

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073829.D
 Acq On : 11 Jul 2022 18:11
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071122

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2022
 Supervised By : Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 07:06:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	112579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	213250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	199820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67337	44.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.320%		
35) Dibromofluoromethane	7.908	113	71683	50.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.620%		
50) Toluene-d8	10.332	98	208043	42.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	84.580%		
62) 4-Bromofluorobenzene	12.620	95	106565	51.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	102.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	29891	46.815	ug/l	93
3) Chloromethane	2.209	50	30739	45.229	ug/l	98
4) Vinyl Chloride	2.344	62	44345	50.233	ug/l	95
5) Bromomethane	2.750	94	34036	52.425	ug/l	95
6) Chloroethane	2.903	64	34909	42.919	ug/l	96
7) Trichlorofluoromethane	3.262	101	69964	43.721	ug/l	99
8) Diethyl Ether	3.703	74	22186	43.998	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.079	101	44122	44.694	ug/l	99
10) Methyl Iodide	4.297	142	25854	40.360	ug/l	96
11) Tert butyl alcohol	5.226	59	46217m	138.804	ug/l	
12) 1,1-Dichloroethene	4.056	96	31821	42.038	ug/l	89
13) Acrolein	3.920	56	11566	247.934	ug/l	93
14) Allyl chloride	4.703	41	67093	45.972	ug/l	98
15) Acrylonitrile	5.414	53	71923	248.766	ug/l	100
16) Acetone	4.150	43	60752	235.163	ug/l	96
17) Carbon Disulfide	4.403	76	41666	43.872	ug/l #	91
18) Methyl Acetate	4.714	43	30687	47.721	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	146532	50.193	ug/l	95
20) Methylene Chloride	4.950	84	56288	50.355	ug/l	96
21) trans-1,2-Dichloroethene	5.461	96	37951	42.601	ug/l #	89
22) Diisopropyl ether	6.361	45	194570	48.838	ug/l	98
23) Vinyl Acetate	6.297	43	544030	265.762	ug/l	98
24) 1,1-Dichloroethane	6.250	63	101512	46.639	ug/l	98
25) 2-Butanone	7.202	43	95003	244.448	ug/l	96
26) 2,2-Dichloropropane	7.197	77	94632	45.668	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	58826	46.003	ug/l	96
28) Bromochloromethane	7.538	49	40509	45.634	ug/l	93
29) Tetrahydrofuran	7.555	42	56158	242.600	ug/l	98
30) Chloroform	7.702	83	114932	46.979	ug/l	94
31) Cyclohexane	7.973	56	58325	48.551	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	96731	47.289	ug/l	98
36) 1,1-Dichloropropene	8.102	75	65243	45.709	ug/l	99
37) Ethyl Acetate	7.285	43	40887	46.799	ug/l	98
38) Carbon Tetrachloride	8.091	117	75364	46.230	ug/l	87
39) Methylcyclohexane	9.349	83	61324	41.506	ug/l	97
40) Benzene	8.344	78	194226	45.706	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	27473	47.998	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	70923	46.862	ug/l	98
43) Isopropyl Acetate	8.444	43	85667	49.851	ug/l	99
44) Trichloroethene	9.108	130	52120	47.004	ug/l	98
45) 1,2-Dichloropropane	9.379	63	61768	49.122	ug/l	96
46) Dibromomethane	9.467	93	33261	48.607	ug/l	94
47) Bromodichloromethane	9.649	83	94979	49.076	ug/l	97
48) Methyl methacrylate	9.449	41	39937	51.164	ug/l	97
49) 1,4-Dioxane	9.449	88	9254	1057.953	ug/l	88
51) 4-Methyl-2-Pentanone	10.220	43	234564	256.148	ug/l	100
52) Toluene	10.396	92	133283	46.708	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	85761	48.220	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	92940	47.269	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	51083	49.610	ug/l	96
56) Ethyl methacrylate	10.649	69	65193	52.331	ug/l	96
57) 1,3-Dichloropropane	10.938	76	87530	50.029	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	114296	230.327	ug/l	99
59) 2-Hexanone	10.973	43	163241	261.840	ug/l	100
60) Dibromochloromethane	11.126	129	62153	48.664	ug/l	98
61) 1,2-Dibromoethane	11.232	107	46036	49.772	ug/l	97
64) Tetrachloroethene	10.867	164	36224	42.100	ug/l	97
65) Chlorobenzene	11.661	112	157443	47.660	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	64436	49.125	ug/l	99
67) Ethyl Benzene	11.732	91	286216	46.437	ug/l	98
68) m/p-Xylenes	11.843	106	214976	95.107	ug/l	99
69) o-Xylene	12.167	106	106438	47.496	ug/l	99
70) Styrene	12.185	104	189570	48.854	ug/l	100
71) Bromoform	12.343	173	34085	50.098	ug/l #	100
73) Isopropylbenzene	12.467	105	297843	47.659	ug/l	99
74) N-amyl acetate	12.279	43	88016	51.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	66008	50.794	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	44045m	44.522	ug/l	
77) Bromobenzene	12.749	156	62683	47.862	ug/l	97
78) n-propylbenzene	12.808	91	368258	46.652	ug/l	98
79) 2-Chlorotoluene	12.896	91	211446	46.576	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	250198	48.022	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	19220	51.059	ug/l	99
82) 4-Chlorotoluene	12.990	91	224182	47.216	ug/l	99
83) tert-Butylbenzene	13.208	119	217641	47.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	248335	47.514	ug/l	100
85) sec-Butylbenzene	13.385	105	338121	47.367	ug/l	99
86) p-Isopropyltoluene	13.502	119	272594	47.424	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	134870	47.910	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	132787	48.170	ug/l	99
89) n-Butylbenzene	13.826	91	275769	47.812	ug/l	99
90) Hexachloroethane	14.096	117	54441	48.925	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	120612	48.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10748	49.331	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	66300	46.931	ug/l	95
94) Hexachlorobutadiene	15.249	225	31660	47.098	ug/l	99
95) Naphthalene	15.379	128	156409	50.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	59000	48.040	ug/l	99

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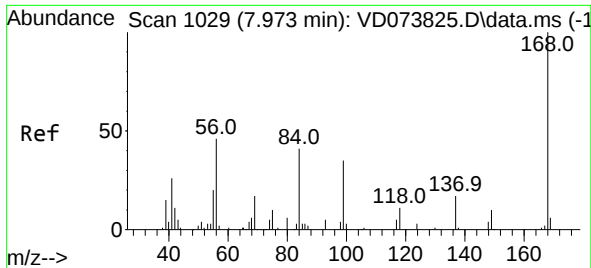
Manual Integrations
APPROVED

Reviewed By : John Carlone 07/12/2022
 Supervised By : Mahesh Dadoda 07/12/2022

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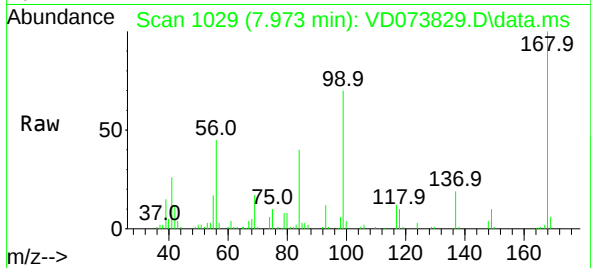
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073829.D
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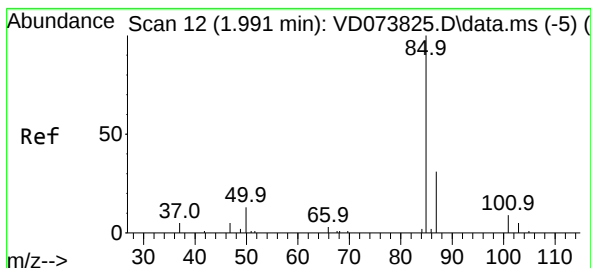
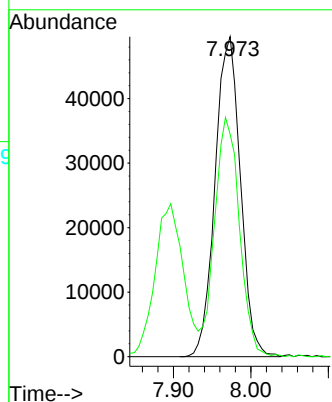
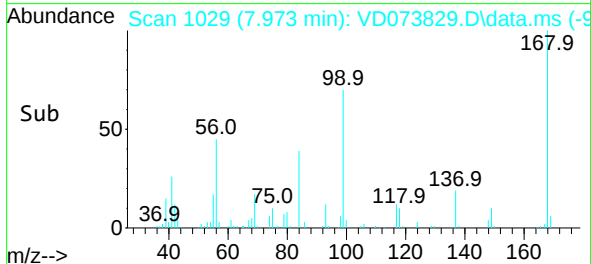
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 112579
Ion Ratio Lower Upper
168 100
99 69.1 53.8 80.6

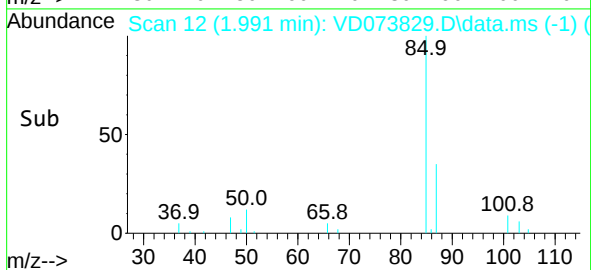
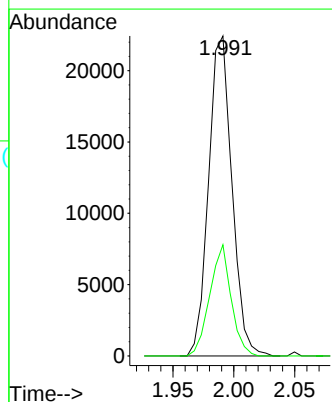
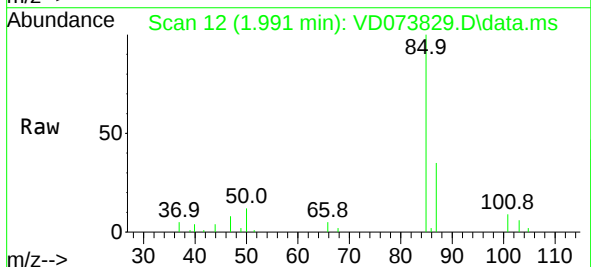
Manual Integrations
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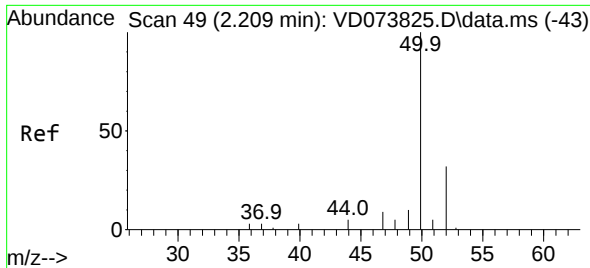
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#2
Dichlorodifluoromethane
Concen: 46.815 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

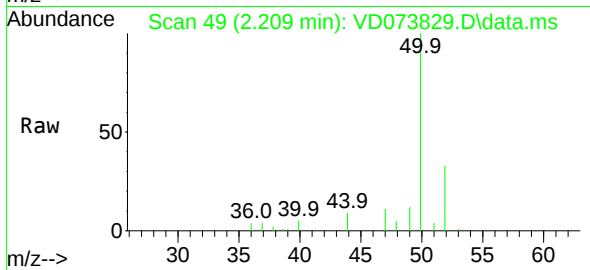
Tgt Ion: 85 Resp: 29891
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.7





#3
Chloromethane
Concen: 45.229 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

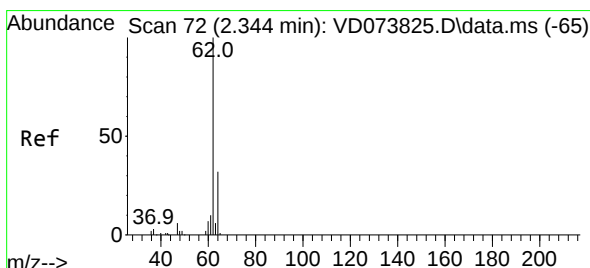
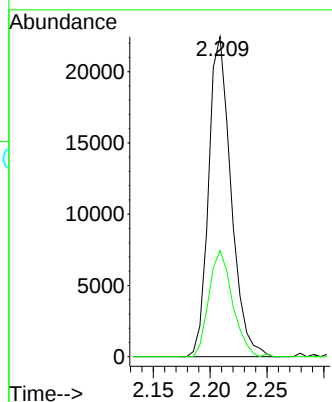
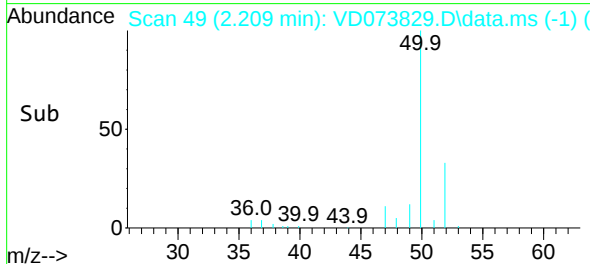
Instrument :
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ClientSampleId :
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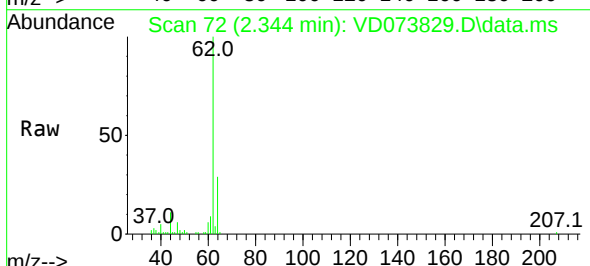
Tgt Ion: 50 Resp: 30739
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

Manual Integrations
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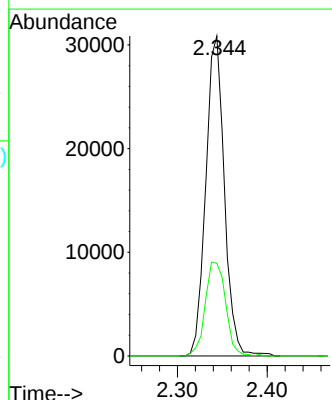
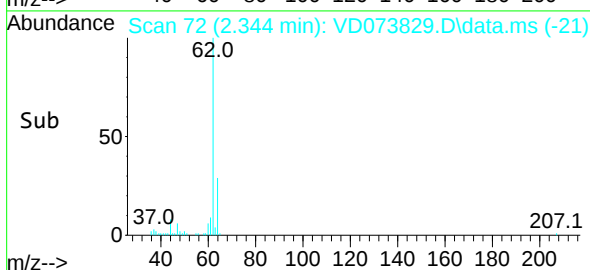
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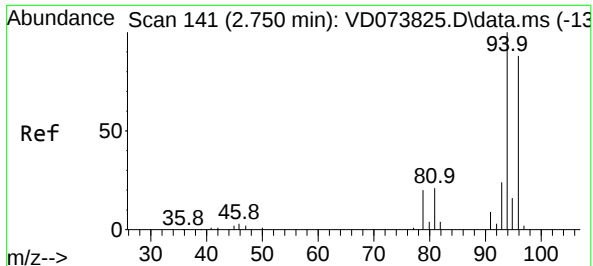


#4
Vinyl Chloride
Concen: 50.233 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



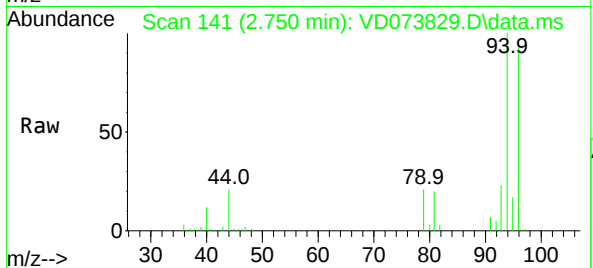
Tgt Ion: 62 Resp: 44345
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.0





#5
Bromomethane
Concen: 52.425 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

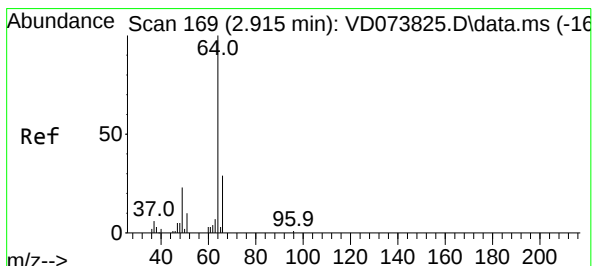
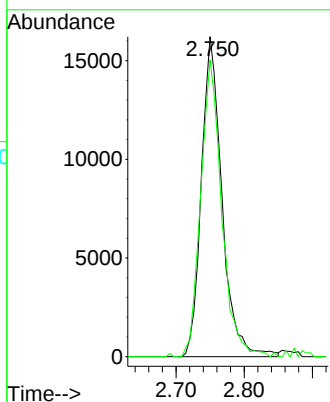
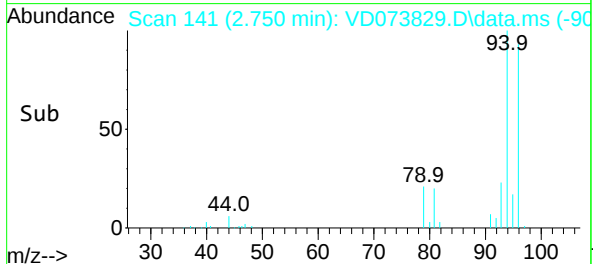
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Tgt Ion: 94 Resp: 3403
Ion Ratio Lower Upper
94 100
96 92.8 70.3 105.5

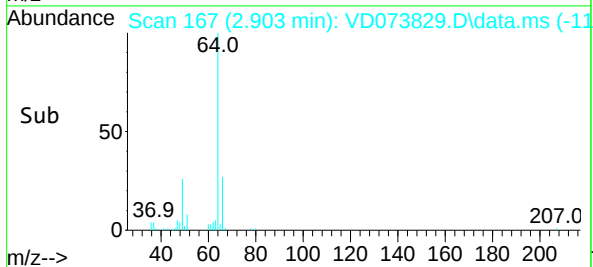
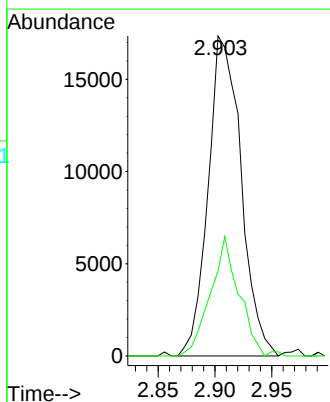
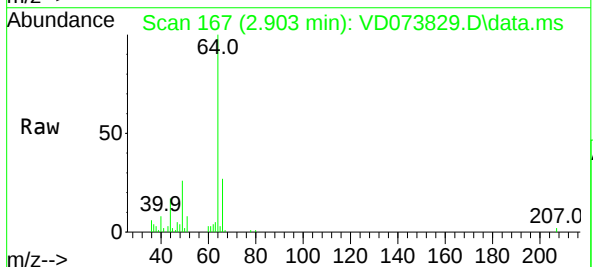
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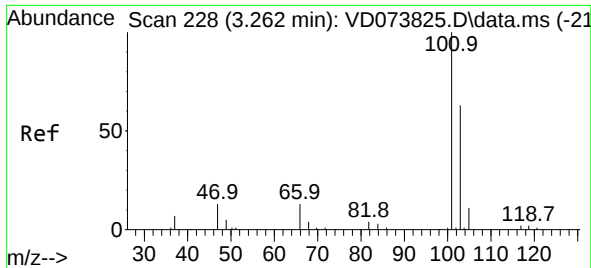
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#6
Chloroethane
Concen: 42.919 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

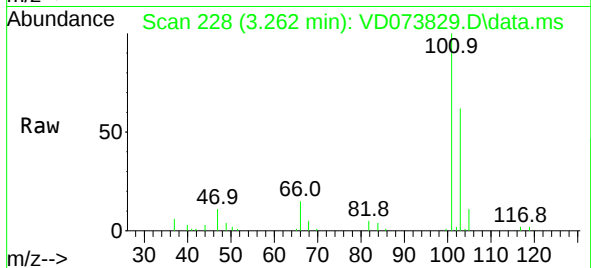
Tgt Ion: 64 Resp: 34909
Ion Ratio Lower Upper
64 100
66 26.6 23.0 34.6





#7
Trichlorofluoromethane
Concen: 43.721 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

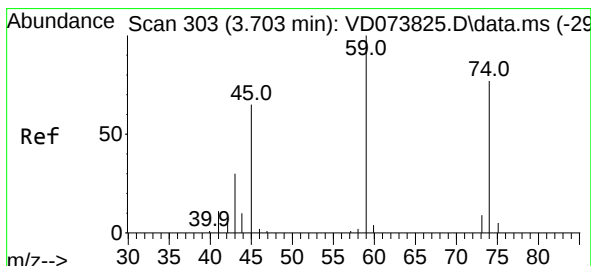
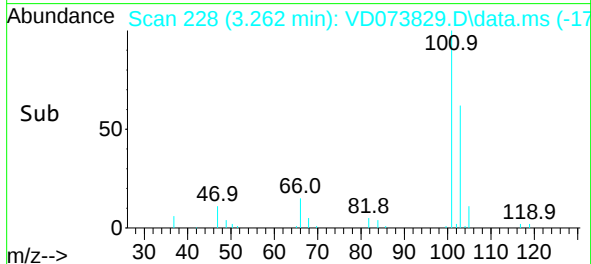
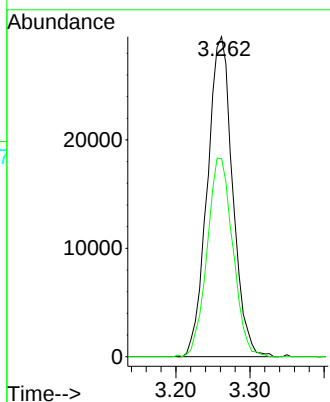
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Tgt Ion:101 Resp: 69964
Ion Ratio Lower Upper
101 100
103 61.9 50.3 75.5

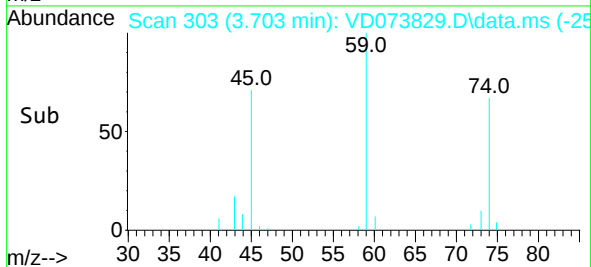
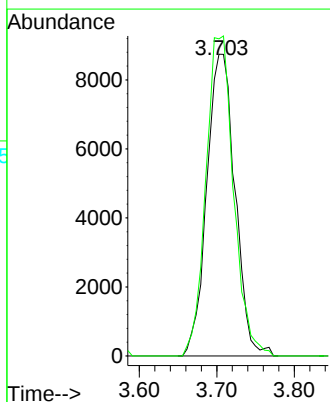
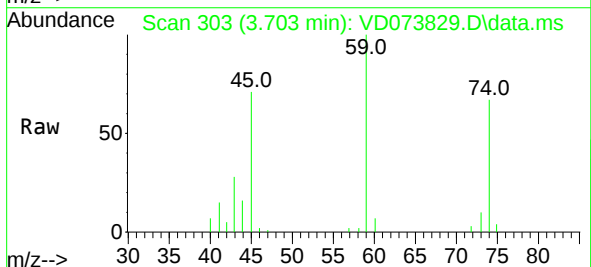
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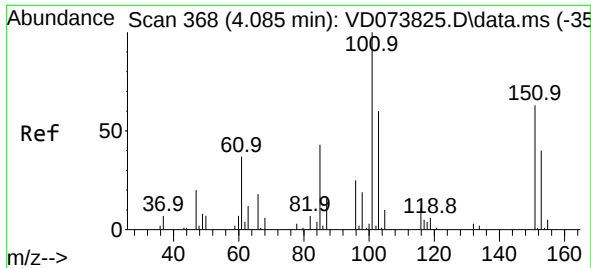
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#8
Diethyl Ether
Concen: 43.998 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion: 74 Resp: 22186
Ion Ratio Lower Upper
74 100
45 104.0 48.9 146.7





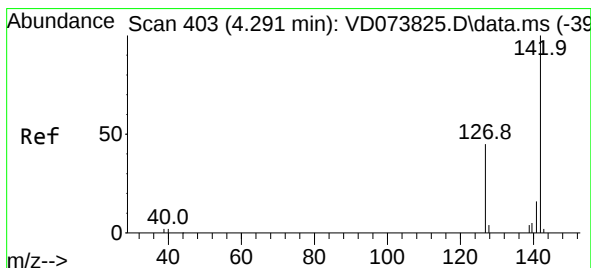
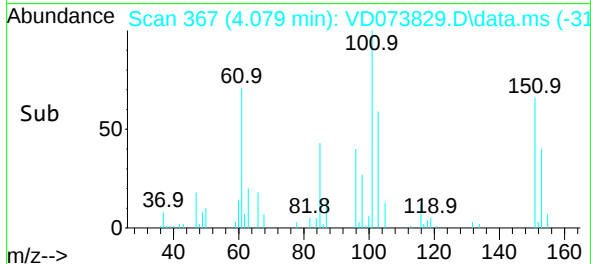
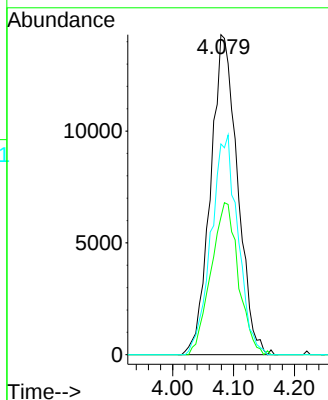
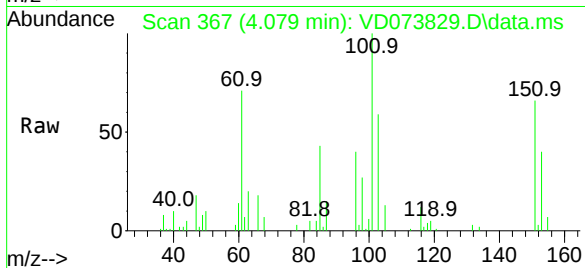
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.694 ug/l
RT: 4.079 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion:101 Resp: 4412
Ion Ratio Lower Upper
101 100
85 48.1 38.6 57.8
151 67.8 53.6 80.4

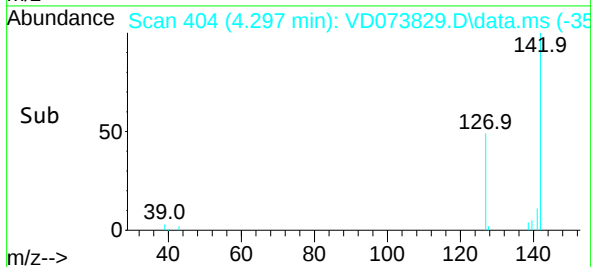
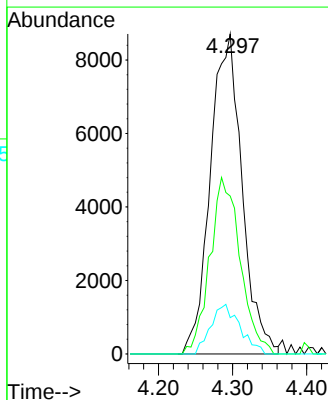
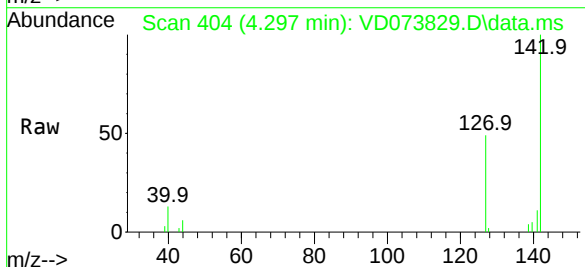
Manual Integrations
APPROVED

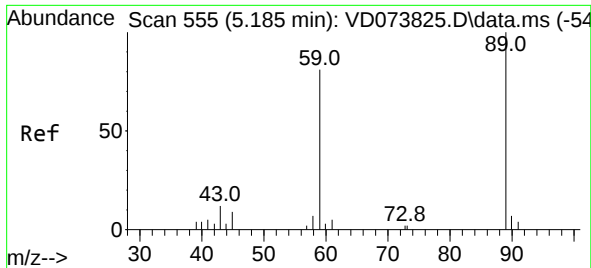
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#10
Methyl Iodide
Concen: 40.360 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion:142 Resp: 25854
Ion Ratio Lower Upper
142 100
127 52.9 39.8 59.6
141 14.3 11.9 17.9





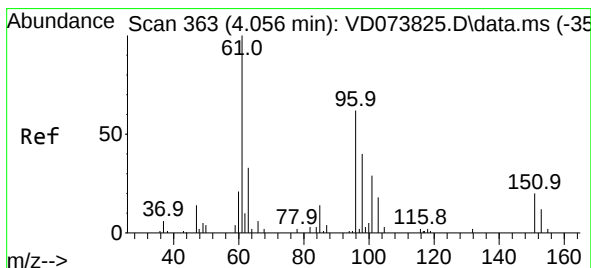
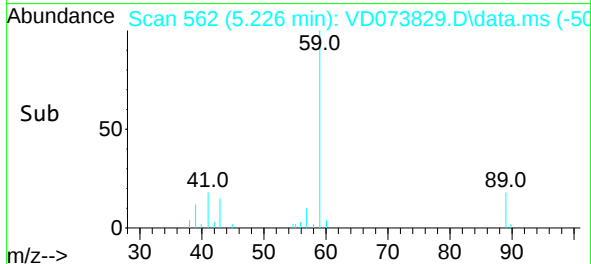
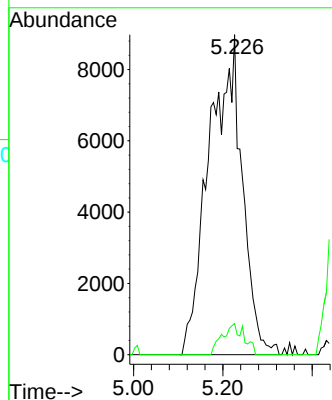
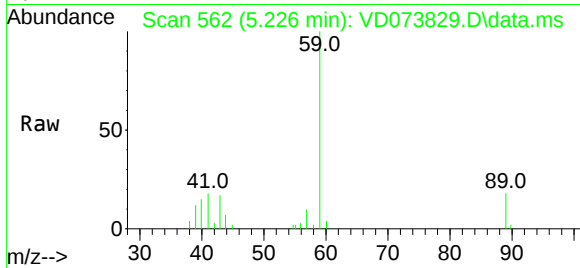
#11
Tert butyl alcohol
Concen: 138.804 ug/l m
RT: 5.226 min Scan# 5
Delta R.T. 0.041 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion: 59 Resp: 4621
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

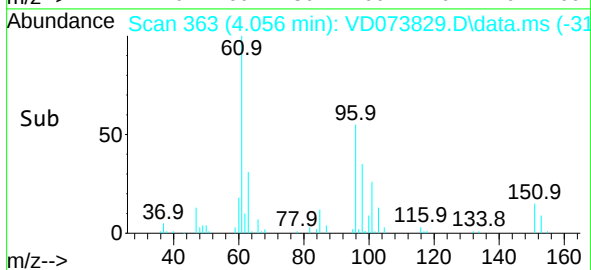
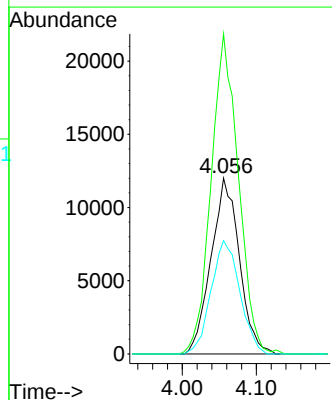
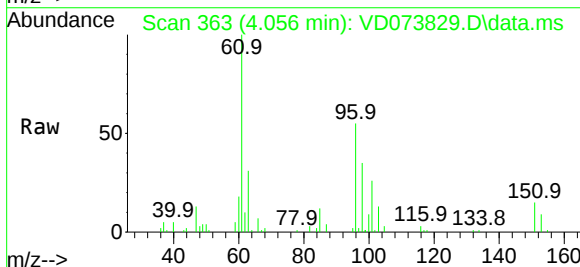
Manual Integrations
APPROVED

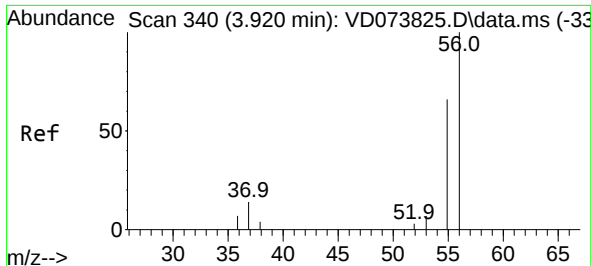
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#12
1,1-Dichloroethene
Concen: 42.038 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

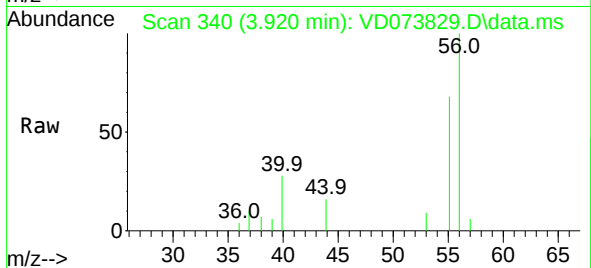
Tgt Ion: 96 Resp: 31821
Ion Ratio Lower Upper
96 100
61 182.0 130.1 195.1
98 64.5 52.1 78.1





#13
Acrolein
Concen: 247.934 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

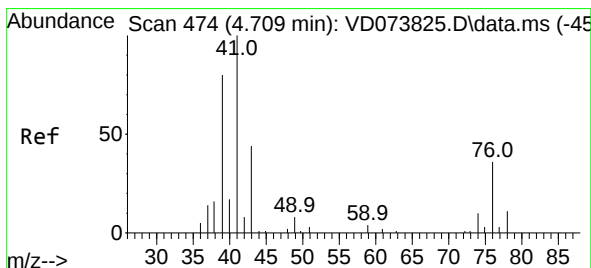
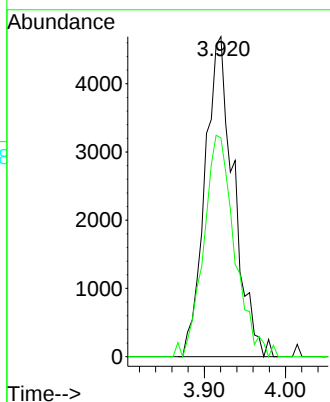
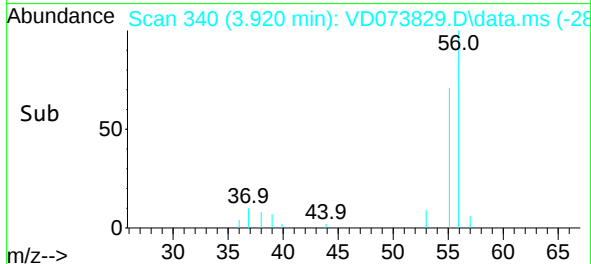
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



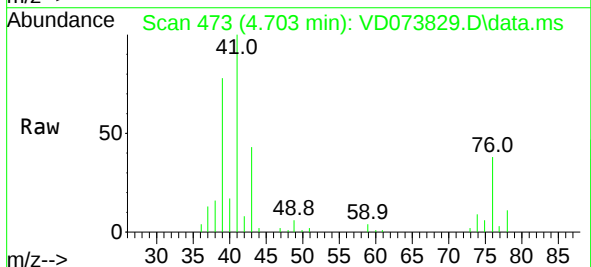
Tgt Ion: 56 Resp: 11560
Ion Ratio Lower Upper
56 100
55 74.1 54.7 82.1

Manual Integrations
APPROVED

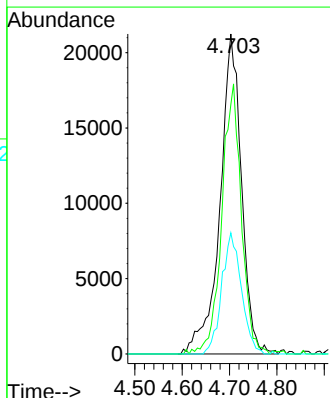
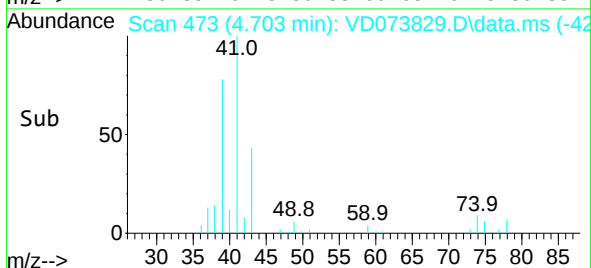
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

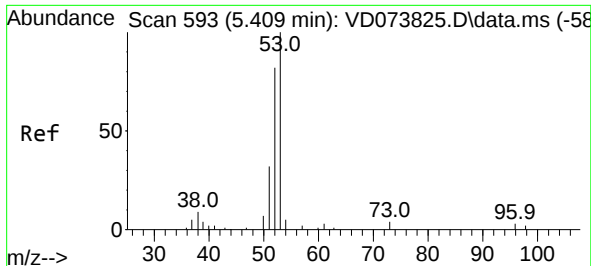


#14
Allyl chloride
Concen: 45.972 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



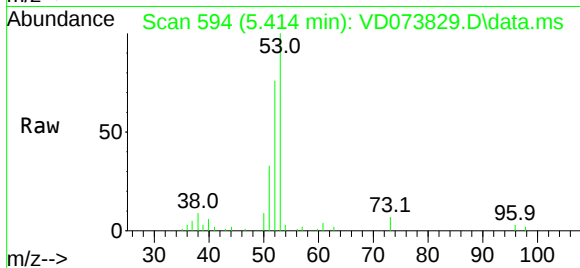
Tgt Ion: 41 Resp: 67093
Ion Ratio Lower Upper
41 100
39 76.4 62.5 93.7
76 34.4 28.6 43.0





#15
Acrylonitrile
Concen: 248.766 ug/l
RT: 5.414 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

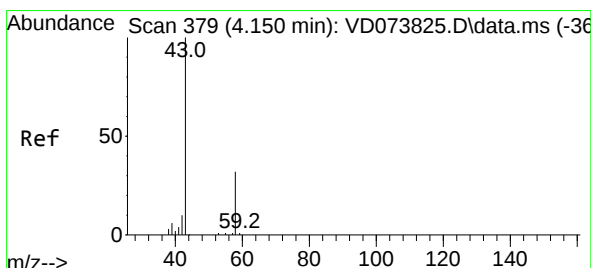
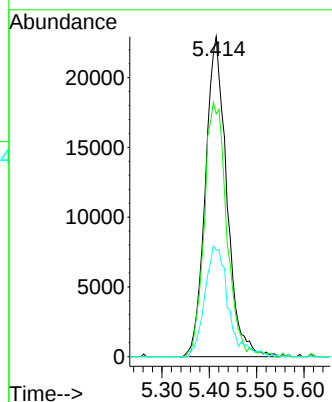
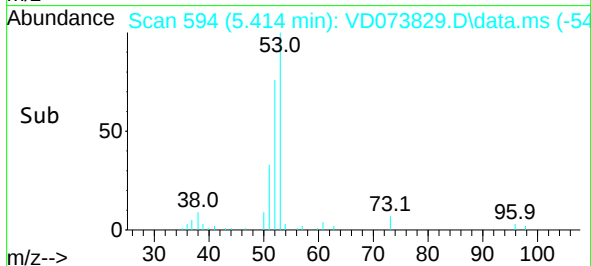
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 53 Resp: 71923
Ion Ratio Lower Upper
53 100
52 82.9 66.1 99.1
51 37.8 30.6 45.8

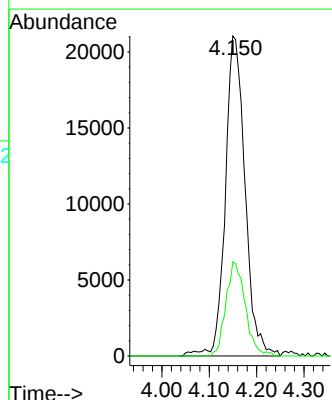
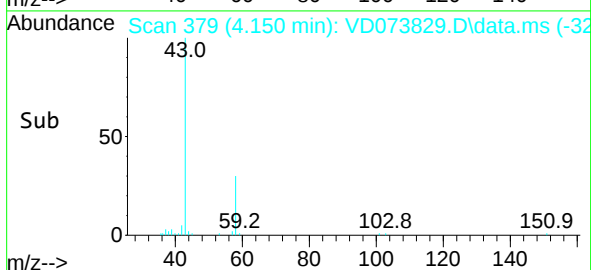
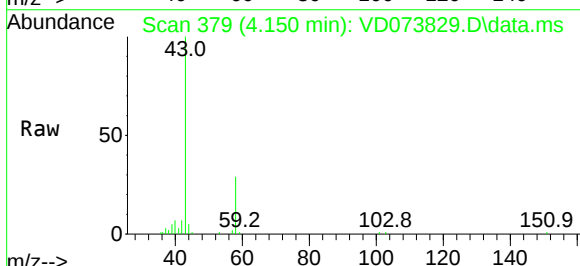
Manual Integrations
APPROVED

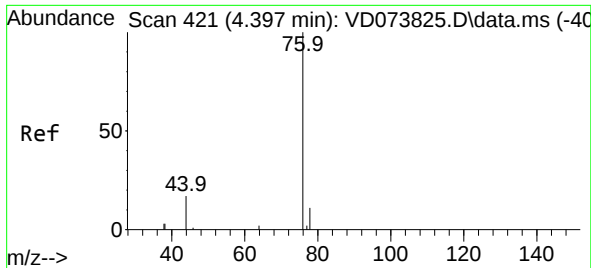
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#16
Acetone
Concen: 235.163 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

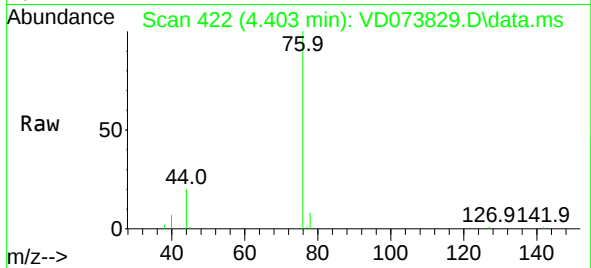
Tgt Ion: 43 Resp: 60752
Ion Ratio Lower Upper
43 100
58 29.4 25.2 37.8





#17
Carbon Disulfide
Concen: 43.872 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

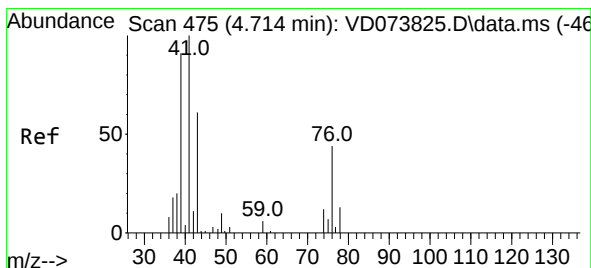
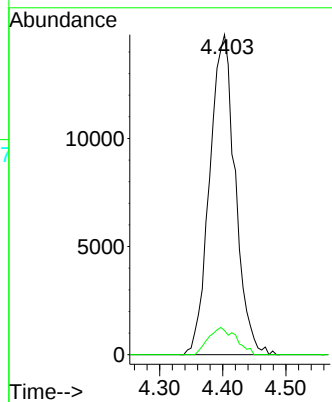
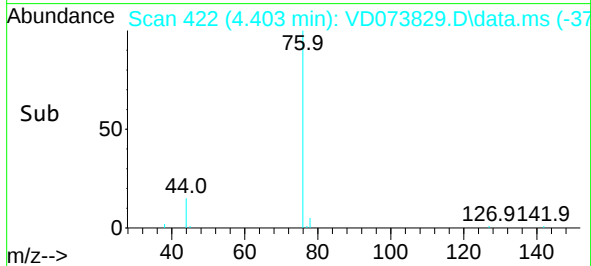
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 76 Resp: 4166
Ion Ratio Lower Upper
76 100
78 7.6 8.7 13.1

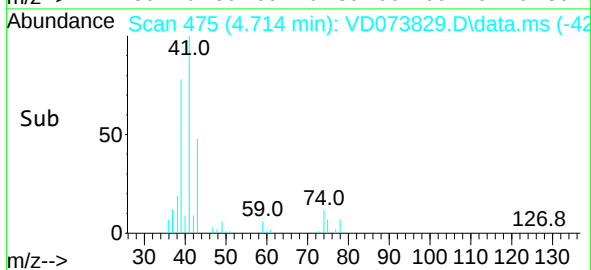
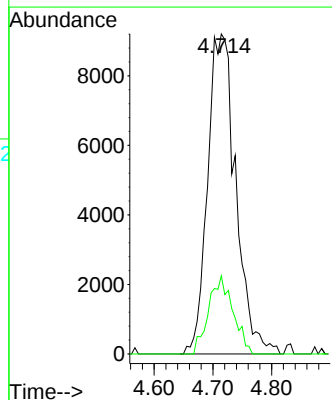
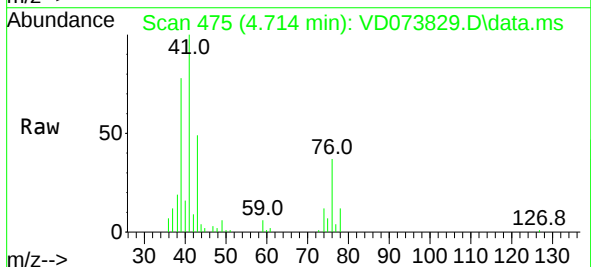
Manual Integrations
APPROVED

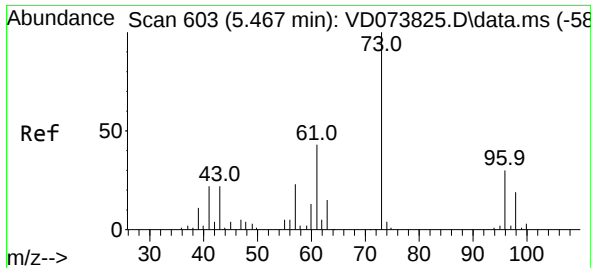
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#18
Methyl Acetate
Concen: 47.721 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion: 43 Resp: 30687
Ion Ratio Lower Upper
43 100
74 21.0 17.0 25.4





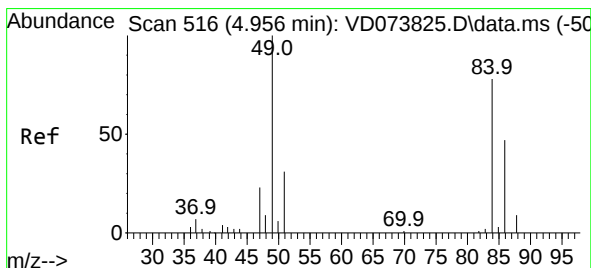
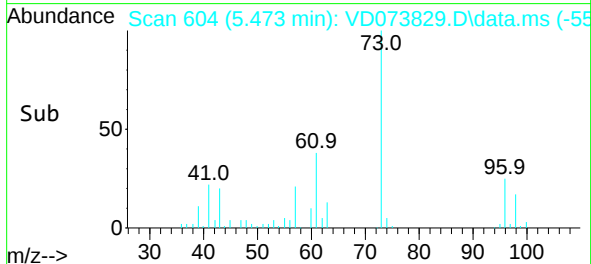
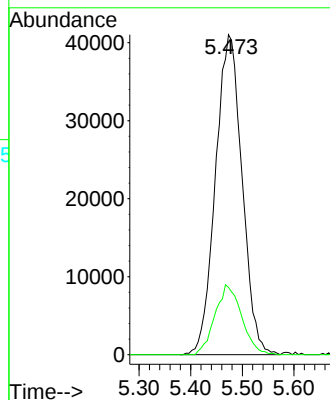
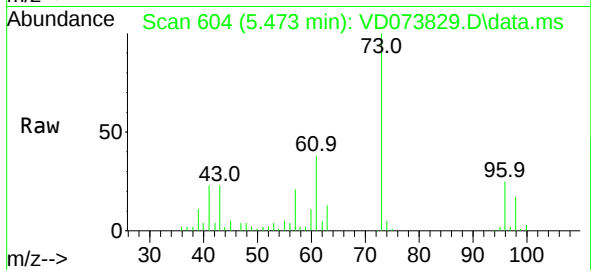
#19
Methyl tert-butyl Ether
Concen: 50.193 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion: 73 Resp: 146532
Ion Ratio Lower Upper
73 100
57 21.0 18.6 28.0

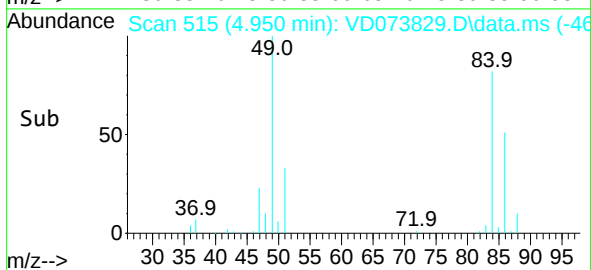
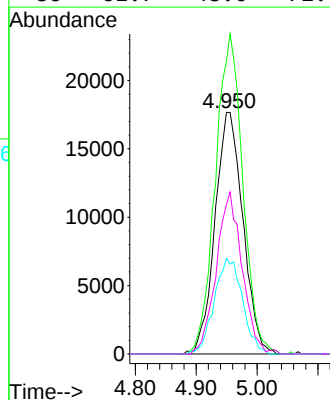
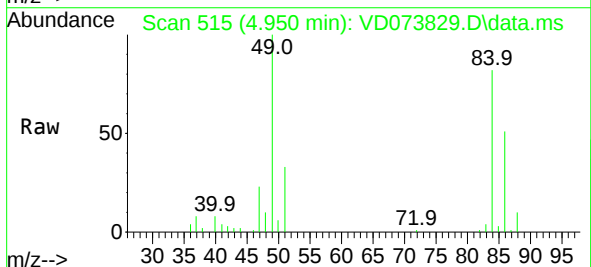
Manual Integrations
APPROVED

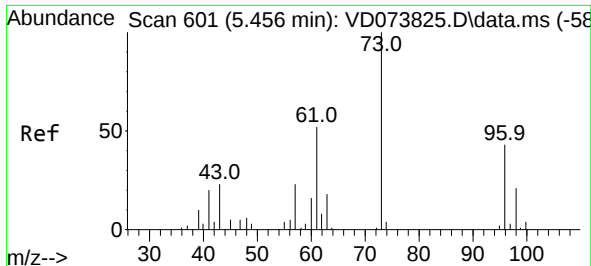
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#20
Methylene Chloride
Concen: 50.355 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

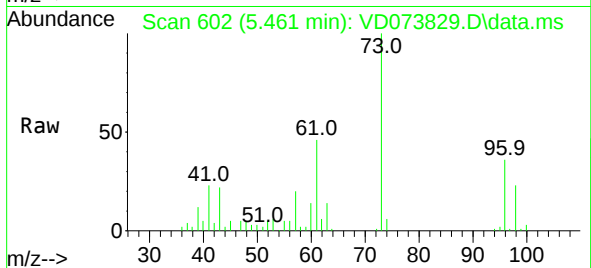
Tgt Ion: 84 Resp: 56288
Ion Ratio Lower Upper
84 100
49 121.2 102.5 153.7
51 39.5 31.4 47.0
86 61.7 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 42.601 ug/l
RT: 5.461 min Scan# 601
Delta R.T. 0.005 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

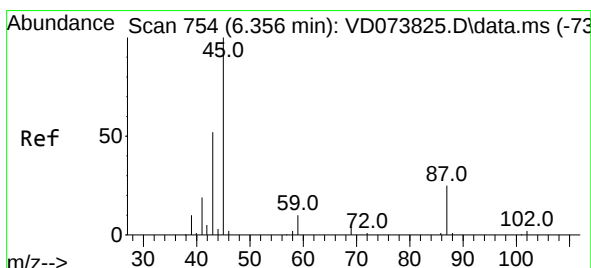
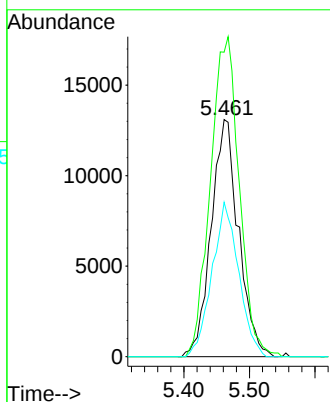
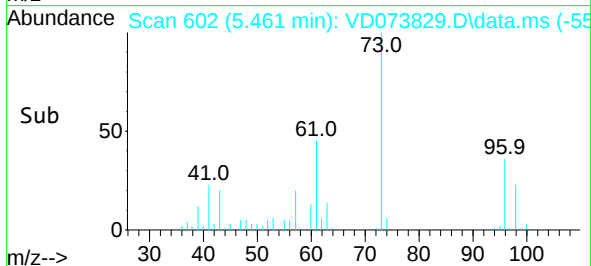
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



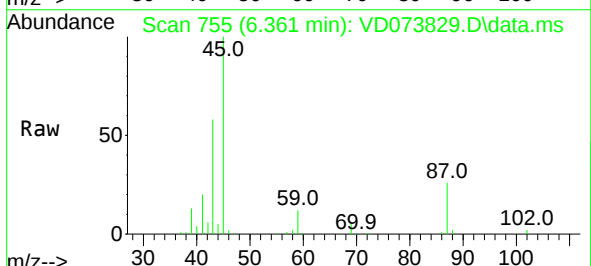
Tgt Ion: 96 Resp: 3795
Ion Ratio Lower Upper
96 100
61 128.4 97.0 145.6
98 65.1 39.5 59.3

Manual Integrations
APPROVED

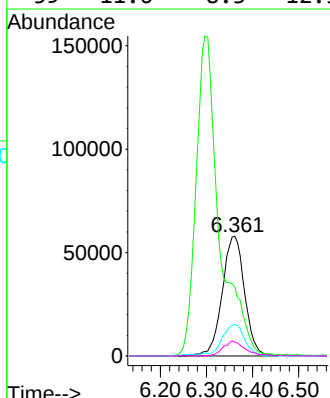
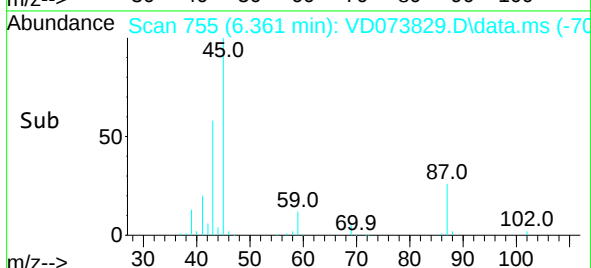
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

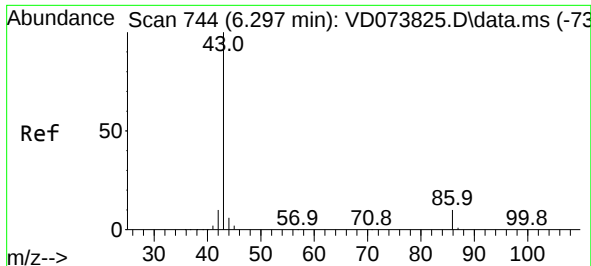


#22
Diisopropyl ether
Concen: 48.838 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



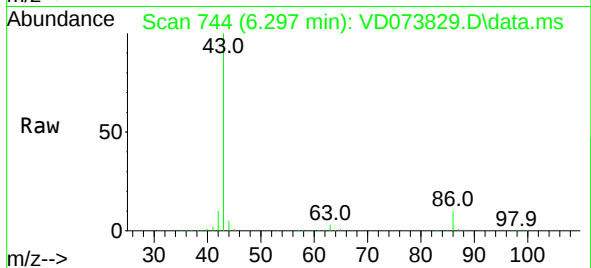
Tgt Ion: 45 Resp: 194570
Ion Ratio Lower Upper
45 100
43 56.5 44.1 66.1
87 26.1 20.8 31.2
59 11.6 8.3 12.5





#23
 Vinyl Acetate
 Concen: 265.762 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11

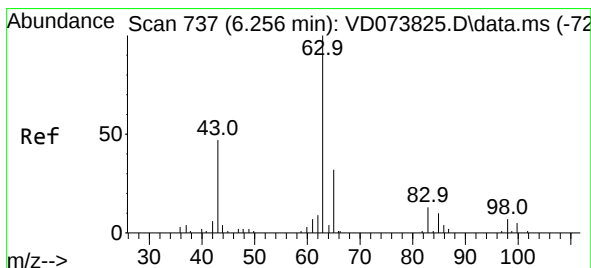
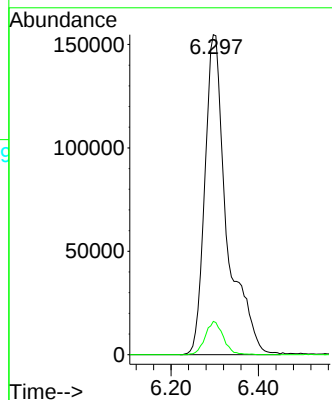
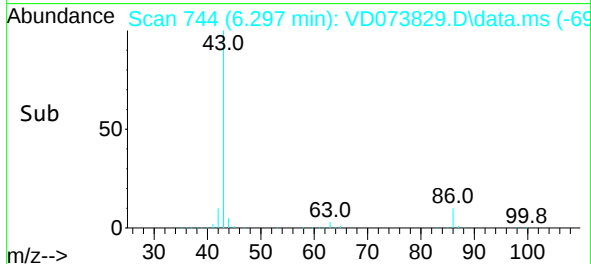
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071122



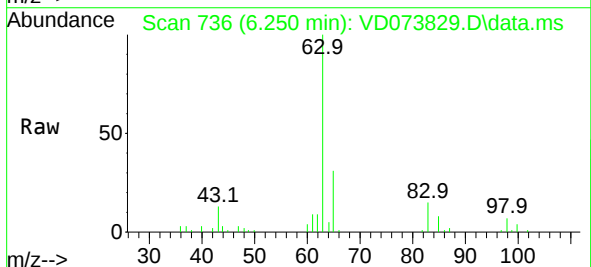
Tgt Ion: 43 Resp: 544030
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

Manual Integrations
 APPROVED

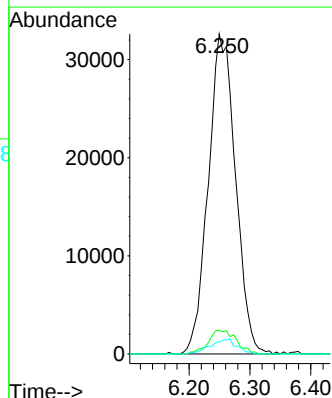
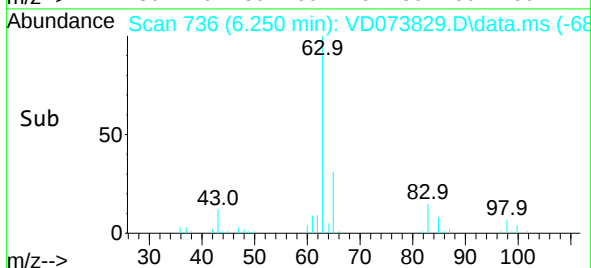
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

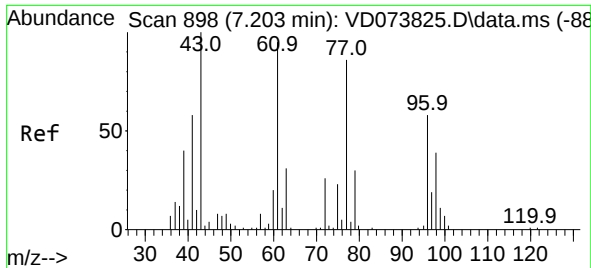


#24
 1,1-Dichloroethane
 Concen: 46.639 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11



Tgt Ion: 63 Resp: 101512
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 3.8 2.5 7.6





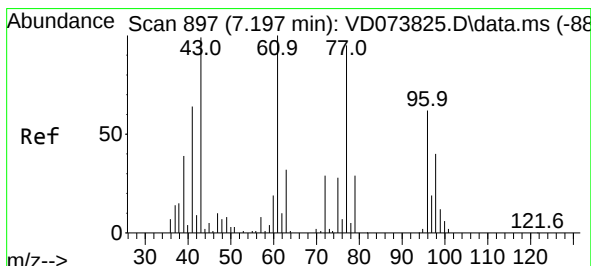
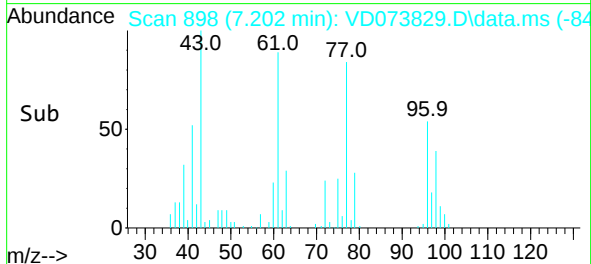
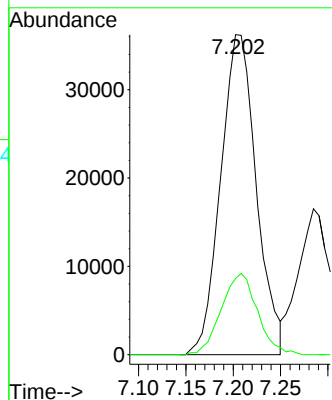
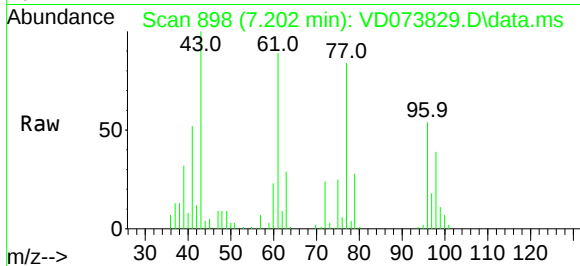
#25
2-Butanone
Concen: 244.448 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion: 43 Resp: 9500
Ion Ratio Lower Upper
43 100
72 23.8 20.9 31.3

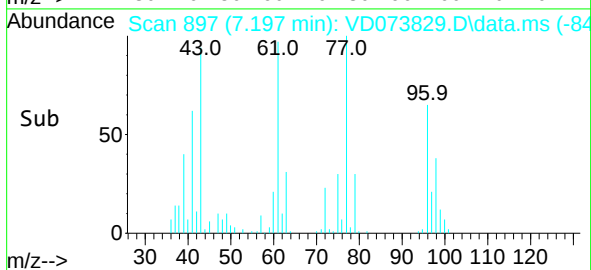
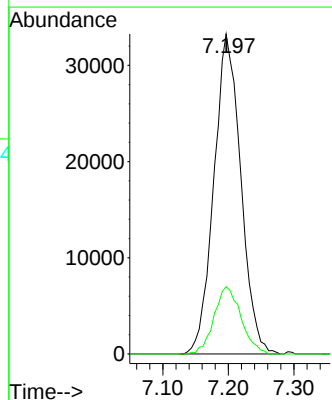
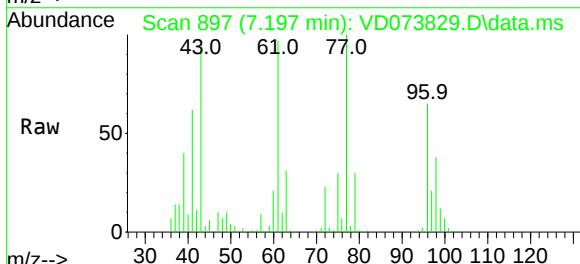
Manual Integrations
APPROVED

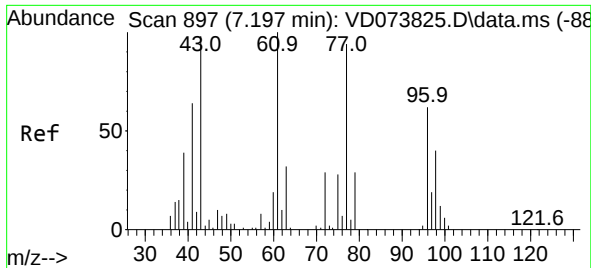
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#26
2,2-Dichloropropane
Concen: 45.668 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion: 77 Resp: 94632
Ion Ratio Lower Upper
77 100
97 21.1 10.7 31.9





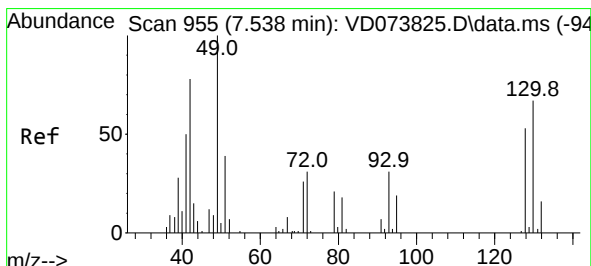
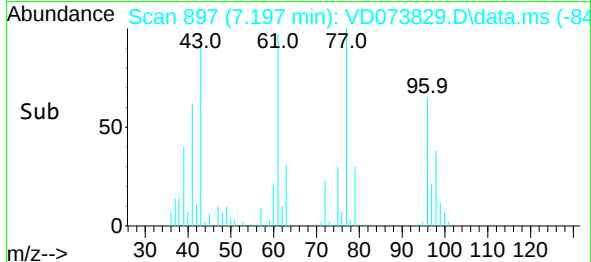
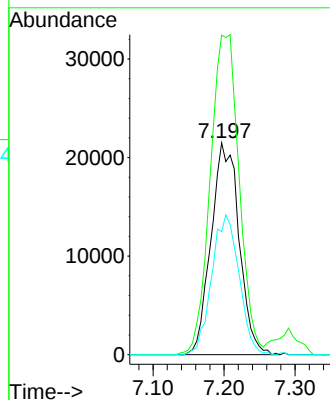
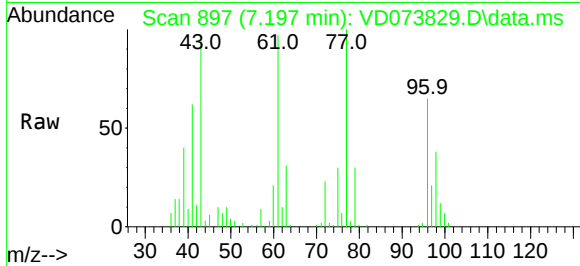
#27
 cis-1,2-Dichloroethene
 Concen: 46.003 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071122

Tgt Ion: 96 Resp: 58820
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 324.4
 98 64.4 0.0 131.6

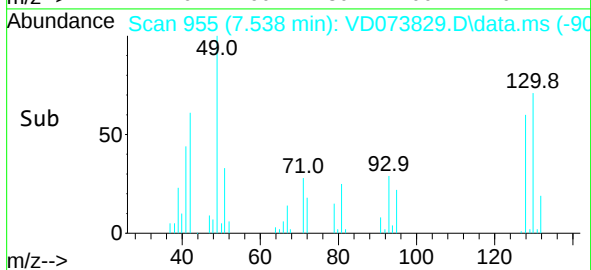
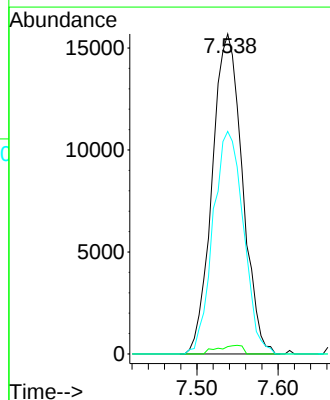
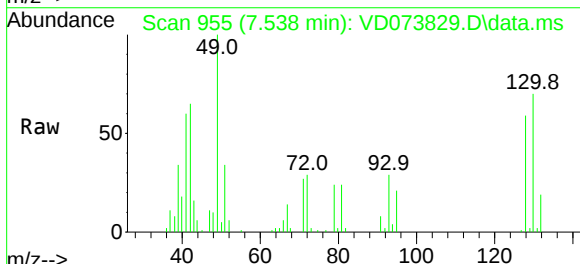
Manual Integrations
 APPROVED

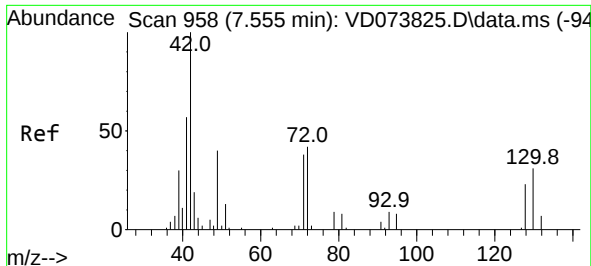
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#28
 Bromochloromethane
 Concen: 45.634 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11

Tgt Ion: 49 Resp: 40509
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.0
 130 70.3 51.8 77.6





#29

Tetrahydrofuran

Concen: 242.600 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

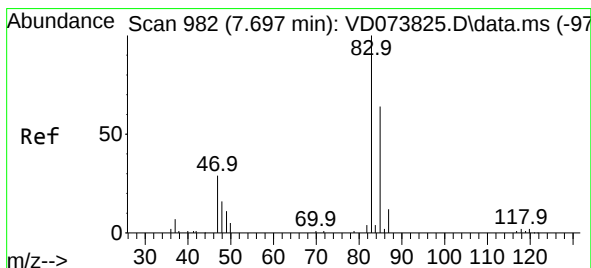
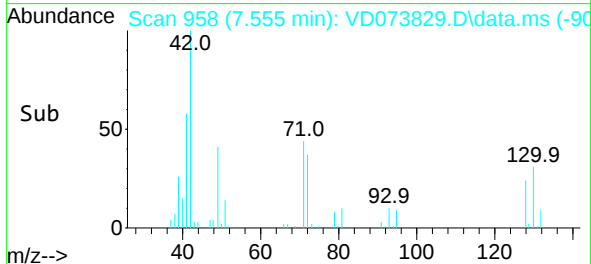
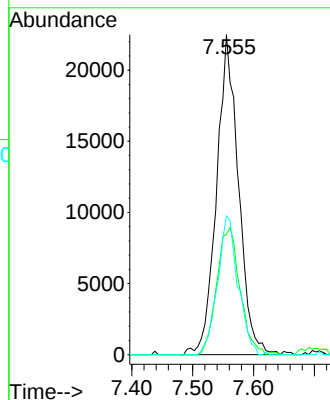
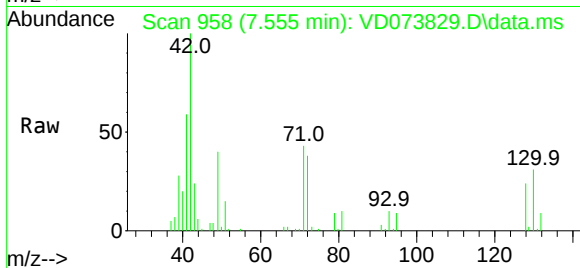
Tgt Ion:	42	Resp:	5615
Ion Ratio	Lower	Upper	
42	100		
72	42.1	33.5	50.3
71	40.7	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#30

Chloroform

Concen: 46.979 ug/l

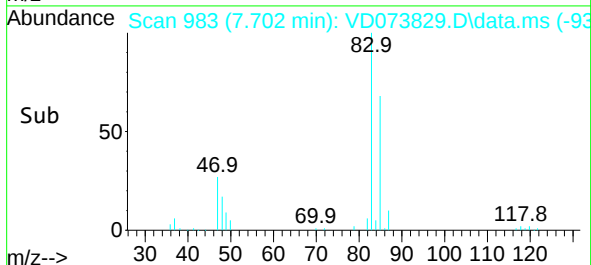
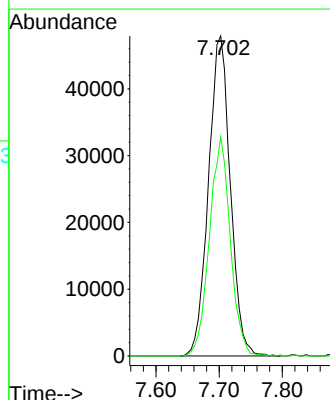
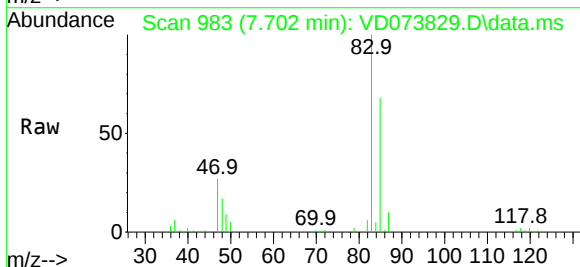
RT: 7.702 min Scan# 983

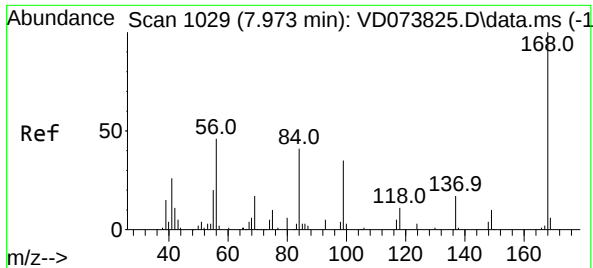
Delta R.T. 0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

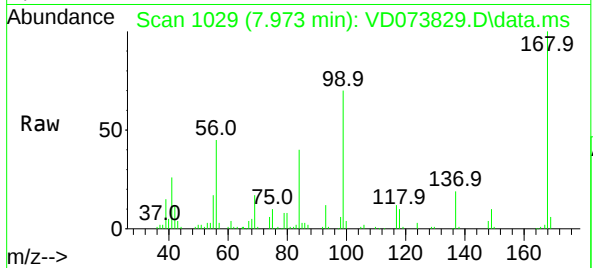
Tgt Ion:	83	Resp:	114932
Ion Ratio	Lower	Upper	
83	100		
85	68.4	51.2	76.8





#31
Cyclohexane
Concen: 48.551 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

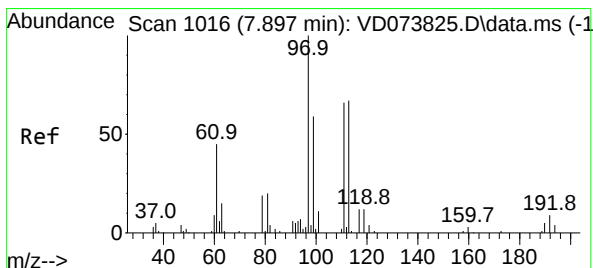
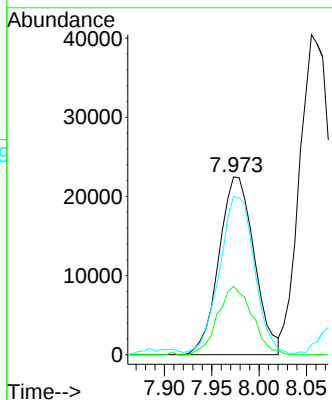
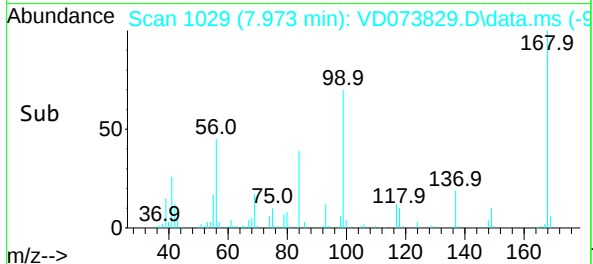
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



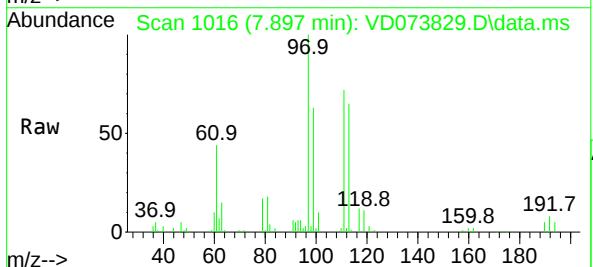
Tgt Ion: 56 Resp: 58329
Ion Ratio Lower Upper
56 100
69 38.4 29.1 43.7
84 86.9 68.2 102.2

Manual Integrations
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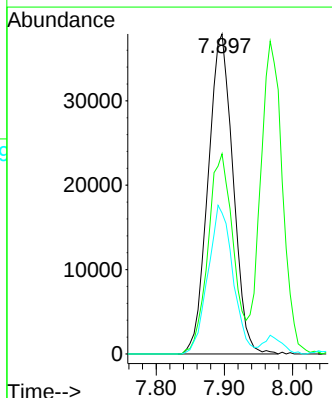
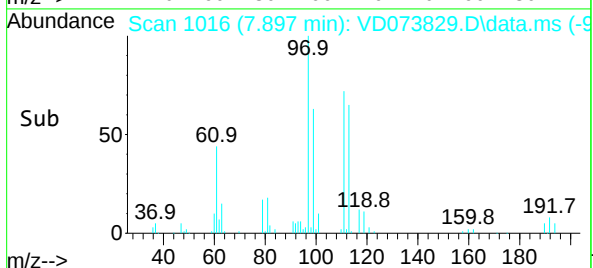
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

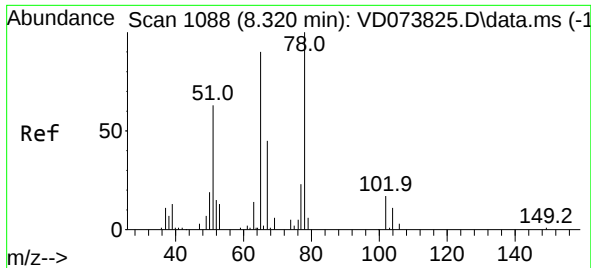


#32
1,1,1-Trichloroethane
Concen: 47.289 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion: 97 Resp: 96731
Ion Ratio Lower Upper
97 100
99 62.7 52.2 78.2
61 46.3 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 44.655 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

Tgt Ion: 65 Resp: 6733

Ion Ratio Lower Upper

65 100

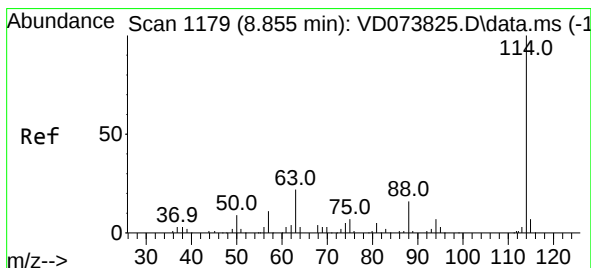
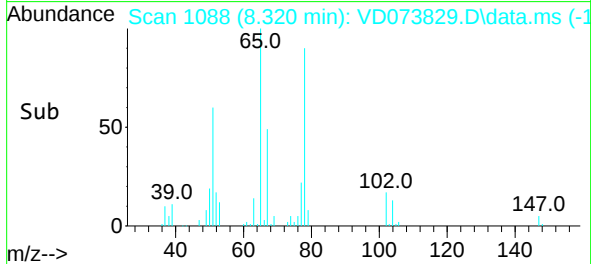
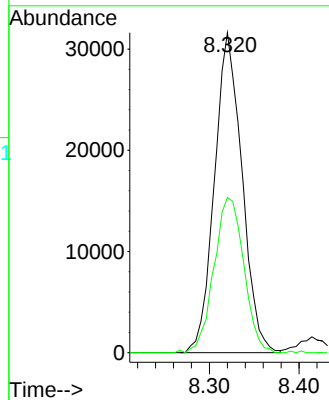
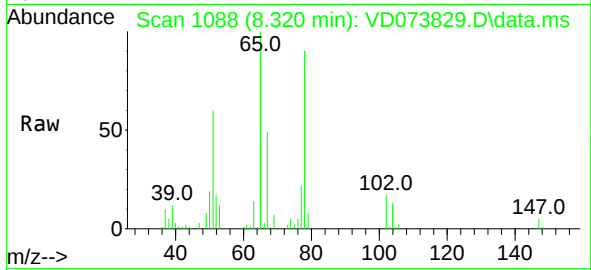
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

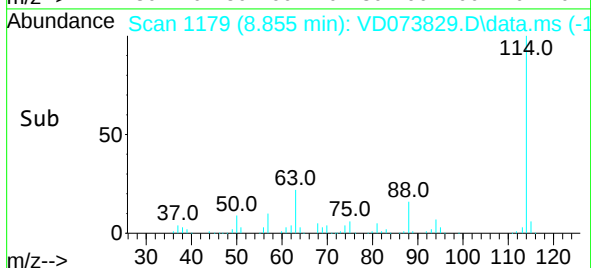
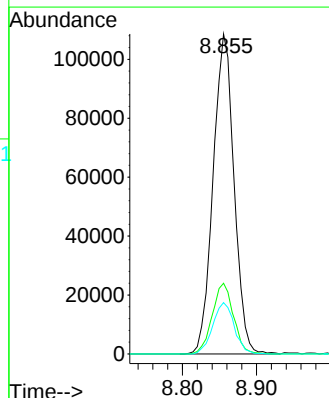
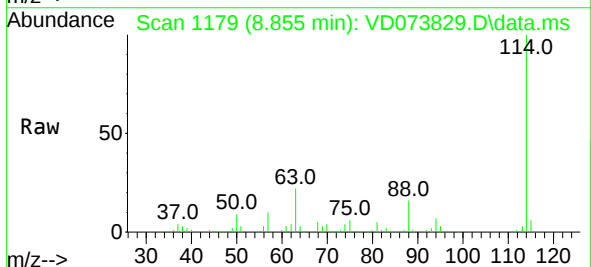
Tgt Ion:114 Resp: 213250

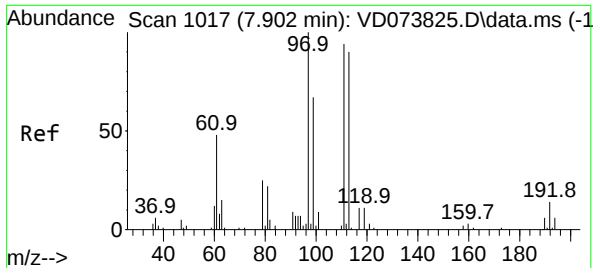
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

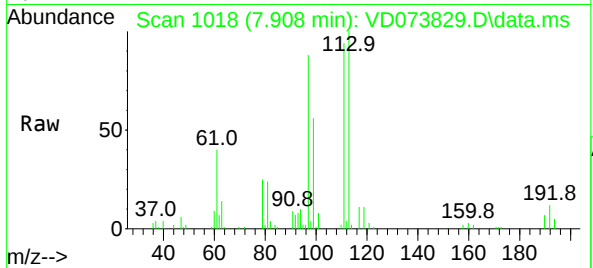
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 50.813 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

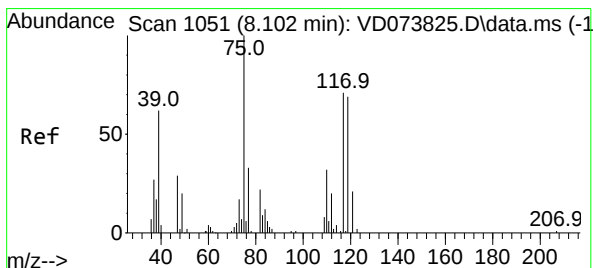
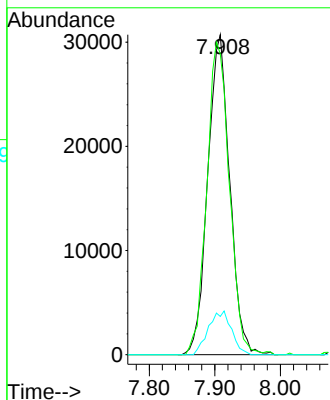
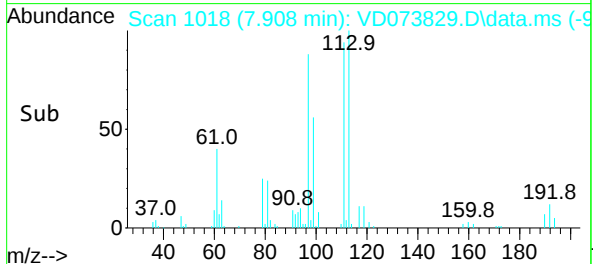
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 113 Resp: 7168
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 14.3 12.3 18.5

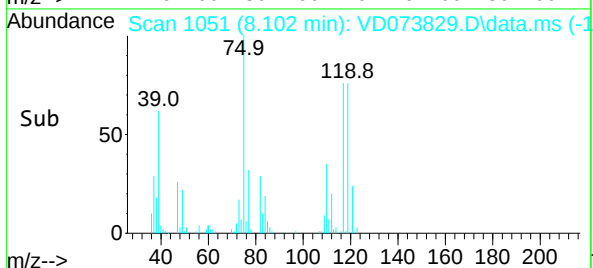
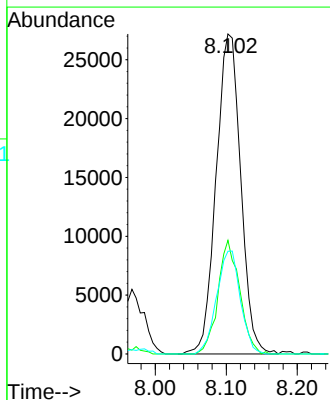
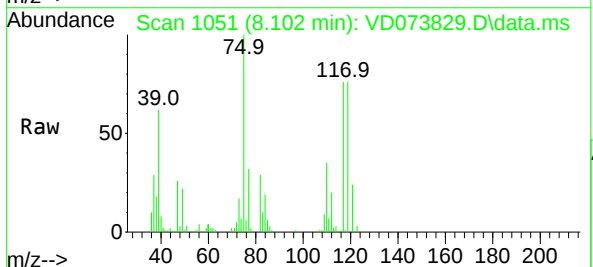
Manual Integrations
APPROVED

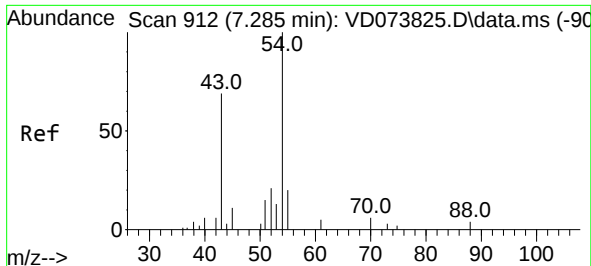
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#36
1,1-Dichloropropene
Concen: 45.709 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

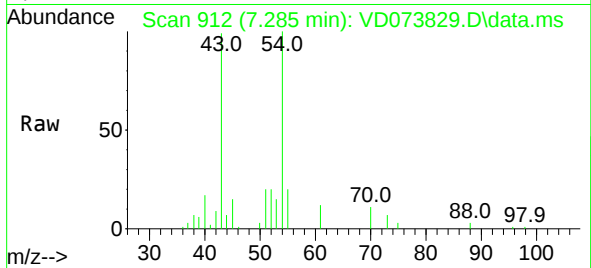
Tgt Ion: 75 Resp: 65243
Ion Ratio Lower Upper
75 100
110 31.4 16.0 47.9
77 31.0 25.3 37.9





#37
Ethyl Acetate
Concen: 46.799 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

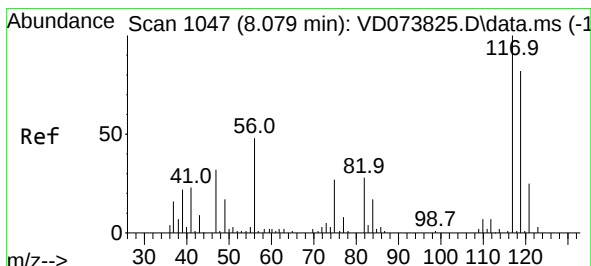
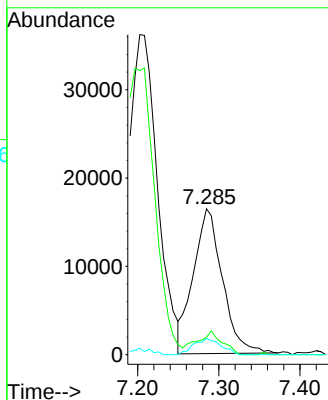
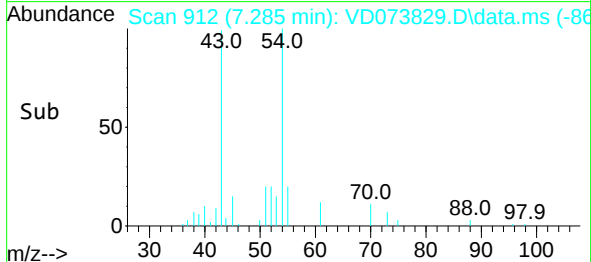
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



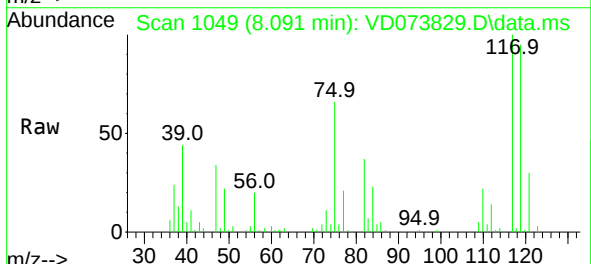
Tgt Ion: 43 Resp: 4088
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 10.5 7.5 11.3

Manual Integrations
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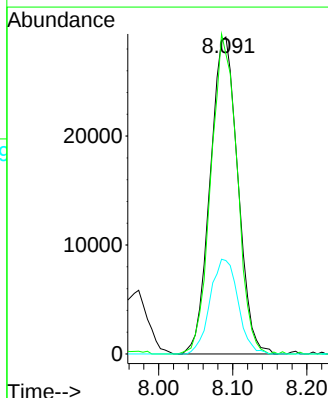
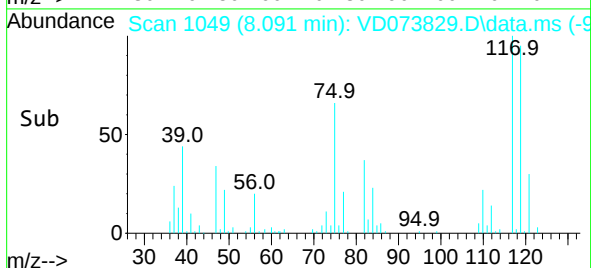
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

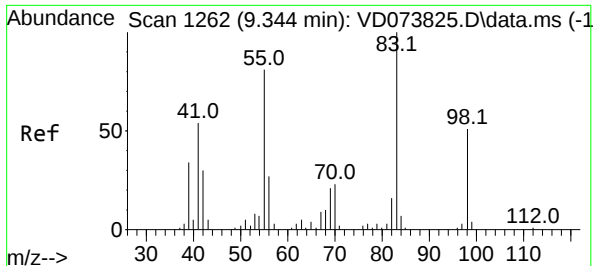


#38
Carbon Tetrachloride
Concen: 46.230 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.012 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion:117 Resp: 75364
Ion Ratio Lower Upper
117 100
119 94.7 65.6 98.4
121 29.5 20.1 30.1





#39

Methylcyclohexane

Concen: 41.506 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

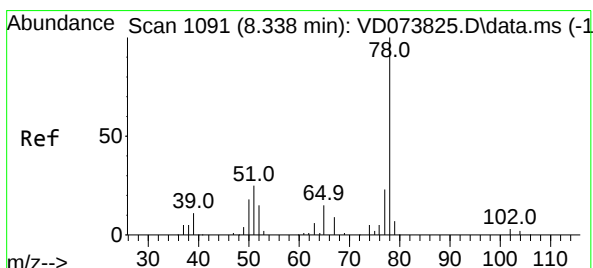
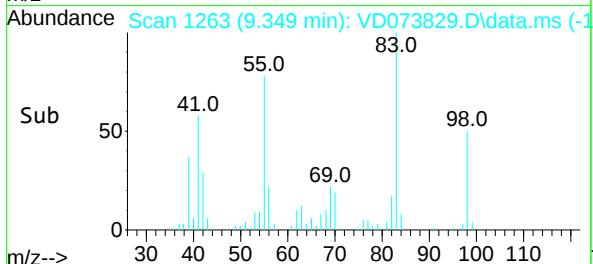
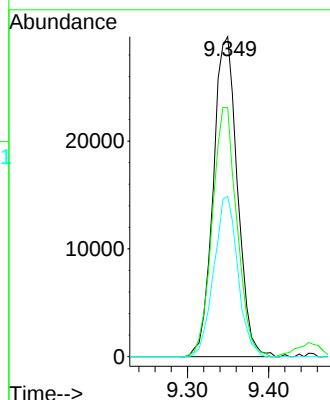
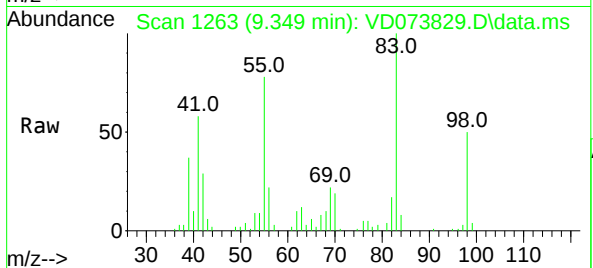
Tgt Ion: 83	Resp: 61324
Ion Ratio	Lower Upper
83	100
55	77.8 64.8 97.2
98	50.1 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#40

Benzene

Concen: 45.706 ug/l

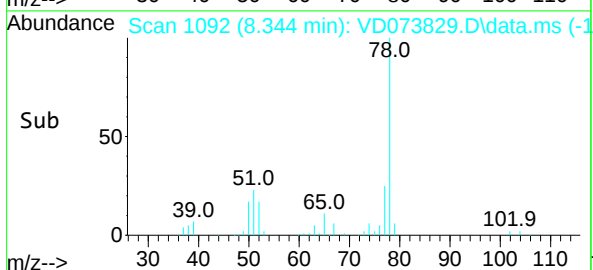
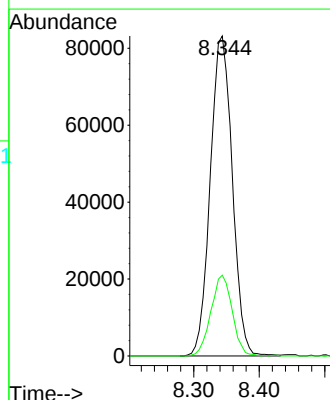
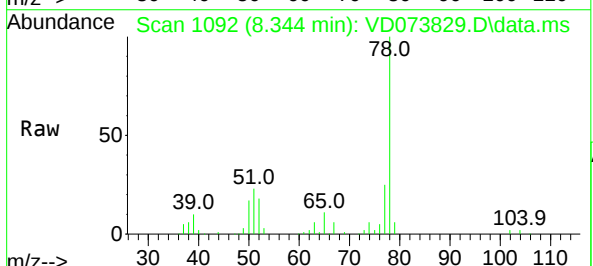
RT: 8.344 min Scan# 1092

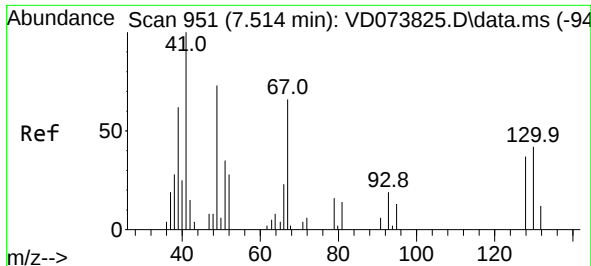
Delta R.T. 0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

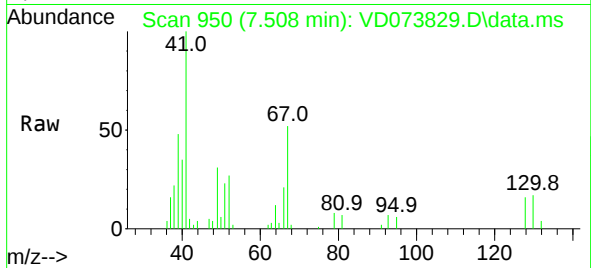
Tgt Ion: 78	Resp: 194226
Ion Ratio	Lower Upper
78	100
77	25.3 18.8 28.2





#41
Methacrylonitrile
Concen: 47.998 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

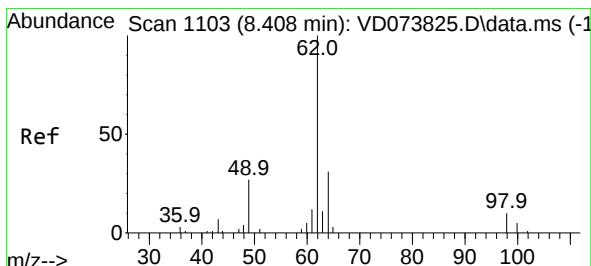
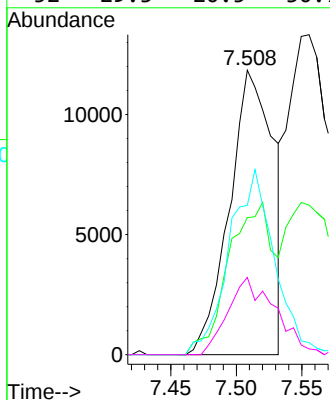
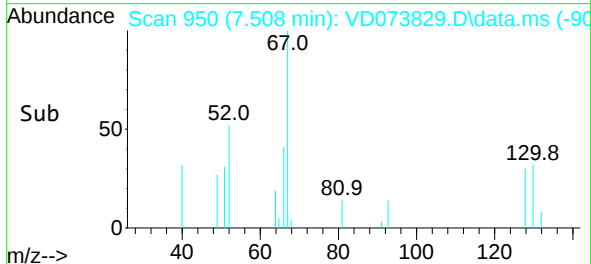
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 41 Resp: 2747
Ion Ratio Lower Upper
41 100
39 55.1 35.6 53.4
67 67.5 45.0 67.6
52 29.3 20.5 30.7

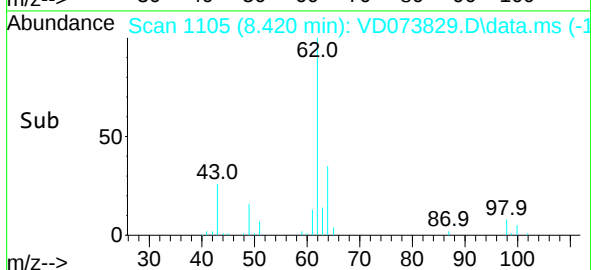
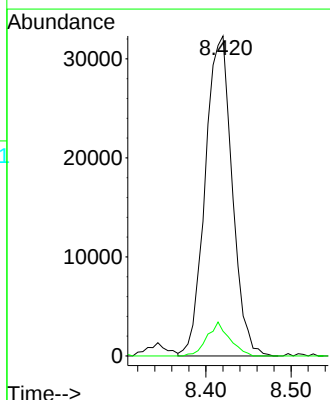
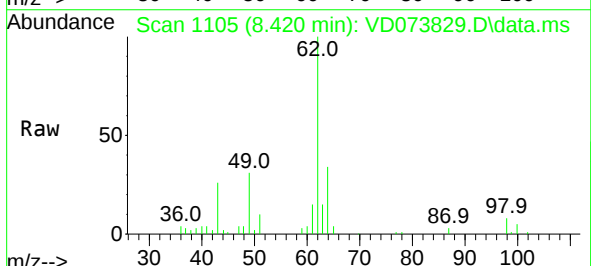
Manual Integrations
APPROVED

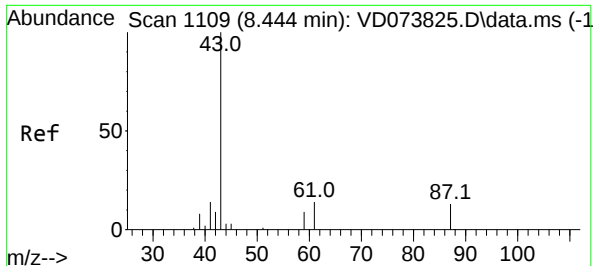
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#42
1,2-Dichloroethane
Concen: 46.862 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.012 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

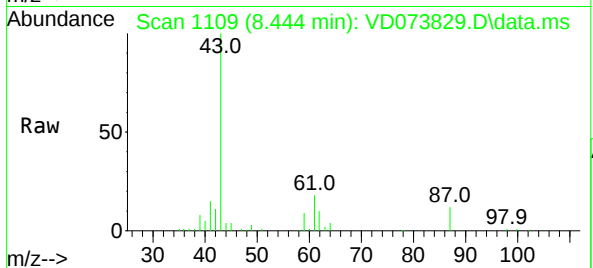
Tgt Ion: 62 Resp: 70923
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.2





#43
Isopropyl Acetate
Concen: 49.851 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

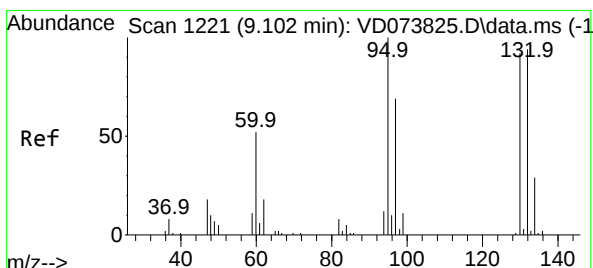
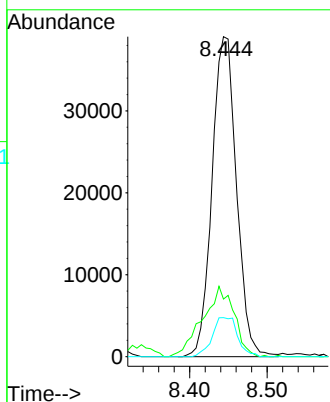
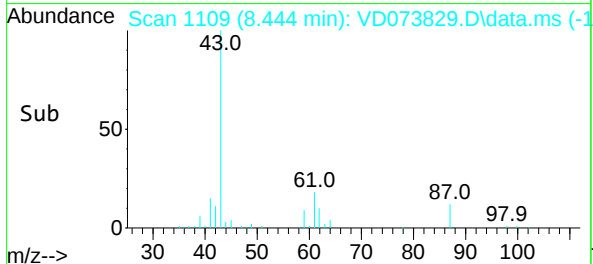
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



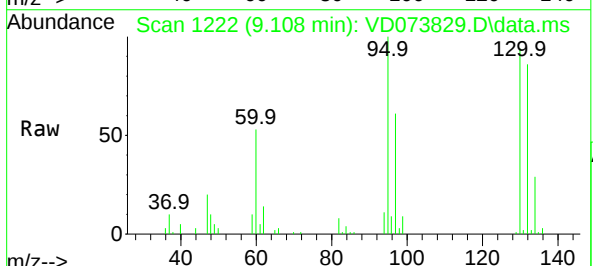
Tgt Ion: 43 Resp: 8566
Ion Ratio Lower Upper
43 100
61 28.3 22.2 33.2
87 12.7 9.7 14.5

Manual Integrations
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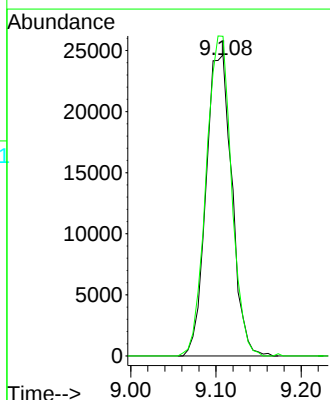
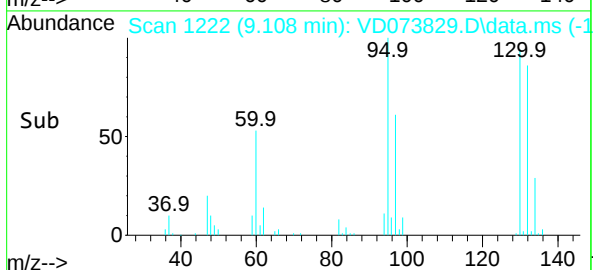
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

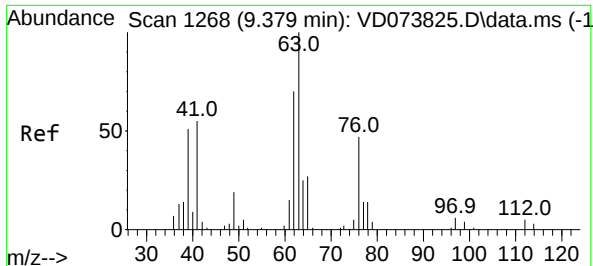


#44
Trichloroethene
Concen: 47.004 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion:130 Resp: 52120
Ion Ratio Lower Upper
130 100
95 106.2 0.0 217.0





#45

1,2-Dichloropropane

Concen: 49.122 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

Tgt Ion: 63 Resp: 61768

Ion Ratio Lower Upper

63 100

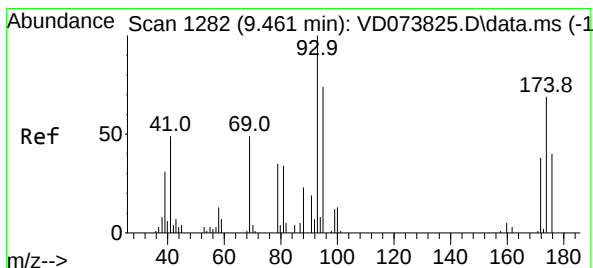
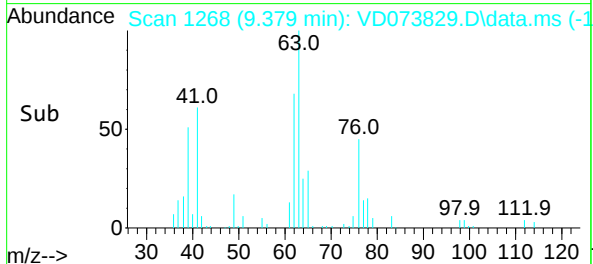
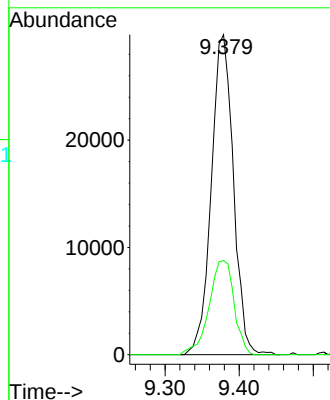
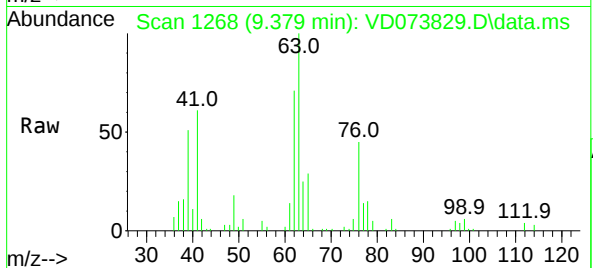
65 29.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#46

Dibromomethane

Concen: 48.607 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

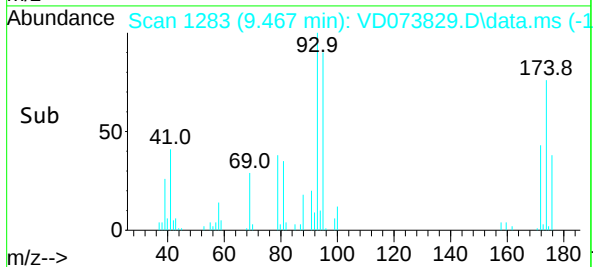
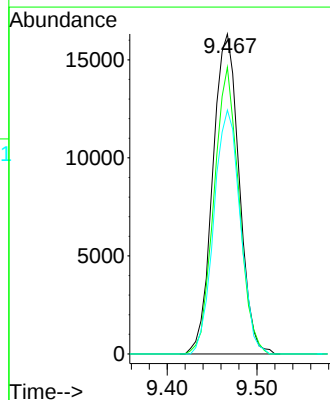
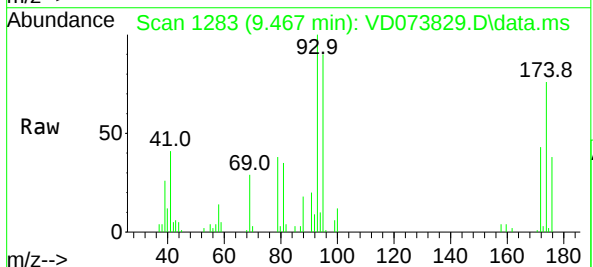
Tgt Ion: 93 Resp: 33261

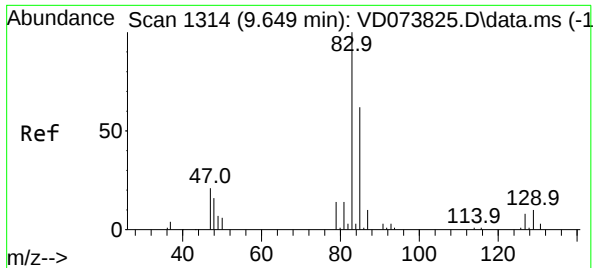
Ion Ratio Lower Upper

93 100

95 84.6 61.8 92.6

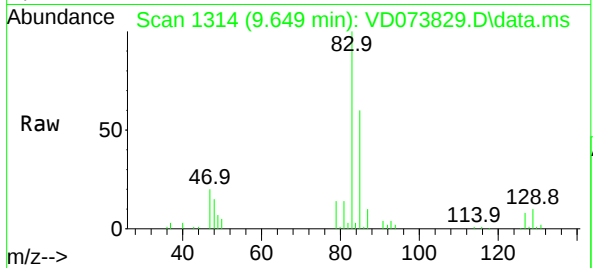
174 76.2 58.7 88.1





#47
Bromodichloromethane
Concen: 49.076 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

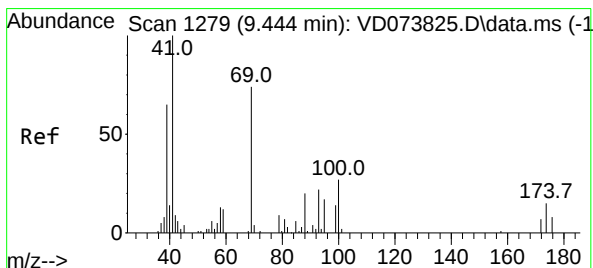
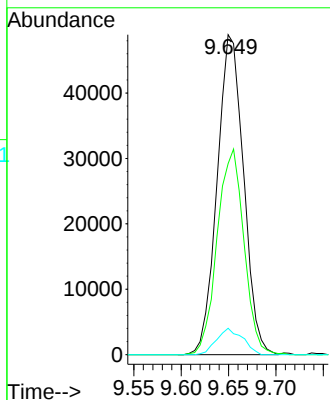
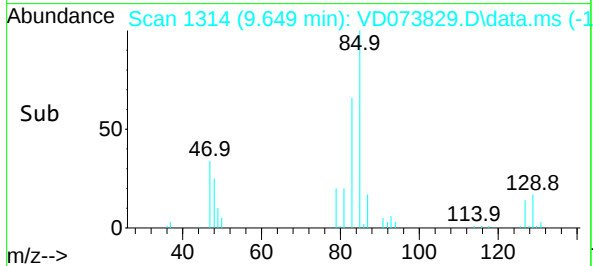
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 83 Resp: 94979
Ion Ratio Lower Upper
83 100
85 59.7 50.0 75.0
127 8.3 6.2 9.2

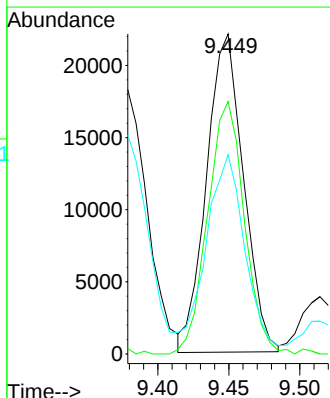
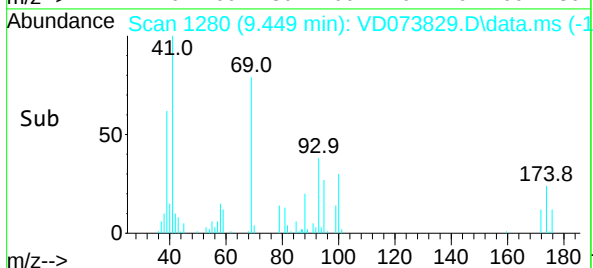
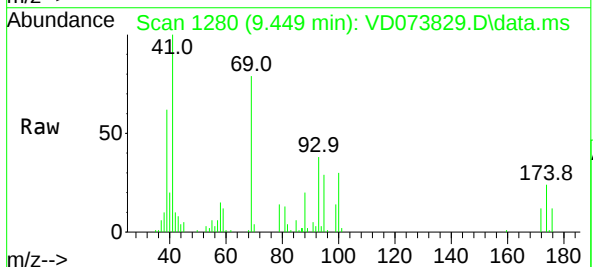
Manual Integrations
APPROVED

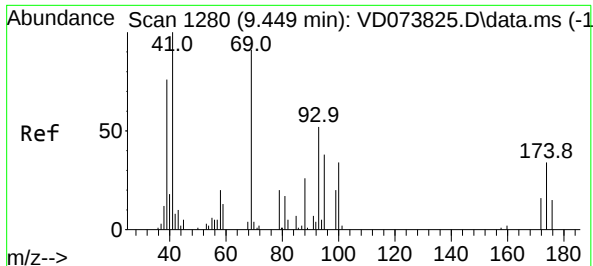
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#48
Methyl methacrylate
Concen: 51.164 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion: 41 Resp: 39937
Ion Ratio Lower Upper
41 100
69 78.5 63.4 95.2
39 65.8 55.6 83.4





#49

1,4-Dioxane

Concen: 1057.953 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

Tgt Ion: 88 Resp: 9254

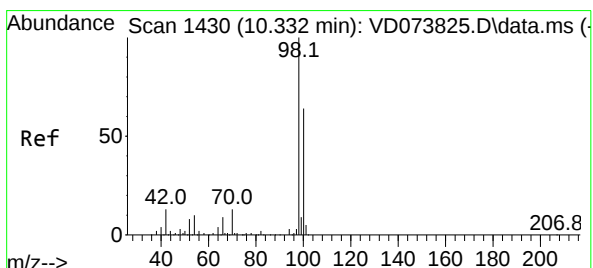
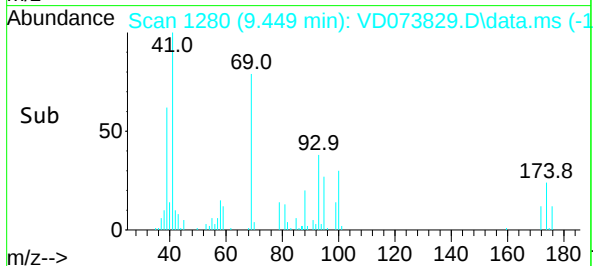
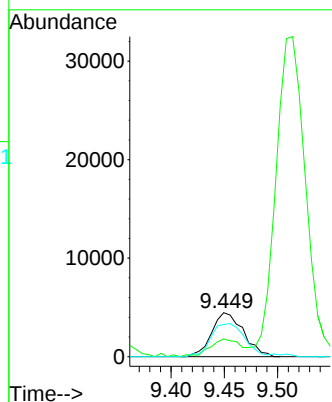
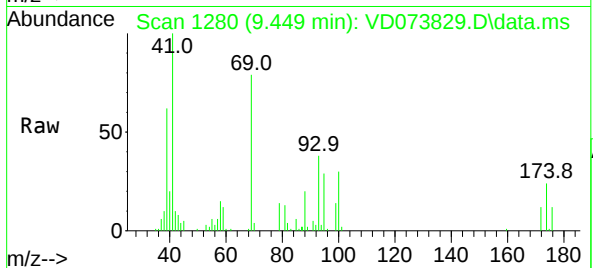
Ion	Ratio	Lower	Upper
88	100		
43	36.9	34.2	51.4
58	79.9	54.8	82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#50

Toluene-d8

Concen: 42.292 ug/l

RT: 10.332 min Scan# 1430

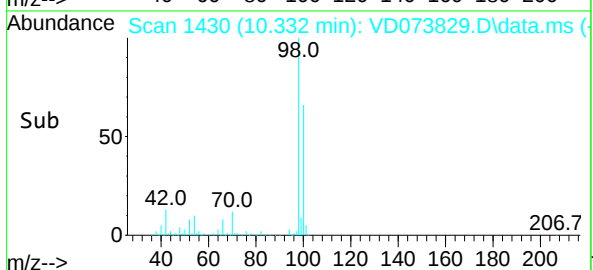
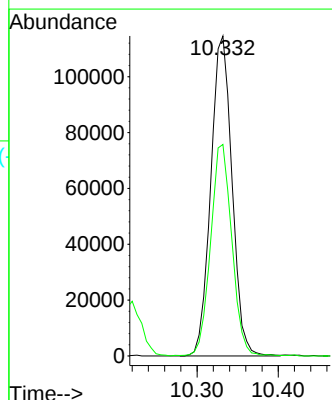
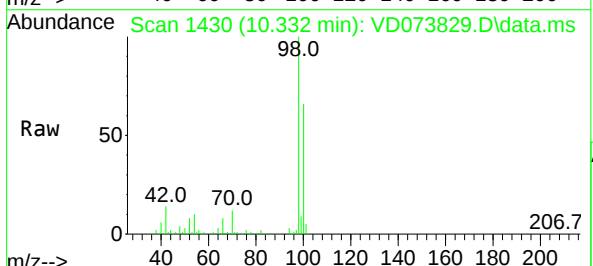
Delta R.T. -0.000 min

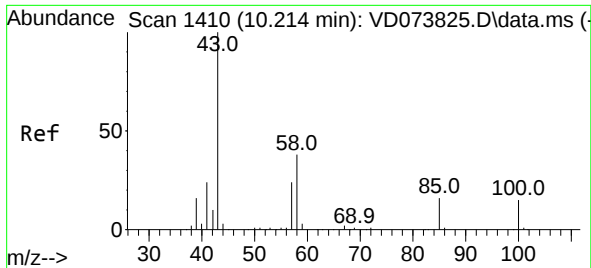
Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Tgt Ion: 98 Resp: 208043

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





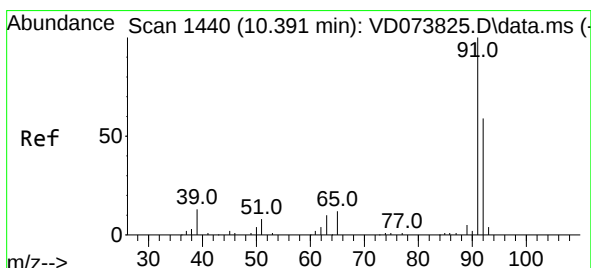
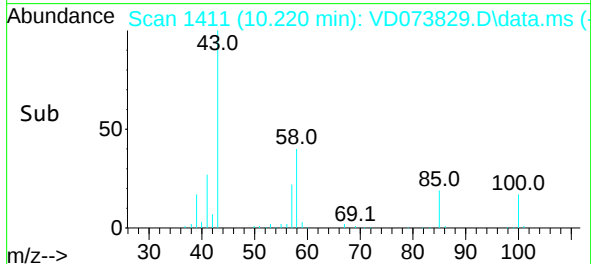
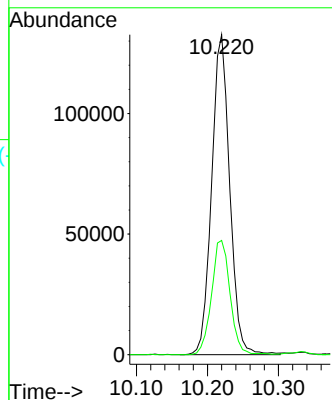
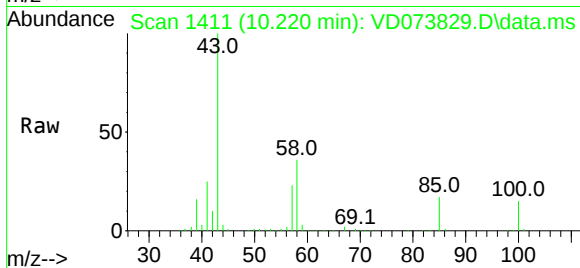
#51
4-Methyl-2-Pentanone
Concen: 256.148 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion: 43 Resp: 234564
Ion Ratio Lower Upper
43 100
58 36.7 29.3 43.9

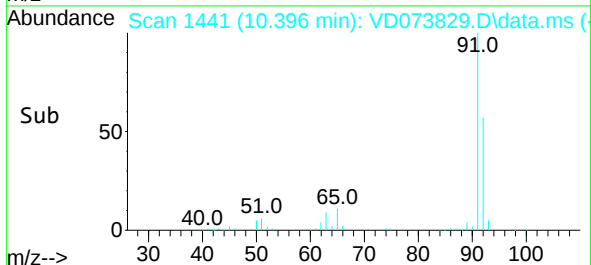
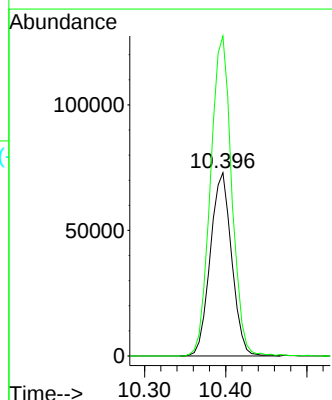
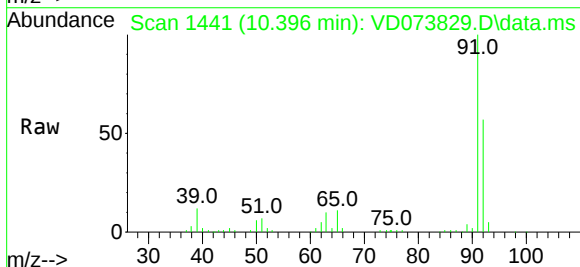
Manual Integrations
APPROVED

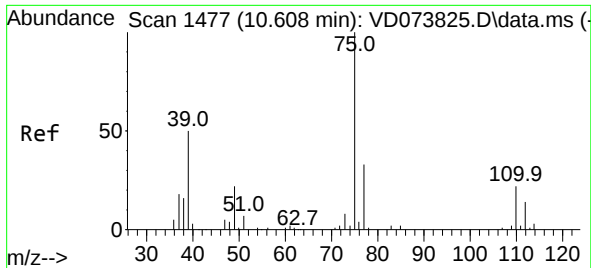
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#52
Toluene
Concen: 46.708 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

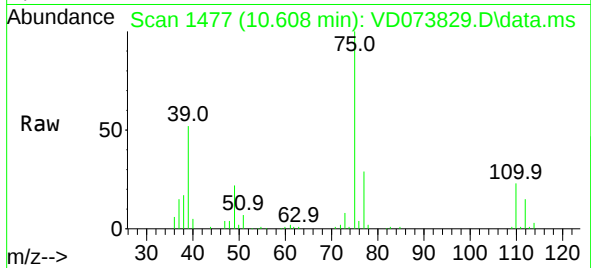
Tgt Ion: 92 Resp: 133283
Ion Ratio Lower Upper
92 100
91 173.7 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 48.220 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

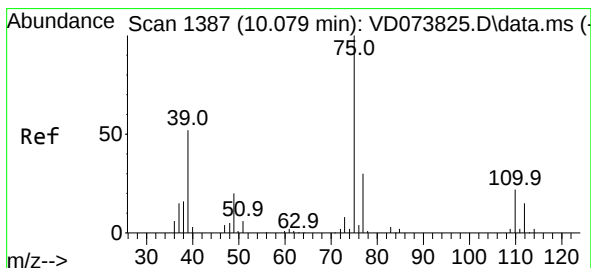
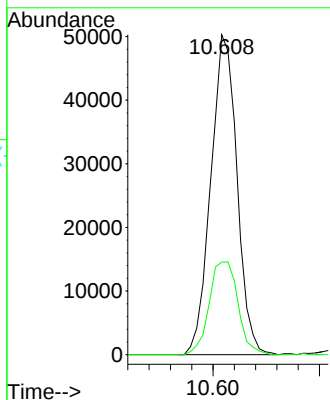
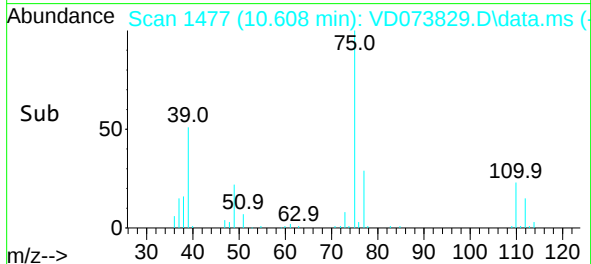
Instrument : MSVOA_D
ClientSampleId : ICVVD071122



Tgt Ion: 75 Resp: 8576
Ion Ratio Lower Upper
75 100
77 28.9 26.4 39.6

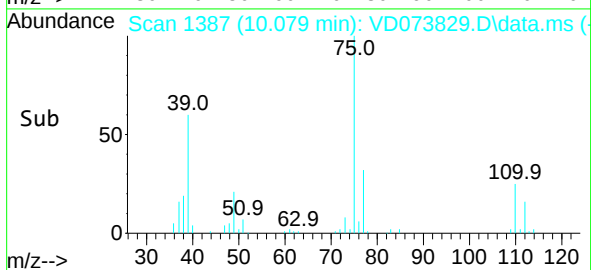
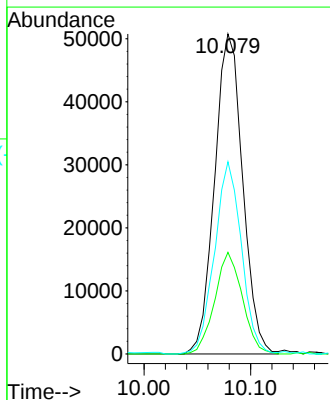
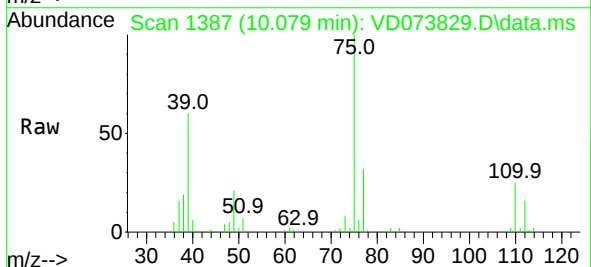
Manual Integrations
APPROVED

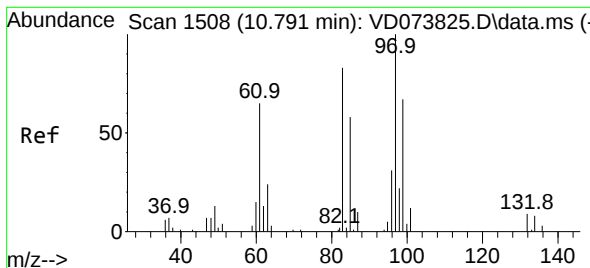
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#54
cis-1,3-Dichloropropene
Concen: 47.269 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

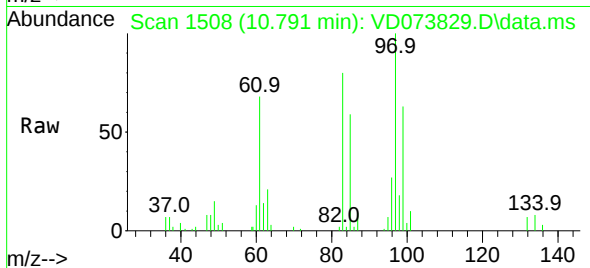
Tgt Ion: 75 Resp: 92940
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 60.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 49.610 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

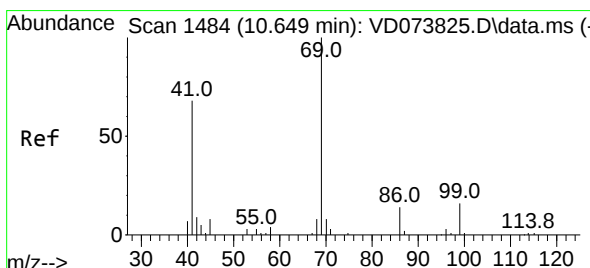
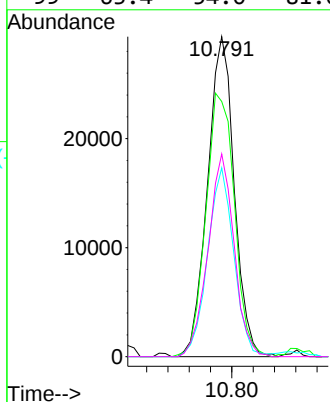
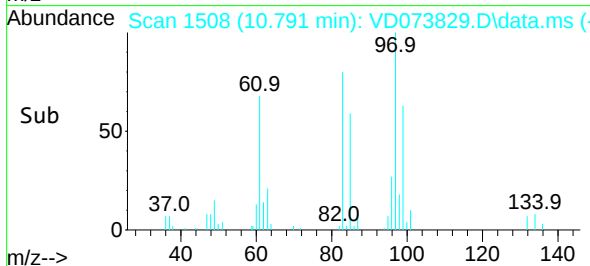
Instrument : MSVOA_D
ClientSampleId : ICVVD071122



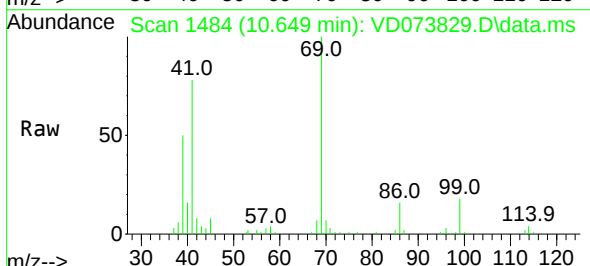
Tgt Ion: 97 Resp: 51083
Ion Ratio Lower Upper
97 100
83 79.1 66.8 100.2
85 59.0 46.6 69.8
99 63.4 54.0 81.0

Manual Integrations
APPROVED

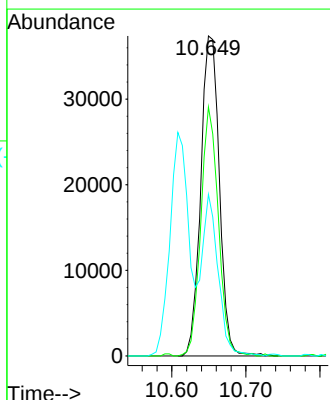
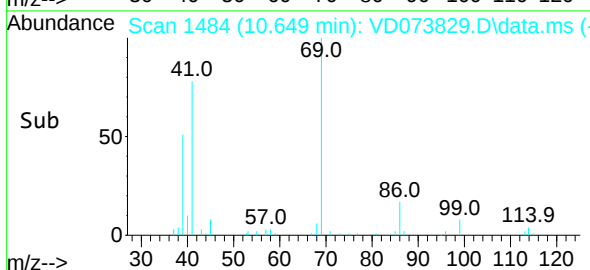
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

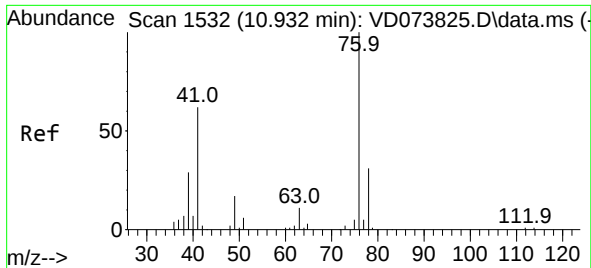


#56
Ethyl methacrylate
Concen: 52.331 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion: 69 Resp: 65193
Ion Ratio Lower Upper
69 100
41 73.7 55.3 82.9
39 44.2 35.9 53.9





#57

1,3-Dichloropropane

Concen: 50.029 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

Tgt Ion: 76 Resp: 87530

Ion Ratio Lower Upper

76 100

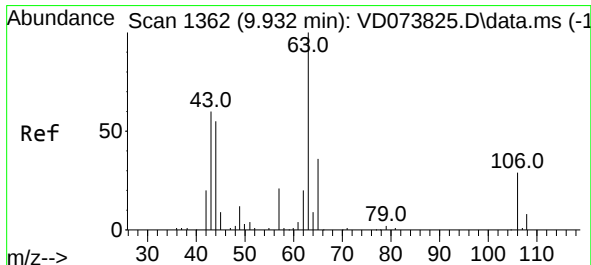
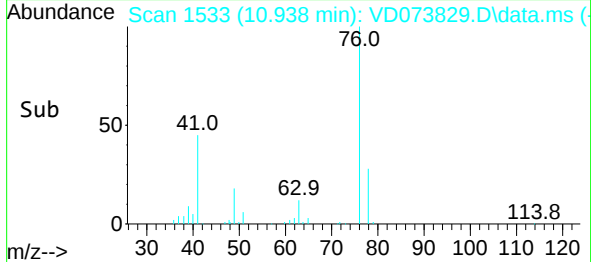
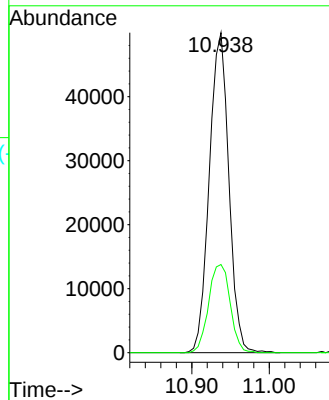
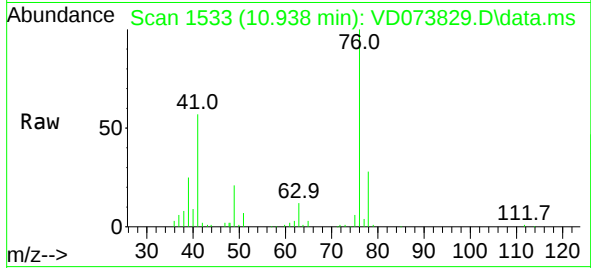
78 30.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 230.327 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073829.D

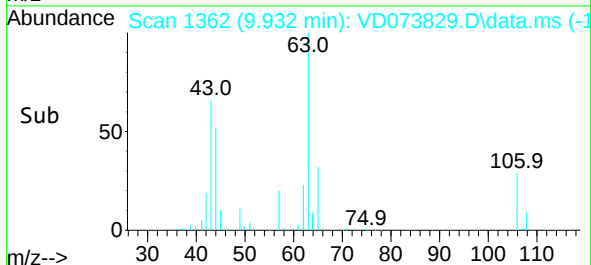
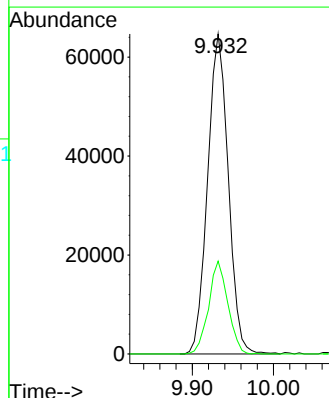
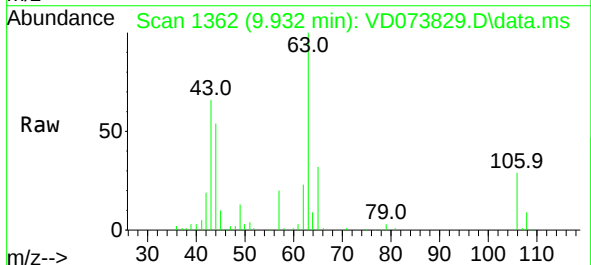
Acq: 11 Jul 2022 18:11

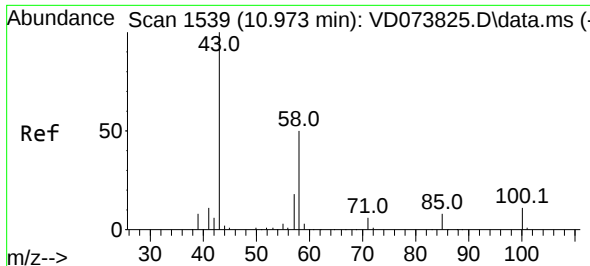
Tgt Ion: 63 Resp: 114296

Ion Ratio Lower Upper

63 100

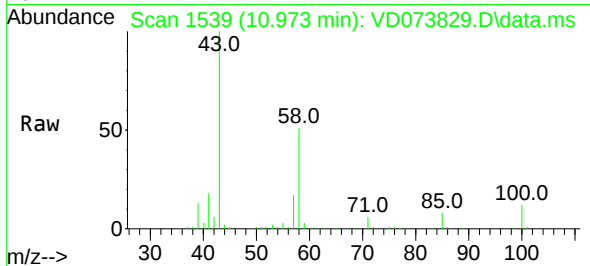
106 27.0 21.3 31.9





#59
2-Hexanone
Concen: 261.840 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

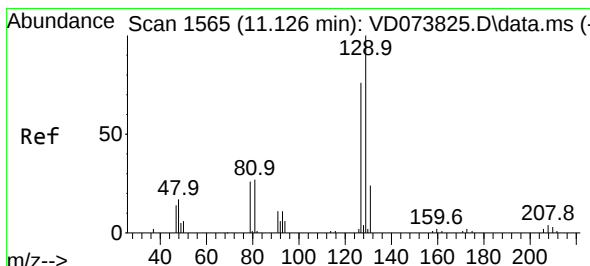
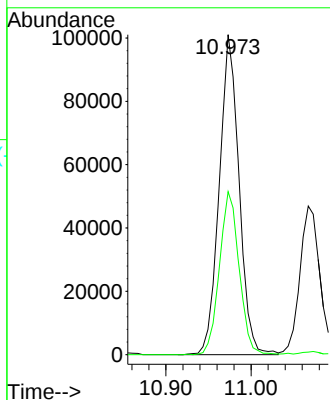
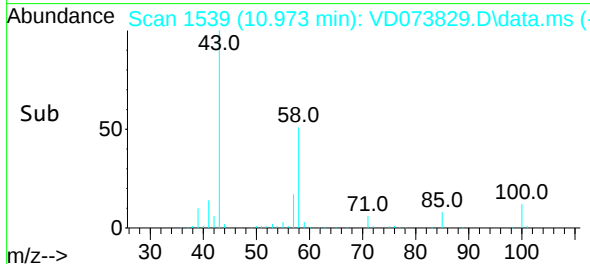
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



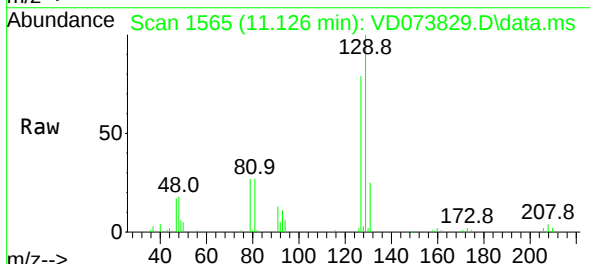
Tgt Ion: 43 Resp: 16324
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9

Manual Integrations
APPROVED

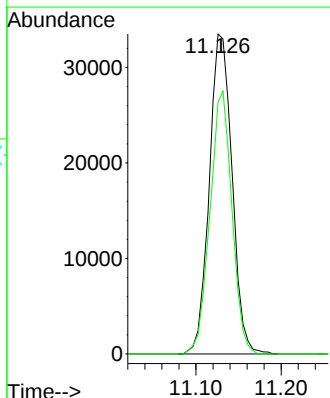
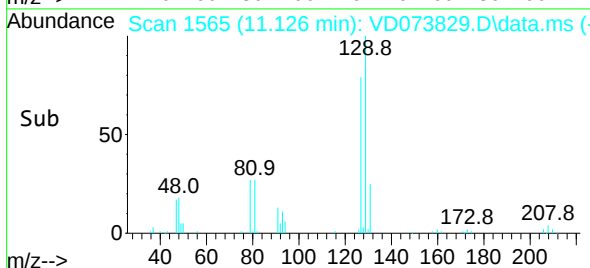
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

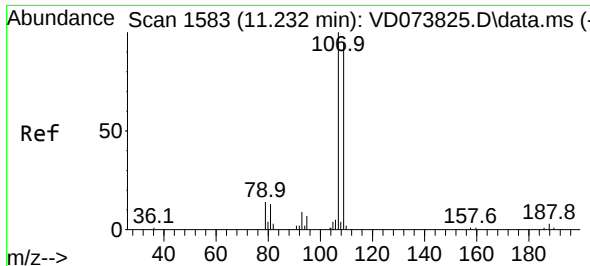


#60
Dibromochloromethane
Concen: 48.664 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



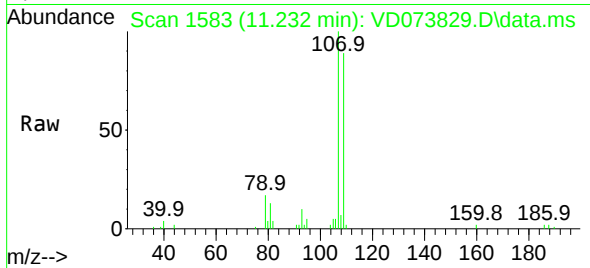
Tgt Ion:129 Resp: 62153
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.772 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

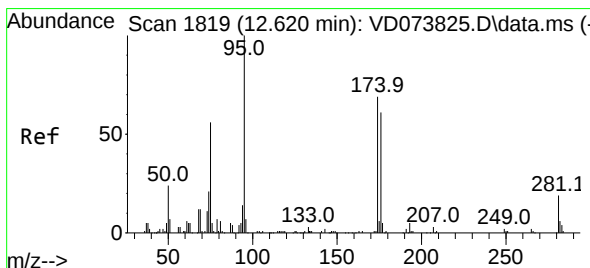
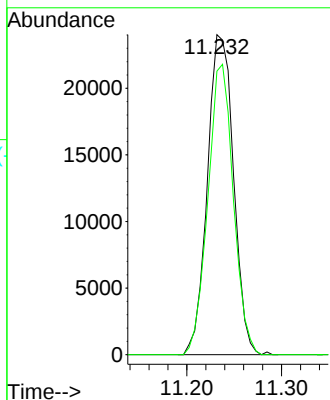
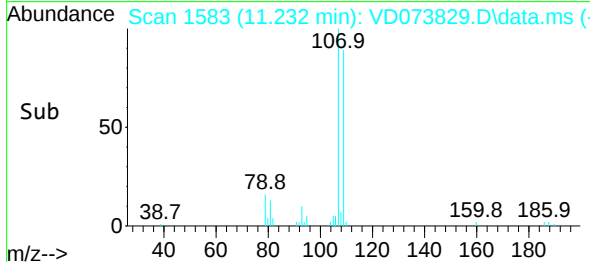
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



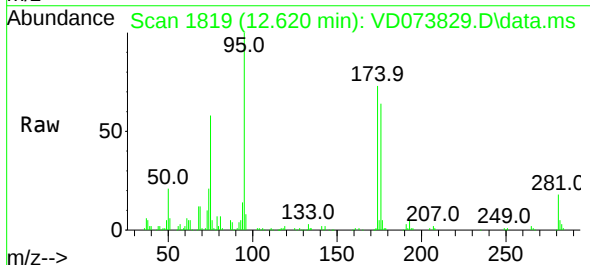
Tgt Ion:107 Resp: 46030
Ion Ratio Lower Upper
107 100
109 88.5 73.2 109.8

Manual Integrations
APPROVED

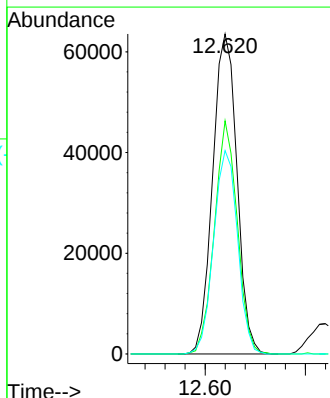
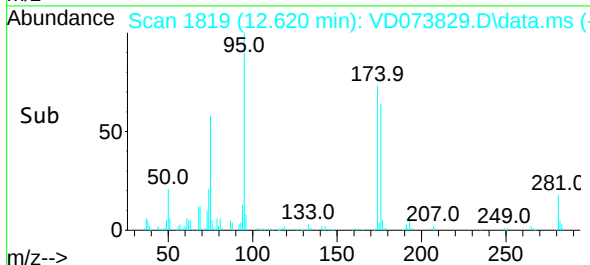
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

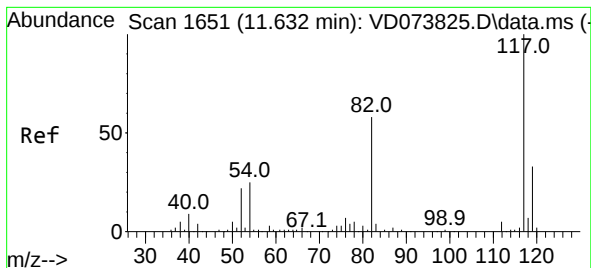


#62
4-Bromofluorobenzene
Concen: 51.127 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



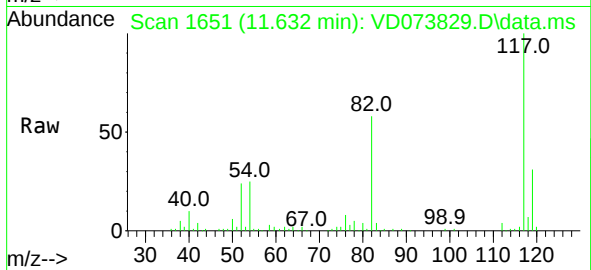
Tgt Ion: 95 Resp: 106565
Ion Ratio Lower Upper
95 100
174 68.4 0.0 131.8
176 62.6 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

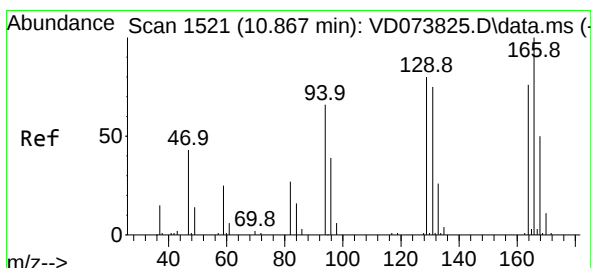
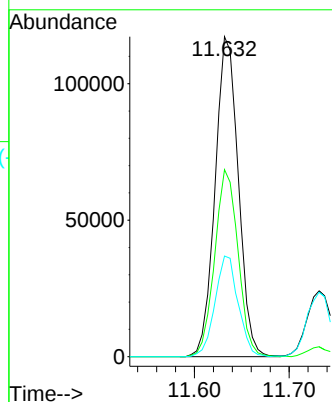
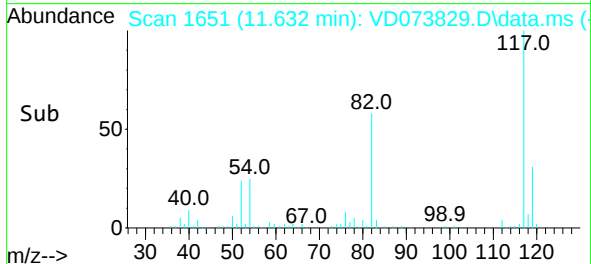
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



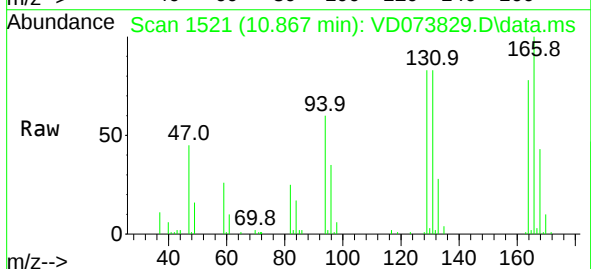
Tgt Ion:117 Resp: 199820
Ion Ratio Lower Upper
117 100
82 58.4 46.6 69.8
119 31.4 26.1 39.1

Manual Integrations
APPROVED

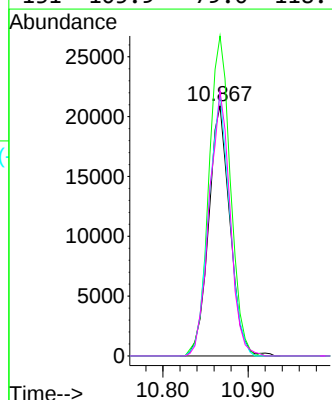
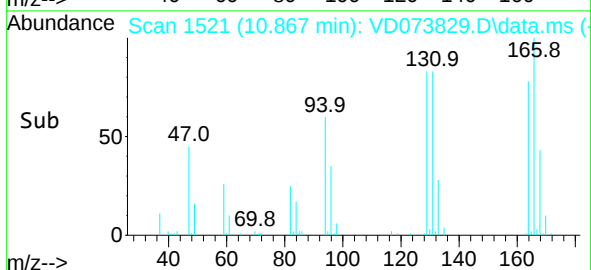
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

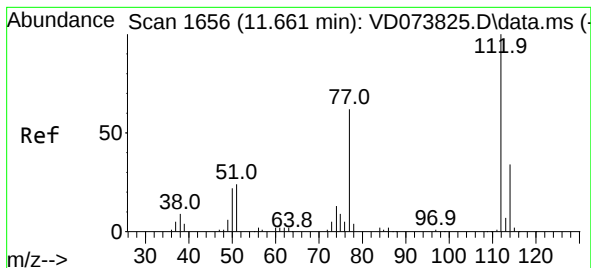


#64
Tetrachloroethene
Concen: 42.100 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



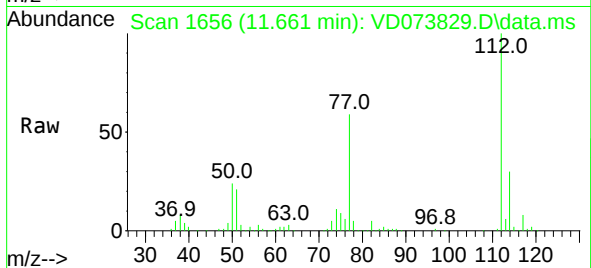
Tgt Ion:164 Resp: 36224
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.6
129 105.6 83.8 125.8
131 105.9 79.0 118.4





#65
Chlorobenzene
Concen: 47.660 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

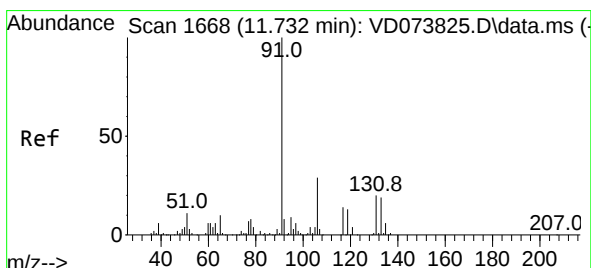
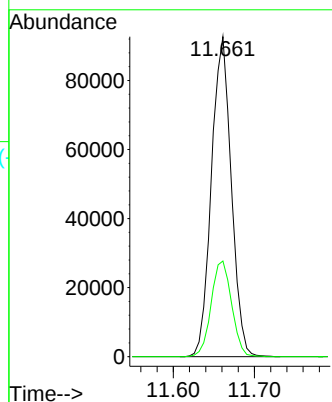
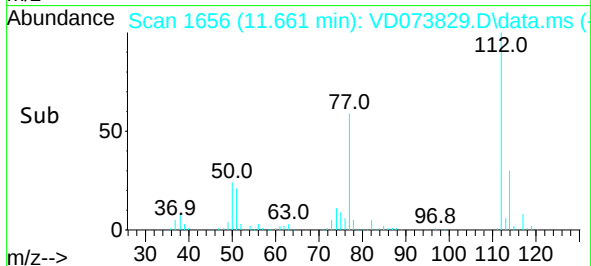
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion:112 Resp: 15744
Ion Ratio Lower Upper
112 100
114 29.9 27.1 40.7

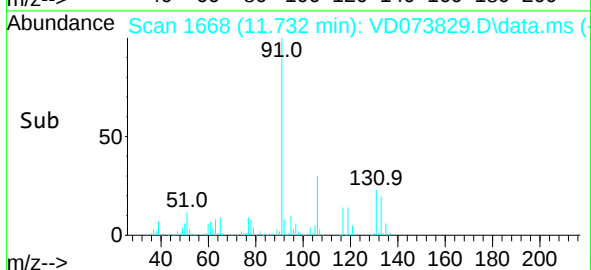
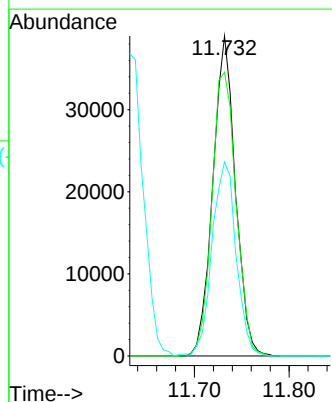
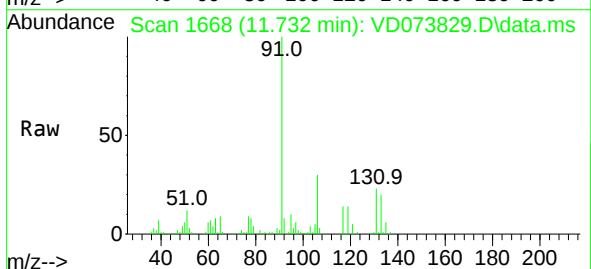
Manual Integrations
APPROVED

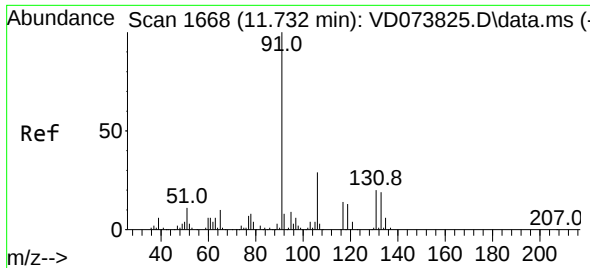
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.125 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

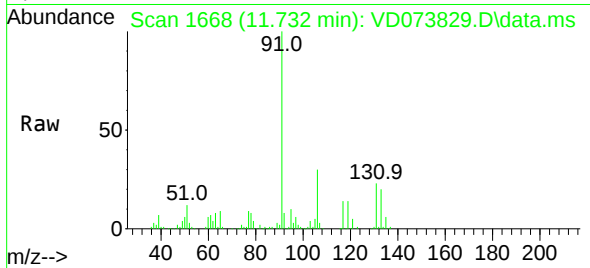
Tgt Ion:131 Resp: 64436
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 64.8 32.6 98.0





#67
Ethyl Benzene
Concen: 46.437 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

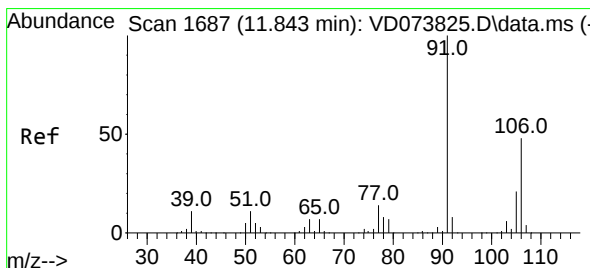
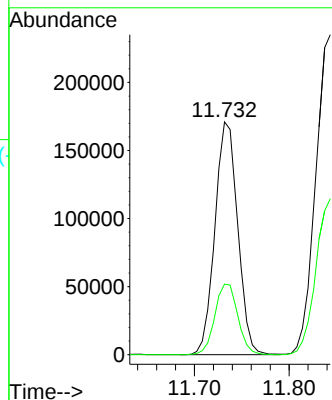
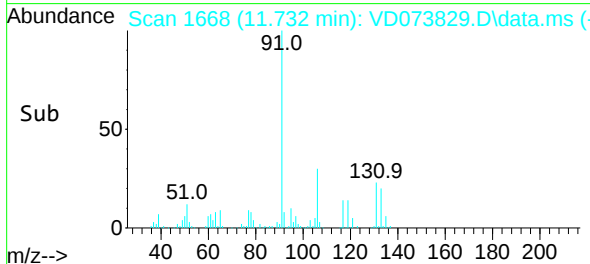
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



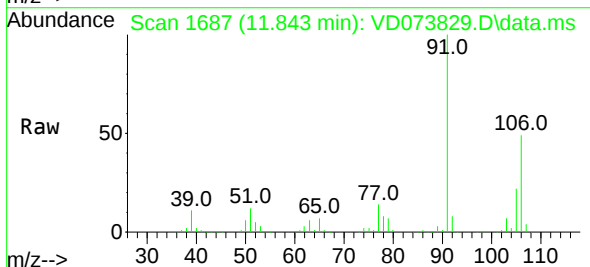
Tgt Ion: 91 Resp: 286210
Ion Ratio Lower Upper
91 100
106 30.3 23.2 34.8

Manual Integrations
APPROVED

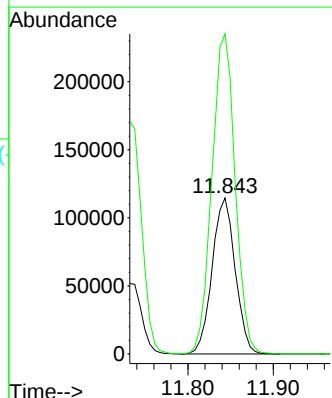
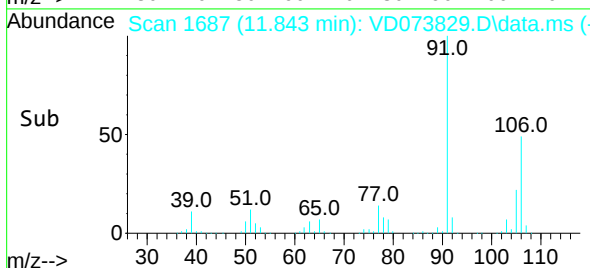
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

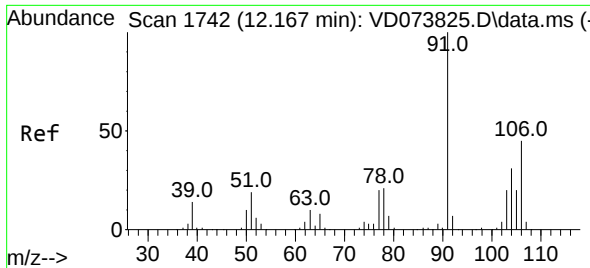


#68
m/p-Xylenes
Concen: 95.107 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion:106 Resp: 214976
Ion Ratio Lower Upper
106 100
91 206.9 167.0 250.4





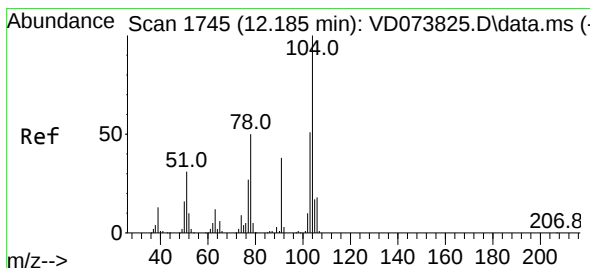
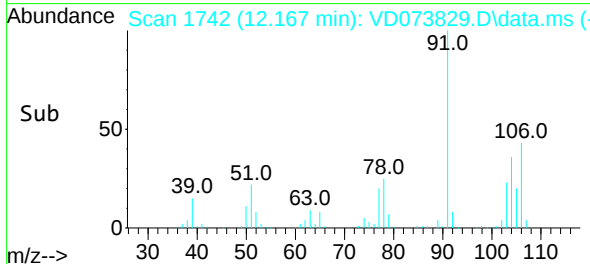
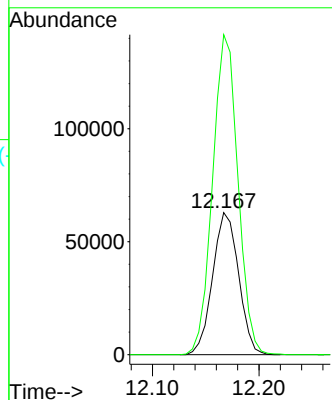
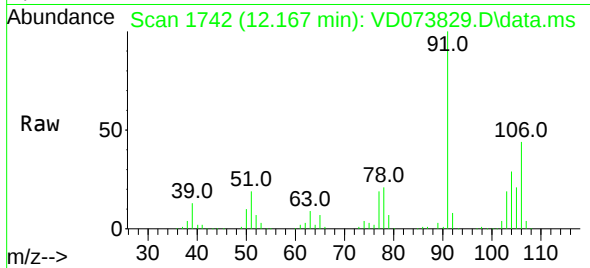
#69
o-Xylene
Concen: 47.496 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion:106 Resp: 106438
Ion Ratio Lower Upper
106 100
91 219.4 110.4 331.2

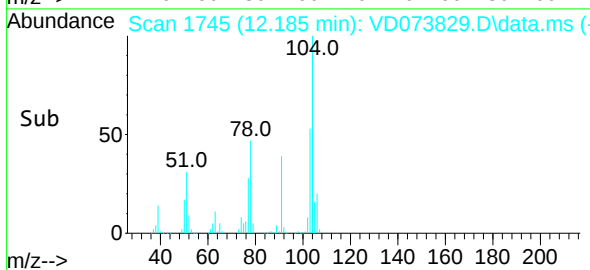
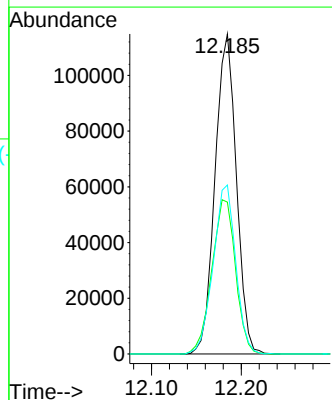
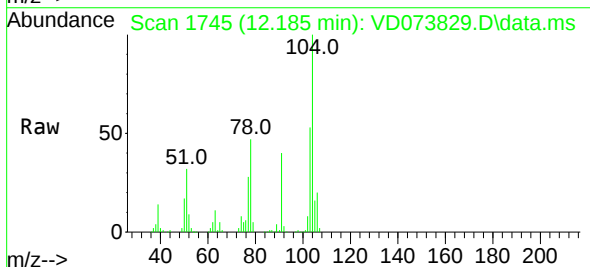
Manual Integrations
APPROVED

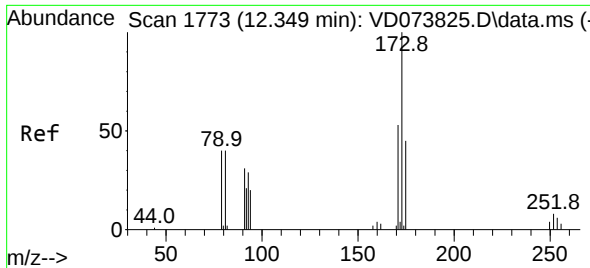
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#70
Styrene
Concen: 48.854 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion:104 Resp: 189570
Ion Ratio Lower Upper
104 100
78 53.6 42.8 64.2
103 55.8 44.5 66.7





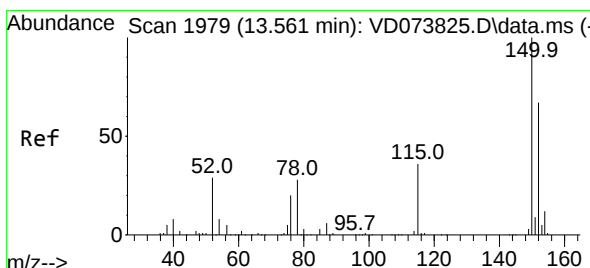
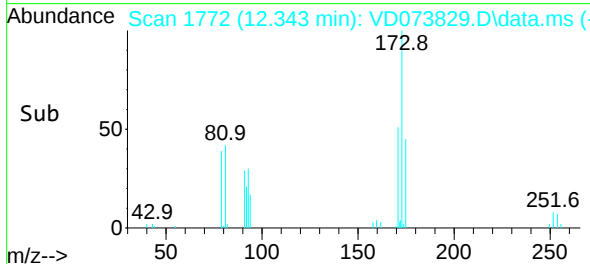
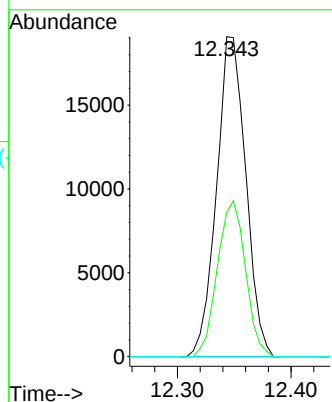
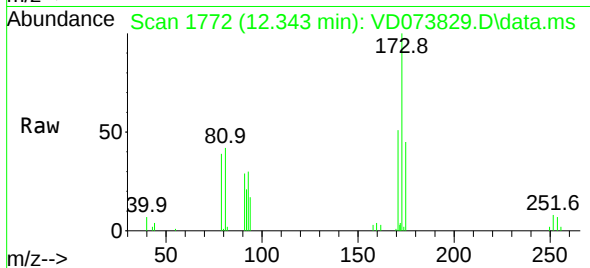
#71
Bromoform
Concen: 50.098 ug/l
RT: 12.343 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Tgt Ion:173 Resp: 34085
Ion Ratio Lower Upper
173 100
175 46.7 23.4 70.0
254 0.0 0.0 0.0

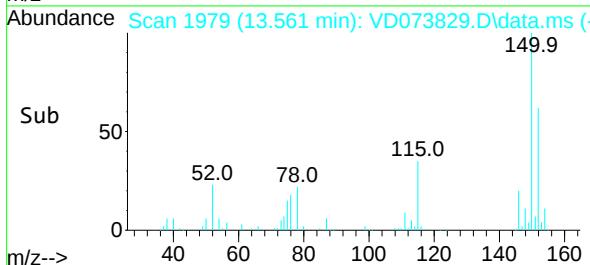
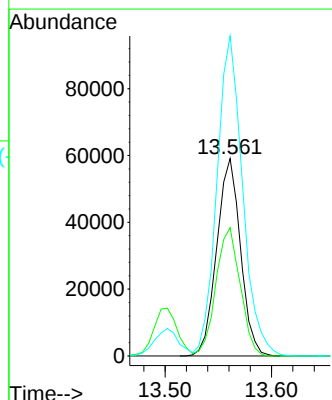
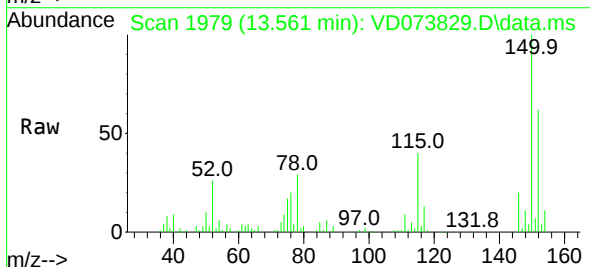
Manual Integrations
APPROVED

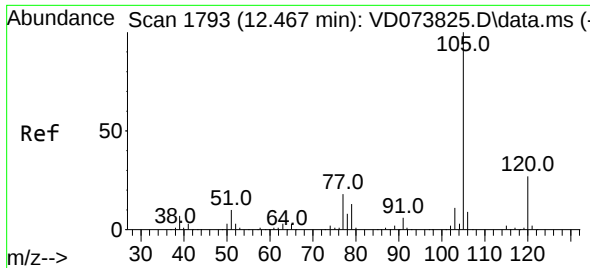
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

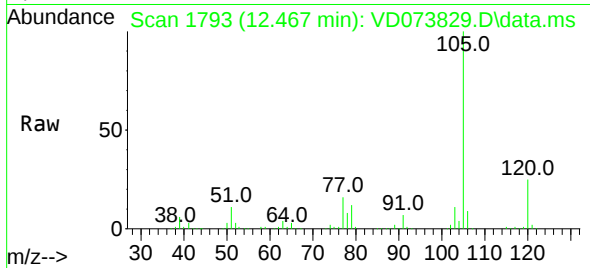
Tgt Ion:152 Resp: 91446
Ion Ratio Lower Upper
152 100
115 66.2 33.5 100.5
150 175.3 0.0 343.2





#73
Isopropylbenzene
Concen: 47.659 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

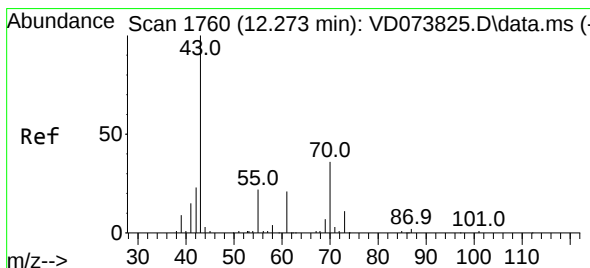
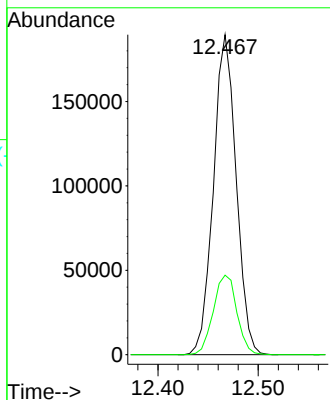
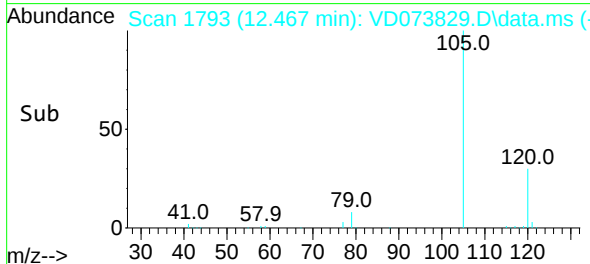
Instrument : MSVOA_D
ClientSampleId : ICVVD071122



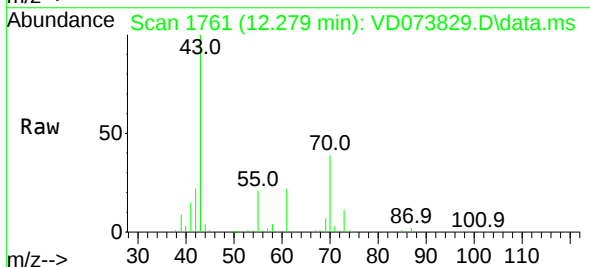
Tgt Ion:105 Resp: 29784
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Manual Integrations
APPROVED

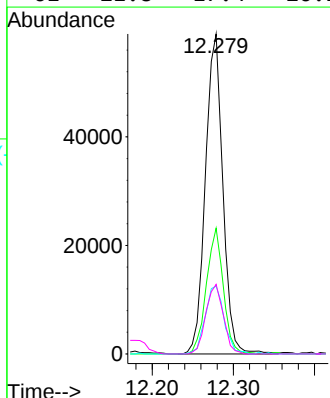
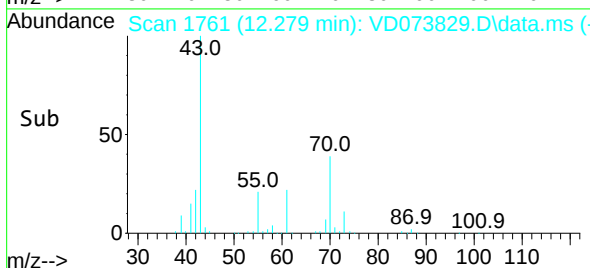
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

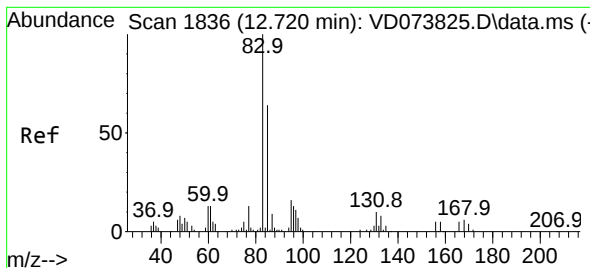


#74
N-ethyl acetate
Concen: 51.328 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



Tgt Ion: 43 Resp: 88016
Ion Ratio Lower Upper
43 100
70 38.1 30.0 45.0
55 23.0 17.4 26.0
61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.794 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

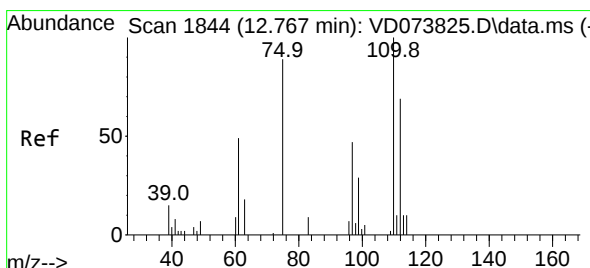
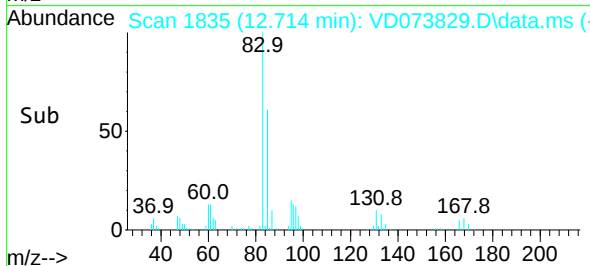
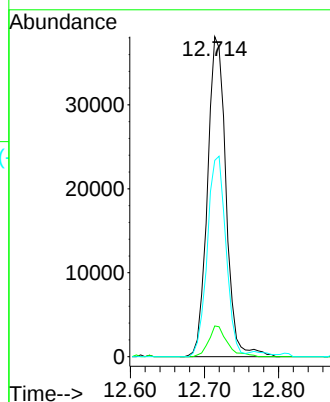
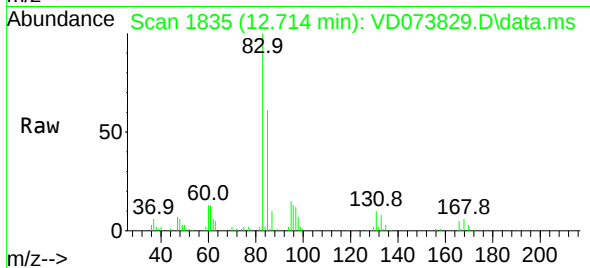
Tgt Ion: 83 Resp: 66008
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.2
 85 63.4 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#76

1,2,3-Trichloropropane

Concen: 44.522 ug/l m

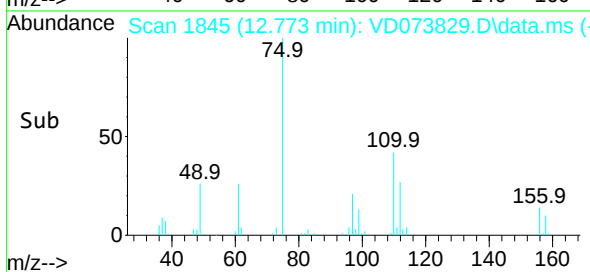
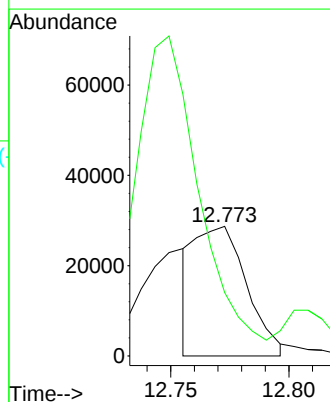
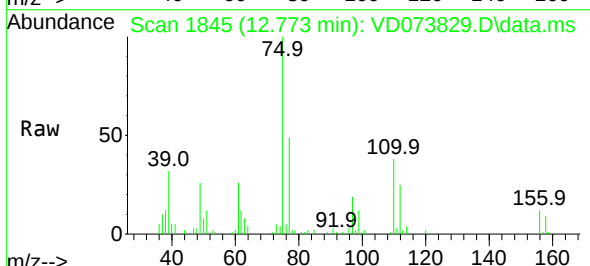
RT: 12.773 min Scan# 1845

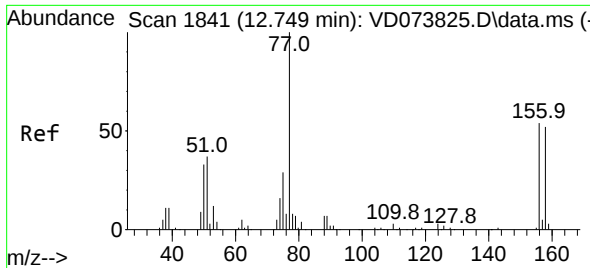
Delta R.T. 0.006 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

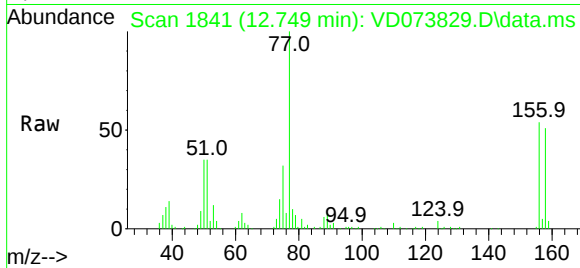
Tgt Ion: 75 Resp: 44045
 Ion Ratio Lower Upper
 75 100
 77 0.0 138.0 414.0#





#77
Bromobenzene
Concen: 47.862 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

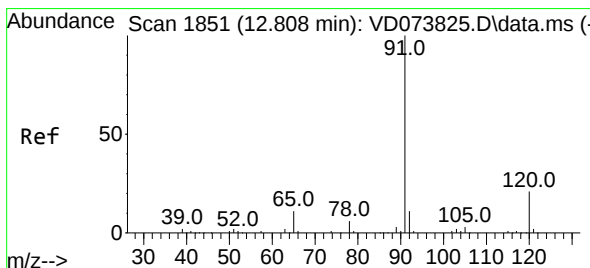
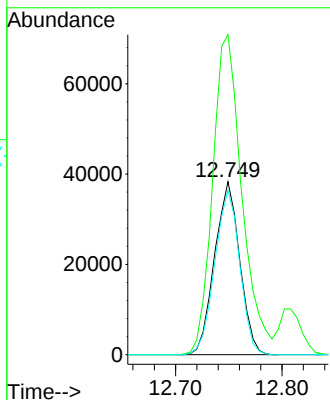
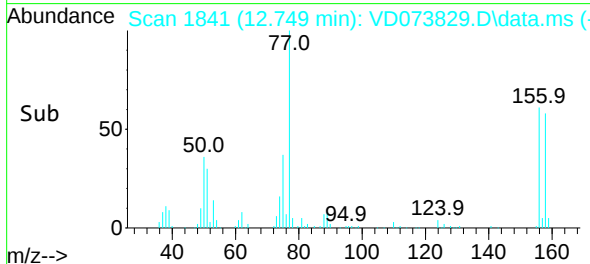
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



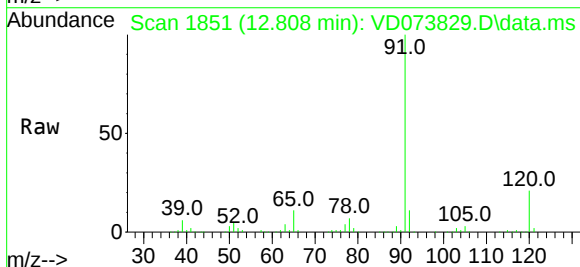
Tgt Ion:156 Resp: 6268
Ion Ratio Lower Upper
156 100
77 215.3 110.1 330.3
158 94.2 48.3 144.9

Manual Integrations
APPROVED

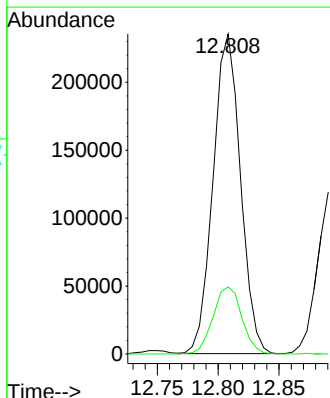
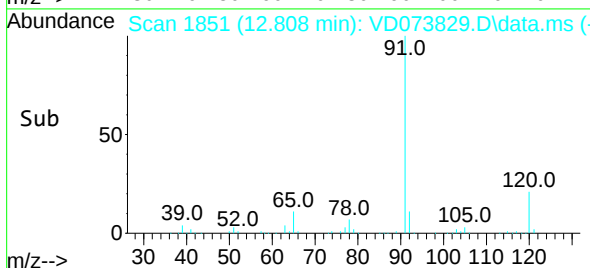
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

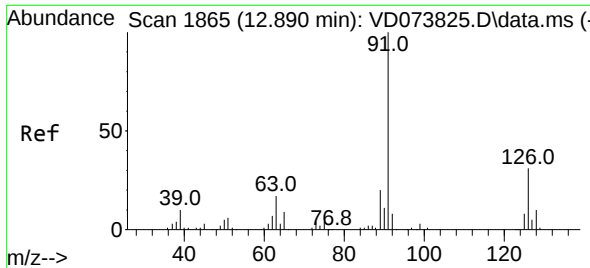


#78
n-propylbenzene
Concen: 46.652 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



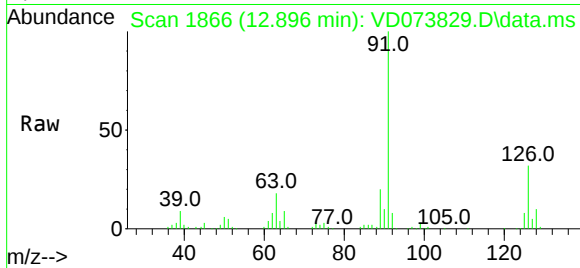
Tgt Ion: 91 Resp: 368258
Ion Ratio Lower Upper
91 100
120 22.0 10.5 31.6





#79
2-Chlorotoluene
Concen: 46.576 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

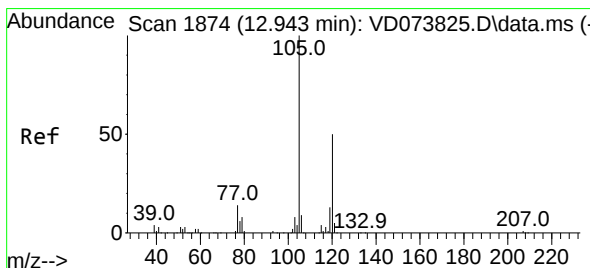
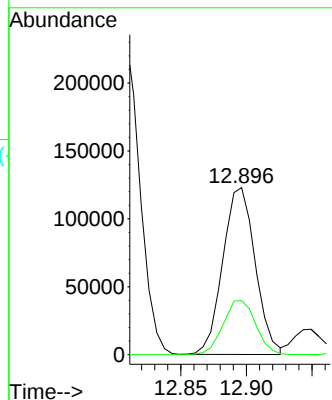
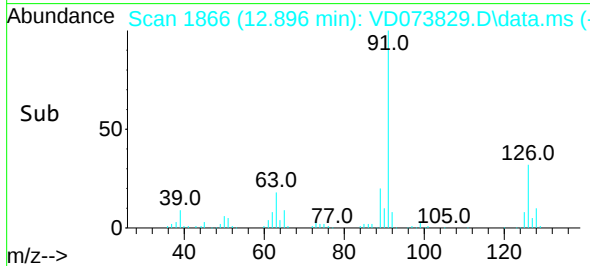
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



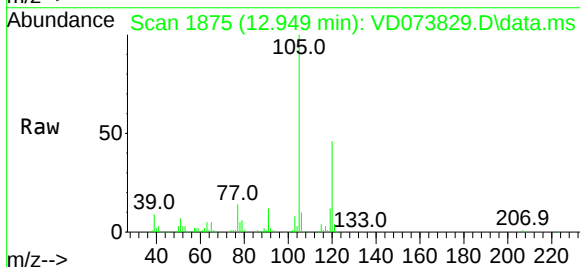
Tgt Ion: 91 Resp: 211440
Ion Ratio Lower Upper
91 100
126 32.7 15.9 47.7

Manual Integrations
APPROVED

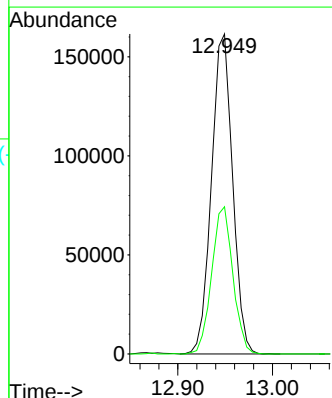
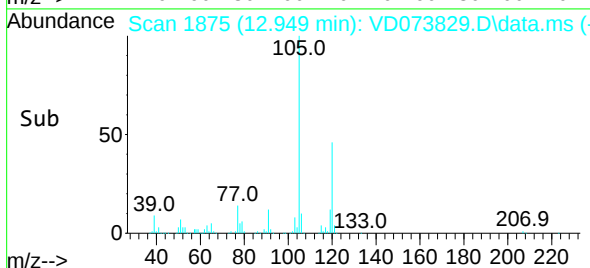
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

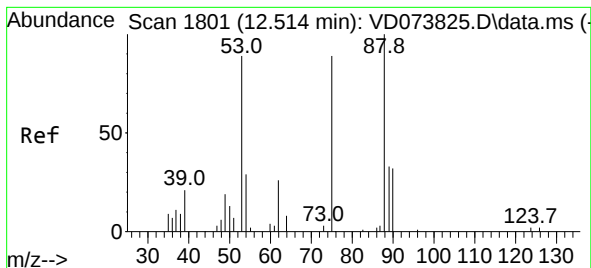


#80
1,3,5-Trimethylbenzene
Concen: 48.022 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



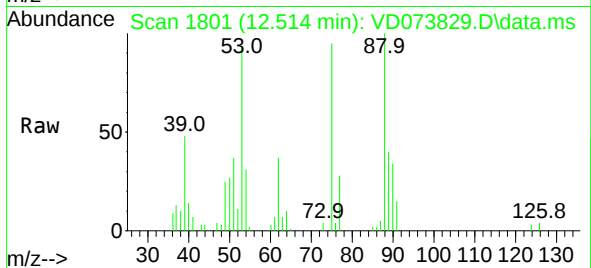
Tgt Ion:105 Resp: 250198
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.059 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

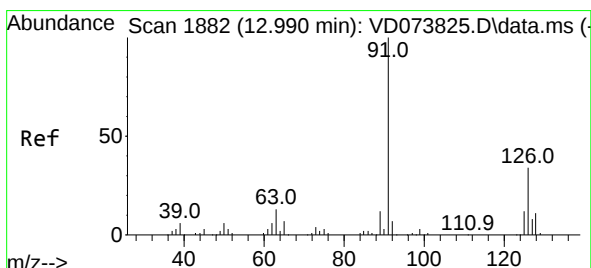
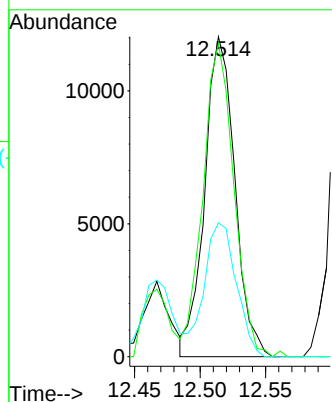
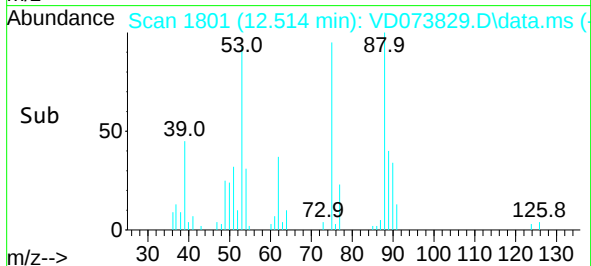
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



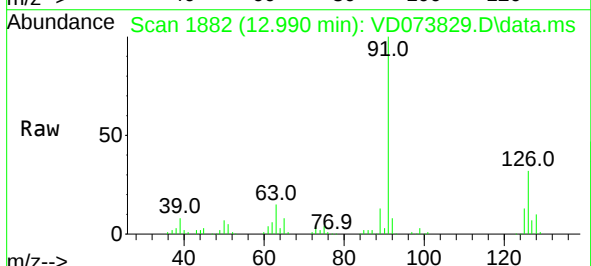
Tgt Ion: 75 Resp: 19220
Ion Ratio Lower Upper
75 100
53 100.6 79.3 118.9
89 44.0 34.8 52.2

Manual Integrations
APPROVED

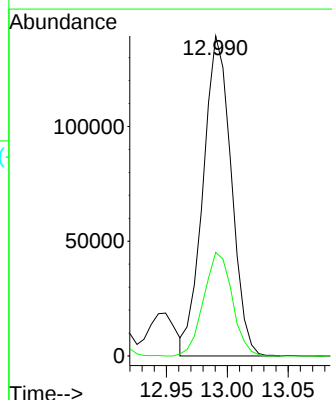
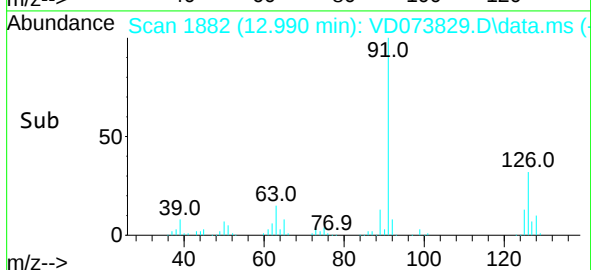
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

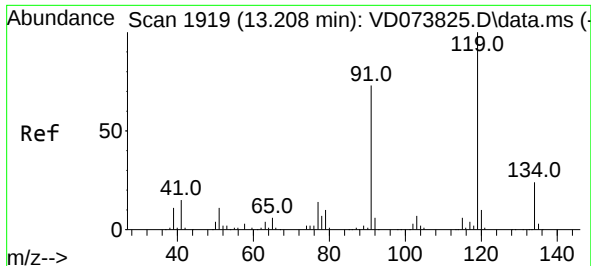


#82
4-Chlorotoluene
Concen: 47.216 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



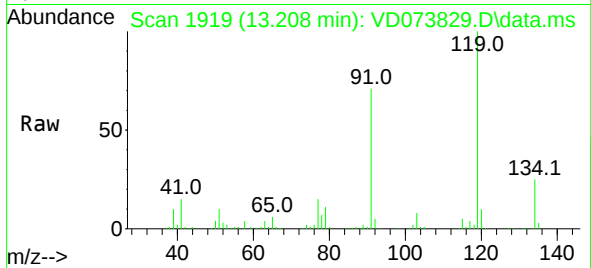
Tgt Ion: 91 Resp: 224182
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.5





#83
tert-Butylbenzene
Concen: 47.404 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

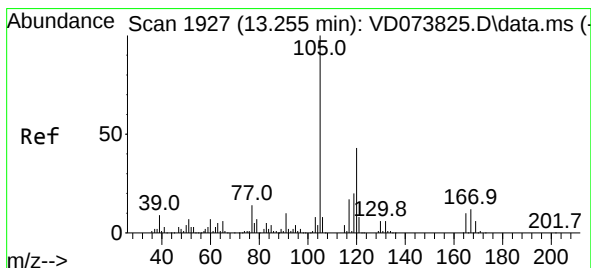
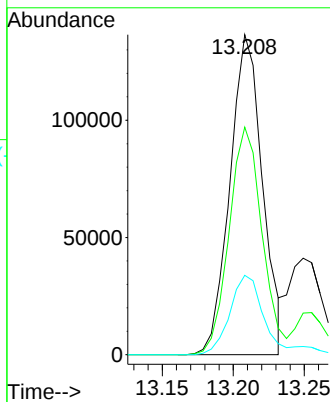
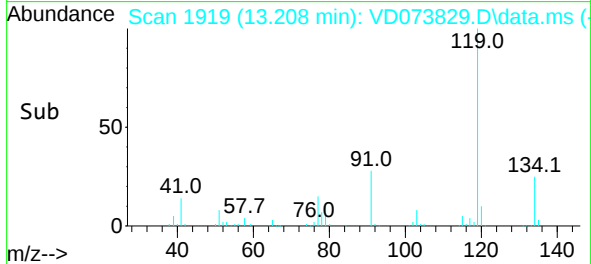
Instrument : MSVOA_D
ClientSampleId : ICVVD071122



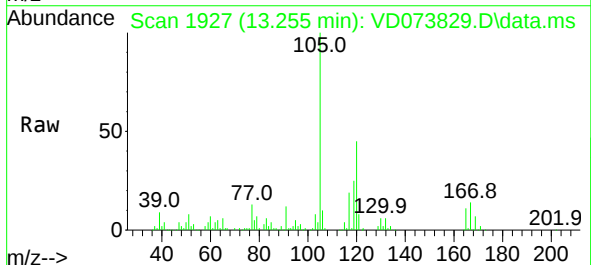
Tgt Ion:119 Resp: 21764
Ion Ratio Lower Upper
119 100
91 72.0 36.0 108.0
134 27.1 13.1 39.1

Manual Integrations
APPROVED

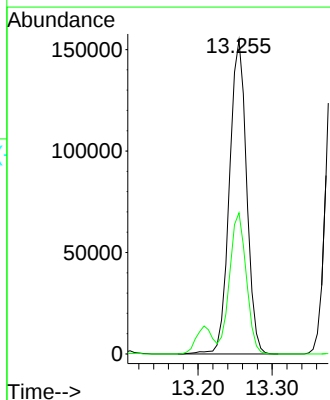
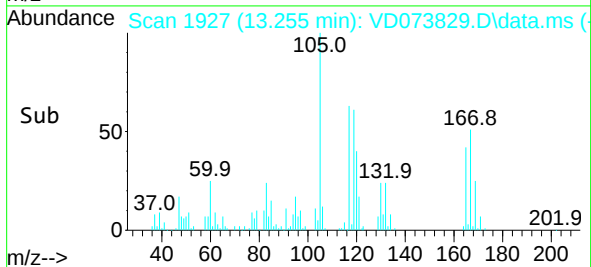
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

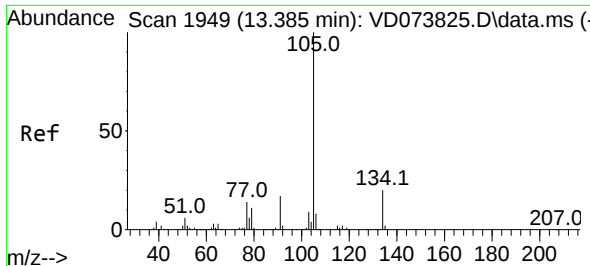


#84
1,2,4-Trimethylbenzene
Concen: 47.514 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11



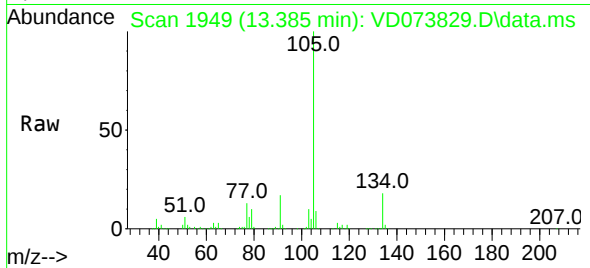
Tgt Ion:105 Resp: 248335
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 47.367 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11

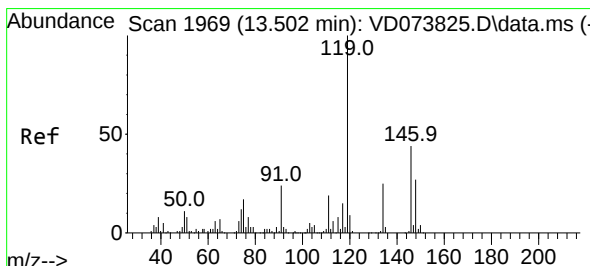
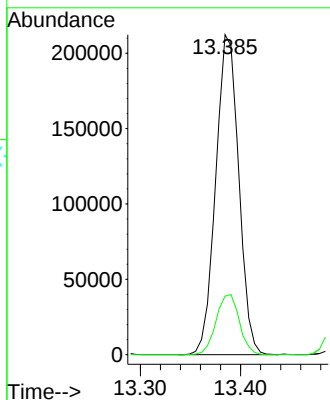
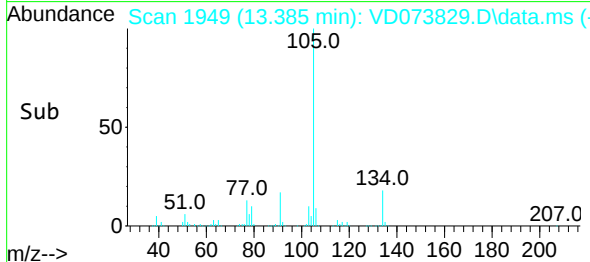
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071122



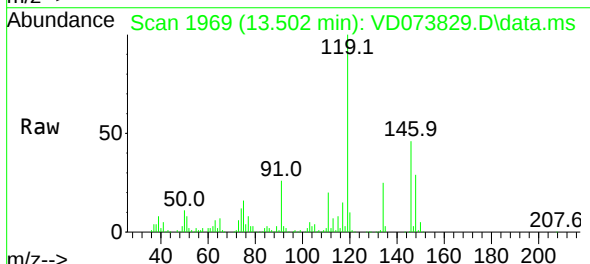
Tgt Ion:105 Resp: 33812
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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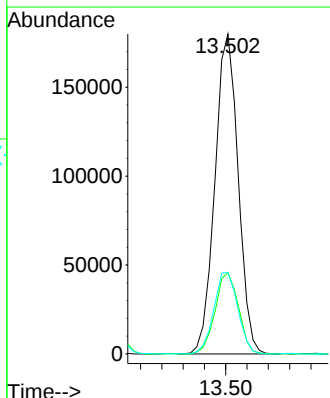
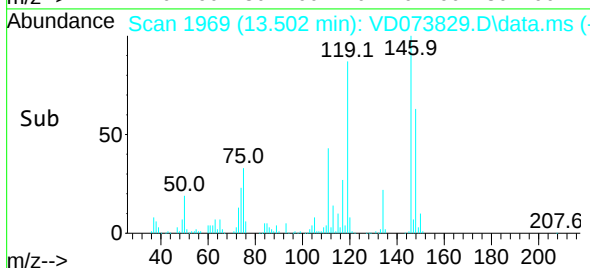
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

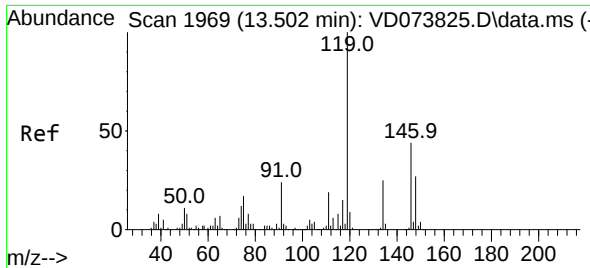


#86
 p-Isopropyltoluene
 Concen: 47.424 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11



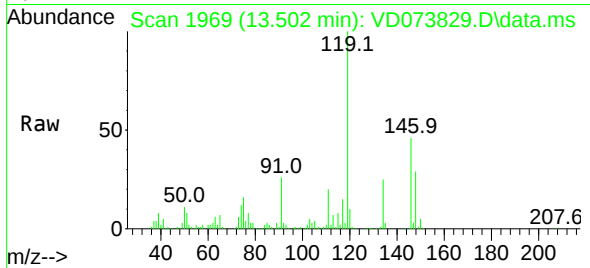
Tgt Ion:119 Resp: 272594
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 26.4 13.0 38.9





#87
 1,3-Dichlorobenzene
 Concen: 47.910 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11

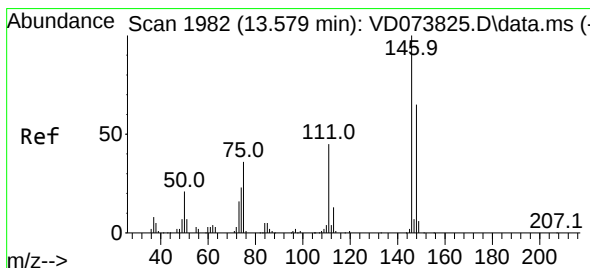
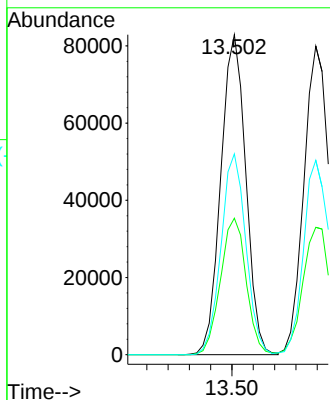
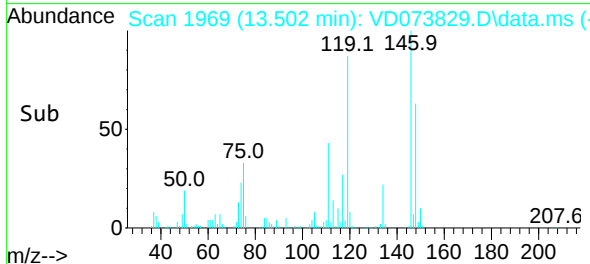
Instrument : MSVOA_D
 ClientSampleId : ICVVD071122



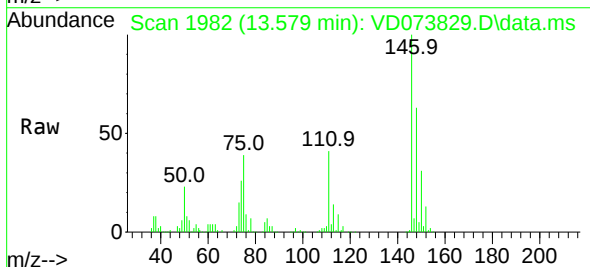
Tgt Ion:146 Resp: 134870
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 62.5 31.6 94.8

Manual Integrations
 APPROVED

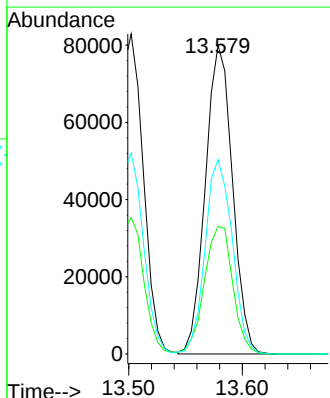
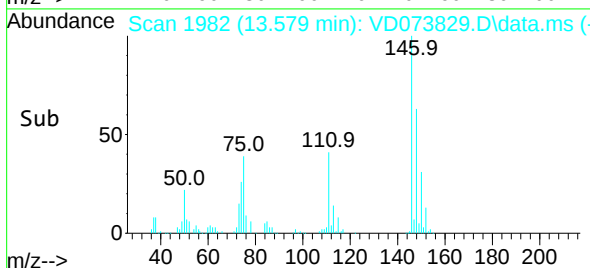
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

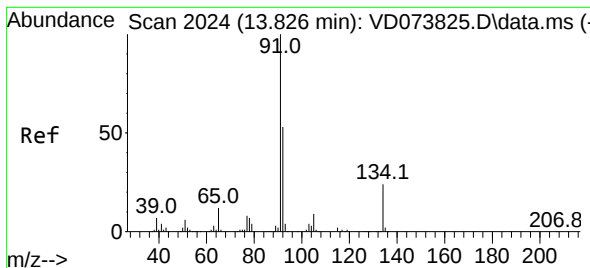


#88
 1,4-Dichlorobenzene
 Concen: 48.170 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073829.D
 Acq: 11 Jul 2022 18:11



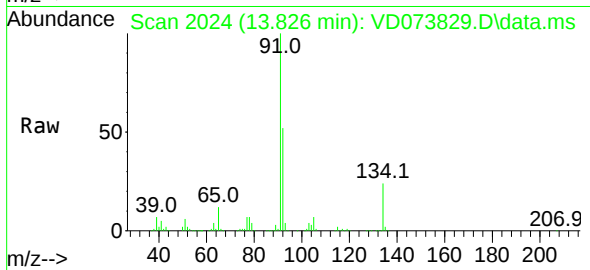
Tgt Ion:146 Resp: 132787
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.9 65.7
 148 63.2 32.4 97.0





#89
n-Butylbenzene
Concen: 47.812 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

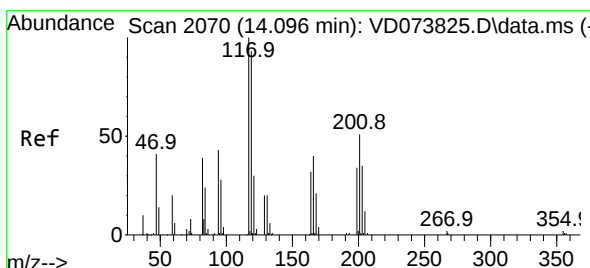
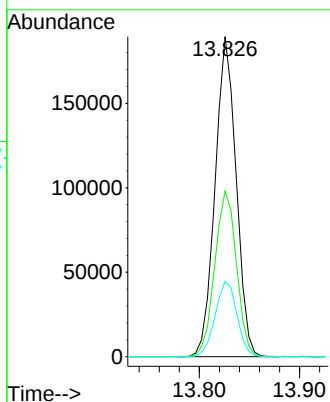
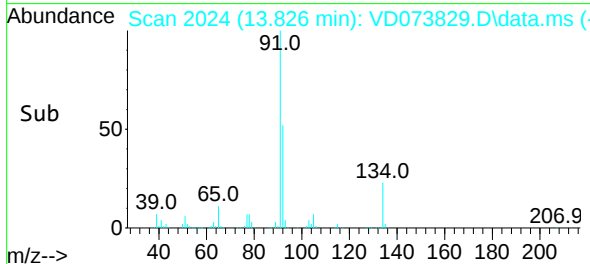
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion: 91 Resp: 275769
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 24.3 11.6 34.7

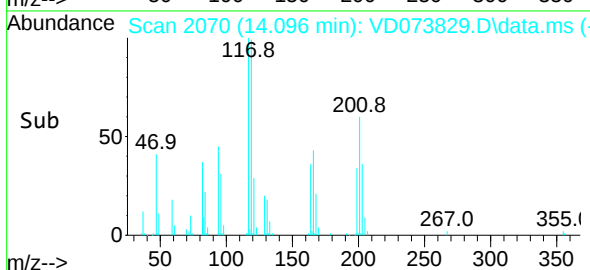
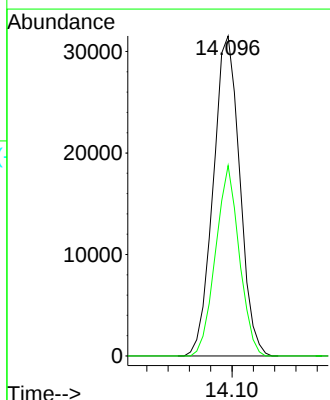
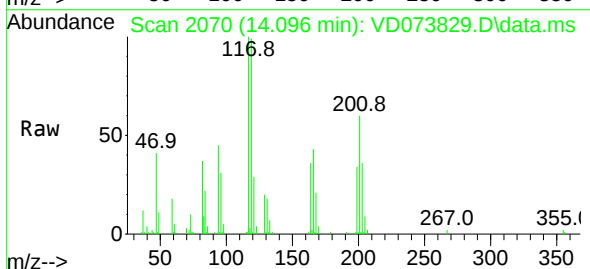
Manual Integrations
APPROVED

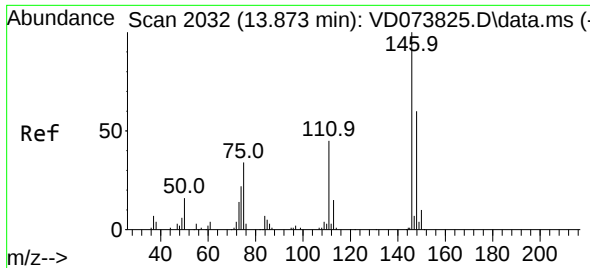
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#90
Hexachloroethane
Concen: 48.925 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

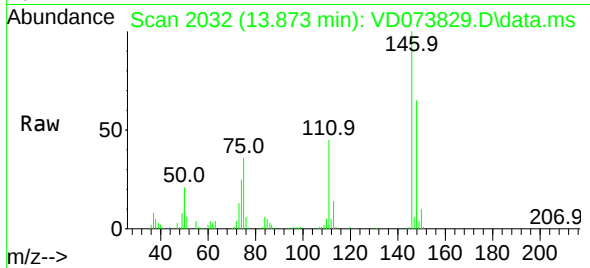
Tgt Ion:117 Resp: 54441
Ion Ratio Lower Upper
117 100
201 53.1 26.7 80.0





#91
1,2-Dichlorobenzene
Concen: 48.650 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

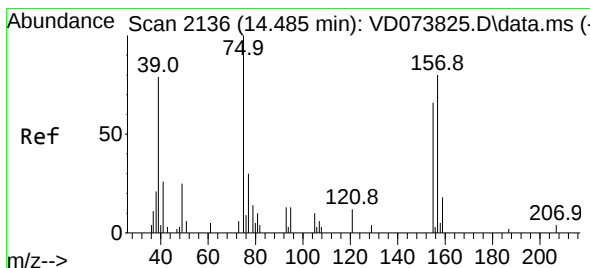
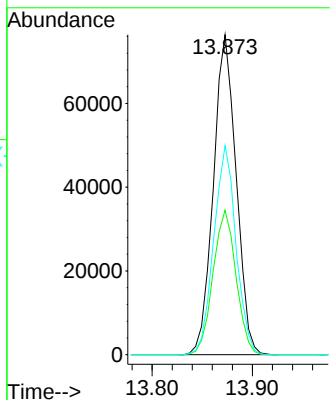
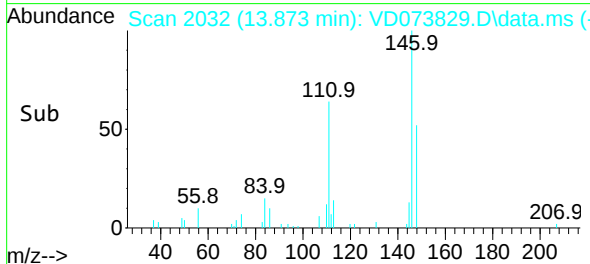
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion:146 Resp: 120612
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.4
148 63.7 30.6 91.6

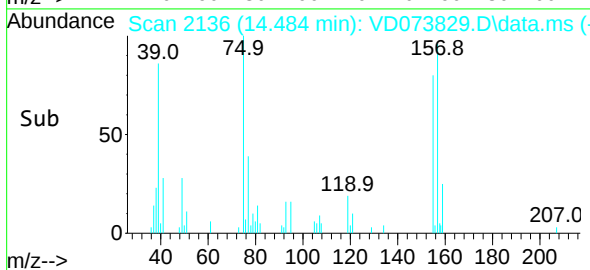
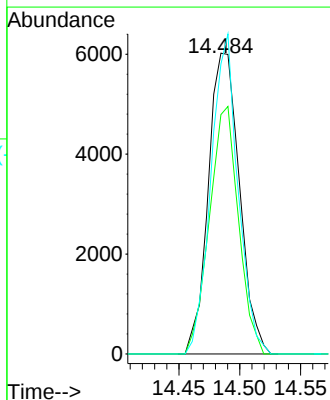
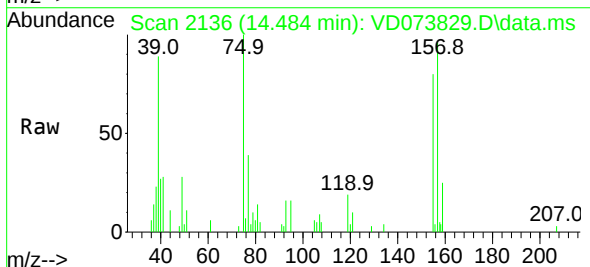
Manual Integrations
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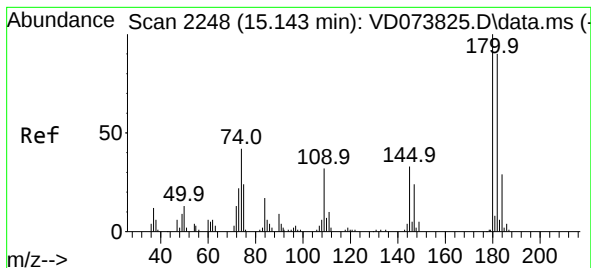
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.331 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion: 75 Resp: 10748
Ion Ratio Lower Upper
75 100
155 76.6 35.7 107.1
157 92.2 46.7 140.1





#93

1,2,4-Trichlorobenzene

Concen: 46.931 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071122

Tgt Ion:180 Resp: 66300

Ion Ratio Lower Upper

180 100

182 98.4 46.9 140.8

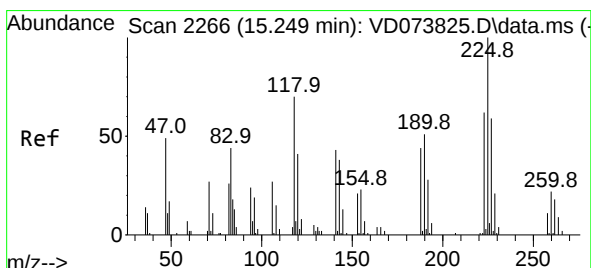
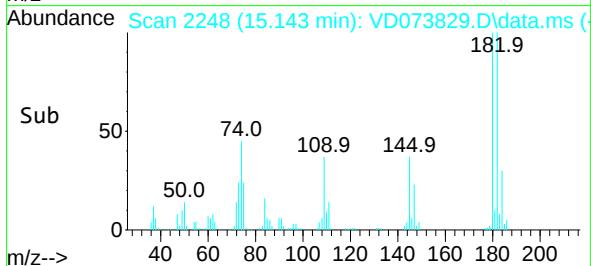
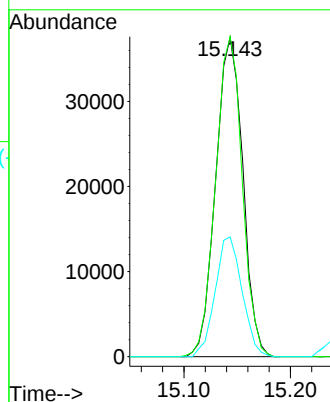
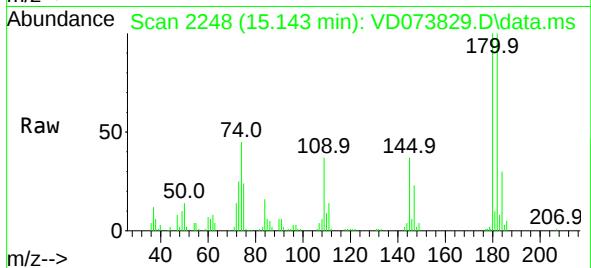
145 37.2 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#94

Hexachlorobutadiene

Concen: 47.098 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073829.D

Acq: 11 Jul 2022 18:11

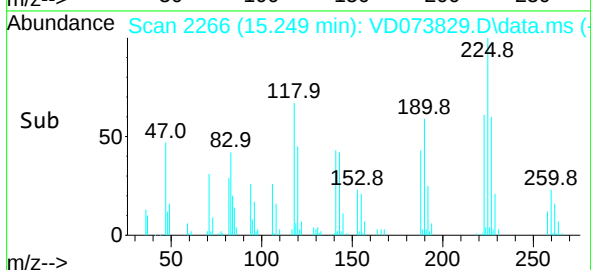
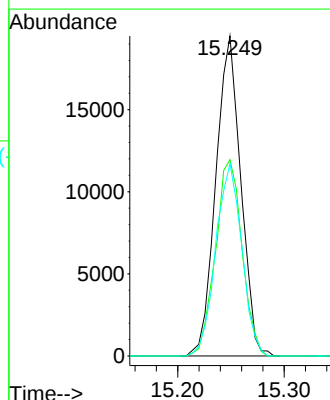
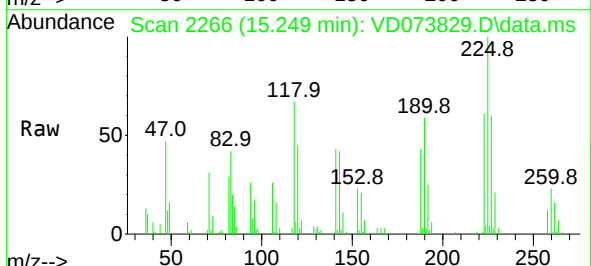
Tgt Ion:225 Resp: 31660

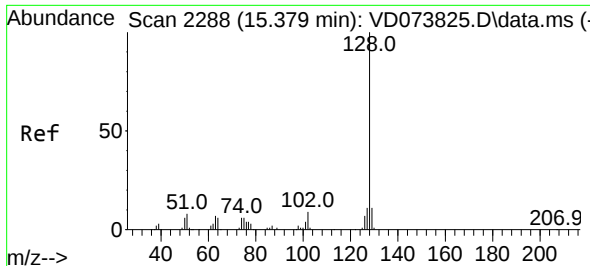
Ion Ratio Lower Upper

225 100

223 65.2 31.8 95.3

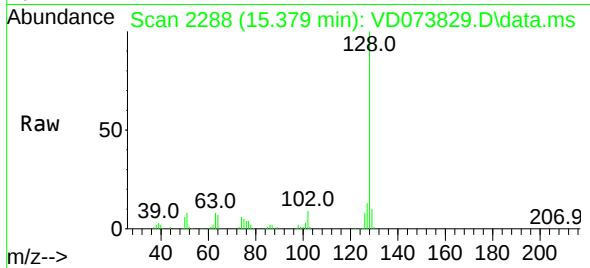
227 62.8 31.4 94.2





#95
Naphthalene
Concen: 50.713 ug/l
RT: 15.379 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

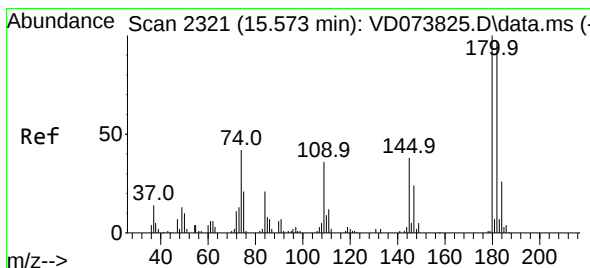
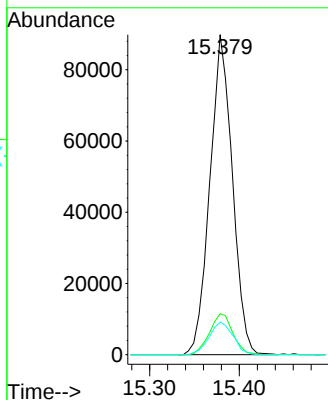
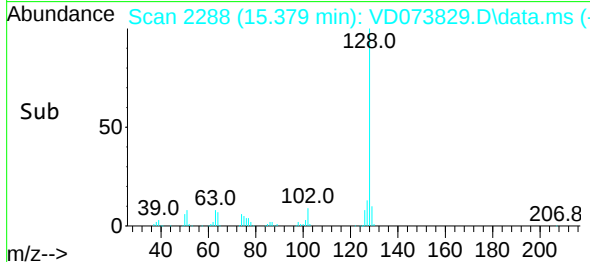
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122



Tgt Ion:128 Resp: 156409
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.040 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD073829.D
Acq: 11 Jul 2022 18:11

Tgt Ion:180 Resp: 59000
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 36.8 18.9 56.9

