

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073825.D
 Acq On : 11 Jul 2022 16:12
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 06:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	117498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	224394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	206703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68546	46.618	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.240%		
35) Dibromofluoromethane	7.902	113	70862	50.152	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.300%		
50) Toluene-d8	10.332	98	216884	45.669	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.620	95	108241	54.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	108.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30322	38.452	ug/l	100
3) Chloromethane	2.209	50	34546	33.903	ug/l	100
4) Vinyl Chloride	2.344	62	46636	37.429	ug/l	100
5) Bromomethane	2.750	94	36852	37.731	ug/l	100
6) Chloroethane	2.915	64	37195	39.162	ug/l	100
7) Trichlorofluoromethane	3.262	101	73355	38.094	ug/l	100
8) Diethyl Ether	3.703	74	23159	39.632	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	46595	38.918	ug/l	100
10) Methyl Iodide	4.291	142	28405	36.637	ug/l	100
11) Tert butyl alcohol	5.185	59	49066m	100.752	ug/l	
12) 1,1-Dichloroethene	4.056	96	35031	37.355	ug/l	100
13) Acrolein	3.920	56	12598	177.027	ug/l	100
14) Allyl chloride	4.709	41	69449	39.159	ug/l	100
15) Acrylonitrile	5.409	53	70103	209.695	ug/l	100
16) Acetone	4.150	43	66615	214.125	ug/l	100
17) Carbon Disulfide	4.397	76	45678	30.124	ug/l	100
18) Methyl Acetate	4.714	43	30324	30.402	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	149155	42.687	ug/l	100
20) Methylene Chloride	4.956	84	58685	22.031	ug/l	100
21) trans-1,2-Dichloroethene	5.456	96	42673	38.005	ug/l	100
22) Diisopropyl ether	6.356	45	203316	44.007	ug/l	100
23) Vinyl Acetate	6.297	43	542966	222.584	ug/l	100
24) 1,1-Dichloroethane	6.256	63	103777	40.350	ug/l	100
25) 2-Butanone	7.203	43	99572	214.356	ug/l	100
26) 2,2-Dichloropropane	7.197	77	100840	41.469	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	60918	38.825	ug/l	100
28) Bromochloromethane	7.538	49	44034	43.892	ug/l	100
29) Tetrahydrofuran	7.555	42	56795	208.222	ug/l	100
30) Chloroform	7.697	83	120918	42.173	ug/l	100
31) Cyclohexane	7.973	56	62145	33.937	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	101955	41.979	ug/l	100
36) 1,1-Dichloropropene	8.102	75	68902	39.818	ug/l	100
37) Ethyl Acetate	7.285	43	40509	39.817	ug/l	100
38) Carbon Tetrachloride	8.079	117	81296	41.330	ug/l	100
39) Methylcyclohexane	9.344	83	66405	37.329	ug/l	100
40) Benzene	8.338	78	206098	40.484	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31221	52.654	ug/l	100
42) 1,2-Dichloroethane	8.408	62	75253	42.931	ug/l	100
43) Isopropyl Acetate	8.444	43	87200	42.342	ug/l	100
44) Trichloroethene	9.102	130	52558	38.813	ug/l	100
45) 1,2-Dichloropropane	9.379	63	62846	42.995	ug/l	100
46) Dibromomethane	9.461	93	34925	41.727	ug/l	100
47) Bromodichloromethane	9.649	83	99926	43.828	ug/l	100
48) Methyl methacrylate	9.444	41	39424	41.961	ug/l	100
49) 1,4-Dioxane	9.449	88	9441	909.196	ug/l	100
51) 4-Methyl-2-Pentanone	10.214	43	233188	216.927	ug/l	100
52) Toluene	10.391	92	141497	41.901	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	90278	43.046	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	98776	42.469	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	50656	43.247	ug/l	100
56) Ethyl methacrylate	10.649	69	65450	43.775	ug/l	100
57) 1,3-Dichloropropane	10.932	76	88546	43.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	114997	195.560	ug/l	100
59) 2-Hexanone	10.973	43	162845	225.616	ug/l	100
60) Dibromochloromethane	11.126	129	65280	44.972	ug/l	100
61) 1,2-Dibromoethane	11.232	107	46665	43.102	ug/l	100
64) Tetrachloroethene	10.867	164	39208	38.271	ug/l	100
65) Chlorobenzene	11.661	112	162384	41.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	67360	44.920	ug/l	100
67) Ethyl Benzene	11.732	91	303032	42.852	ug/l	100
68) m/p-Xylenes	11.843	106	225615	84.584	ug/l	100
69) o-Xylene	12.167	106	112105	43.620	ug/l	100
70) Styrene	12.185	104	196339	43.641	ug/l	100
71) Bromoform	12.349	173	35197	46.091	ug/l #	100
73) Isopropylbenzene	12.467	105	311185	44.085	ug/l	100
74) N-amyl acetate	12.273	43	88411	44.635	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	66070	45.267	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	51582m	49.437	ug/l	
77) Bromobenzene	12.749	156	64651	43.843	ug/l	100
78) n-propylbenzene	12.808	91	396122	44.500	ug/l	100
79) 2-Chlorotoluene	12.890	91	228096	45.352	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	264770	44.731	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20013	45.091	ug/l	100
82) 4-Chlorotoluene	12.990	91	235299	44.534	ug/l	100
83) tert-Butylbenzene	13.208	119	236216	45.177	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	261617	44.623	ug/l	100
85) sec-Butylbenzene	13.385	105	360189	44.733	ug/l	100
86) p-Isopropyltoluene	13.502	119	292869	45.538	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	139914	45.220	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	135839	43.504	ug/l	100
89) n-Butylbenzene	13.826	91	296559	45.600	ug/l	100
90) Hexachloroethane	14.096	117	56689	44.177	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	126259	46.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10586	43.927	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	72060	45.867	ug/l	100
94) Hexachlorobutadiene	15.249	225	33909	44.721	ug/l	100
95) Naphthalene	15.379	128	156576	44.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	62785	45.478	ug/l	100

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VSTDICCC050

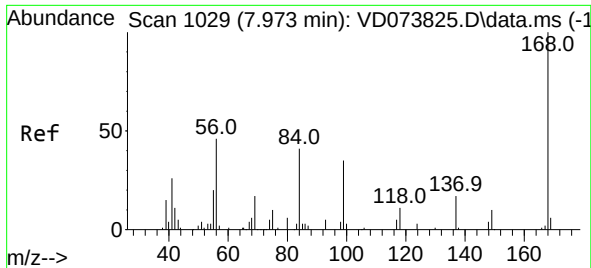
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 07/12/2022

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Quant Title : SW846 8260
QLast Update : Tue Jul 12 06:36:41 2022
Response via : Initial Calibration

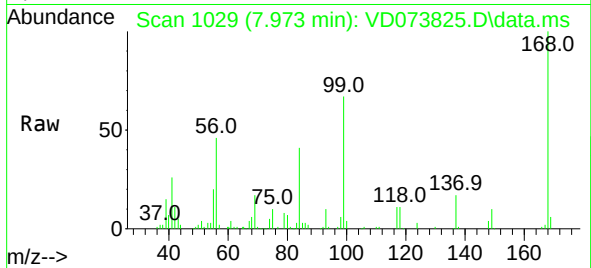
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073825.D
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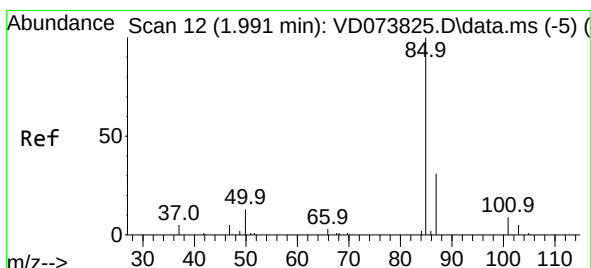
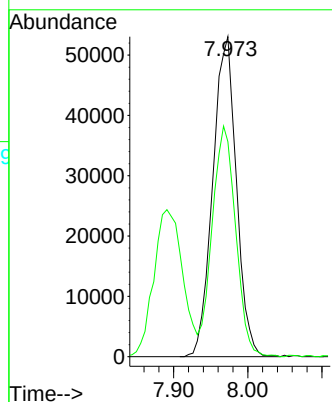
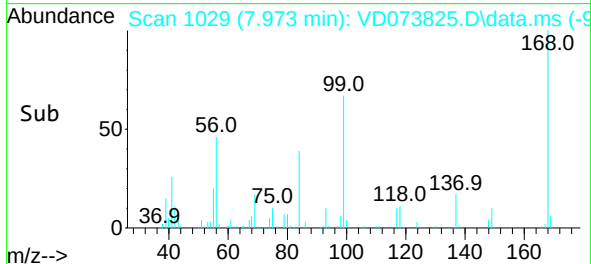
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 117498
Ion Ratio Lower Upper
168 100
99 67.2 53.8 80.6

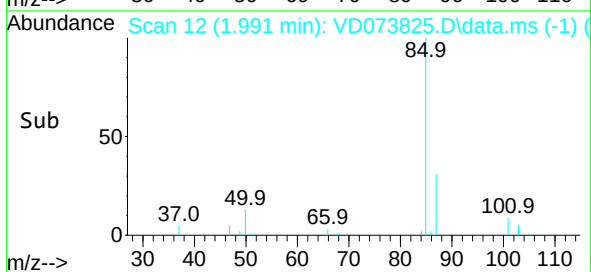
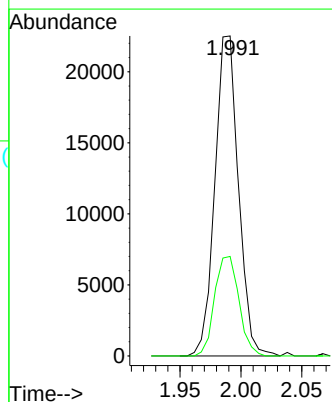
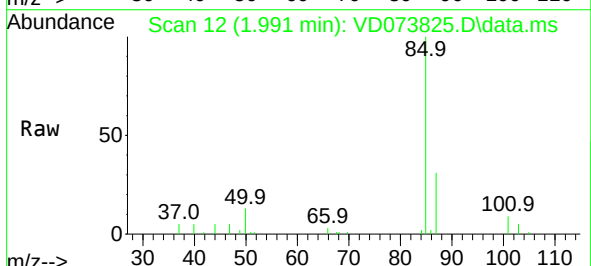
Manual Integrations
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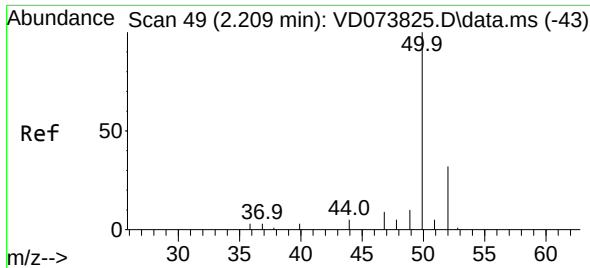
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#2
Dichlorodifluoromethane
Concen: 38.452 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

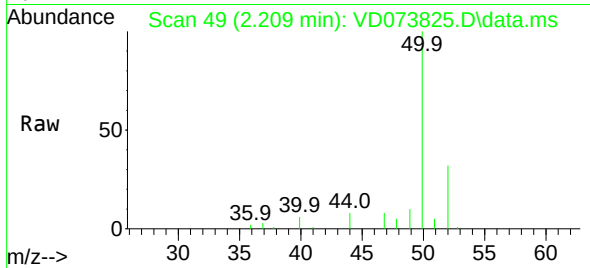
Tgt Ion: 85 Resp: 30322
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.7





#3
Chloromethane
Concen: 33.903 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

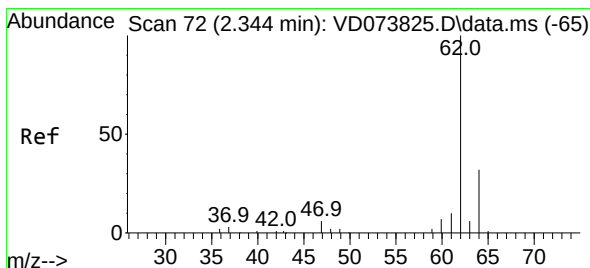
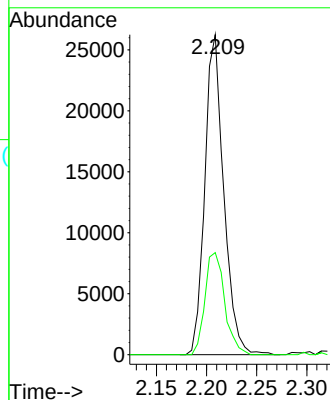
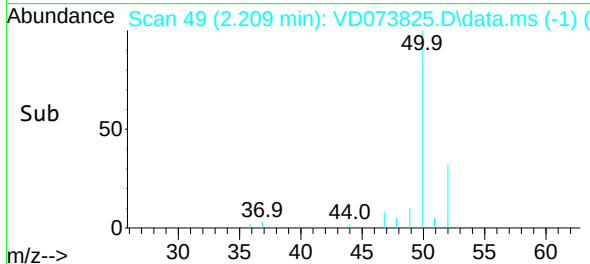
Instrument :
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VSTDICCC050



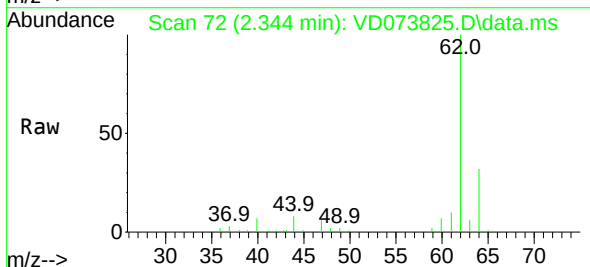
Tgt Ion: 50 Resp: 34540
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

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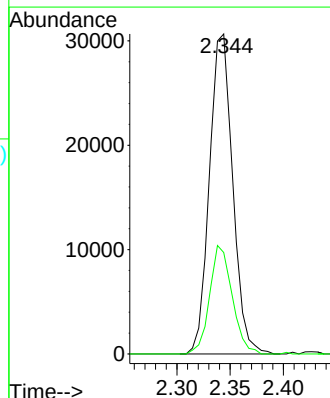
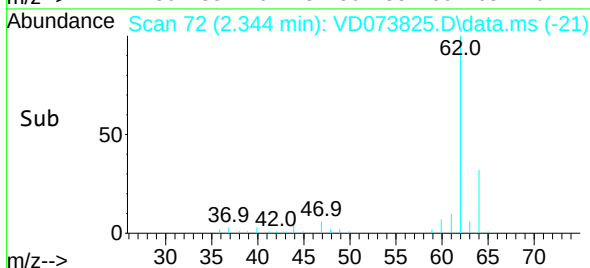
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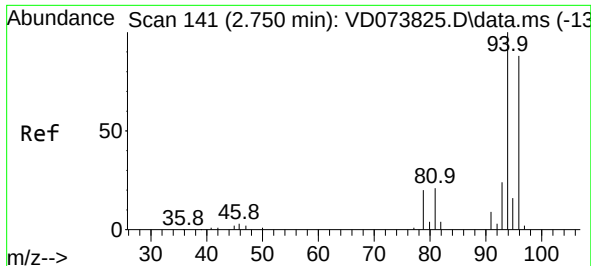


#4
Vinyl Chloride
Concen: 37.429 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



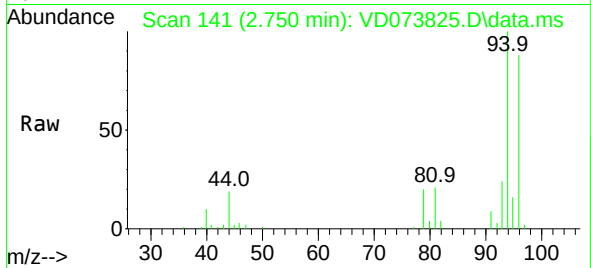
Tgt Ion: 62 Resp: 46636
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 37.731 ug/l
RT: 2.750 min Scan# 141
Delta R.T. 0.000 min
Lab File: VD073825.D
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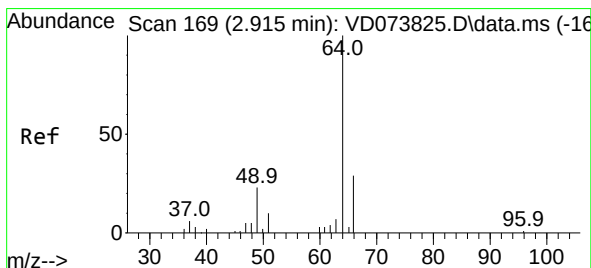
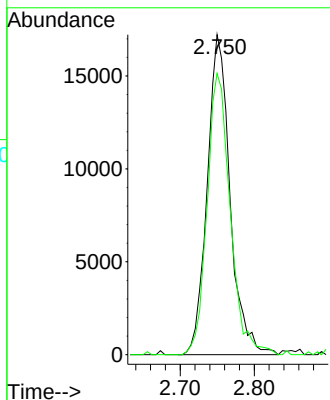
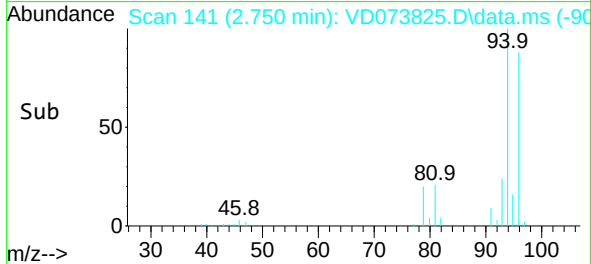
Instrument :
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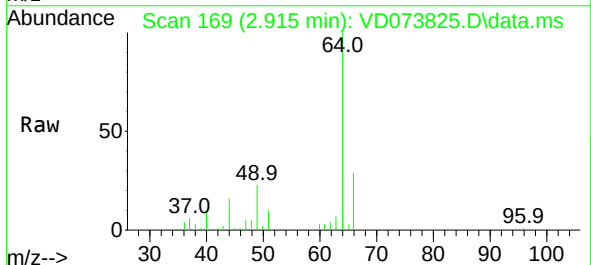
Tgt Ion: 94 Resp: 36852
Ion Ratio Lower Upper
94 100
96 87.9 70.3 105.5

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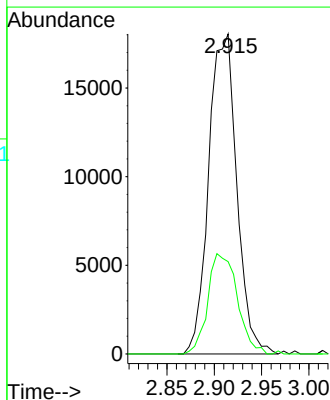
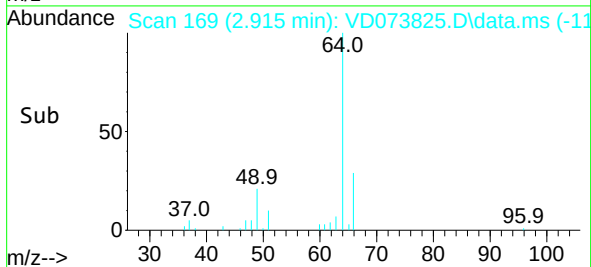
Reviewed By :John Carlone 07/12/2022
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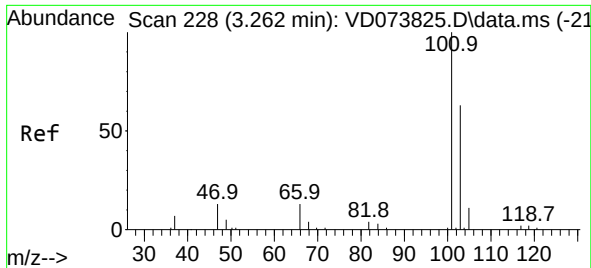


#6
Chloroethane
Concen: 39.162 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



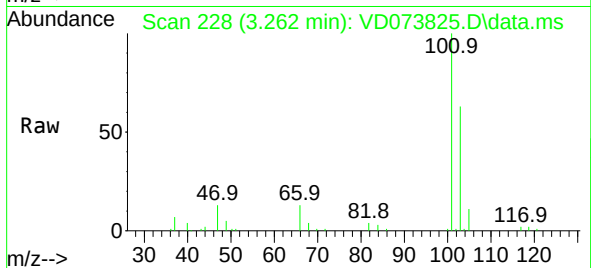
Tgt Ion: 64 Resp: 37195
Ion Ratio Lower Upper
64 100
66 28.8 23.0 34.6





#7
Trichlorofluoromethane
Concen: 38.094 ug/l
RT: 3.262 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

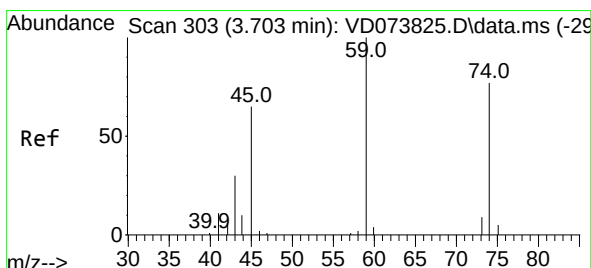
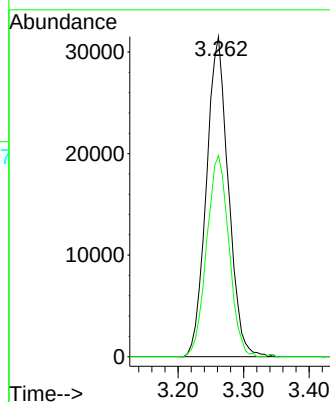
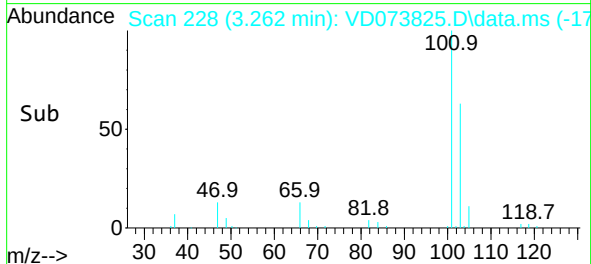
Instrument :
MSVOA_D
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VSTDICCC050



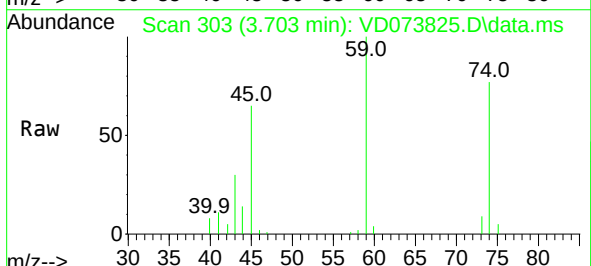
Tgt Ion:101 Resp: 7335
Ion Ratio Lower Upper
101 100
103 62.9 50.3 75.5

Manual Integrations
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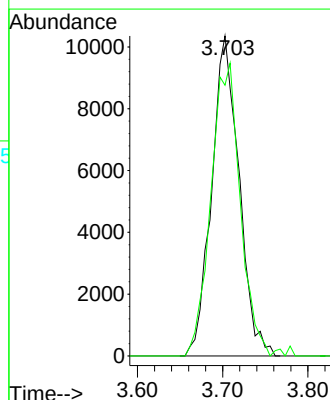
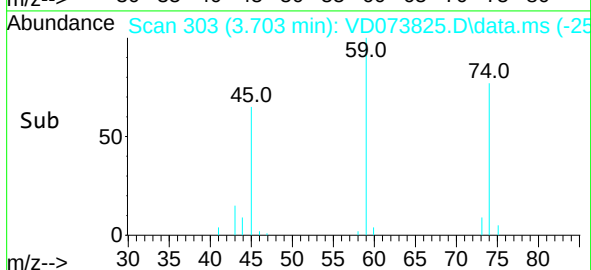
Reviewed By :John Carlone 07/12/2022
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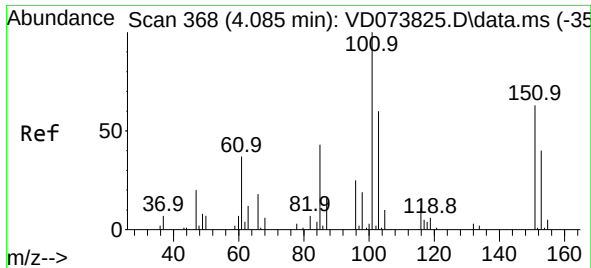


#8
Diethyl Ether
Concen: 39.632 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073825.D
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Tgt Ion: 74 Resp: 23159
Ion Ratio Lower Upper
74 100
45 97.8 48.9 146.7





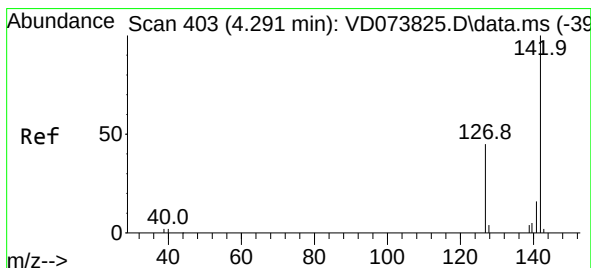
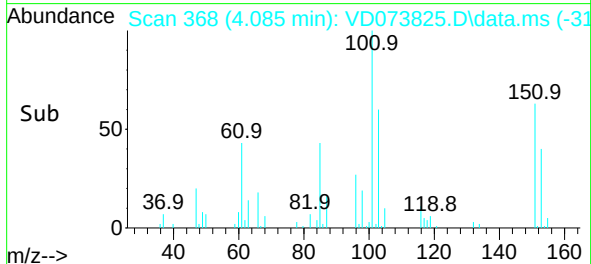
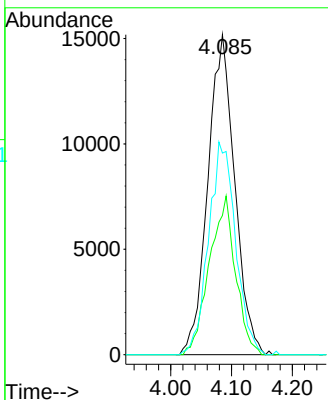
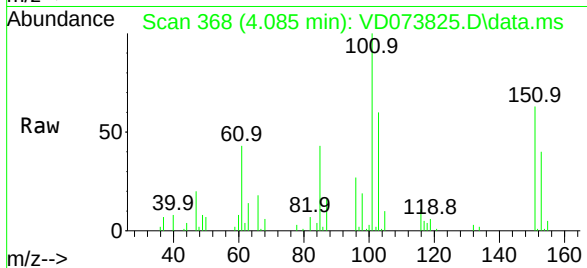
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.918 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 4659
Ion Ratio Lower Upper
101 100
85 48.2 38.6 57.8
151 67.0 53.6 80.4

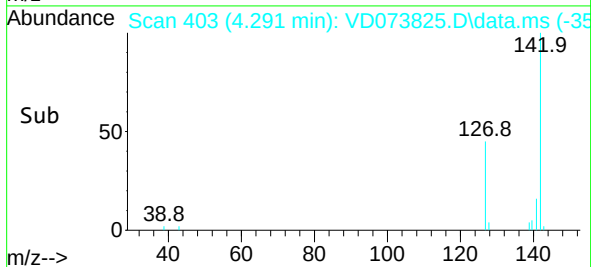
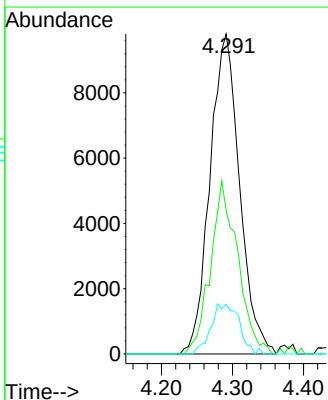
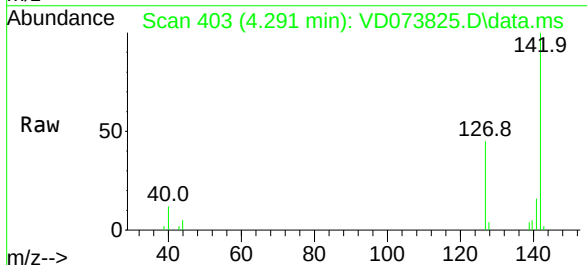
Manual Integrations
APPROVED

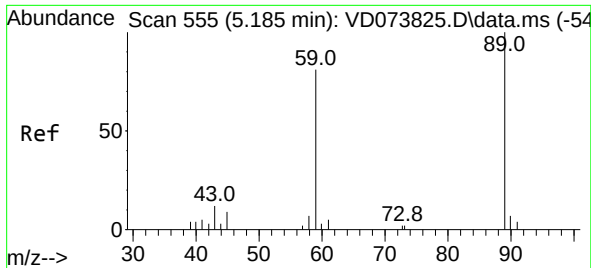
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#10
Methyl Iodide
Concen: 36.637 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

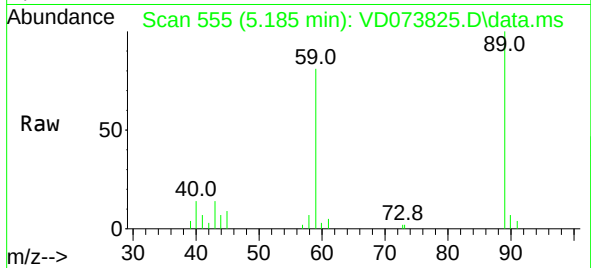
Tgt Ion:142 Resp: 28405
Ion Ratio Lower Upper
142 100
127 49.7 39.8 59.6
141 14.9 11.9 17.9





#11
Tert butyl alcohol
Concen: 100.752 ug/l m
RT: 5.185 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

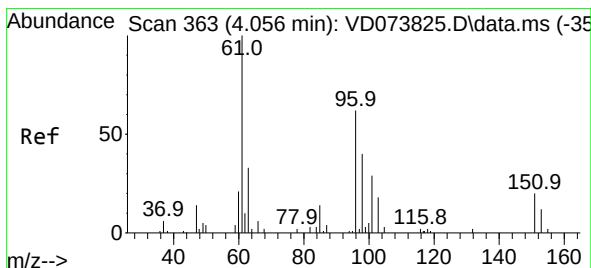
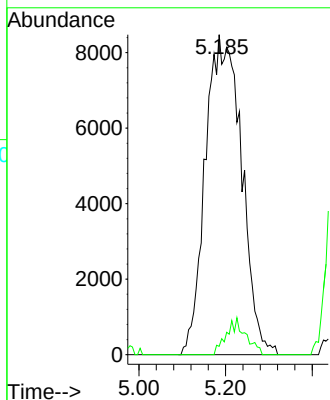
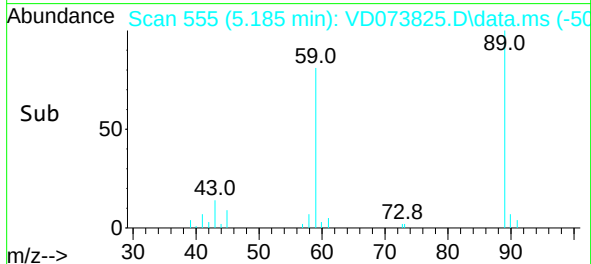
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



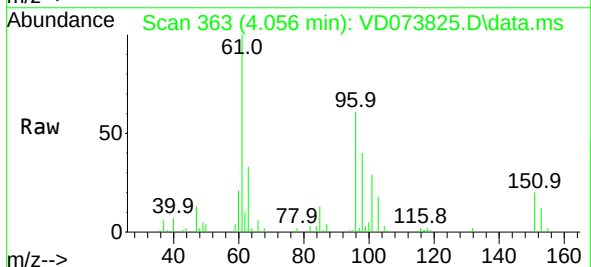
Tgt Ion: 59 Resp: 4906
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

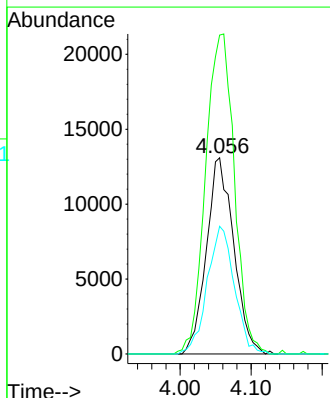
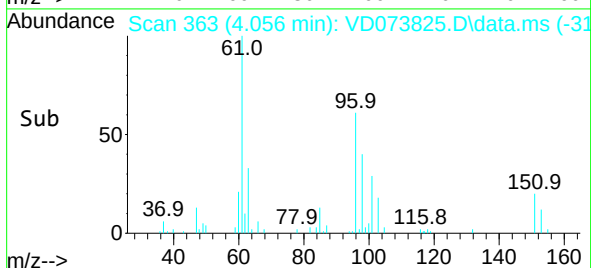
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

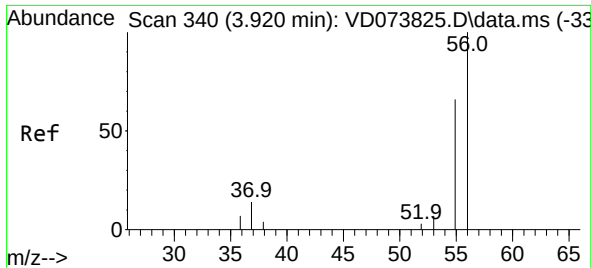


#12
1,1-Dichloroethene
Concen: 37.355 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



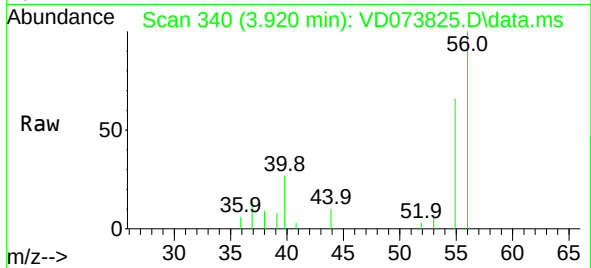
Tgt Ion: 96 Resp: 35031
Ion Ratio Lower Upper
96 100
61 162.6 130.1 195.1
98 65.1 52.1 78.1





#13
Acrolein
Concen: 177.027 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

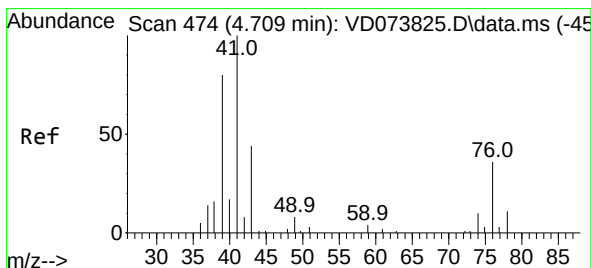
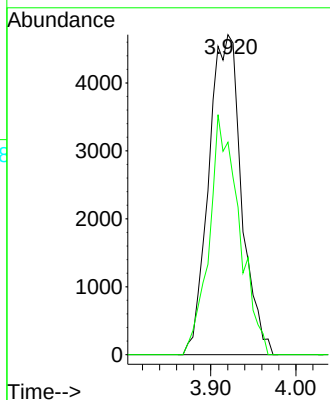
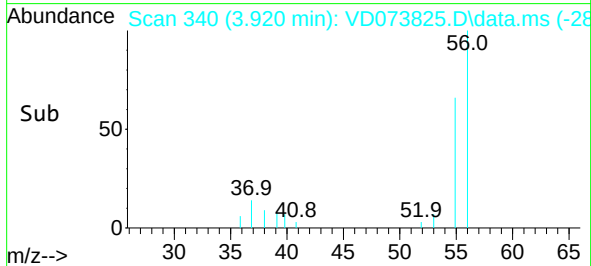
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



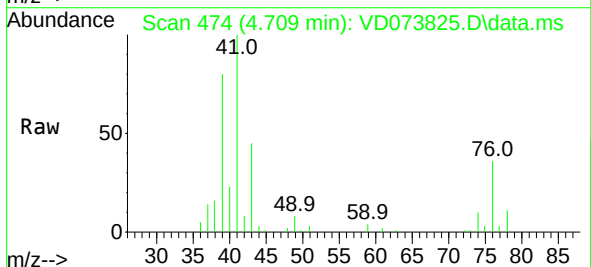
Tgt Ion: 56 Resp: 12598
Ion Ratio Lower Upper
56 100
55 68.4 54.7 82.1

Manual Integrations
APPROVED

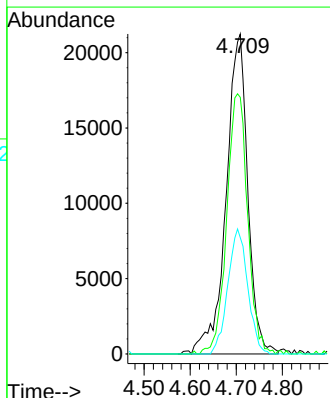
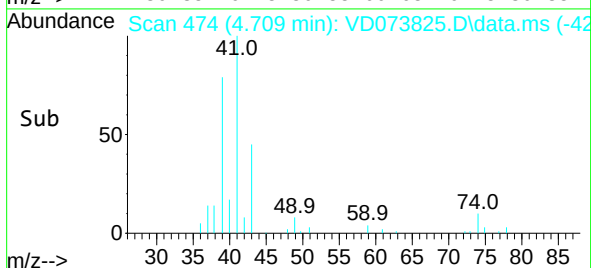
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

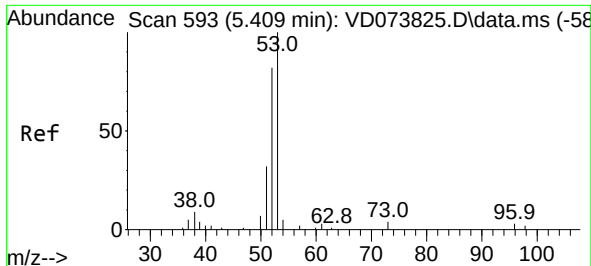


#14
Allyl chloride
Concen: 39.159 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



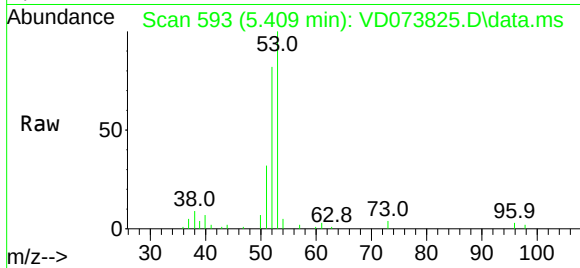
Tgt Ion: 41 Resp: 69449
Ion Ratio Lower Upper
41 100
39 78.1 62.5 93.7
76 35.8 28.6 43.0





#15
Acrylonitrile
Concen: 209.695 ug/l
RT: 5.409 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

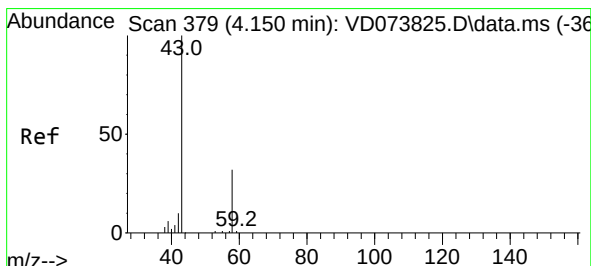
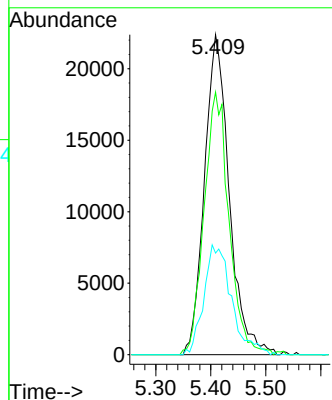
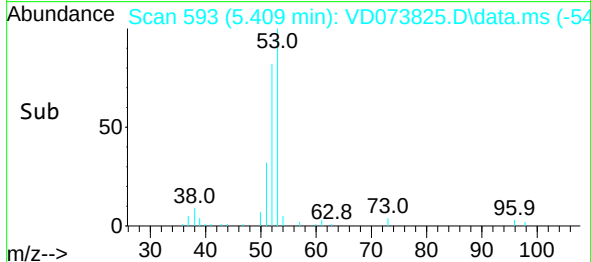
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



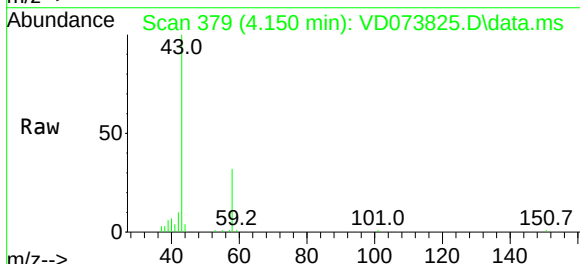
Tgt Ion: 53 Resp: 7010
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 38.2 30.6 45.8

Manual Integrations
APPROVED

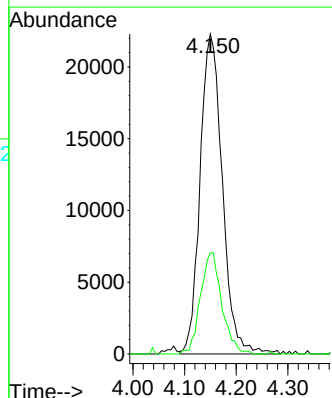
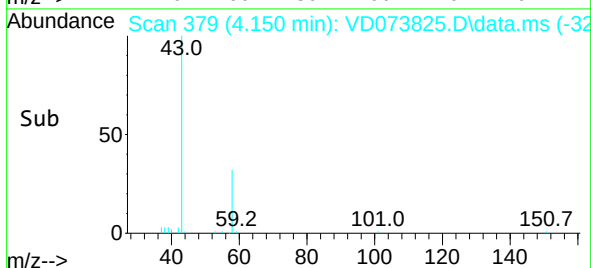
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

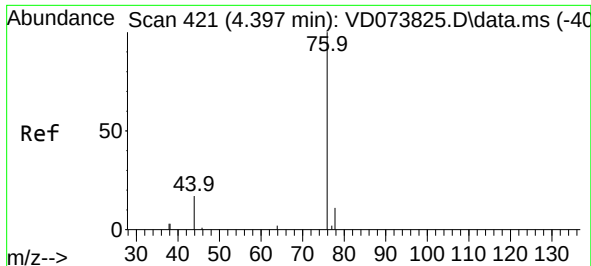


#16
Acetone
Concen: 214.125 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



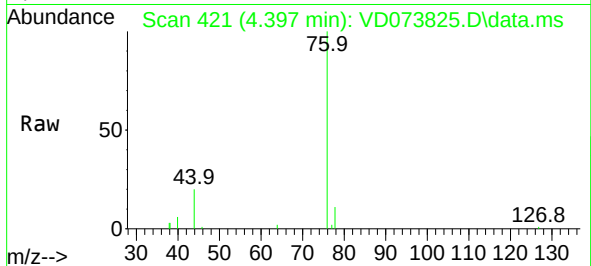
Tgt Ion: 43 Resp: 66615
Ion Ratio Lower Upper
43 100
58 31.5 25.2 37.8





#17
Carbon Disulfide
Concen: 30.124 ug/l
RT: 4.397 min Scan# 421
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

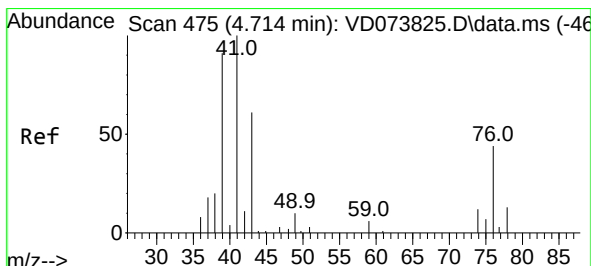
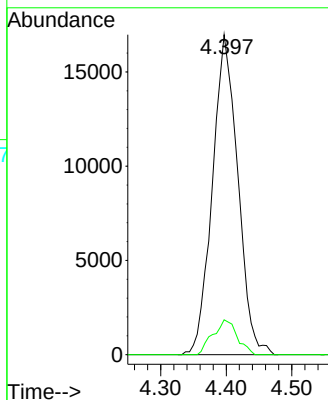
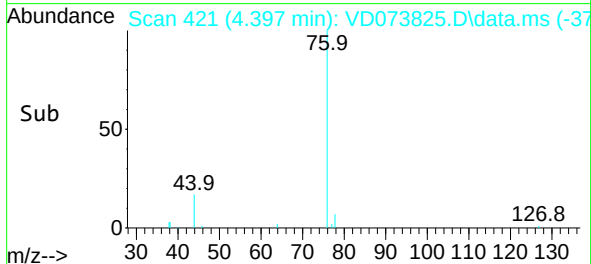
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



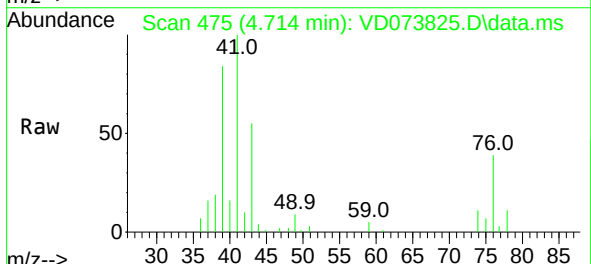
Tgt Ion: 76 Resp: 45678
Ion Ratio Lower Upper
76 100
78 10.9 8.7 13.1

Manual Integrations
APPROVED

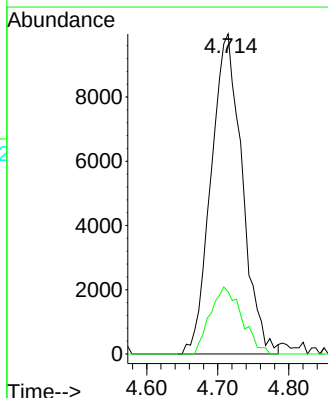
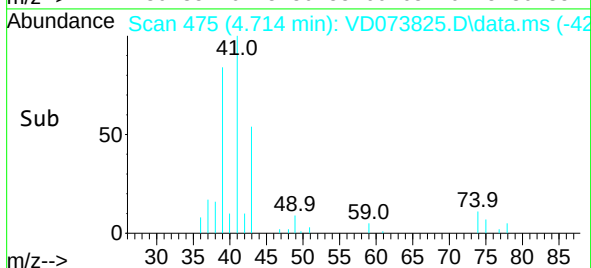
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

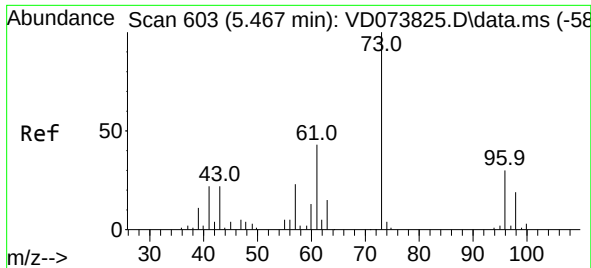


#18
Methyl Acetate
Concen: 30.402 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



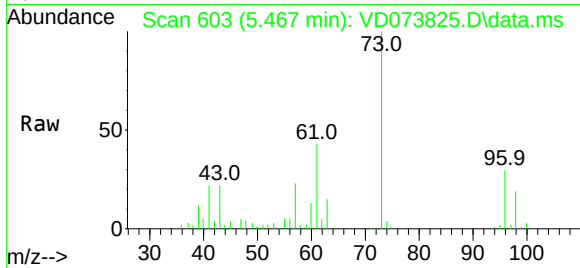
Tgt Ion: 43 Resp: 30324
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4





#19
Methyl tert-butyl Ether
Concen: 42.687 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

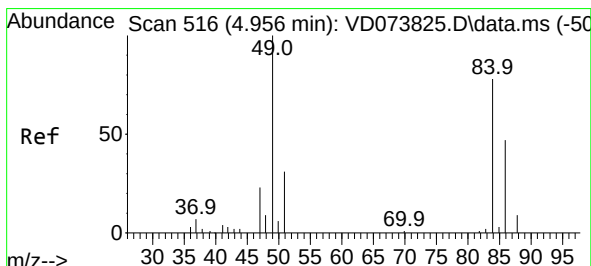
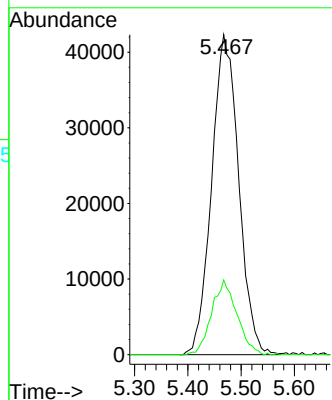
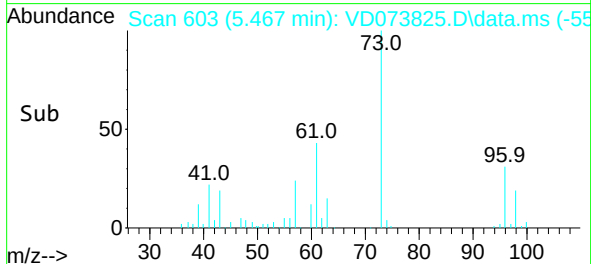
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 14915
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

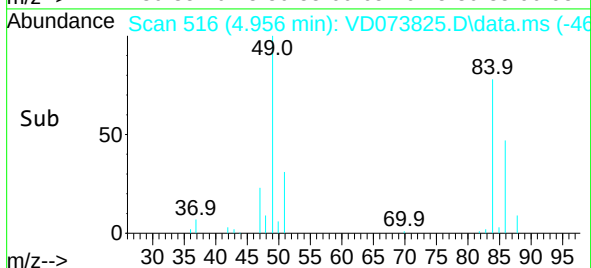
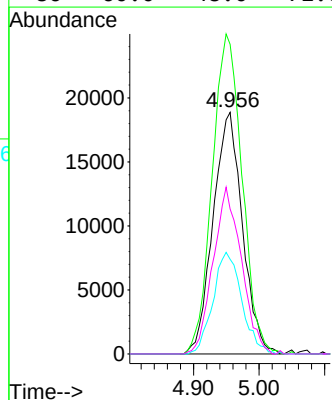
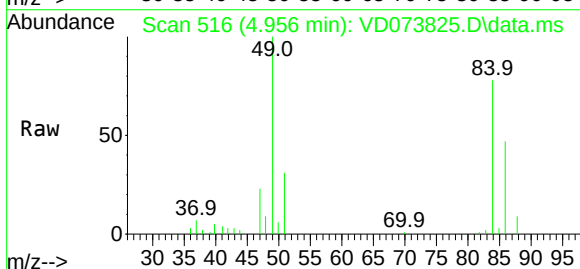
Manual Integrations
APPROVED

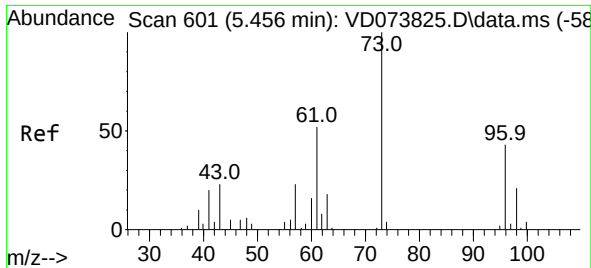
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#20
Methylene Chloride
Concen: 22.031 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

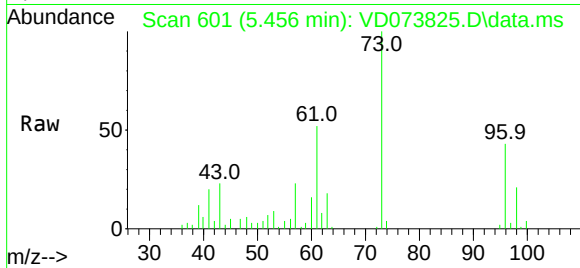
Tgt Ion: 84 Resp: 58685
Ion Ratio Lower Upper
84 100
49 128.1 102.5 153.7
51 39.2 31.4 47.0
86 60.0 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 38.005 ug/l
RT: 5.456 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

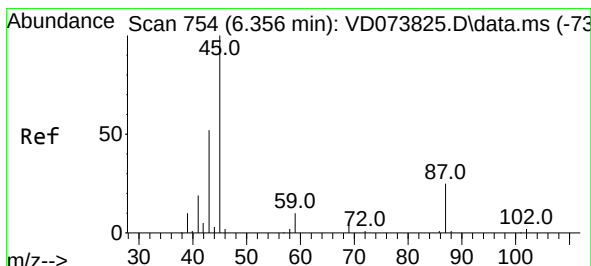
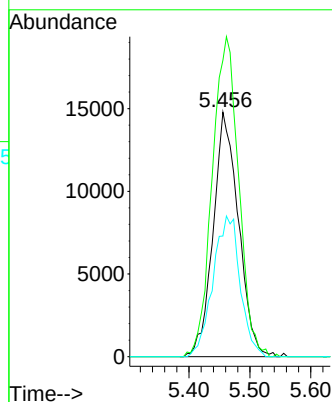
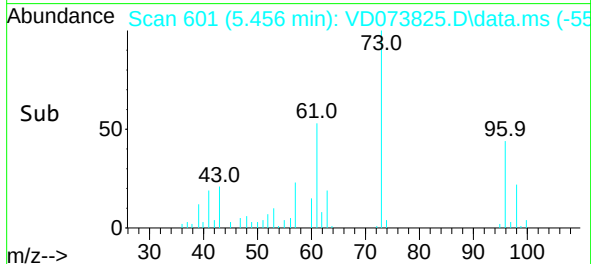
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 42673
Ion Ratio Lower Upper
96 100
61 121.3 97.0 145.6
98 49.4 39.5 59.3

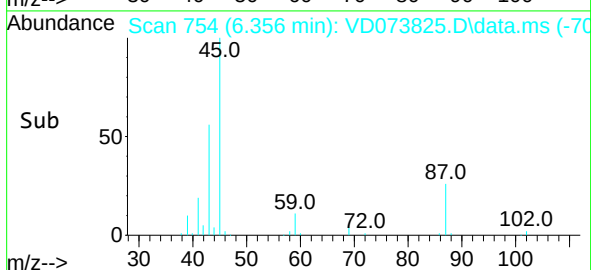
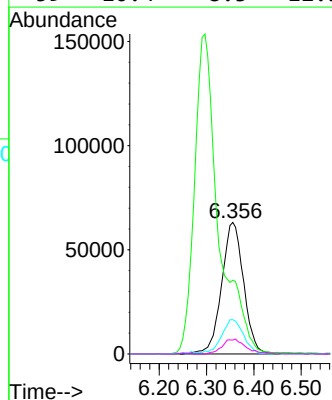
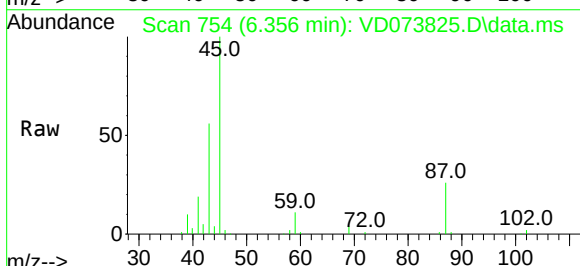
Manual Integrations
APPROVED

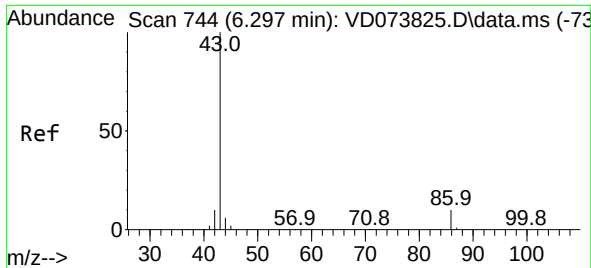
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#22
Diisopropyl ether
Concen: 44.007 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

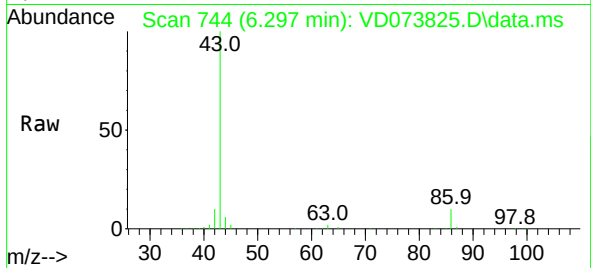
Tgt Ion: 45 Resp: 203316
Ion Ratio Lower Upper
45 100
43 55.1 44.1 66.1
87 26.0 20.8 31.2
59 10.4 8.3 12.5





#23
 Vinyl Acetate
 Concen: 222.584 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073825.D
 Acq: 11 Jul 2022 16:12

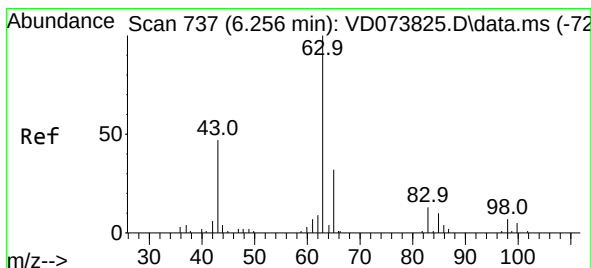
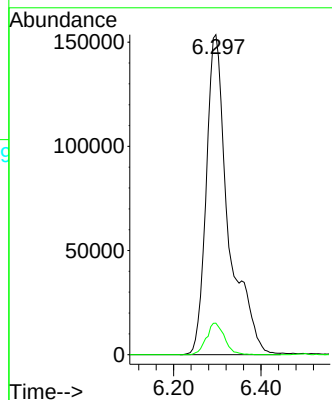
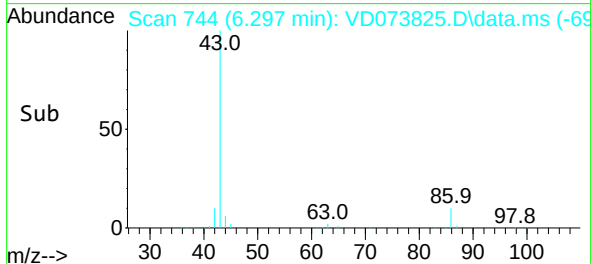
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



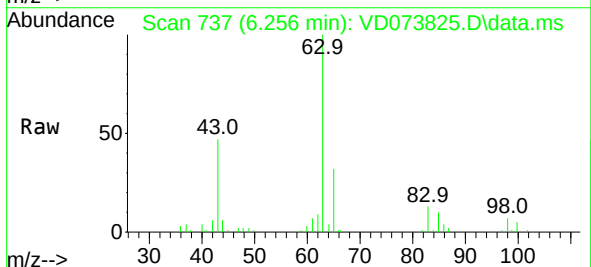
Tgt Ion: 43 Resp: 542960
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

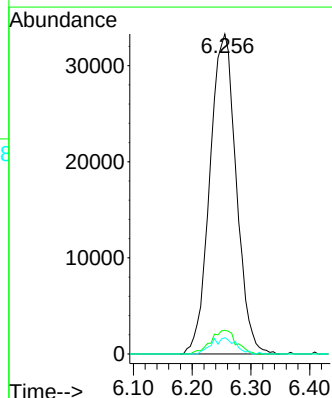
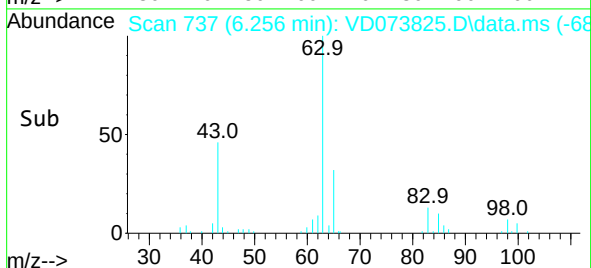
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

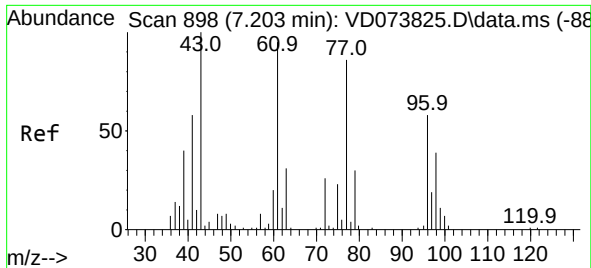


#24
 1,1-Dichloroethane
 Concen: 40.350 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073825.D
 Acq: 11 Jul 2022 16:12



Tgt Ion: 63 Resp: 103777
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 5.1 2.5 7.6





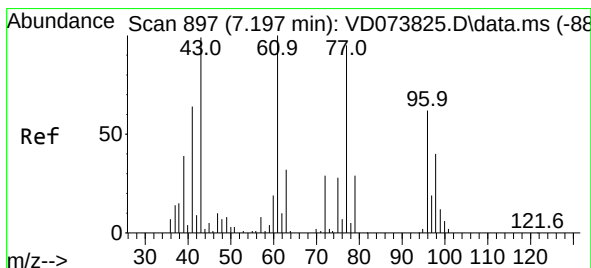
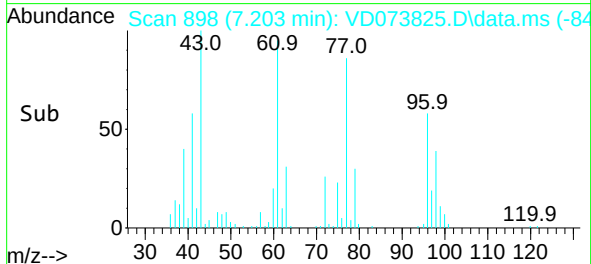
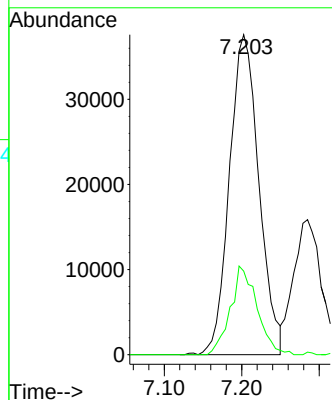
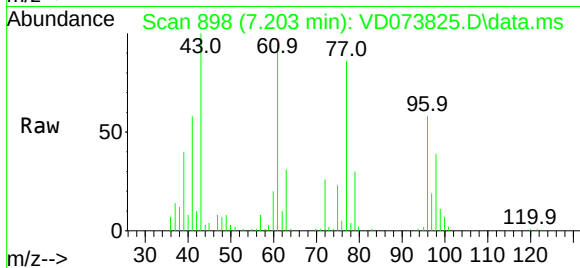
#25
2-Butanone
Concen: 214.356 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 99572
Ion Ratio Lower Upper
43 100
72 26.1 20.9 31.3

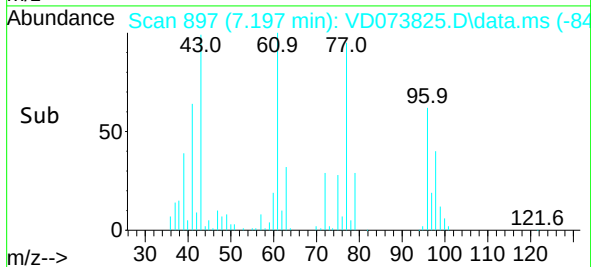
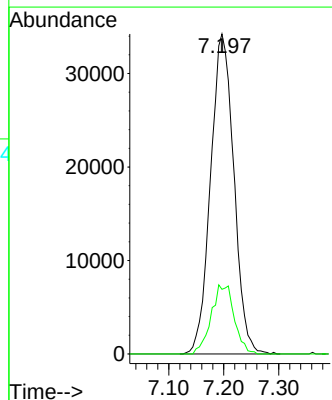
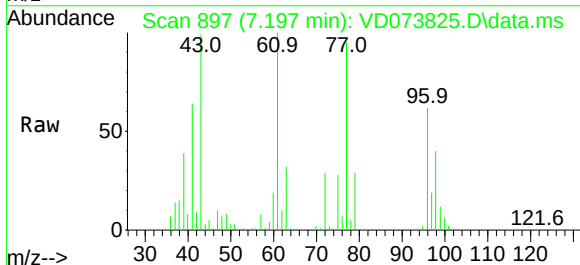
Manual Integrations
APPROVED

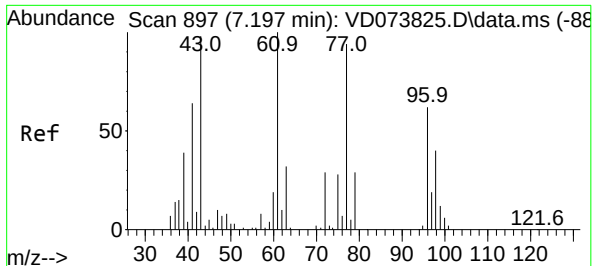
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#26
2,2-Dichloropropane
Concen: 41.469 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Tgt Ion: 77 Resp: 100840
Ion Ratio Lower Upper
77 100
97 21.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 38.825 ug/l

RT: 7.197 min Scan# 897

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

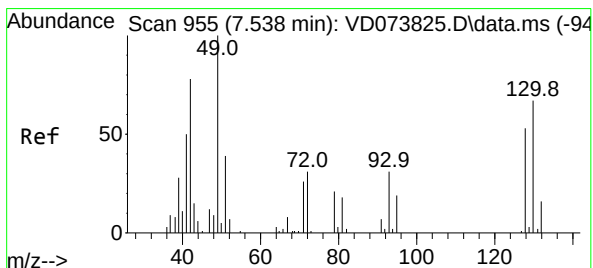
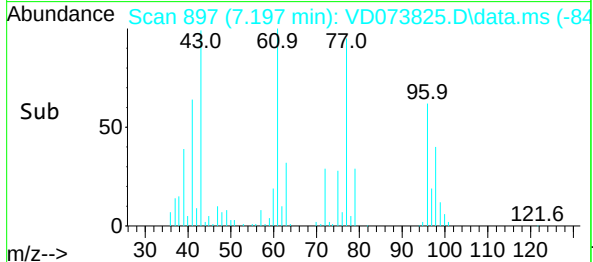
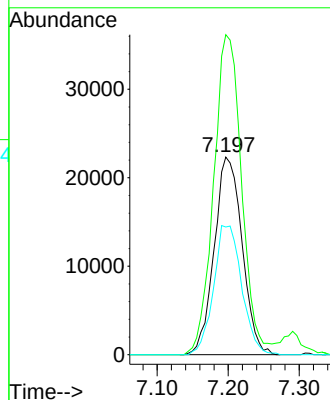
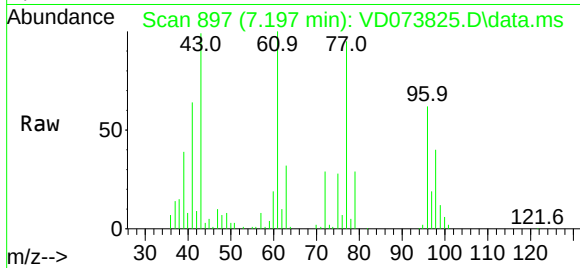
Tgt Ion: 96	Resp: 60918
Ion Ratio	Lower Upper
96 100	
61 162.2	0.0 324.4
98 65.8	0.0 131.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#28

Bromochloromethane

Concen: 43.892 ug/l

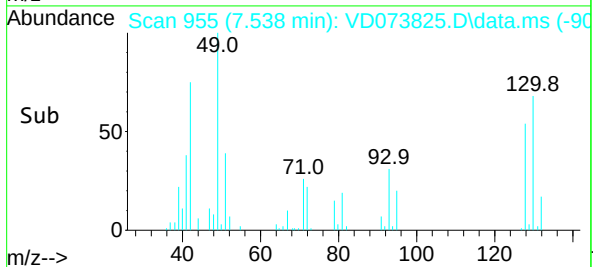
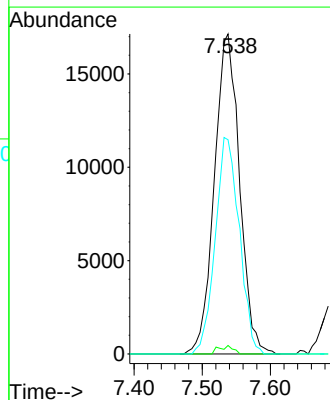
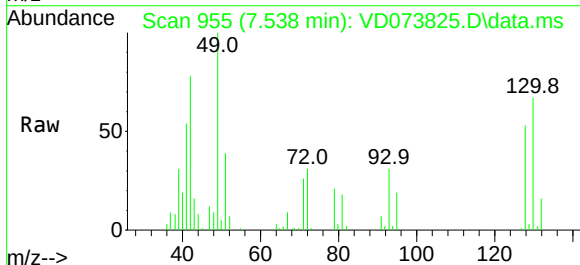
RT: 7.538 min Scan# 955

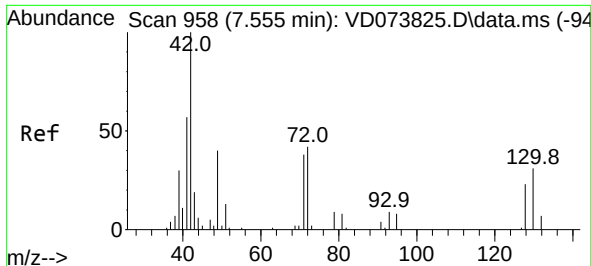
Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion: 49	Resp: 44034
Ion Ratio	Lower Upper
49 100	
129 1.5	0.0 3.0
130 64.7	51.8 77.6





#29

Tetrahydrofuran

Concen: 208.222 ug/l

RT: 7.555 min Scan# 958

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

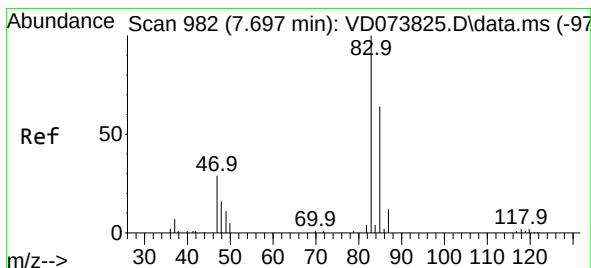
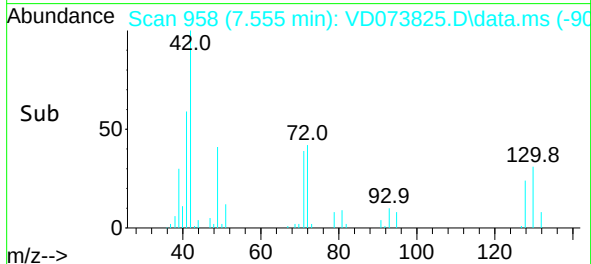
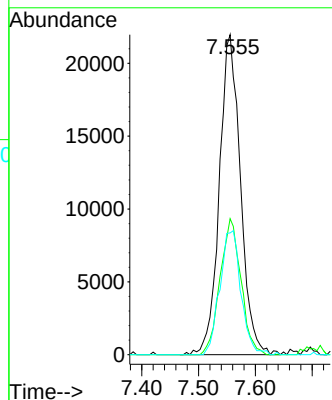
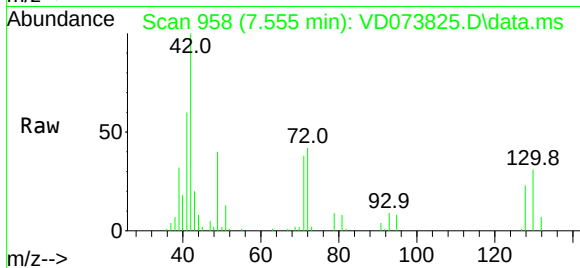
Tgt Ion:	42	Resp:	5679
Ion Ratio	Lower	Upper	
42	100		
72	41.9	33.5	50.3
71	38.8	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#30

Chloroform

Concen: 42.173 ug/l

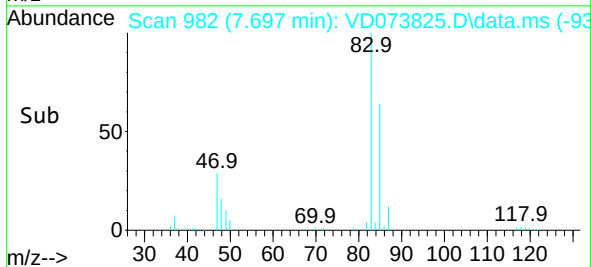
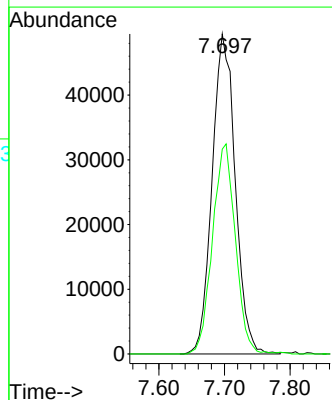
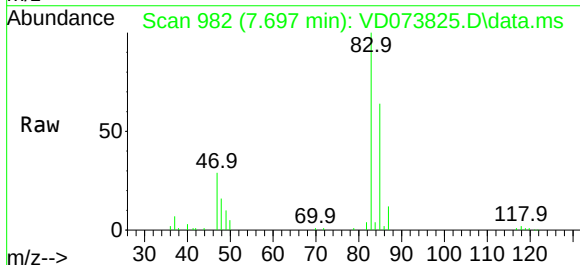
RT: 7.697 min Scan# 982

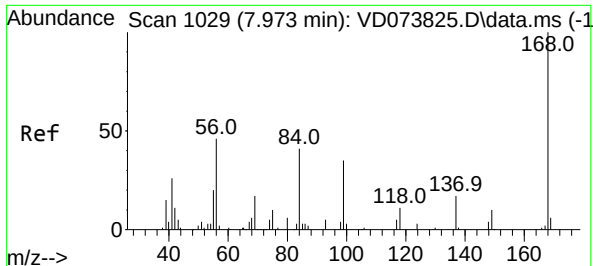
Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion:	83	Resp:	120918
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8





#31

Cyclohexane

Concen: 33.937 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 6214

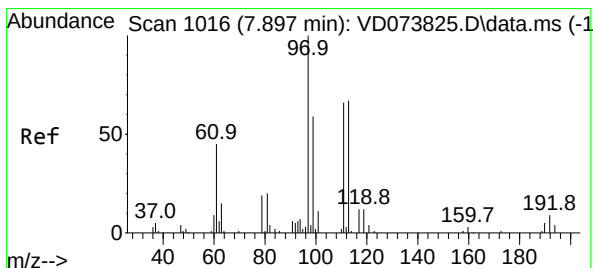
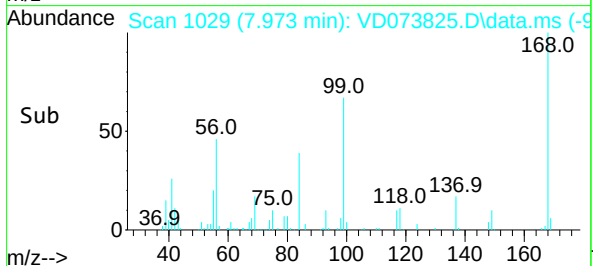
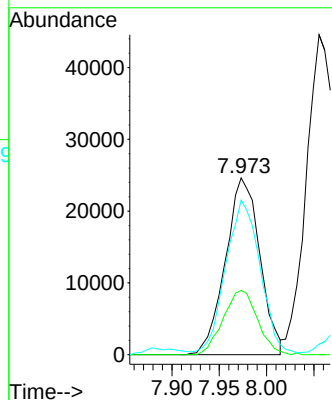
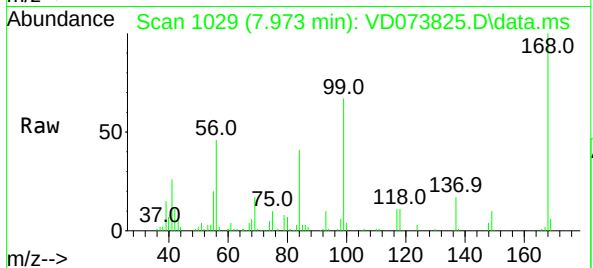
Ion	Ratio	Lower	Upper
56	100		
69	36.4	29.1	43.7
84	85.2	68.2	102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#32

1,1,1-Trichloroethane

Concen: 41.979 ug/l

RT: 7.897 min Scan# 1016

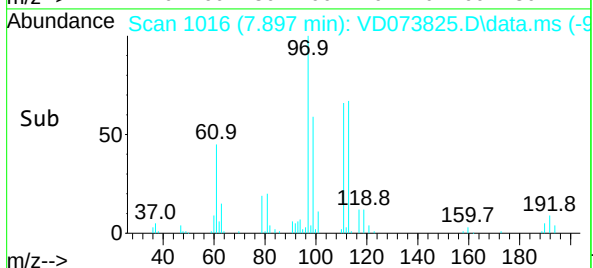
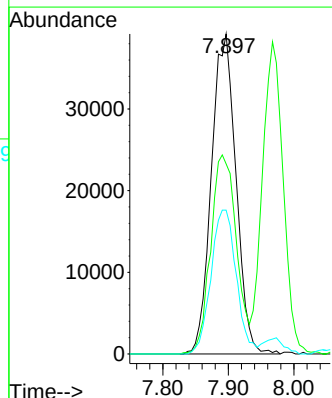
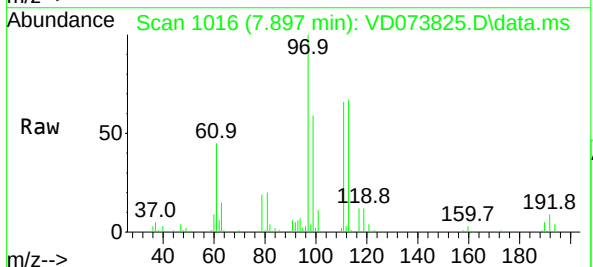
Delta R.T. 0.000 min

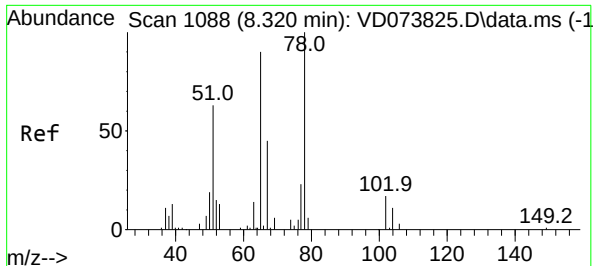
Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion: 97 Resp: 101955

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	46.2	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 46.618 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 68540

Ion Ratio Lower Upper

65 100

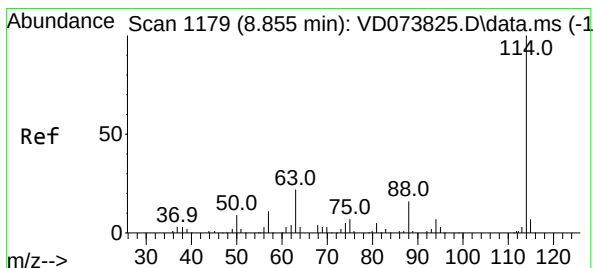
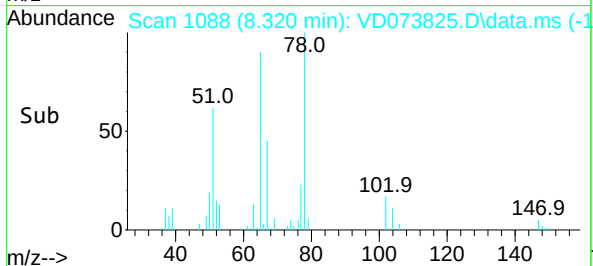
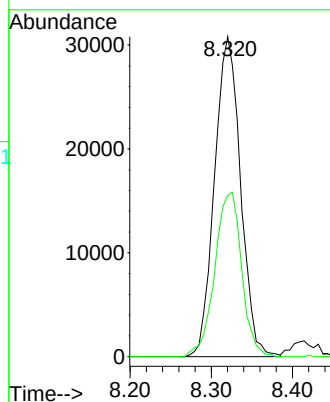
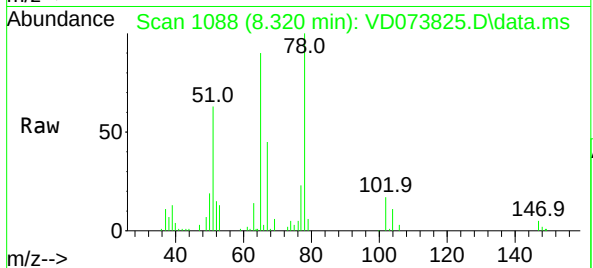
67 53.0 0.0 106.0

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: VD073825.D

Acq: 11 Jul 2022 16:12

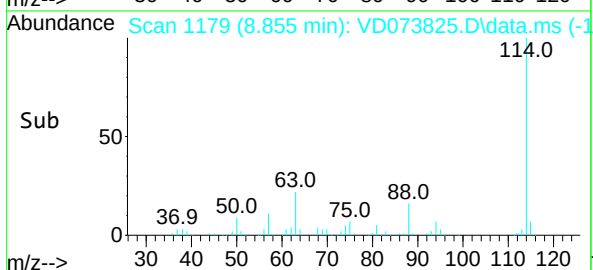
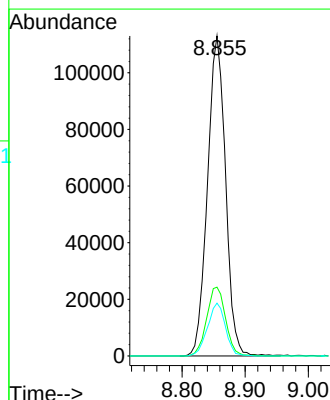
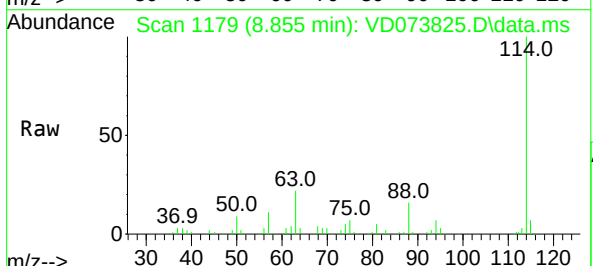
Tgt Ion:114 Resp: 224394

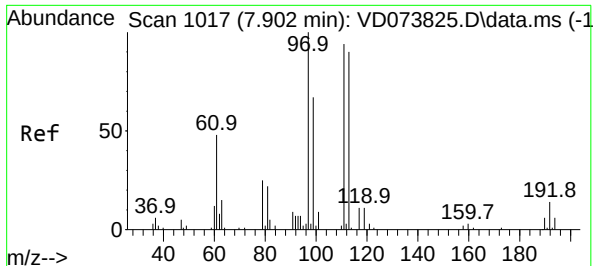
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.152 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

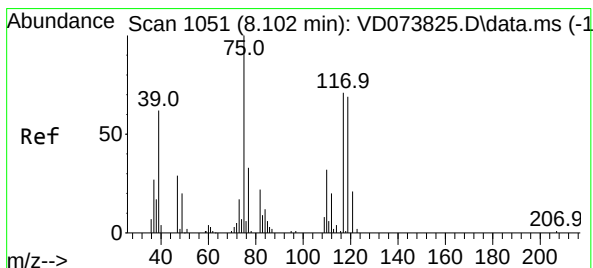
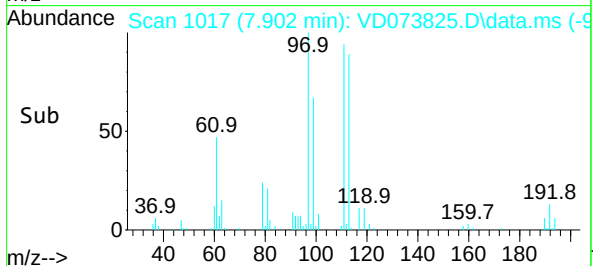
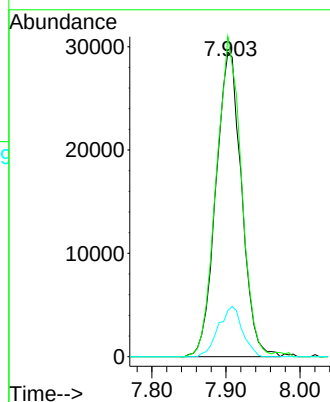
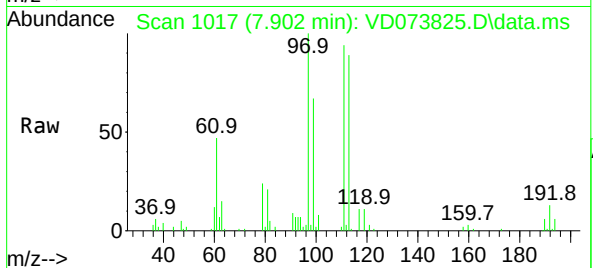
Tgt Ion:	113	Resp:	70862
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.4
192	15.4	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#36

1,1-Dichloropropene

Concen: 39.818 ug/l

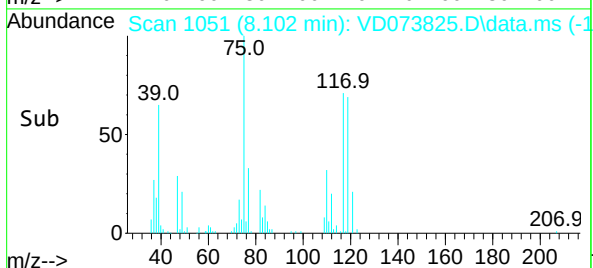
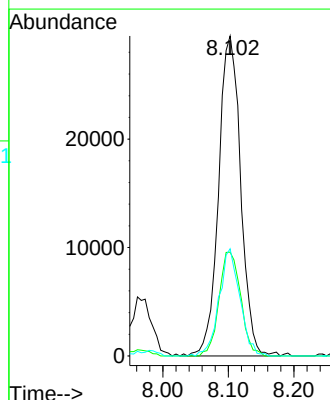
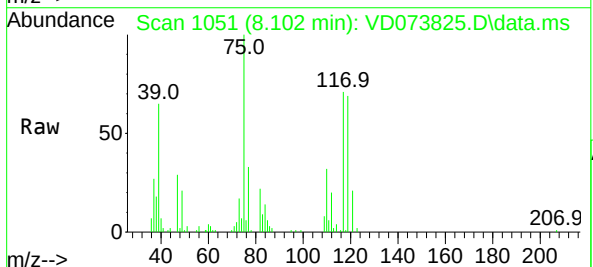
RT: 8.102 min Scan# 1051

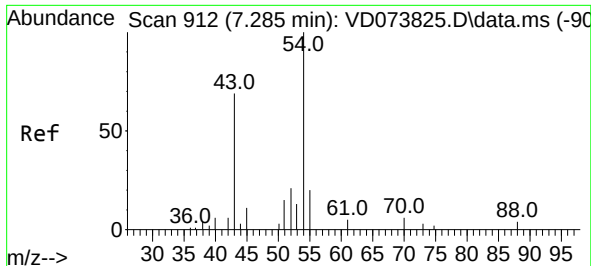
Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion:	75	Resp:	68902
Ion Ratio	Lower	Upper	
75	100		
110	31.9	16.0	47.9
77	31.6	25.3	37.9





#37

Ethyl Acetate

Concen: 39.817 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

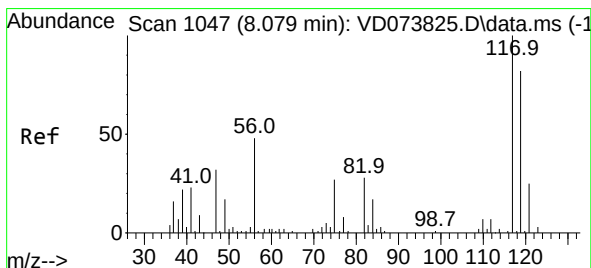
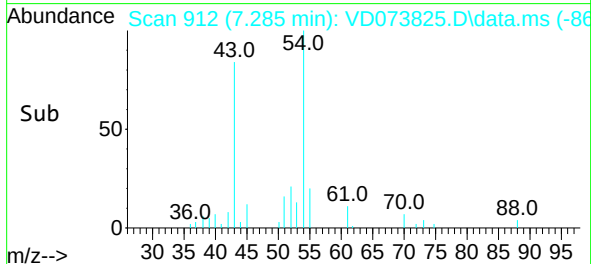
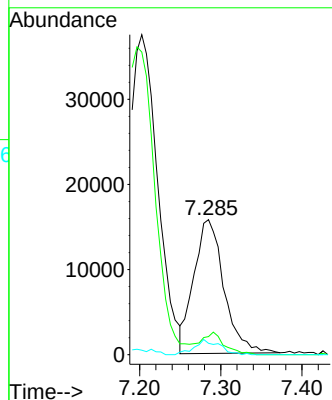
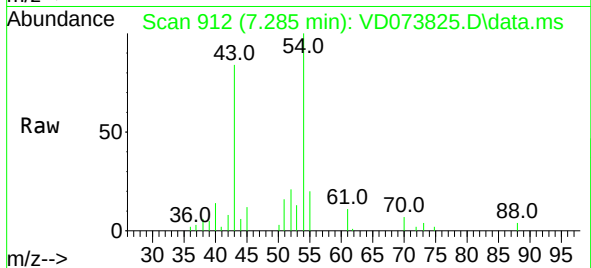
Tgt Ion: 43 Resp: 40509

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.4	7.5	11.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#38

Carbon Tetrachloride

Concen: 41.330 ug/l

RT: 8.079 min Scan# 1047

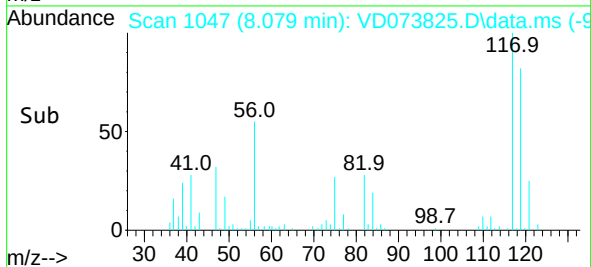
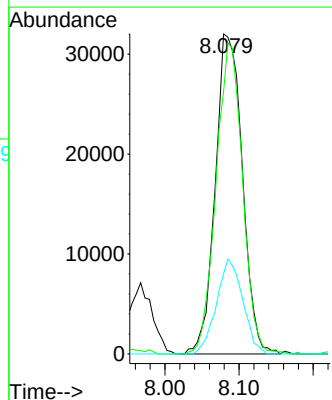
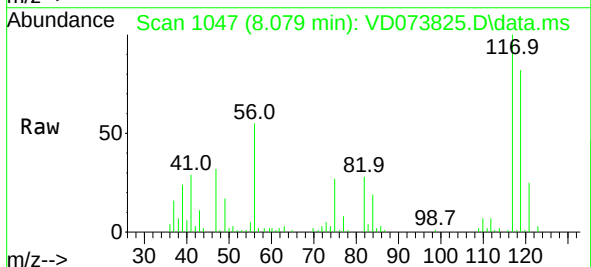
Delta R.T. 0.000 min

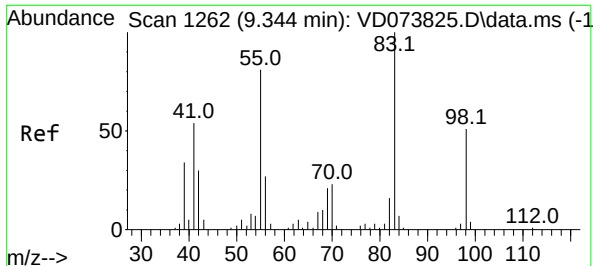
Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion: 117 Resp: 81296

Ion	Ratio	Lower	Upper
117	100		
119	82.0	65.6	98.4
121	25.1	20.1	30.1





#39

Methylcyclohexane

Concen: 37.329 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

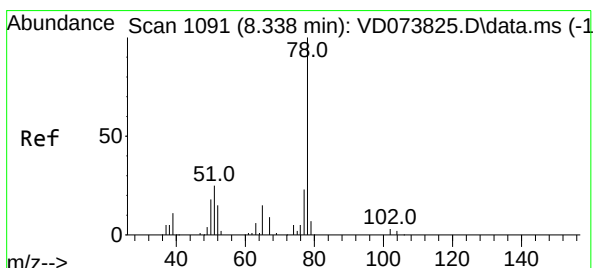
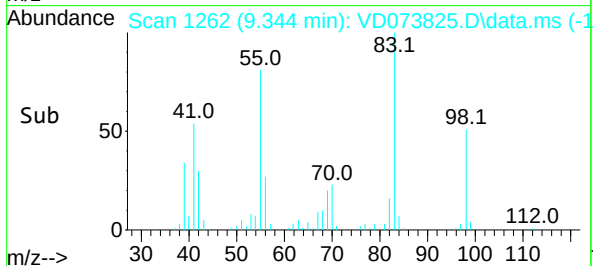
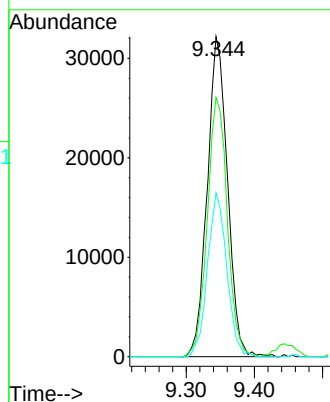
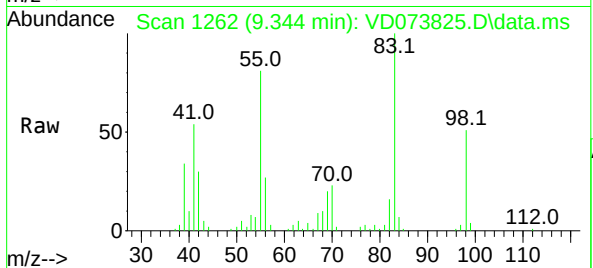
Tgt Ion: 83	Resp: 6640
Ion Ratio	Lower Upper
83 100	
55 81.0	64.8 97.2
98 51.2	41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#40

Benzene

Concen: 40.484 ug/l

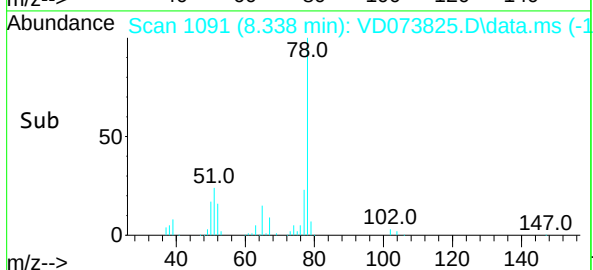
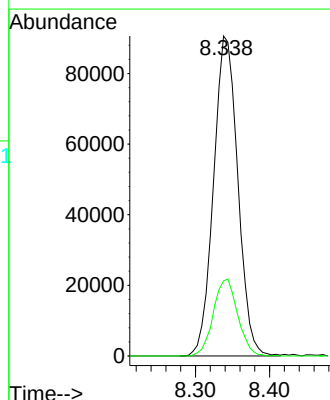
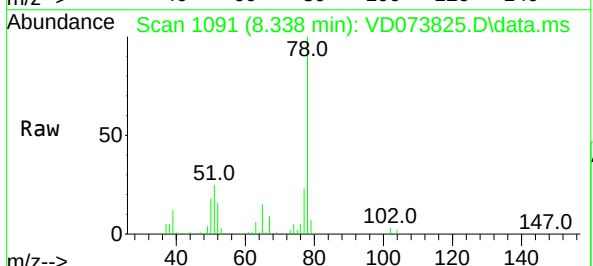
RT: 8.338 min Scan# 1091

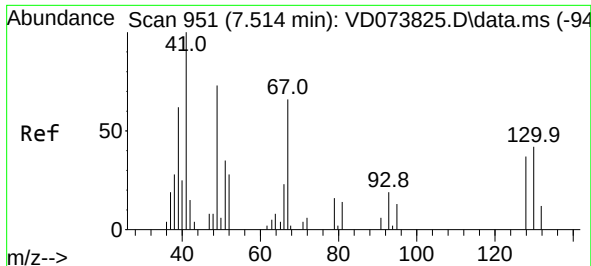
Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

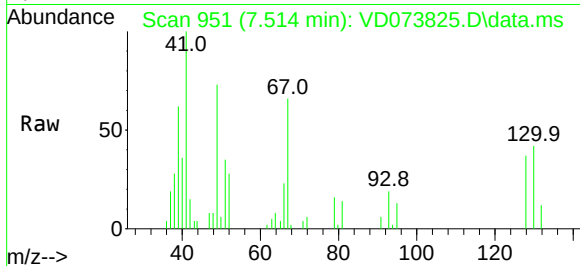
Tgt Ion: 78	Resp: 206098
Ion Ratio	Lower Upper
78 100	
77 23.5	18.8 28.2





#41
Methacrylonitrile
Concen: 52.654 ug/l
RT: 7.514 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

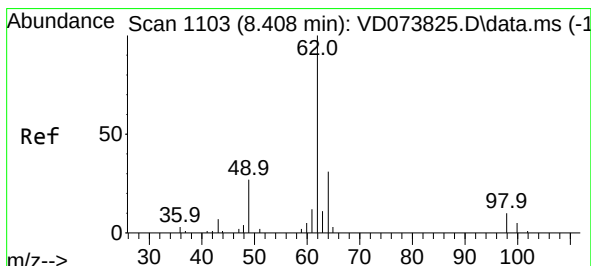
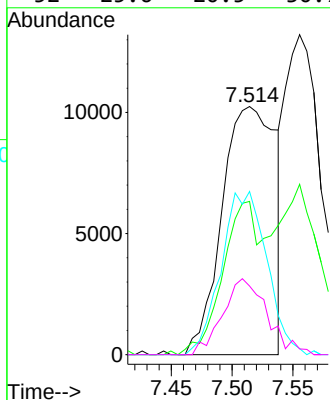
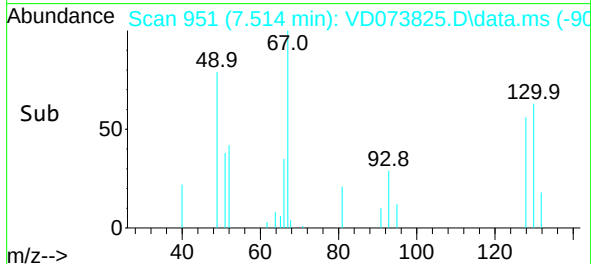
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



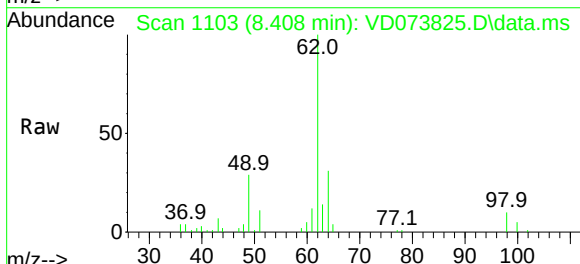
Tgt Ion: 41 Resp: 3122
Ion Ratio Lower Upper
41 100
39 44.5 35.6 53.4
67 56.3 45.0 67.6
52 25.6 20.5 30.7

Manual Integrations
APPROVED

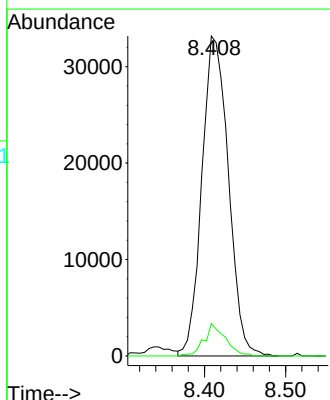
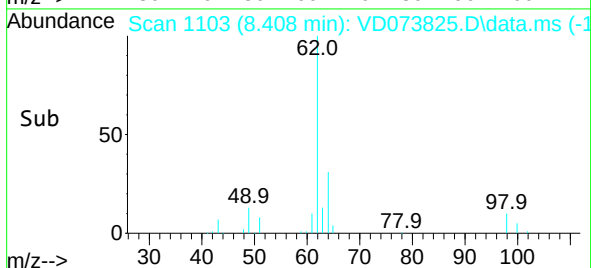
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

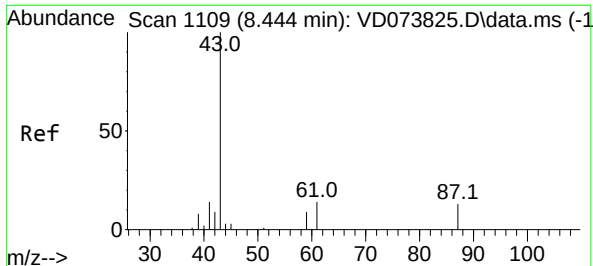


#42
1,2-Dichloroethane
Concen: 42.931 ug/l
RT: 8.408 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



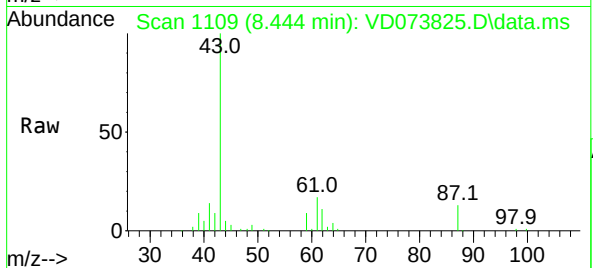
Tgt Ion: 62 Resp: 75253
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





#43
Isopropyl Acetate
Concen: 42.342 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

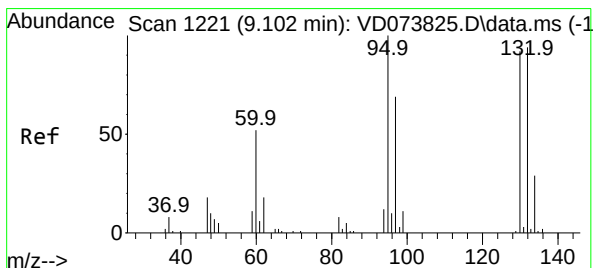
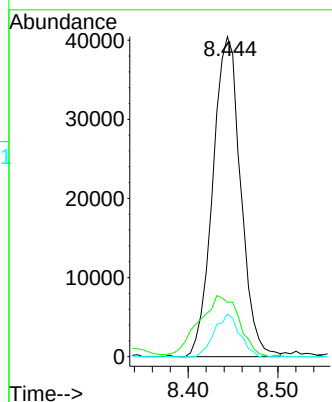
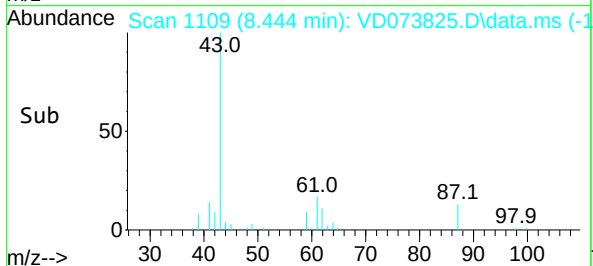
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



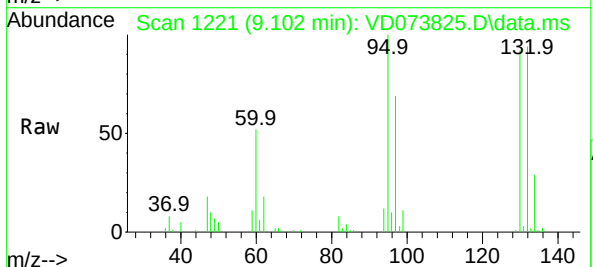
Tgt Ion: 43 Resp: 87200
Ion Ratio Lower Upper
43 100
61 27.7 22.2 33.2
87 12.1 9.7 14.5

Manual Integrations
APPROVED

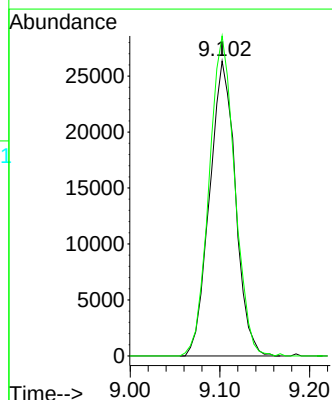
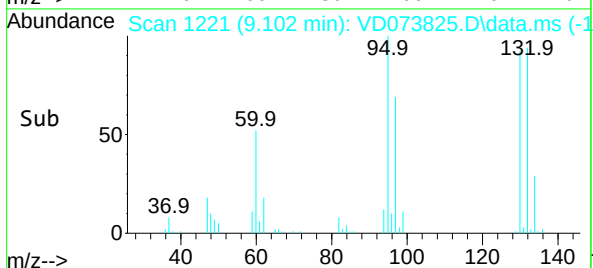
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

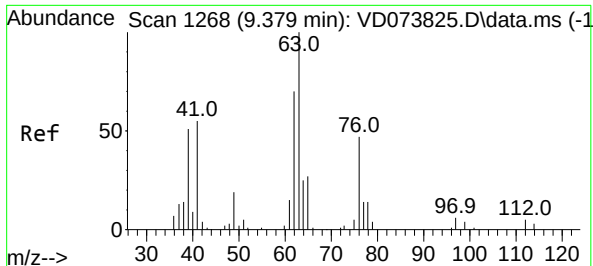


#44
Trichloroethene
Concen: 38.813 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



Tgt Ion:130 Resp: 52558
Ion Ratio Lower Upper
130 100
95 108.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 42.995 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 62840

Ion Ratio Lower Upper

63 100

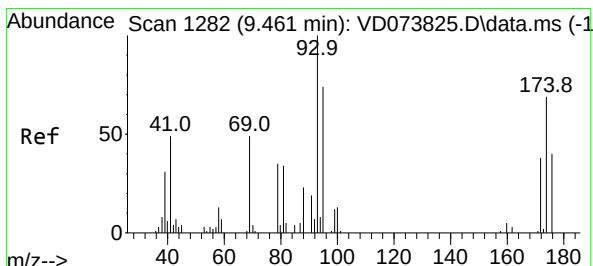
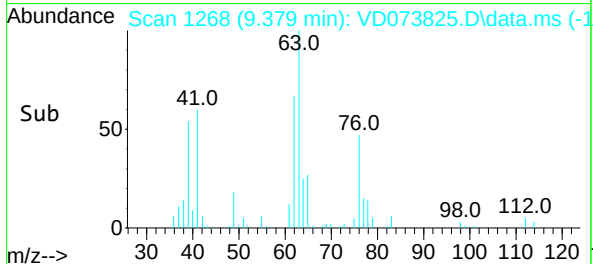
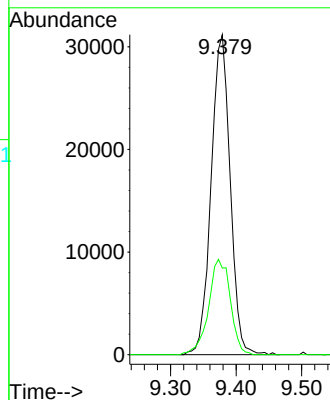
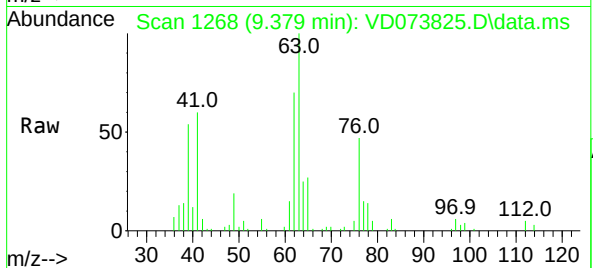
65 27.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#46

Dibromomethane

Concen: 41.727 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

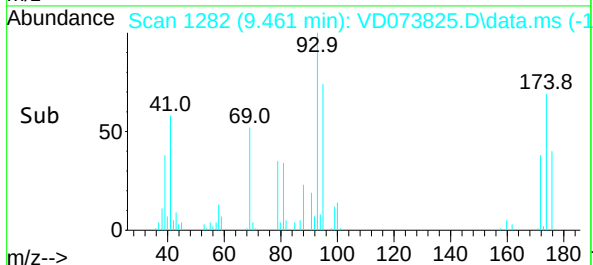
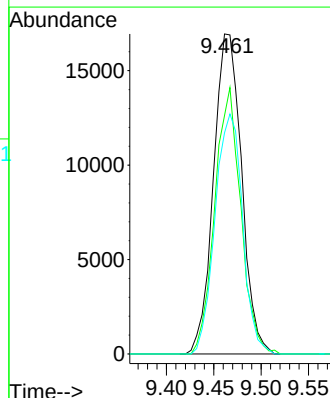
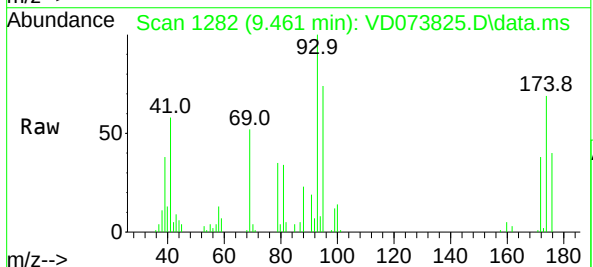
Tgt Ion: 93 Resp: 34925

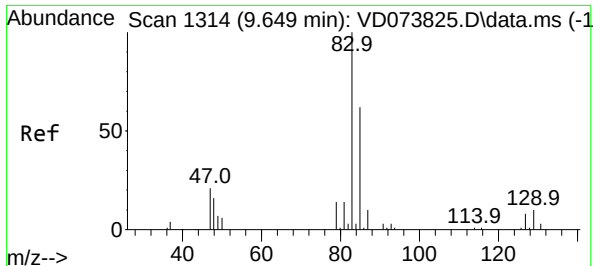
Ion Ratio Lower Upper

93 100

95 77.2 61.8 92.6

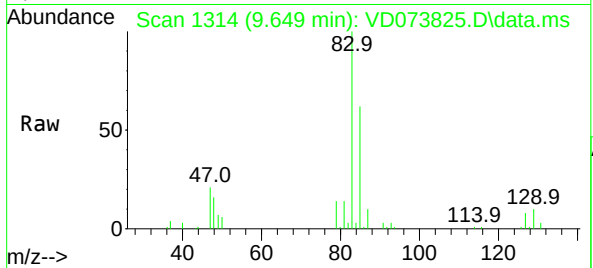
174 73.4 58.7 88.1





#47
Bromodichloromethane
Concen: 43.828 ug/l
RT: 9.649 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

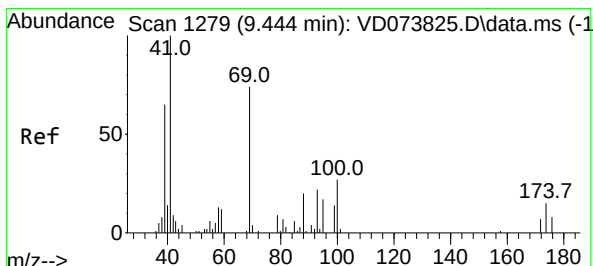
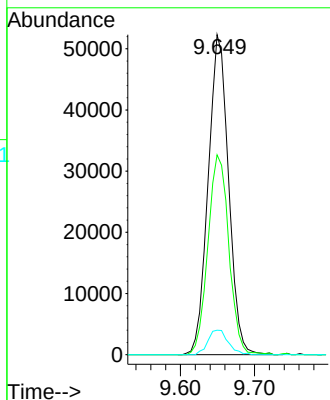
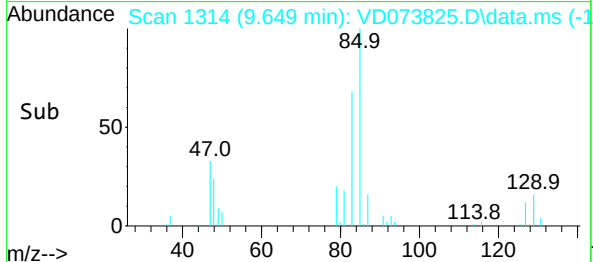
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



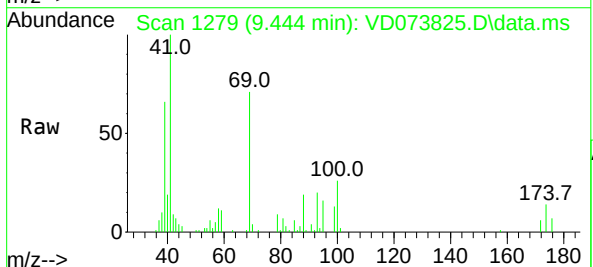
Tgt Ion: 83 Resp: 99920
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 7.7 6.2 9.2

Manual Integrations
APPROVED

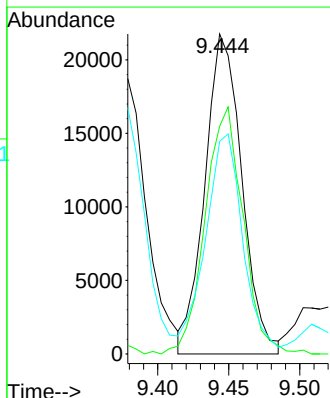
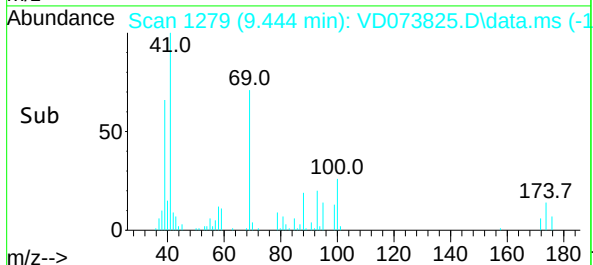
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

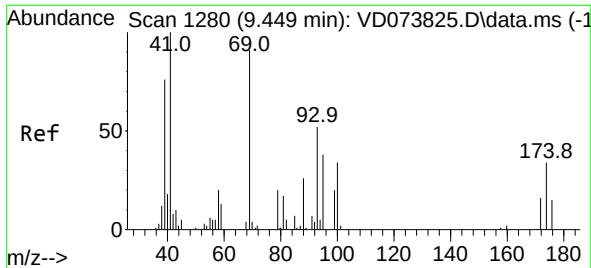


#48
Methyl methacrylate
Concen: 41.961 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



Tgt Ion: 41 Resp: 39424
Ion Ratio Lower Upper
41 100
69 79.3 63.4 95.2
39 69.5 55.6 83.4





#49

1,4-Dioxane

Concen: 909.196 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 944

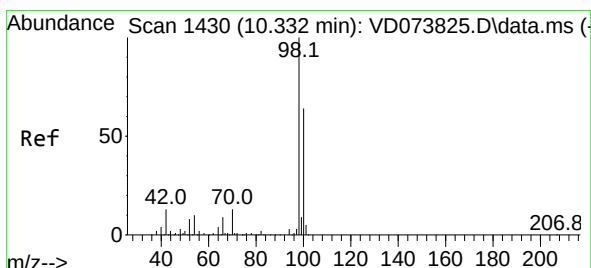
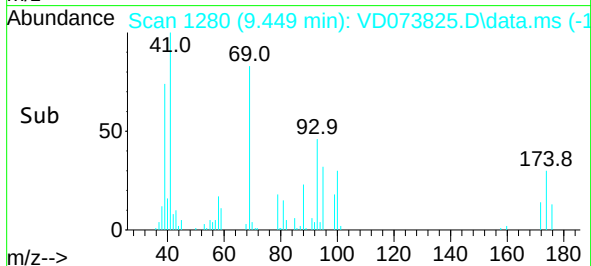
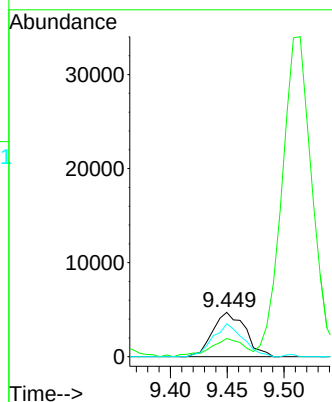
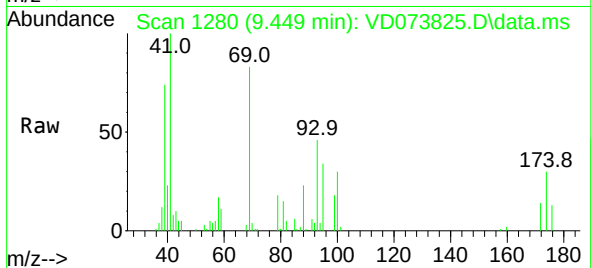
Ion	Ratio	Lower	Upper
88	100		
43	42.8	34.2	51.4
58	68.5	54.8	82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#50

Toluene-d8

Concen: 45.669 ug/l

RT: 10.332 min Scan# 1430

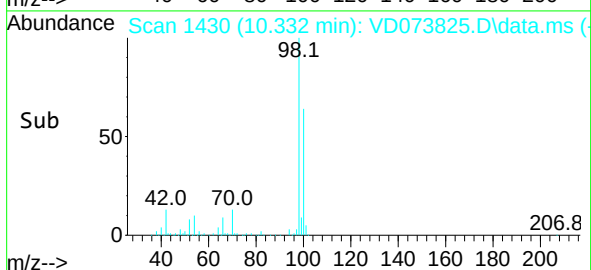
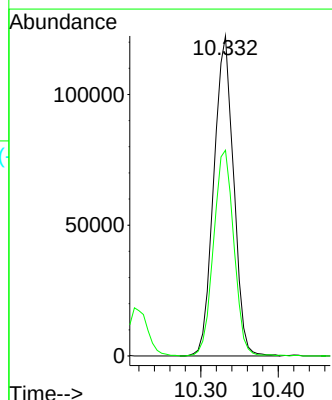
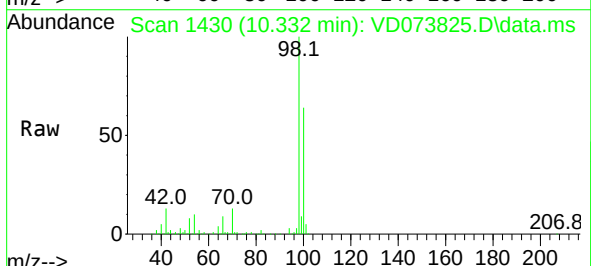
Delta R.T. 0.000 min

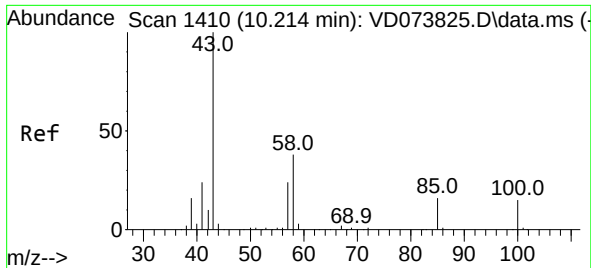
Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Tgt Ion: 98 Resp: 216884

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





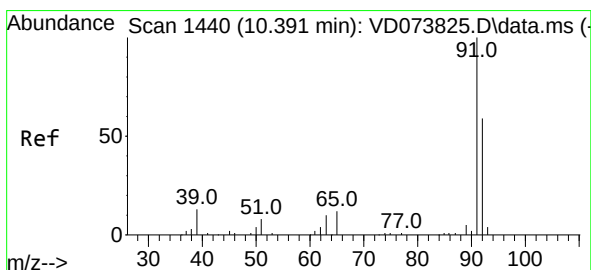
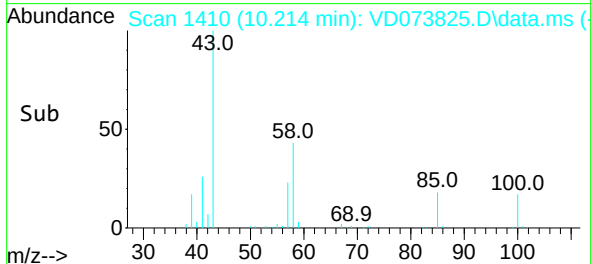
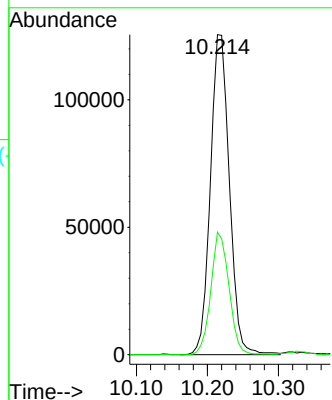
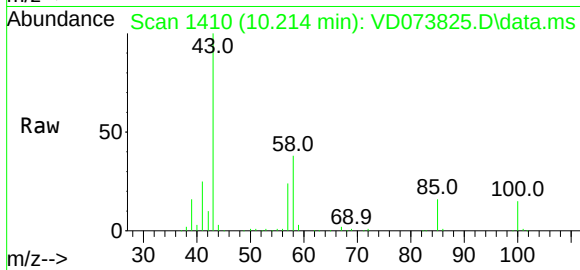
#51
4-Methyl-2-Pentanone
Concen: 216.927 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 233188
Ion Ratio Lower Upper
43 100
58 36.6 29.3 43.9

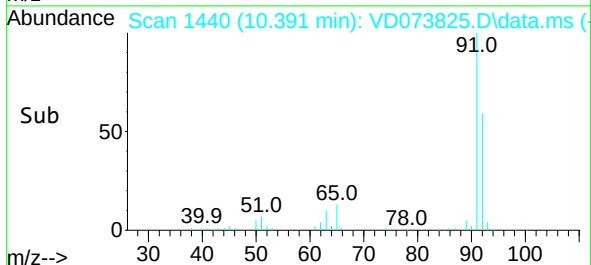
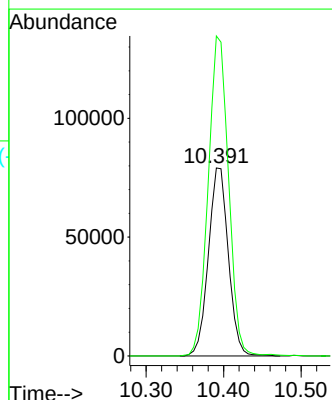
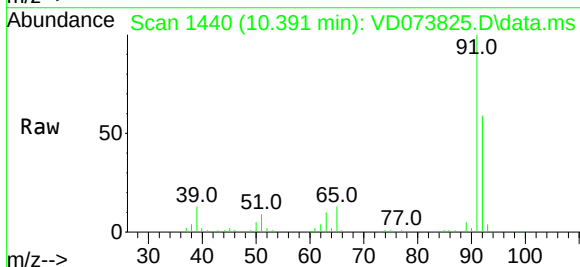
Manual Integrations
APPROVED

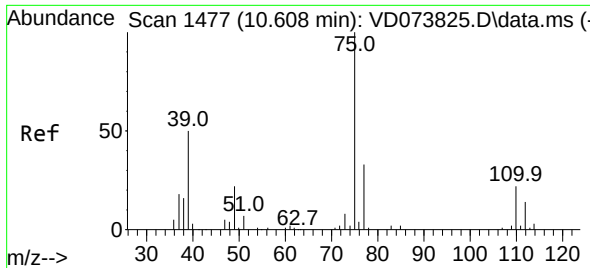
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#52
Toluene
Concen: 41.901 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

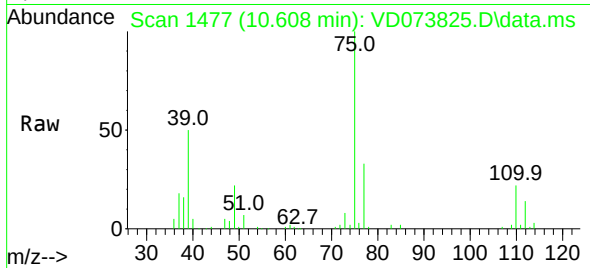
Tgt Ion: 92 Resp: 141497
Ion Ratio Lower Upper
92 100
91 173.0 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 43.046 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

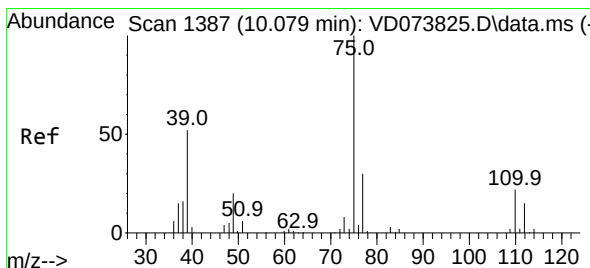
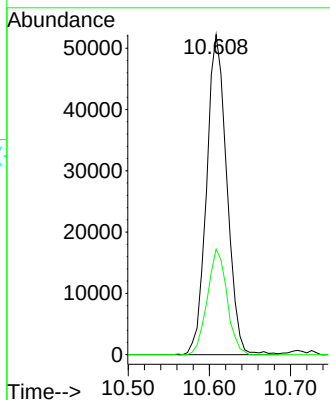
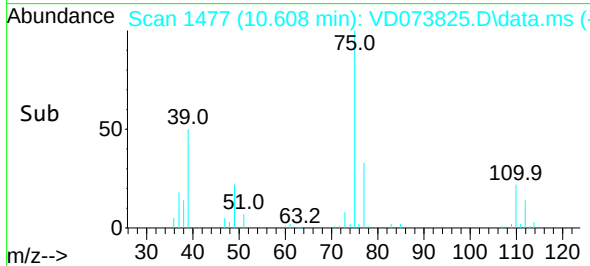
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 90278
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6

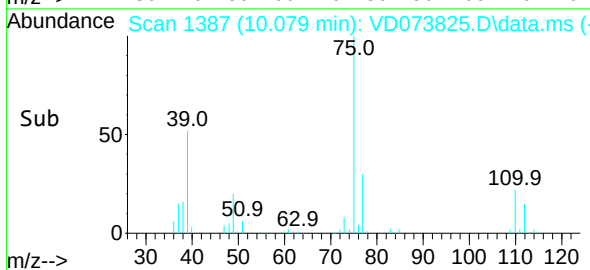
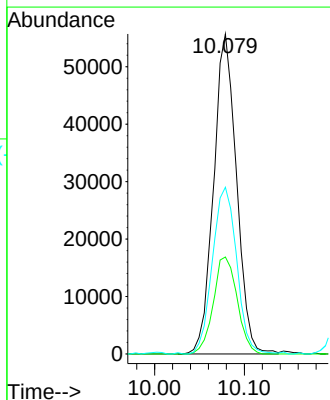
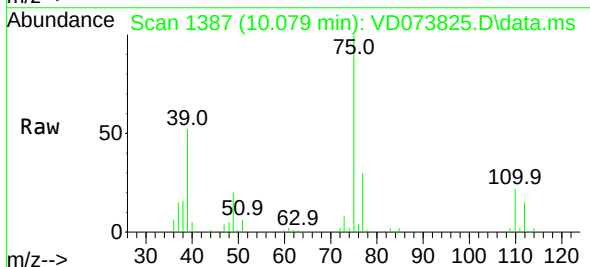
Manual Integrations
APPROVED

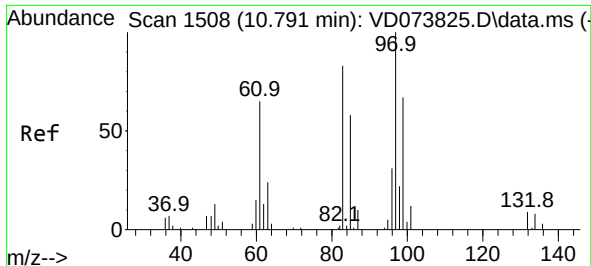
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#54
cis-1,3-Dichloropropene
Concen: 42.469 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

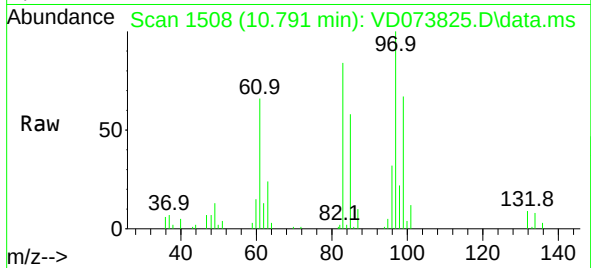
Tgt Ion: 75 Resp: 98776
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4
39 51.8 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 43.247 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

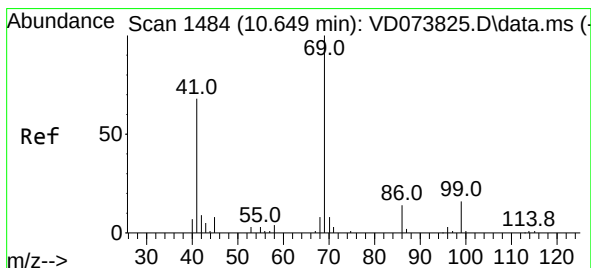
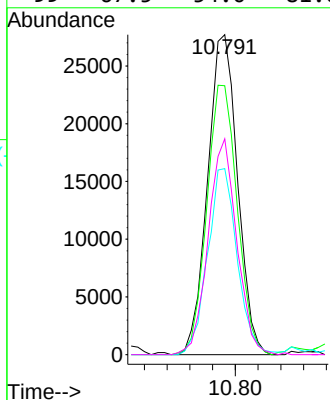
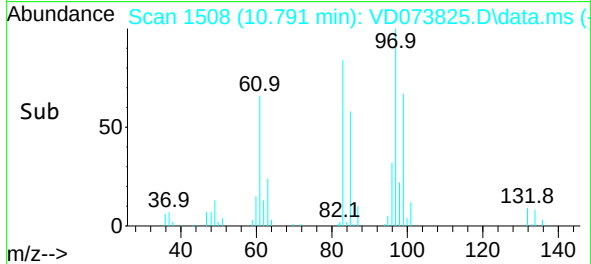
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



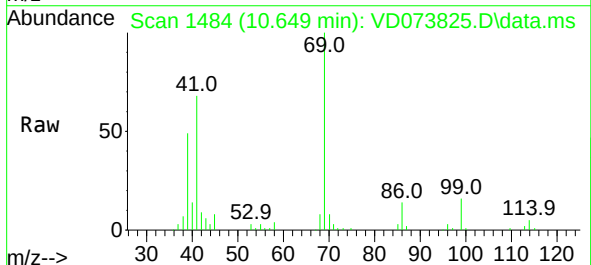
Tgt Ion: 97 Resp: 50650
Ion Ratio Lower Upper
97 100
83 83.5 66.8 100.2
85 58.2 46.6 69.8
99 67.5 54.0 81.0

Manual Integrations
APPROVED

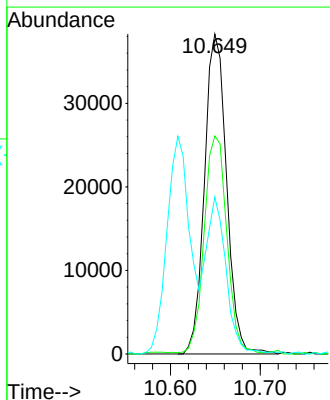
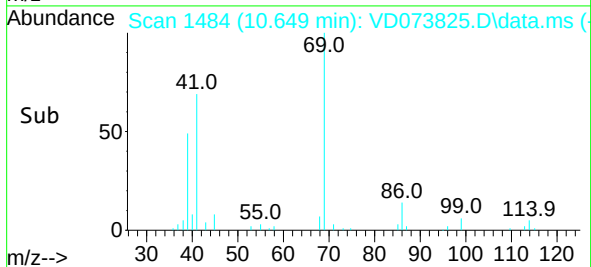
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

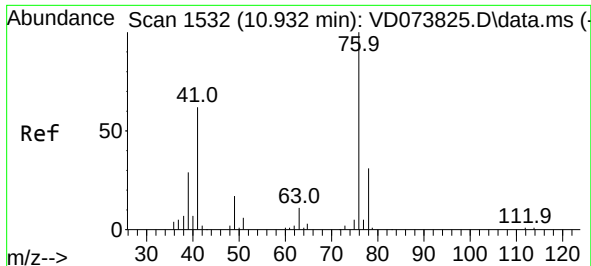


#56
Ethyl methacrylate
Concen: 43.775 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



Tgt Ion: 69 Resp: 65450
Ion Ratio Lower Upper
69 100
41 69.1 55.3 82.9
39 44.9 35.9 53.9





#57

1,3-Dichloropropane

Concen: 43.787 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 88540

Ion Ratio Lower Upper

76 100

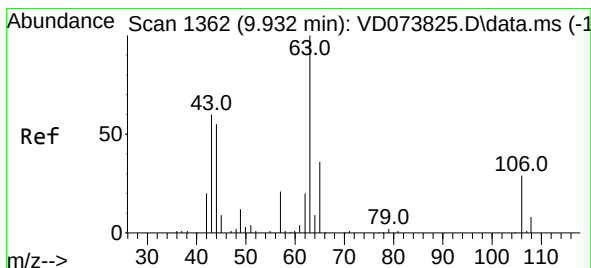
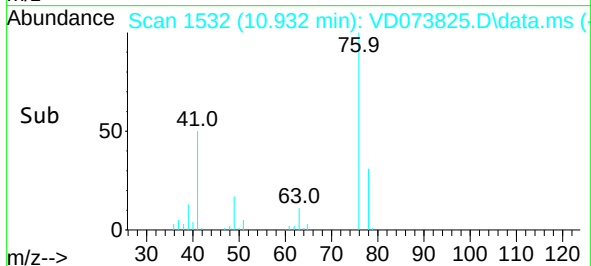
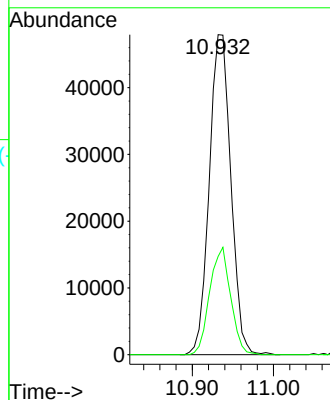
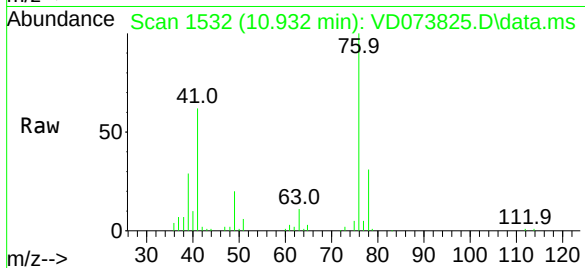
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 195.560 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073825.D

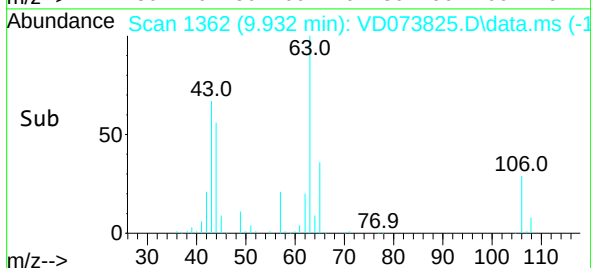
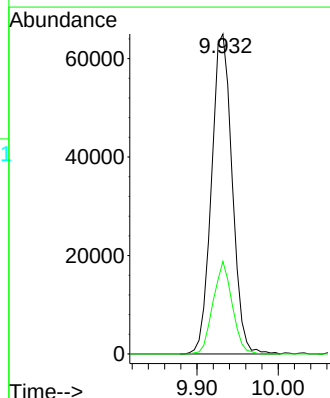
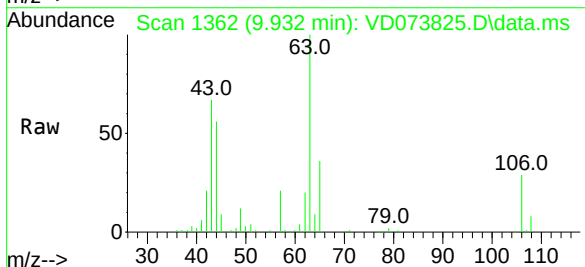
Acq: 11 Jul 2022 16:12

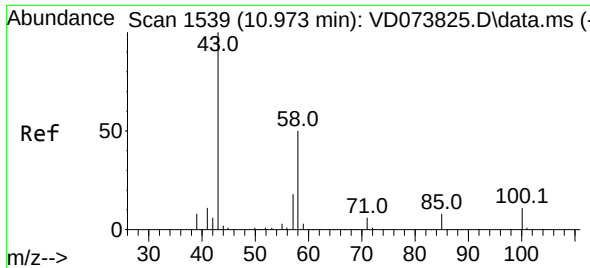
Tgt Ion: 63 Resp: 114997

Ion Ratio Lower Upper

63 100

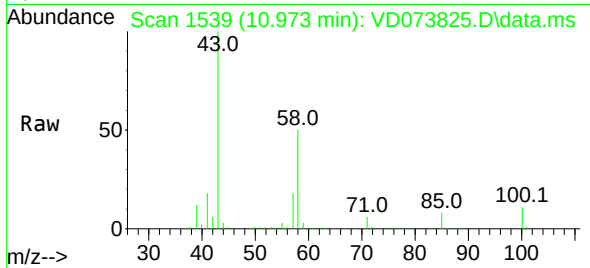
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 225.616 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

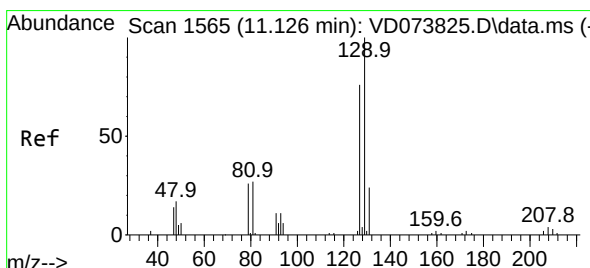
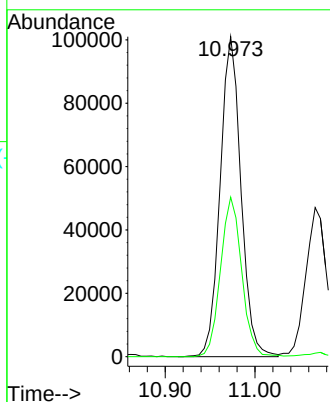
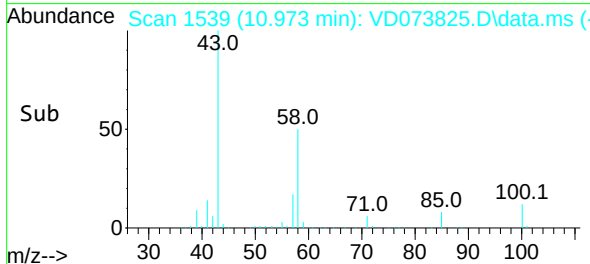
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



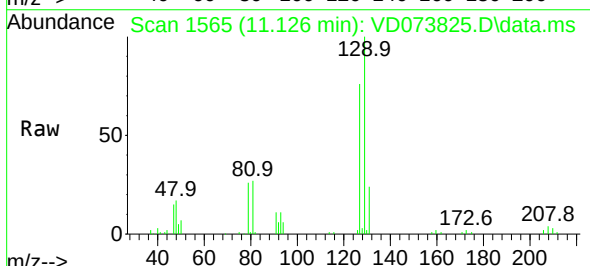
Tgt Ion: 43 Resp: 162849
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9

Manual Integrations
APPROVED

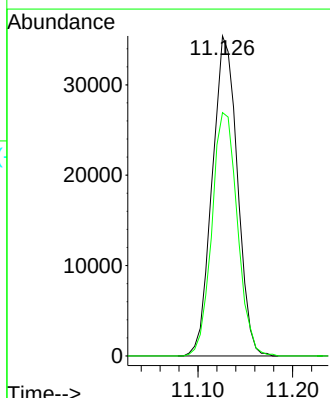
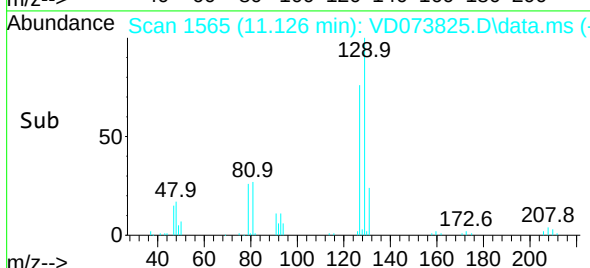
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

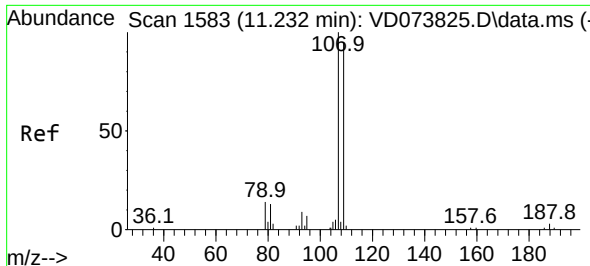


#60
Dibromochloromethane
Concen: 44.972 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



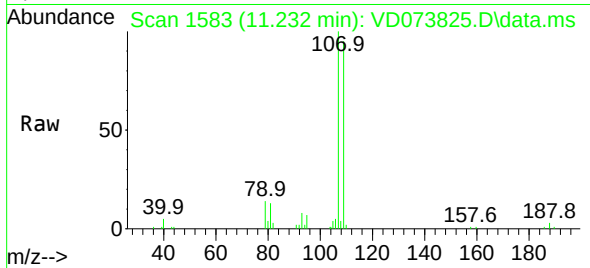
Tgt Ion:129 Resp: 65280
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 43.102 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

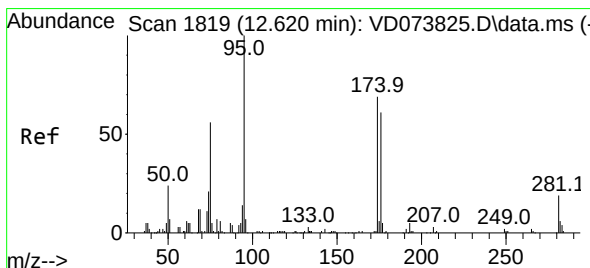
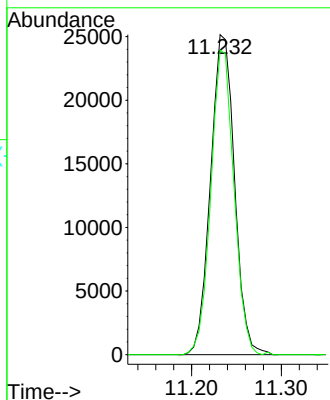
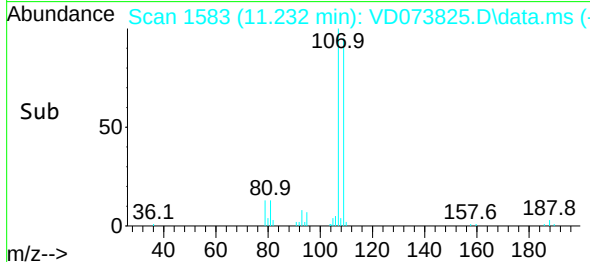
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



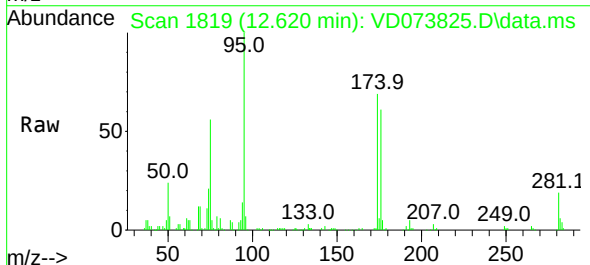
Tgt Ion:107 Resp: 4666
Ion Ratio Lower Upper
107 100
109 91.5 73.2 109.8

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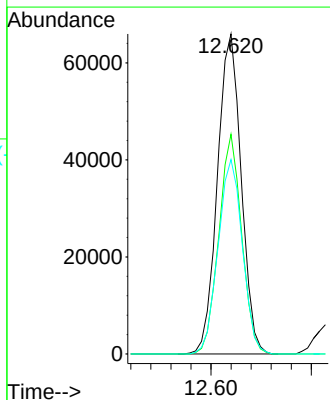
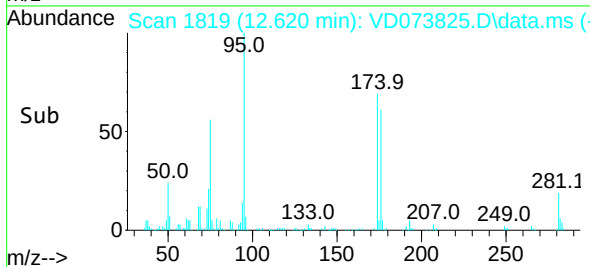
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

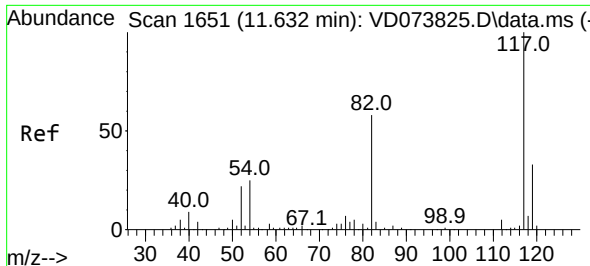


#62
4-Bromofluorobenzene
Concen: 54.079 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



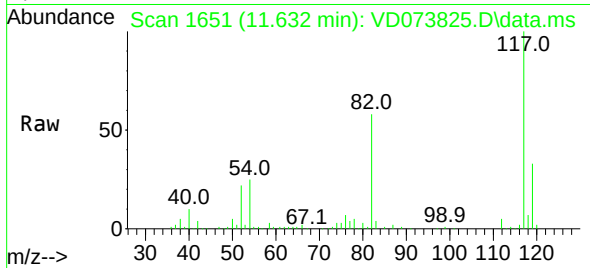
Tgt Ion: 95 Resp: 108241
Ion Ratio Lower Upper
95 100
174 65.9 0.0 131.8
176 62.1 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

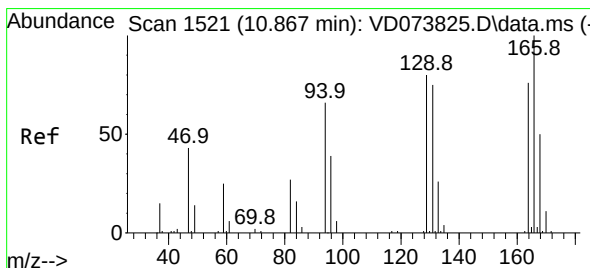
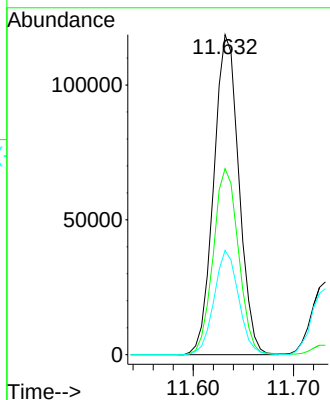
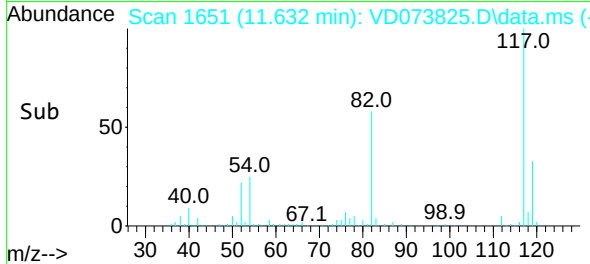
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



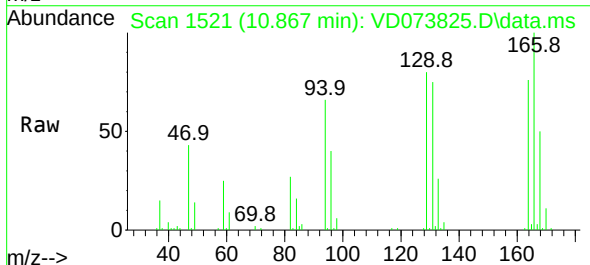
Tgt Ion:117 Resp: 20670
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 32.6 26.1 39.1

Manual Integrations
APPROVED

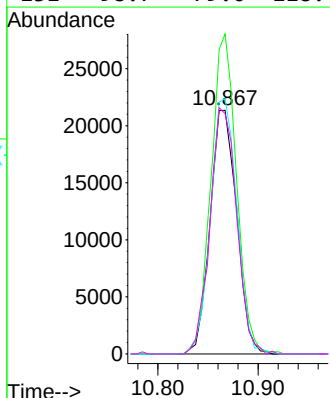
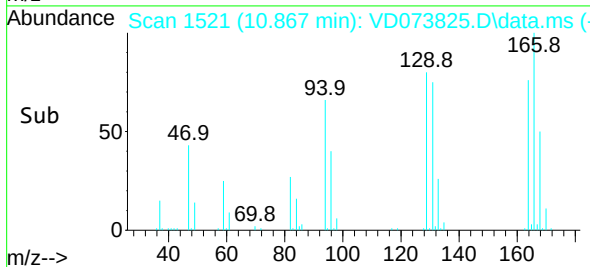
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

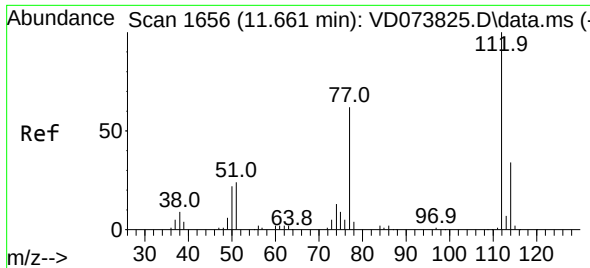


#64
Tetrachloroethene
Concen: 38.271 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



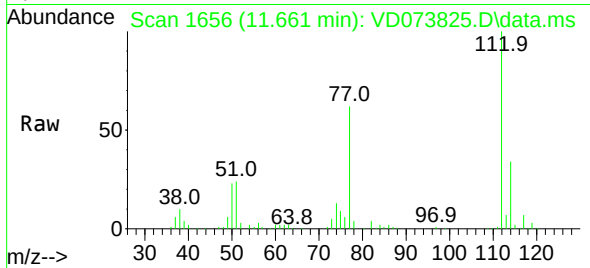
Tgt Ion:164 Resp: 39208
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 104.8 83.8 125.8
131 98.7 79.0 118.4





#65
Chlorobenzene
Concen: 41.847 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

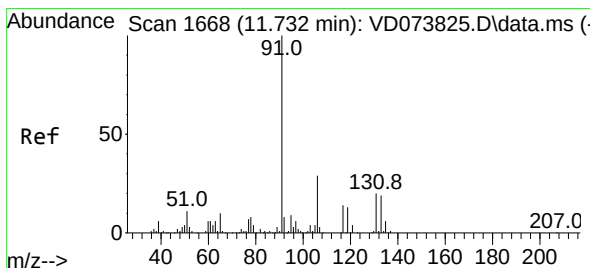
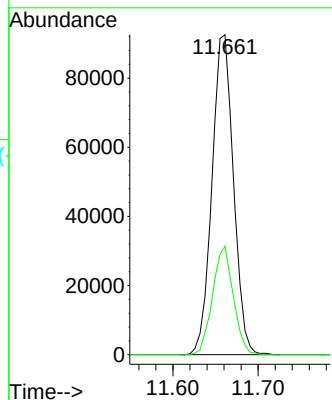
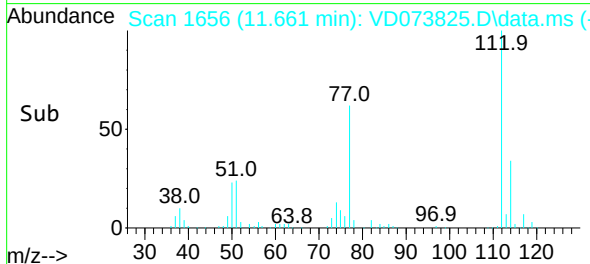
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



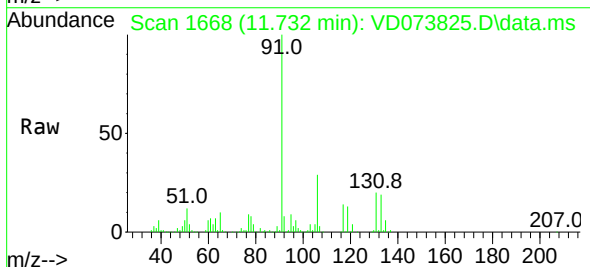
Tgt Ion:112 Resp: 162384
Ion Ratio Lower Upper
112 100
114 33.9 27.1 40.7

Manual Integrations
APPROVED

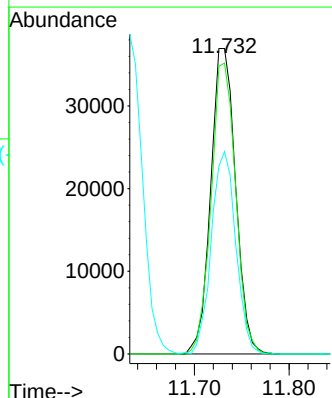
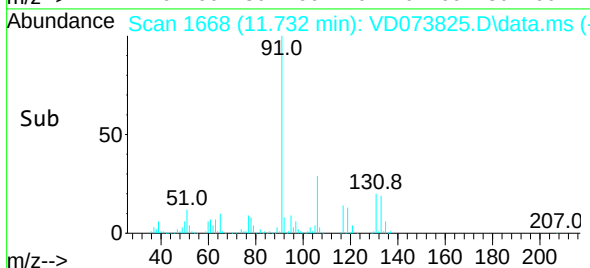
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

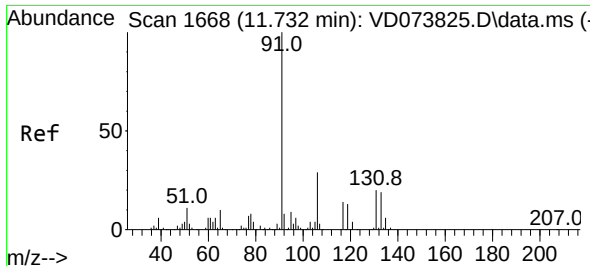


#66
1,1,1,2-Tetrachloroethane
Concen: 44.920 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



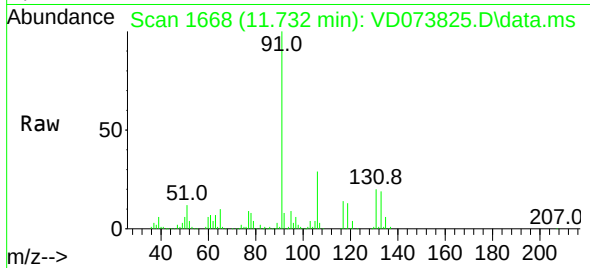
Tgt Ion:131 Resp: 67360
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 65.3 32.6 98.0





#67
Ethyl Benzene
Concen: 42.852 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

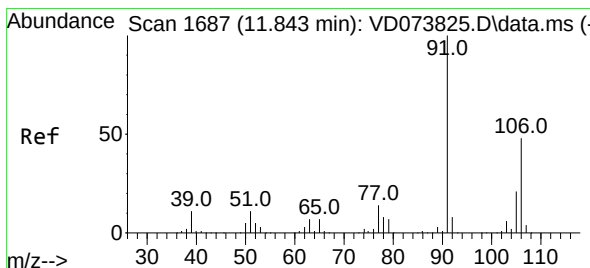
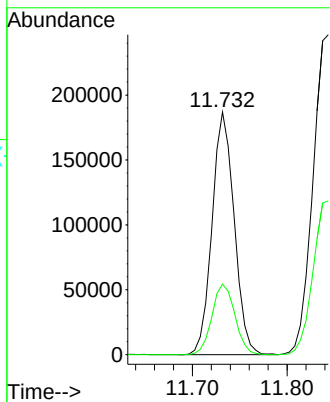
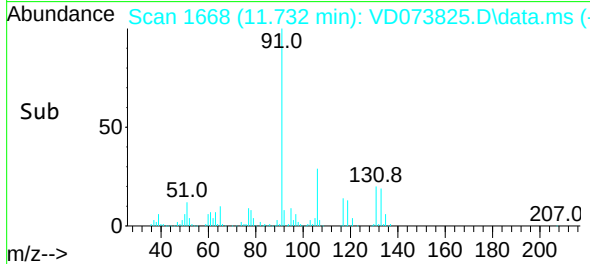
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 30303
Ion Ratio Lower Upper
91 100
106 29.0 23.2 34.8

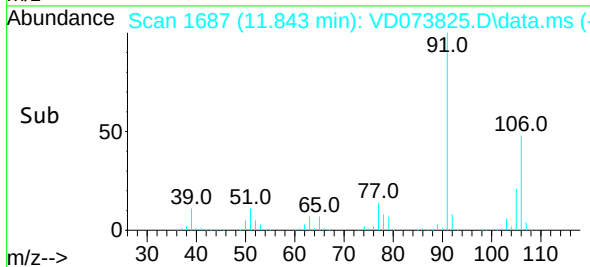
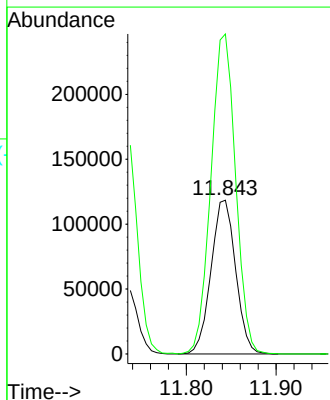
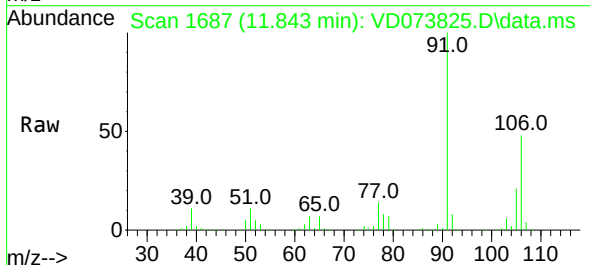
Manual Integrations
APPROVED

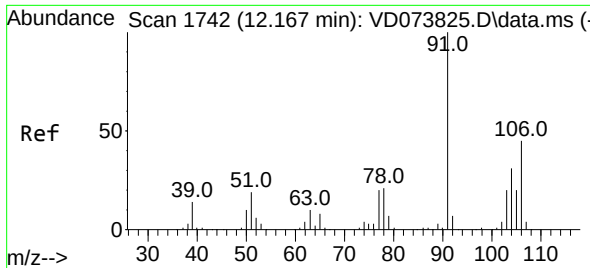
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#68
m/p-Xylenes
Concen: 84.584 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Tgt Ion:106 Resp: 225615
Ion Ratio Lower Upper
106 100
91 208.7 167.0 250.4





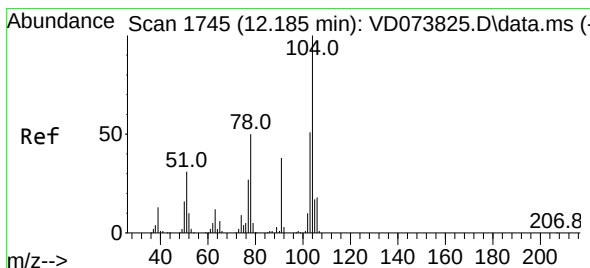
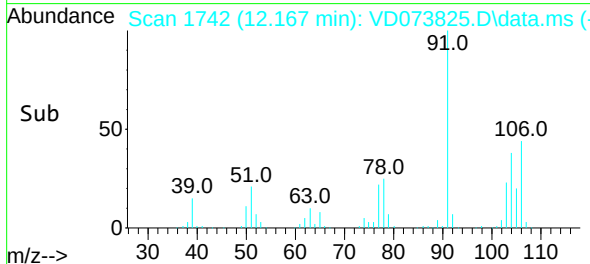
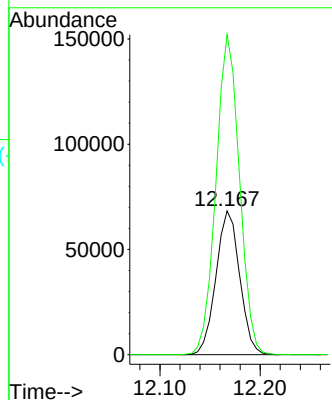
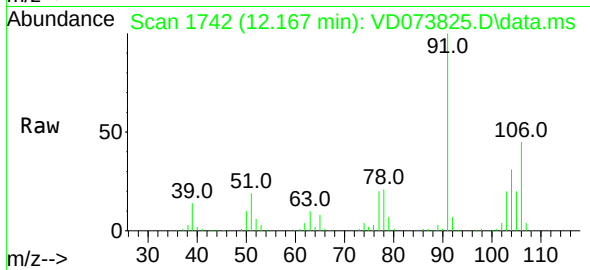
#69
o-Xylene
Concen: 43.620 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 11210
Ion Ratio Lower Upper
106 100
91 220.8 110.4 331.2

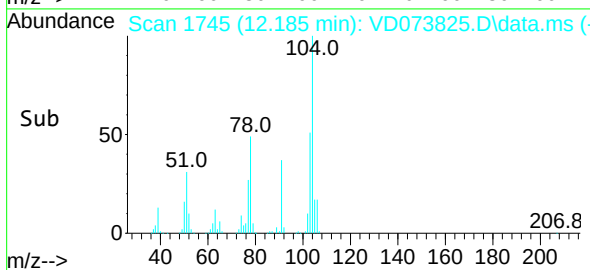
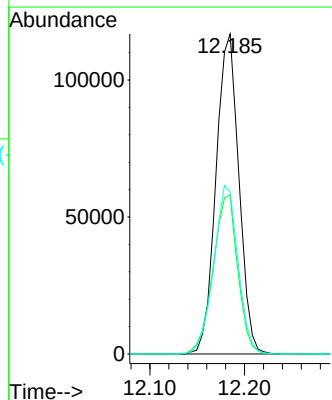
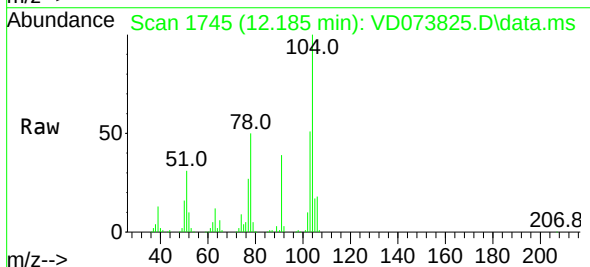
Manual Integrations
APPROVED

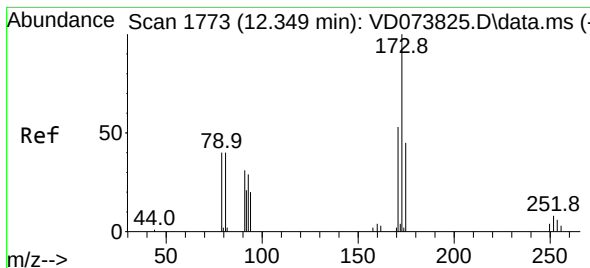
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#70
Styrene
Concen: 43.641 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Tgt Ion:104 Resp: 196339
Ion Ratio Lower Upper
104 100
78 53.5 42.8 64.2
103 55.6 44.5 66.7





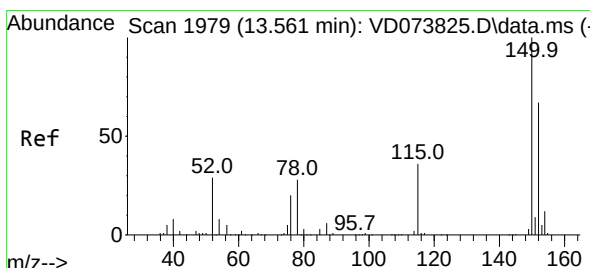
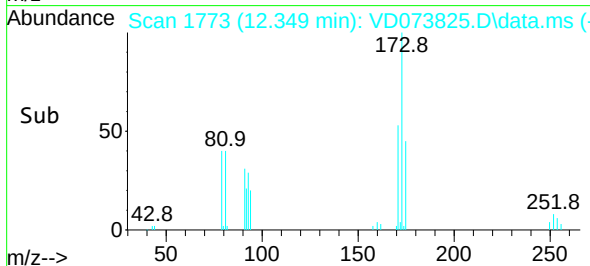
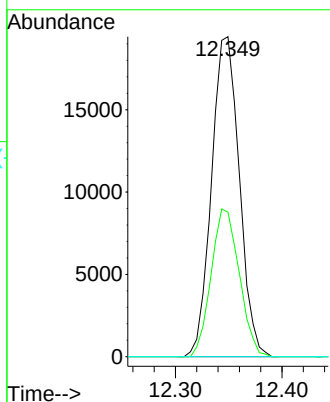
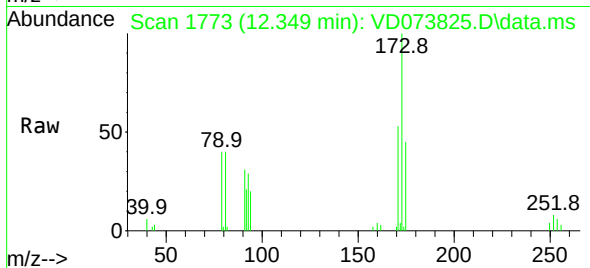
#71
Bromoform
Concen: 46.091 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 35197
Ion Ratio Lower Upper
173 100
175 46.7 23.4 70.0
254 0.0 0.0 0.0

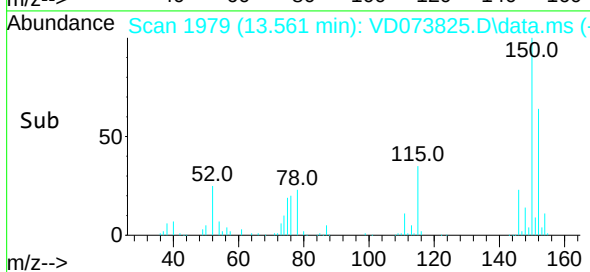
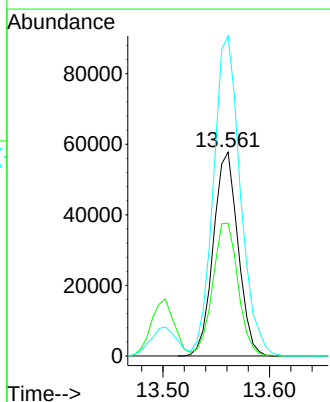
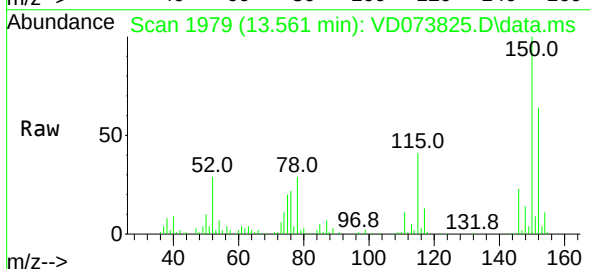
Manual Integrations
APPROVED

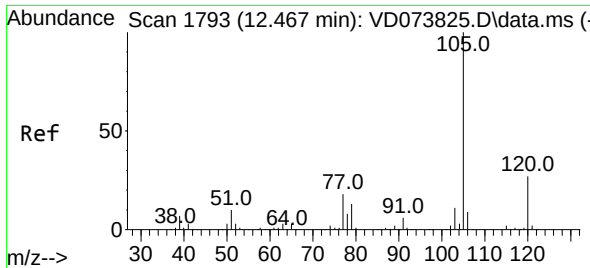
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

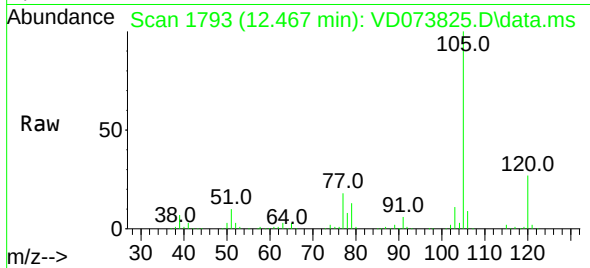
Tgt Ion:152 Resp: 92828
Ion Ratio Lower Upper
152 100
115 67.0 33.5 100.5
150 171.6 0.0 343.2





#73
Isopropylbenzene
Concen: 44.085 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

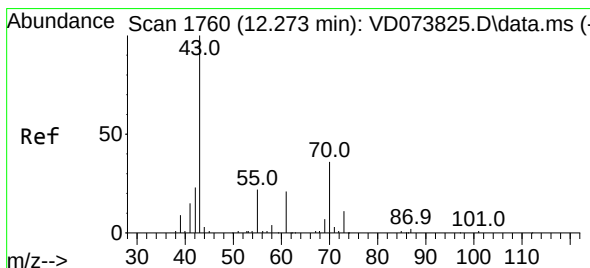
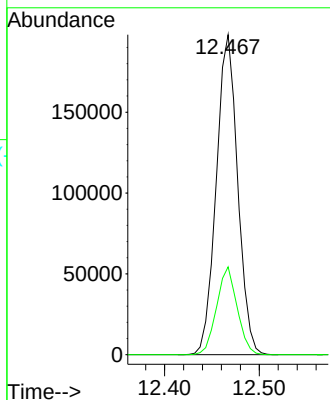
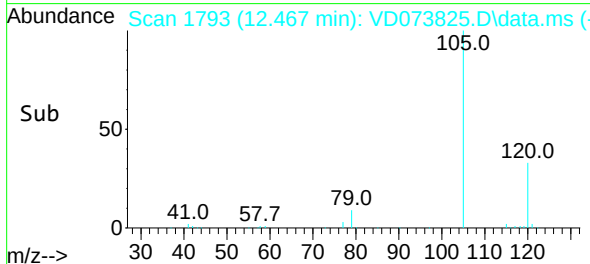
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



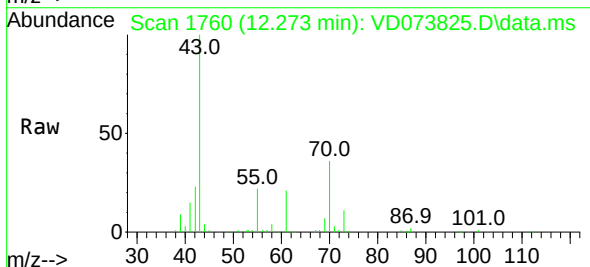
Tgt Ion:105 Resp: 31118
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

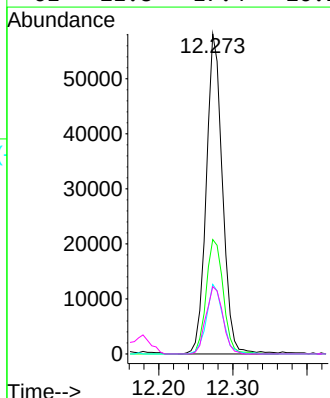
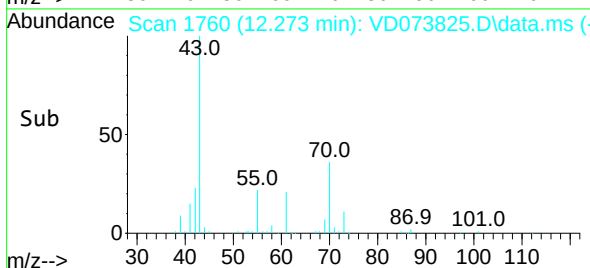
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

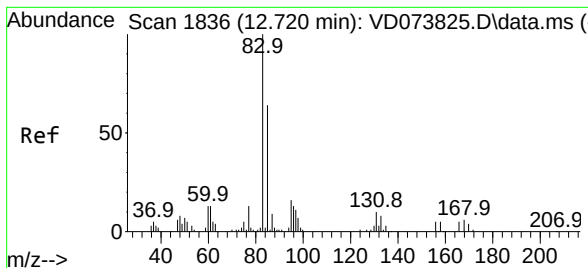


#74
N-ethyl acetate
Concen: 44.635 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



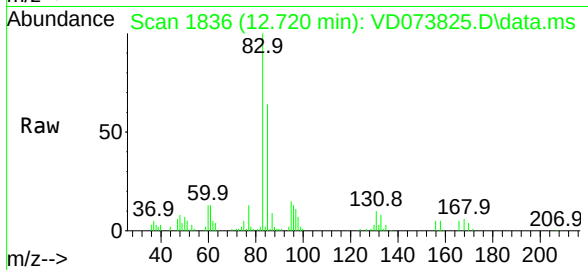
Tgt Ion: 43 Resp: 88411
Ion Ratio Lower Upper
43 100
70 37.5 30.0 45.0
55 21.7 17.4 26.0
61 21.8 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.267 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

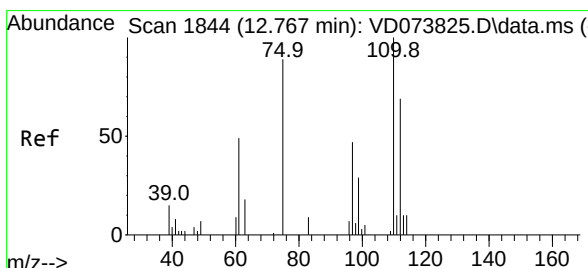
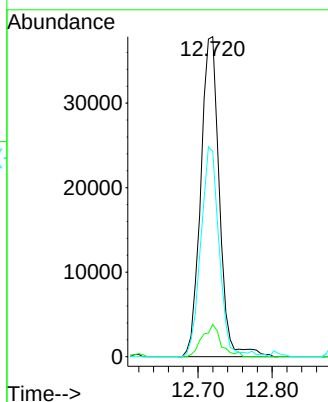
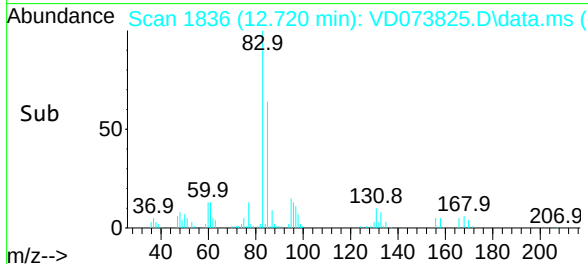
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 66070
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.9 32.5 97.4

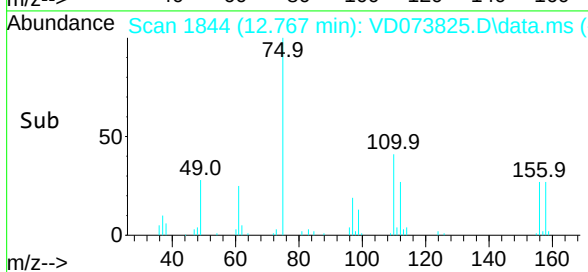
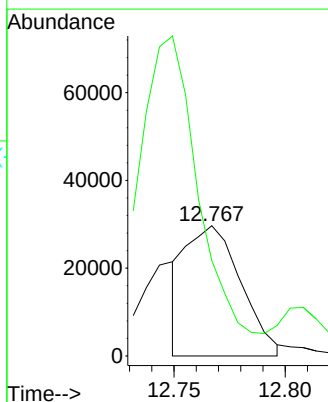
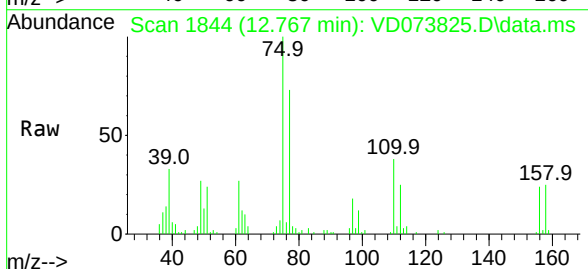
Manual Integrations
APPROVED

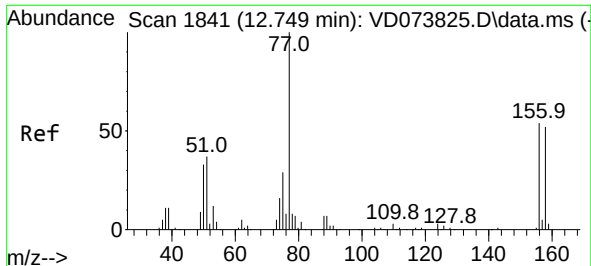
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#76
1,2,3-Trichloropropane
Concen: 49.437 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

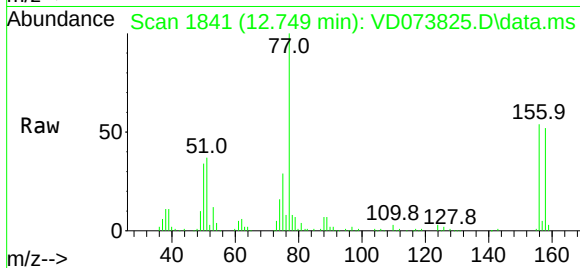
Tgt Ion: 75 Resp: 51582
Ion Ratio Lower Upper
75 100
77 276.0 138.0 414.0





#77
Bromobenzene
Concen: 43.843 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

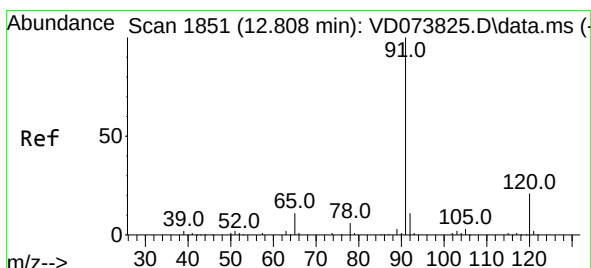
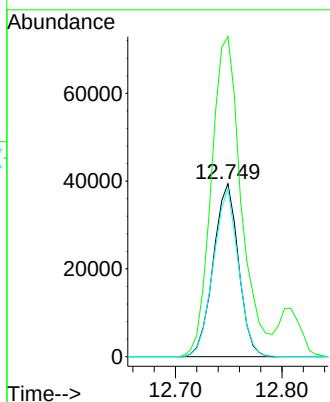
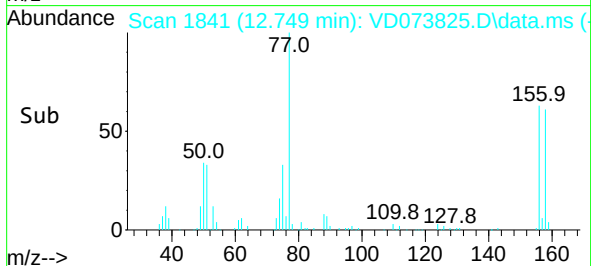
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



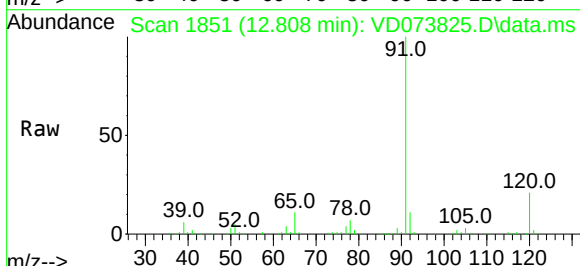
Tgt Ion:156 Resp: 6465
Ion Ratio Lower Upper
156 100
77 220.2 110.1 330.3
158 96.6 48.3 144.9

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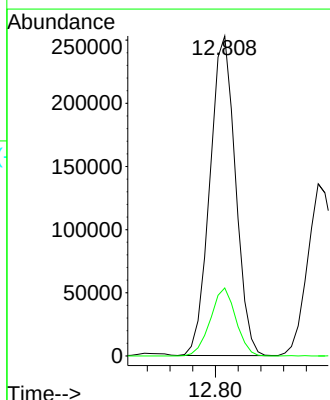
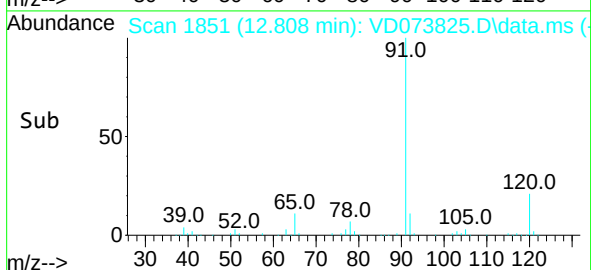
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

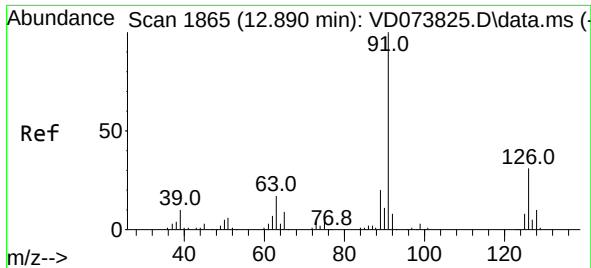


#78
n-propylbenzene
Concen: 44.500 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



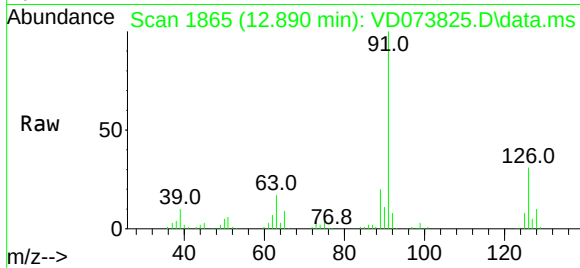
Tgt Ion: 91 Resp: 396122
Ion Ratio Lower Upper
91 100
120 21.1 10.5 31.6





#79
2-Chlorotoluene
Concen: 45.352 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

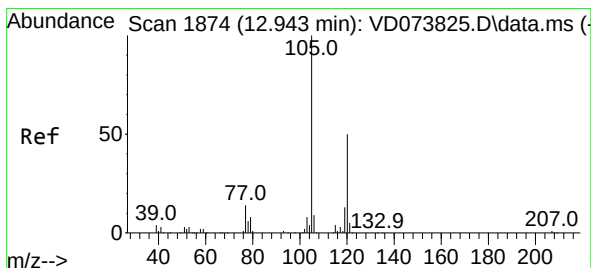
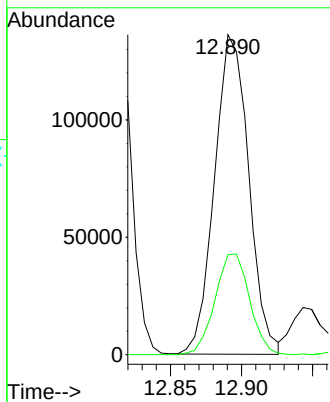
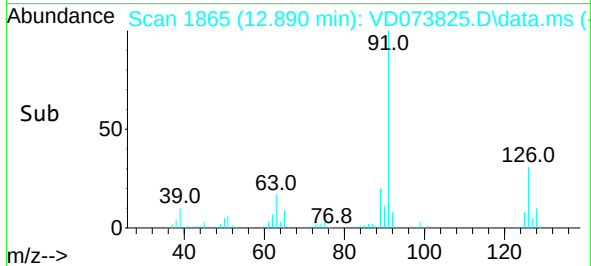
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 228090
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7

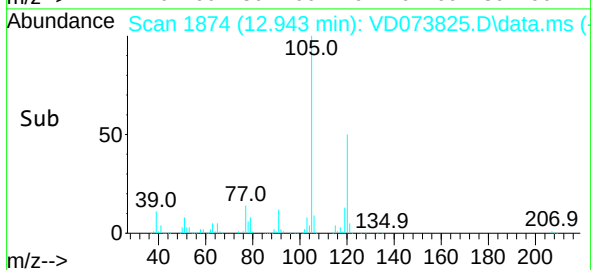
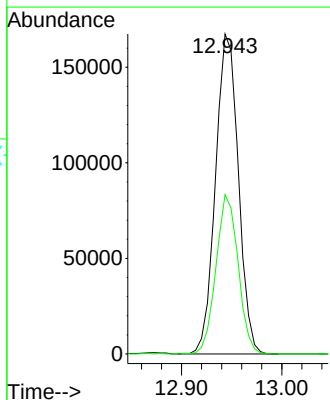
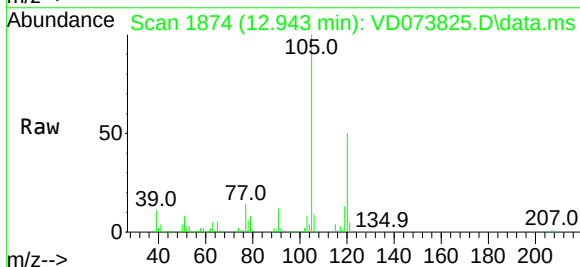
Manual Integrations
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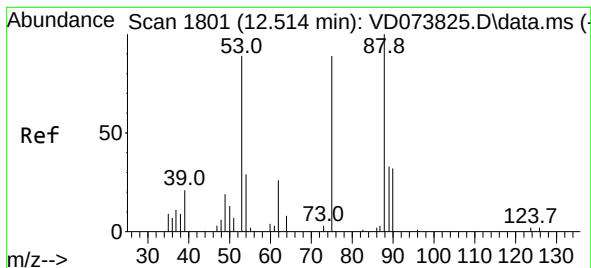
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 44.731 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

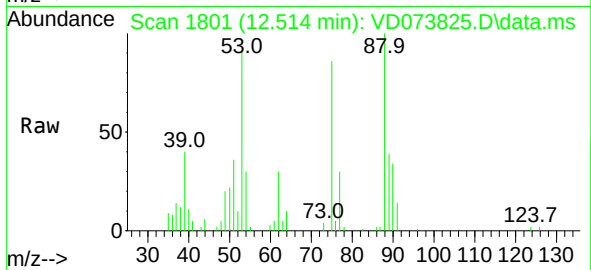
Tgt Ion:105 Resp: 264770
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.091 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

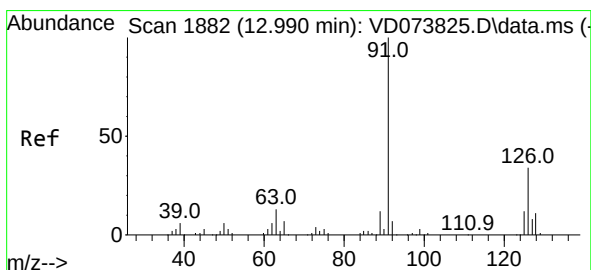
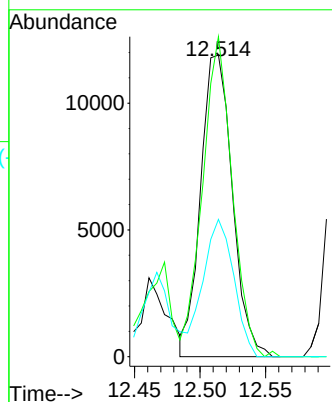
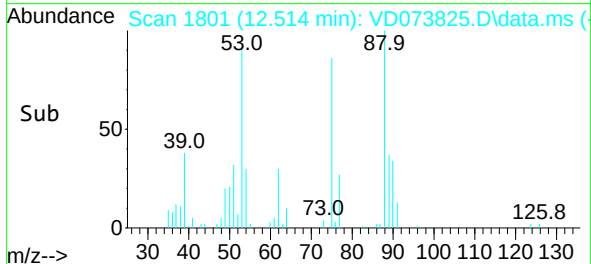
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



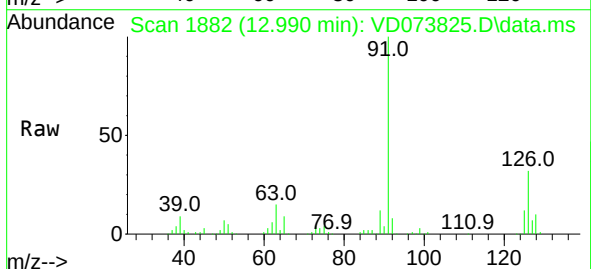
Tgt Ion: 75 Resp: 2001
Ion Ratio Lower Upper
75 100
53 99.1 79.3 118.9
89 43.5 34.8 52.2

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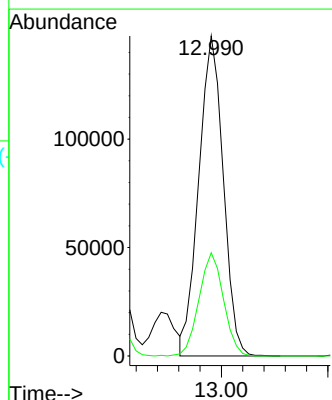
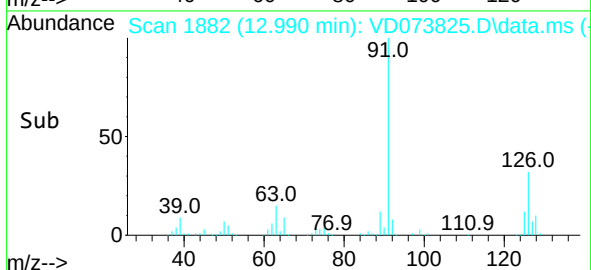
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

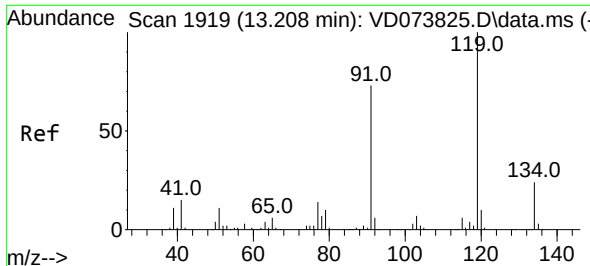


#82
4-Chlorotoluene
Concen: 44.534 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



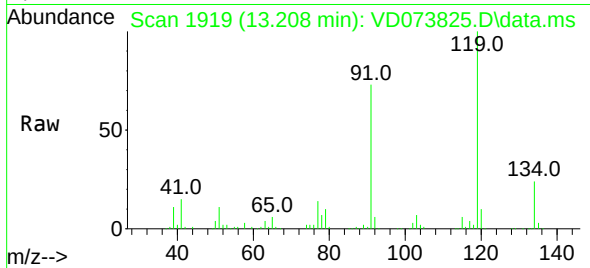
Tgt Ion: 91 Resp: 235299
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5





#83
tert-Butylbenzene
Concen: 45.177 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

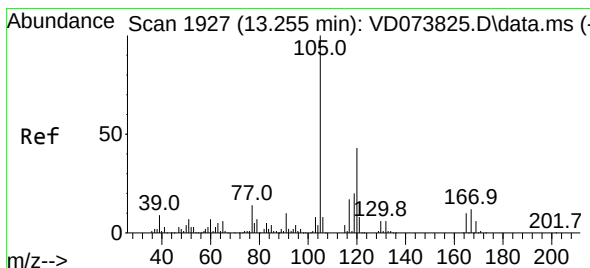
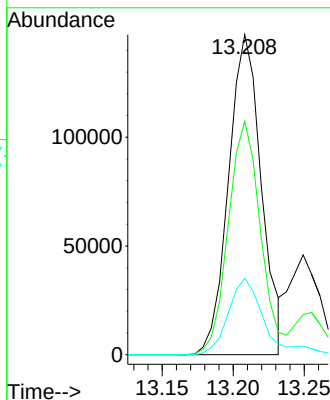
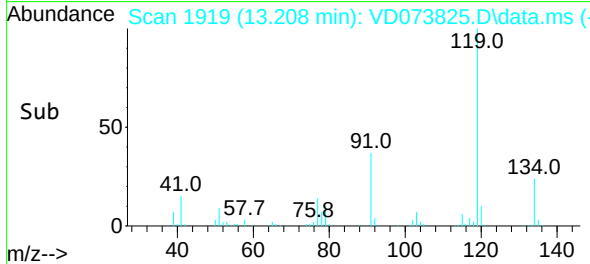
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



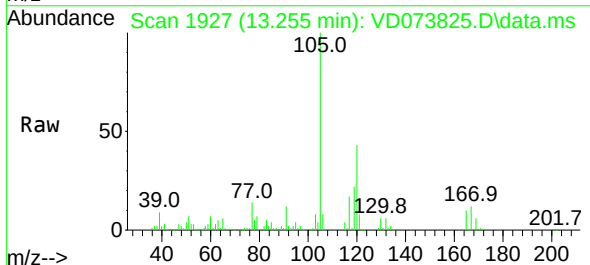
Tgt Ion:119 Resp: 236210
Ion Ratio Lower Upper
119 100
91 72.0 36.0 108.0
134 26.1 13.1 39.1

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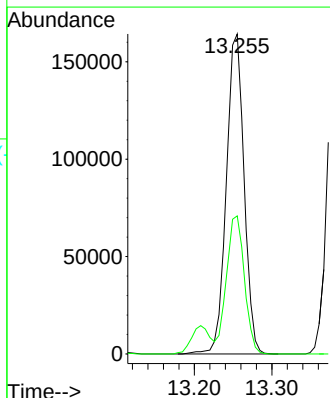
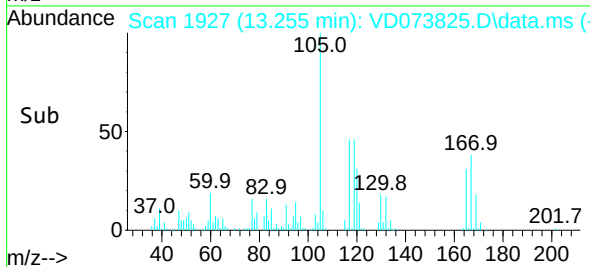
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

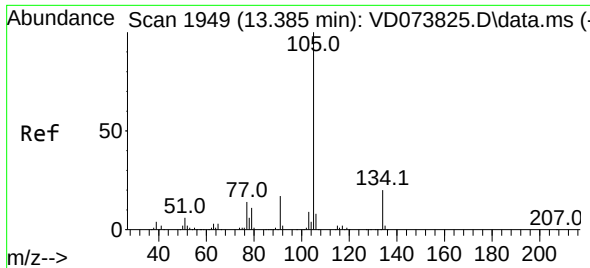


#84
1,2,4-Trimethylbenzene
Concen: 44.623 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



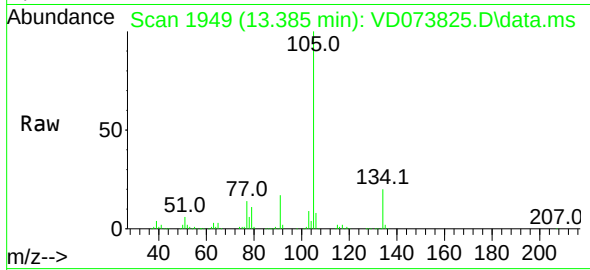
Tgt Ion:105 Resp: 261617
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 44.733 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073825.D
 Acq: 11 Jul 2022 16:12

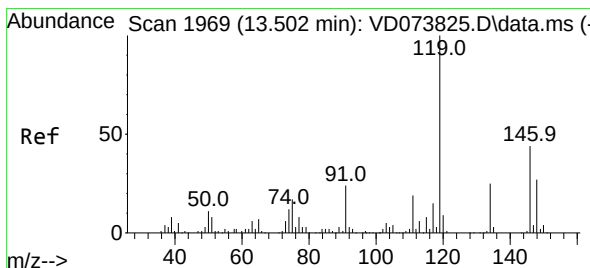
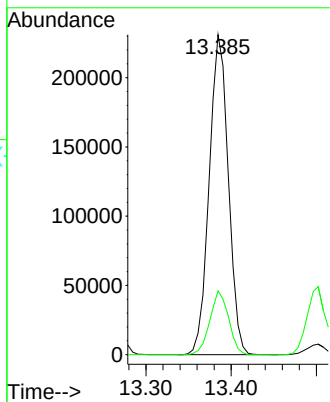
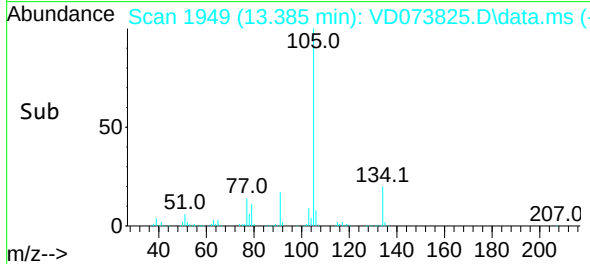
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



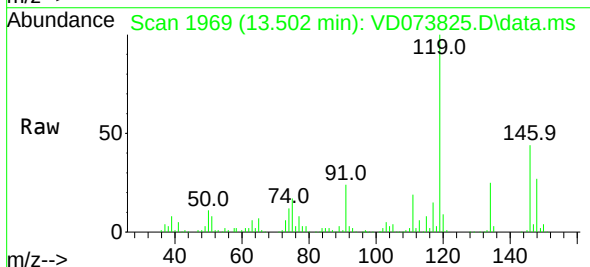
Tgt Ion:105 Resp: 360189
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

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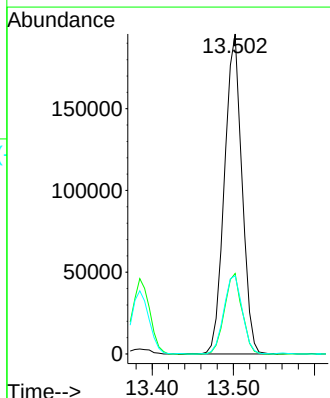
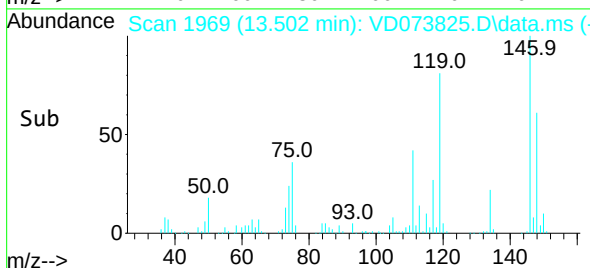
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

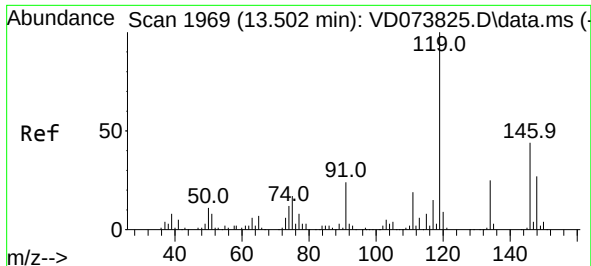


#86
 p-Isopropyltoluene
 Concen: 45.538 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073825.D
 Acq: 11 Jul 2022 16:12



Tgt Ion:119 Resp: 292869
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 45.220 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

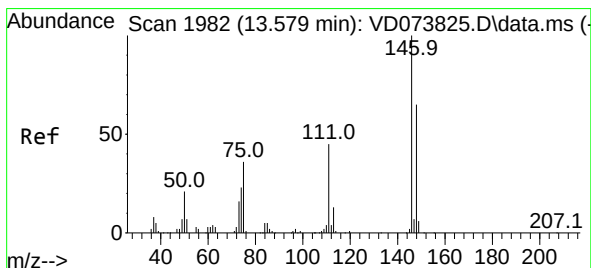
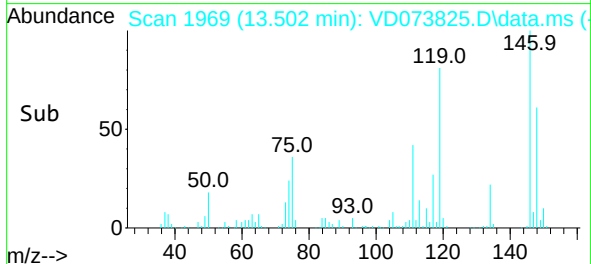
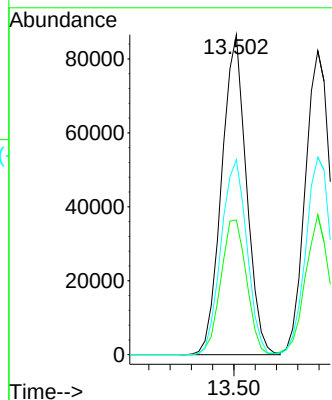
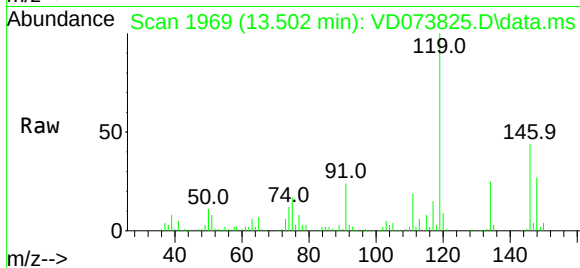
Tgt Ion:146 Resp: 139914
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 63.2 31.6 94.8

Manual Integrations

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Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#88

1,4-Dichlorobenzene

Concen: 43.504 ug/l

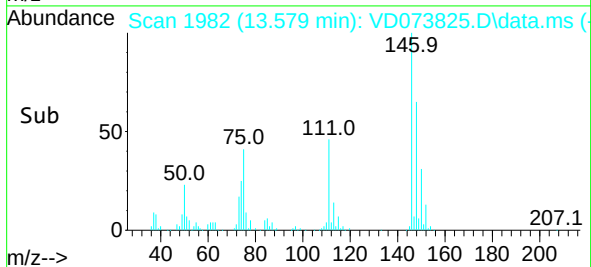
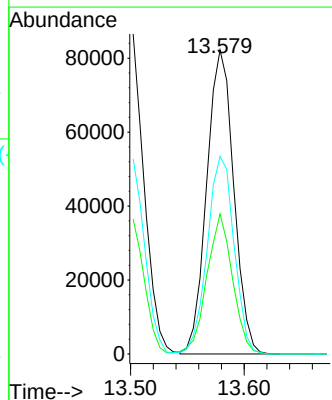
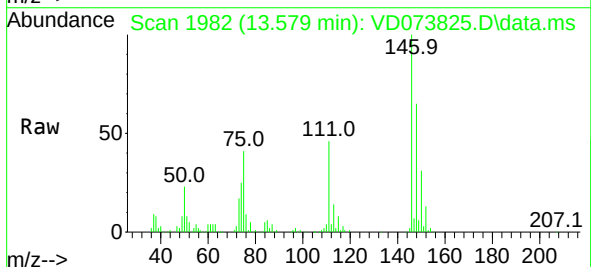
RT: 13.579 min Scan# 1982

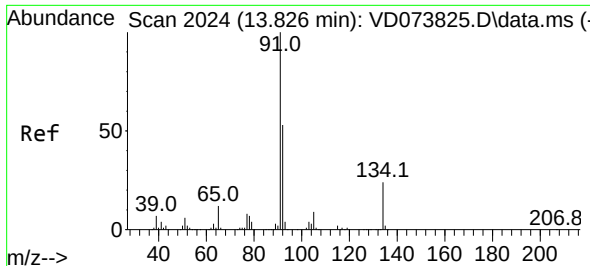
Delta R.T. 0.000 min

Lab File: VD073825.D

Acq: 11 Jul 2022 16:12

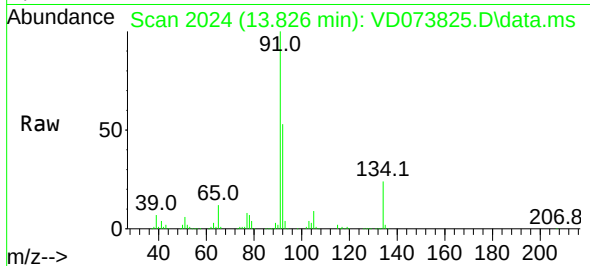
Tgt Ion:146 Resp: 135839
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.7
 148 64.7 32.4 97.0





#89
n-Butylbenzene
Concen: 45.600 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

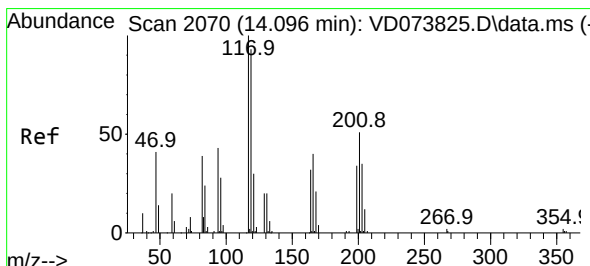
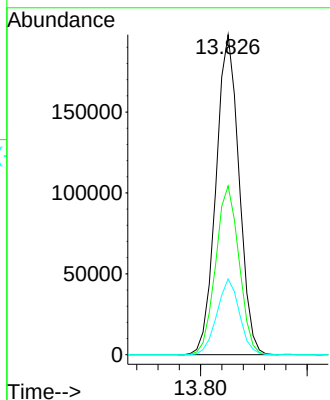
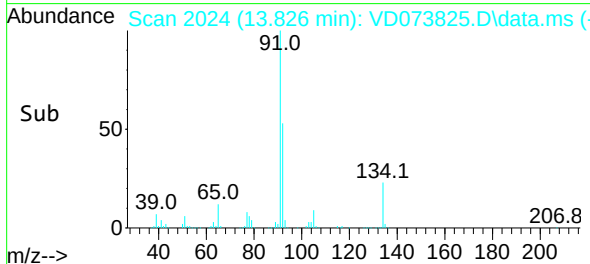
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 296559
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 23.1 11.6 34.7

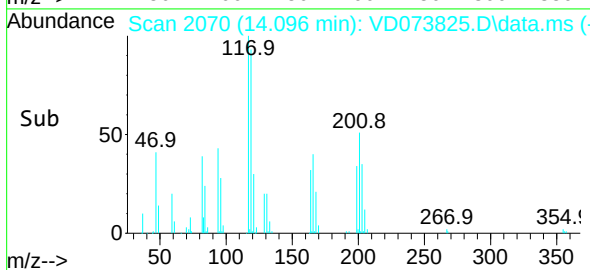
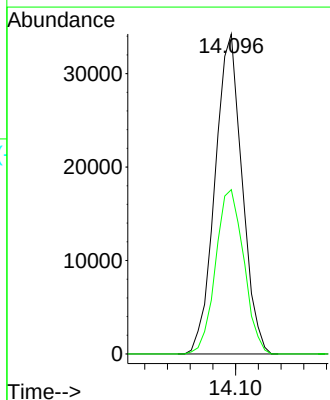
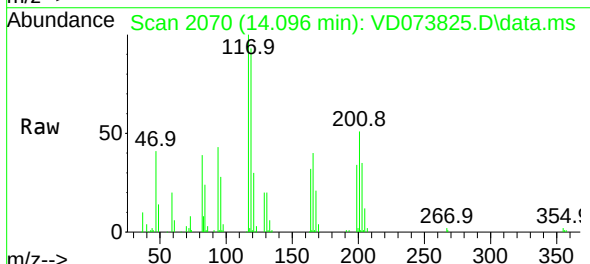
Manual Integrations
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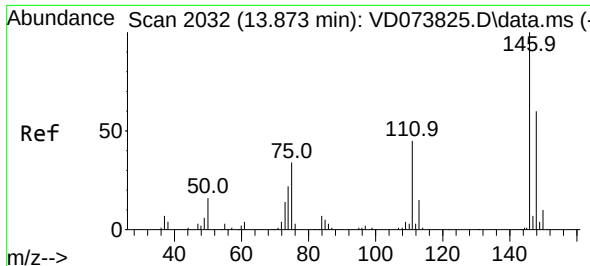
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#90
Hexachloroethane
Concen: 44.177 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

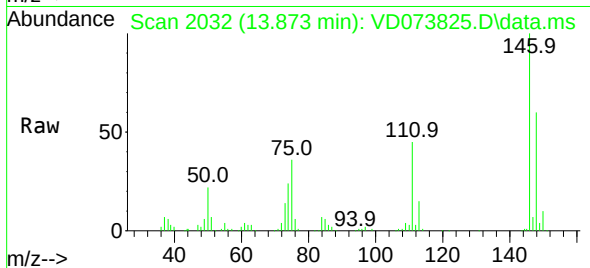
Tgt Ion:117 Resp: 56689
Ion Ratio Lower Upper
117 100
201 53.3 26.7 80.0





#91
1,2-Dichlorobenzene
Concen: 46.207 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

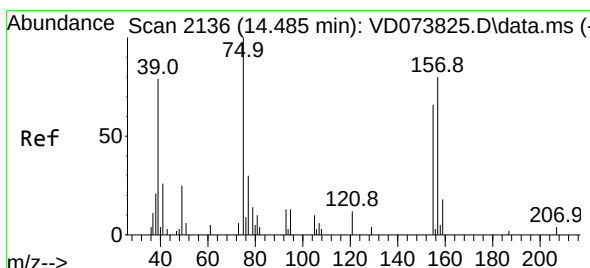
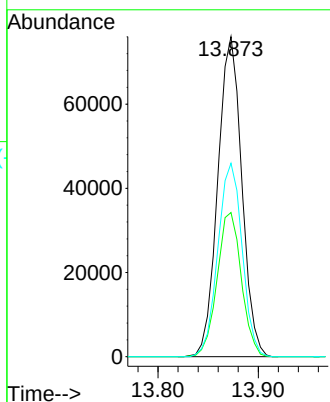
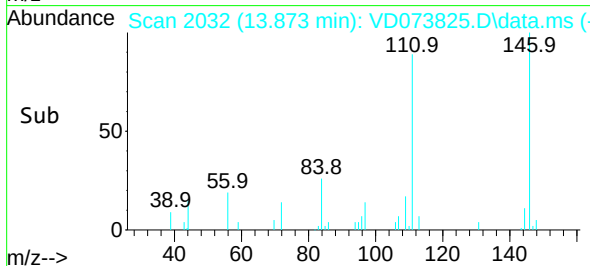
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



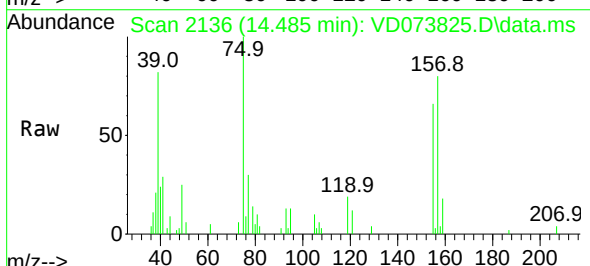
Tgt Ion:146 Resp: 126259
Ion Ratio Lower Upper
146 100
111 45.6 22.8 68.4
148 61.1 30.6 91.6

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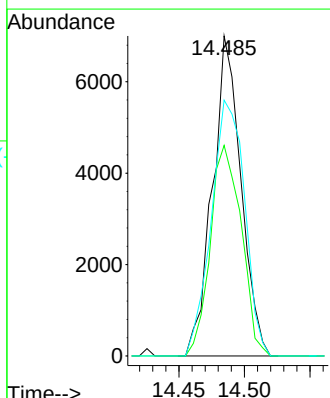
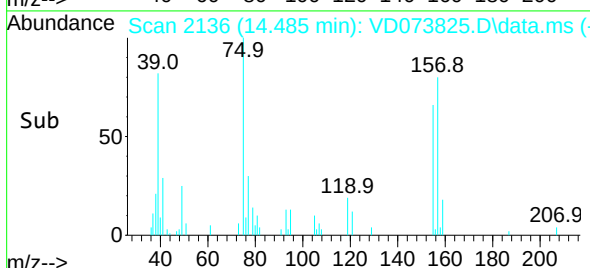
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

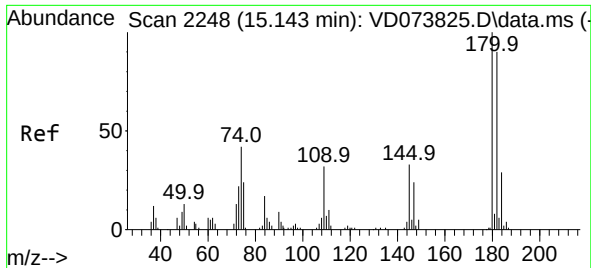


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.927 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



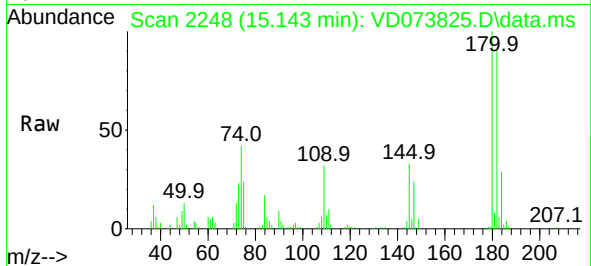
Tgt Ion: 75 Resp: 10586
Ion Ratio Lower Upper
75 100
155 71.4 35.7 107.1
157 93.4 46.7 140.1





#93
1,2,4-Trichlorobenzene
Concen: 45.867 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

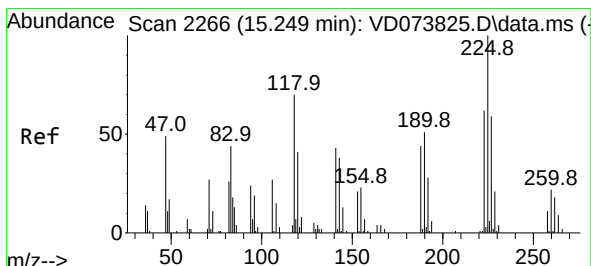
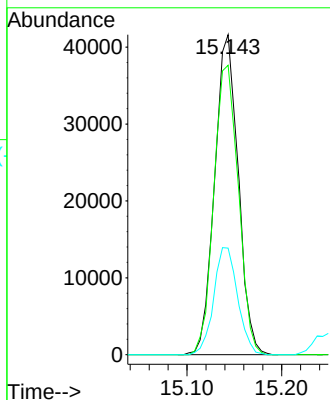
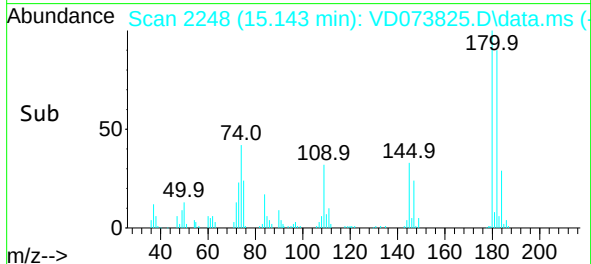
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



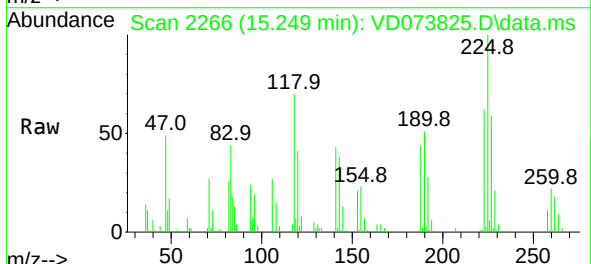
Tgt Ion:180 Resp: 72060
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.8
145 34.0 17.0 51.0

Manual Integrations
APPROVED

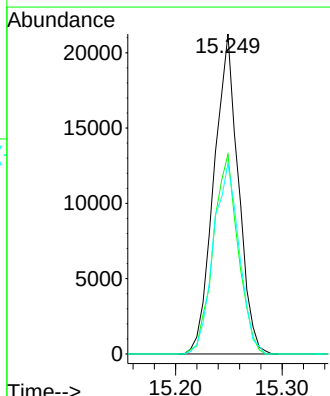
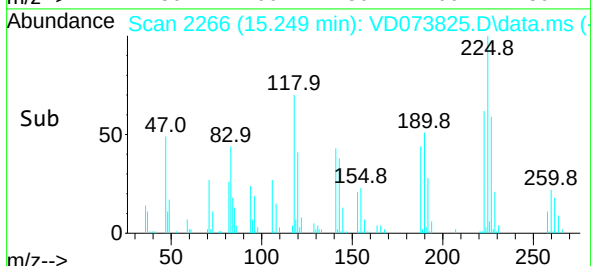
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

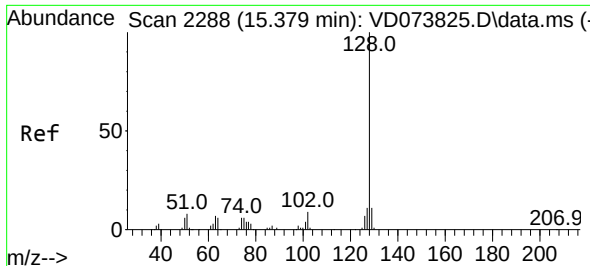


#94
Hexachlorobutadiene
Concen: 44.721 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12



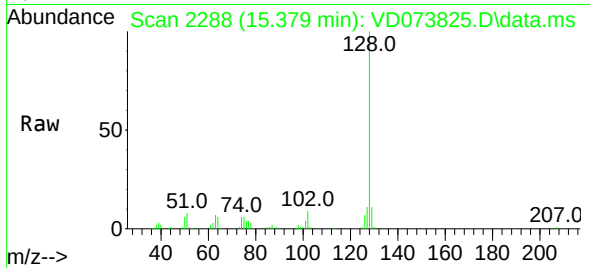
Tgt Ion:225 Resp: 33909
Ion Ratio Lower Upper
225 100
223 63.5 31.8 95.3
227 62.8 31.4 94.2





#95
Naphthalene
Concen: 44.689 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

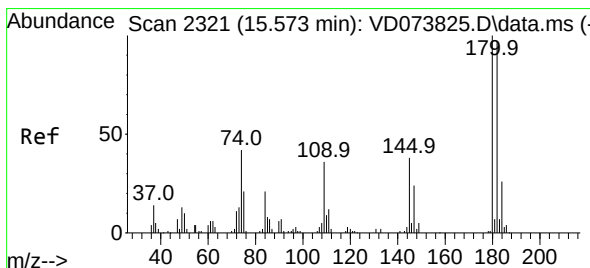
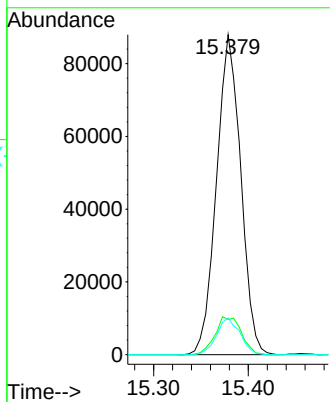
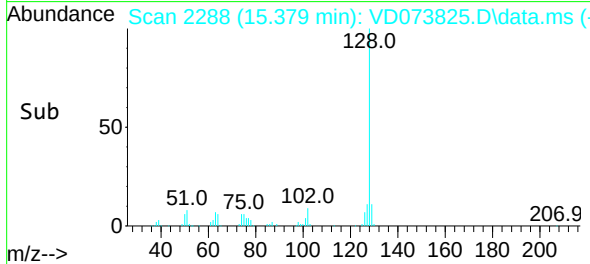
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 156570
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 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: 45.478 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073825.D
Acq: 11 Jul 2022 16:12

Tgt Ion:180 Resp: 62785
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 37.9 18.9 56.9

