

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073824.D
 Acq On : 11 Jul 2022 12:38
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 06:38:50 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	7.967	168	116909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	222294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	207033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	34360	23.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.980%#		
35) Dibromofluoromethane	7.908	113	29731	21.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.480%#		
50) Toluene-d8	10.331	98	118913	25.276	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	50.560%#		
62) 4-Bromofluorobenzene	12.620	95	40910	20.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	41.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	14946	19.049	ug/l	88
3) Chloromethane	2.208	50	19660	19.391	ug/l	99
4) Vinyl Chloride	2.344	62	25833	20.838	ug/l	93
5) Bromomethane	2.744	94	17001	17.494	ug/l	92
6) Chloroethane	2.908	64	19233	20.352	ug/l	90
7) Trichlorofluoromethane	3.261	101	37589	19.619	ug/l	94
8) Diethyl Ether	3.702	74	10188	17.523	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	22262	18.688	ug/l	99
10) Methyl Iodide	4.296	142	14884	19.294	ug/l	99
11) Tert butyl alcohol	5.179	59	40133	82.824	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	17443	18.694	ug/l	93
13) Acrolein	3.920	56	5043	71.221	ug/l #	59
14) Allyl chloride	4.708	41	33497	18.982	ug/l	96
15) Acrylonitrile	5.414	53	30386	91.350	ug/l	98
16) Acetone	4.155	43	27199	87.868	ug/l	96
17) Carbon Disulfide	4.402	76	31067	20.591	ug/l	98
18) Methyl Acetate	4.708	43	17065	17.195	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	60605	17.432	ug/l	99
20) Methylene Chloride	4.961	84	32455	12.245	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	20396	18.256	ug/l #	80
22) Diisopropyl ether	6.361	45	84156	18.307	ug/l	94
23) Vinyl Acetate	6.296	43	214043m	88.187	ug/l	
24) 1,1-Dichloroethane	6.255	63	47424	18.532	ug/l	98
25) 2-Butanone	7.202	43	39904	86.337	ug/l	94
26) 2,2-Dichloropropane	7.202	77	43442	17.955	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	27031	17.314	ug/l	100
28) Bromochloromethane	7.537	49	17207	17.238	ug/l	94
29) Tetrahydrofuran	7.561	42	24793	91.354	ug/l	99
30) Chloroform	7.702	83	52773	18.499	ug/l	97
31) Cyclohexane	7.979	56	33699	18.495	ug/l #	90
32) 1,1,1-Trichloroethane	7.896	97	44864	18.565	ug/l	99
36) 1,1-Dichloropropene	8.102	75	32958	19.226	ug/l	96
37) Ethyl Acetate	7.290	43	18461	18.317	ug/l #	91
38) Carbon Tetrachloride	8.085	117	36785	18.878	ug/l #	95
39) Methylcyclohexane	9.343	83	34844	19.773	ug/l	88
40) Benzene	8.337	78	94361	18.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11285	19.212	ug/l	90
42) 1,2-Dichloroethane	8.414	62	33454	19.265	ug/l	98
43) Isopropyl Acetate	8.449	43	35585	17.443	ug/l	99
44) Trichloroethene	9.108	130	24808	18.493	ug/l	85
45) 1,2-Dichloropropane	9.379	63	27445	18.954	ug/l	97
46) Dibromomethane	9.467	93	15106	18.219	ug/l	97
47) Bromodichloromethane	9.655	83	41584	18.411	ug/l	99
48) Methyl methacrylate	9.449	41	15590	16.750	ug/l	93
49) 1,4-Dioxane	9.455	88	3576	347.633	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	96471	90.591	ug/l	98
52) Toluene	10.396	92	63750	19.056	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	37221	17.915	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	43784	19.003	ug/l	96
55) 1,1,2-Trichloroethane	10.790	97	22429	19.329	ug/l	95
56) Ethyl methacrylate	10.649	69	26422	17.839	ug/l	97
57) 1,3-Dichloropropane	10.931	76	37539	18.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.931	63	51367	88.178	ug/l	99
59) 2-Hexanone	10.973	43	66025	92.339	ug/l	99
60) Dibromochloromethane	11.131	129	26650	18.533	ug/l	100
61) 1,2-Dibromoethane	11.237	107	20091	18.732	ug/l	99
64) Tetrachloroethene	10.873	164	18959	18.476	ug/l	94
65) Chlorobenzene	11.661	112	70754	18.205	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	27164	18.086	ug/l	97
67) Ethyl Benzene	11.731	91	133801	18.891	ug/l	97
68) m/p-Xylenes	11.843	106	95903	35.897	ug/l	98
69) o-Xylene	12.167	106	47861	18.593	ug/l	98
70) Styrene	12.178	104	81359	18.055	ug/l	100
71) Bromoform	12.349	173	14555	19.030	ug/l #	99
73) Isopropylbenzene	12.467	105	130748	18.795	ug/l	99
74) N-amyl acetate	12.278	43	34603	17.727	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	27268	18.957	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	21586m	20.993	ug/l	
77) Bromobenzene	12.749	156	27147	18.681	ug/l	99
78) n-propylbenzene	12.808	91	166290	18.956	ug/l	98
79) 2-Chlorotoluene	12.896	91	91221	18.404	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	108950	18.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	7445	17.021	ug/l	87
82) 4-Chlorotoluene	12.990	91	99599	19.128	ug/l	99
83) tert-Butylbenzene	13.208	119	94340	18.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	110259	19.083	ug/l	100
85) sec-Butylbenzene	13.384	105	148607	18.728	ug/l	99
86) p-Isopropyltoluene	13.502	119	120472	19.008	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	58259	19.106	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	57692	18.748	ug/l	98
89) n-Butylbenzene	13.825	91	121535	18.962	ug/l	99
90) Hexachloroethane	14.096	117	22925	18.128	ug/l	96
91) 1,2-Dichlorobenzene	13.872	146	50230	18.653	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4380	18.442	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	28150	18.181	ug/l	99
94) Hexachlorobutadiene	15.249	225	14569	19.497	ug/l	94
95) Naphthalene	15.378	128	59818	17.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	24698	18.153	ug/l	99

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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

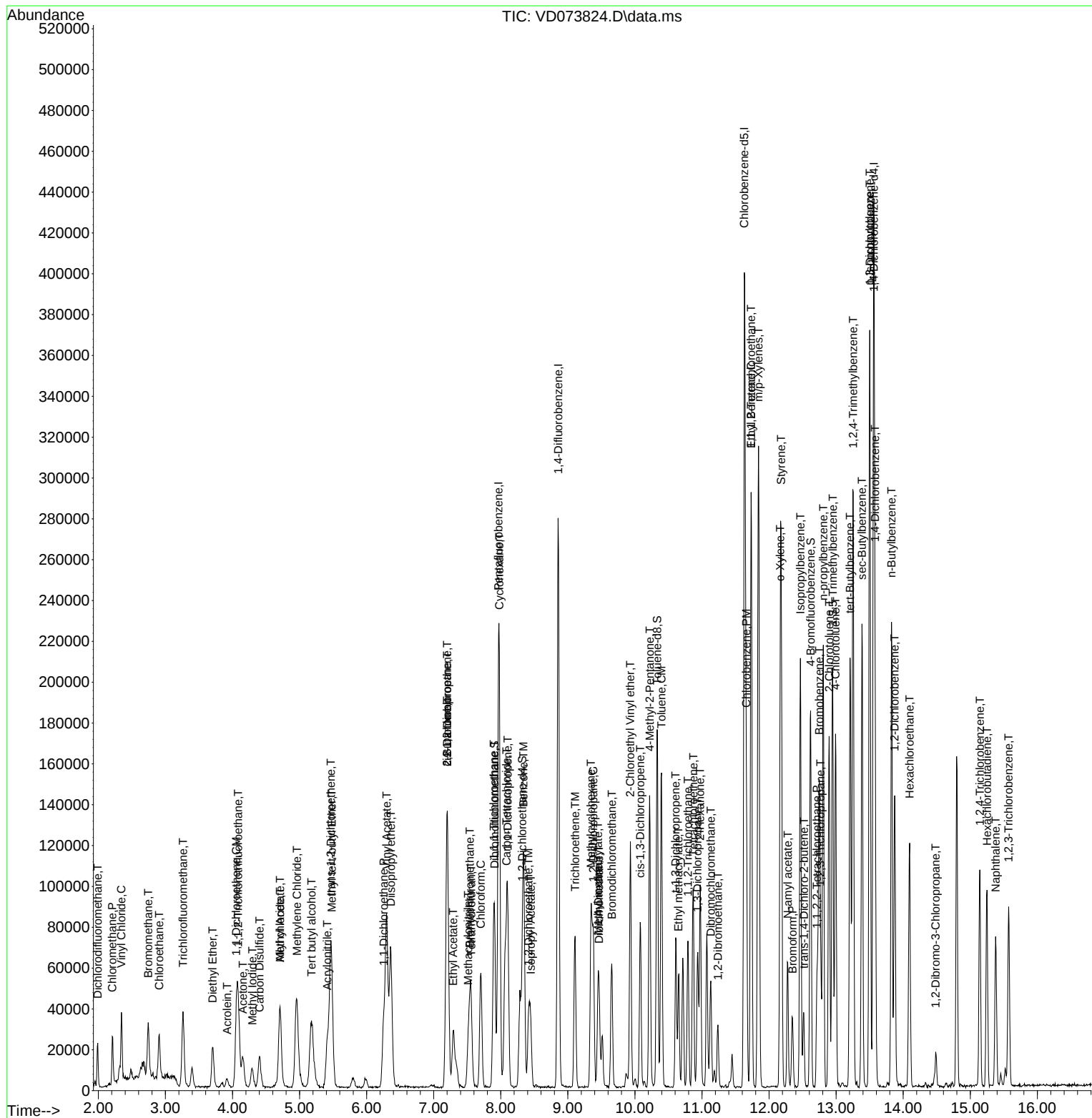
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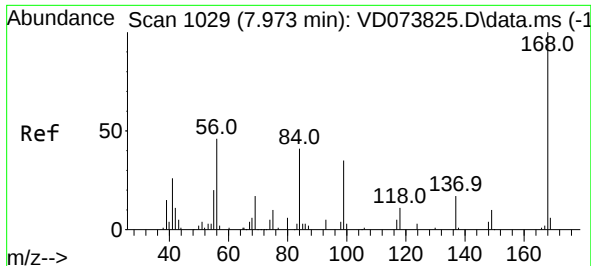
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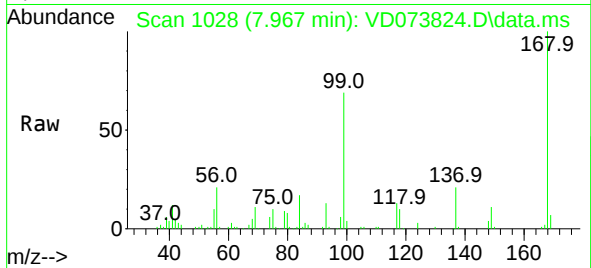
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073824.D
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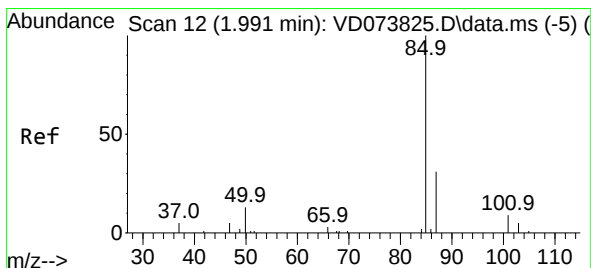
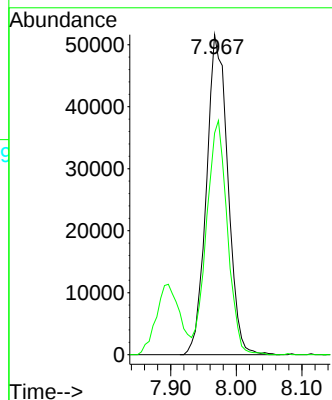
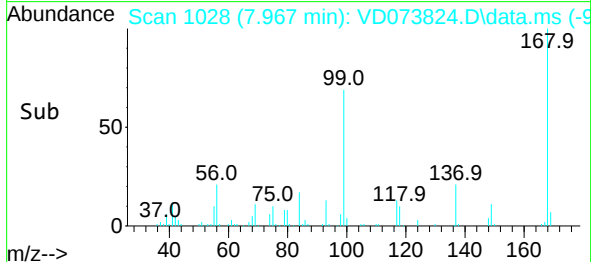
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 116909
Ion Ratio Lower Upper
168 100
99 69.3 53.8 80.6

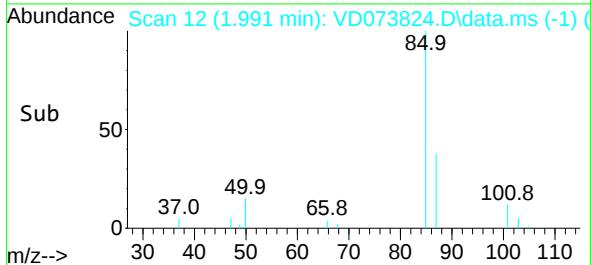
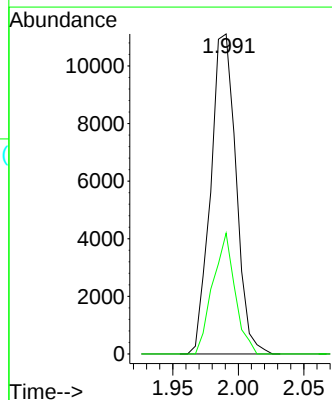
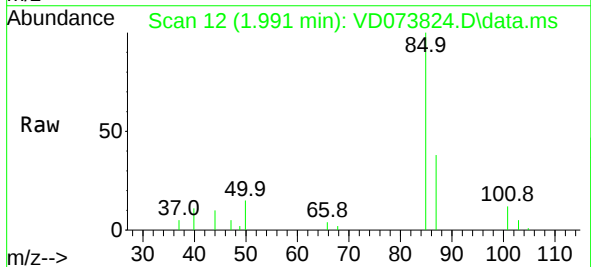
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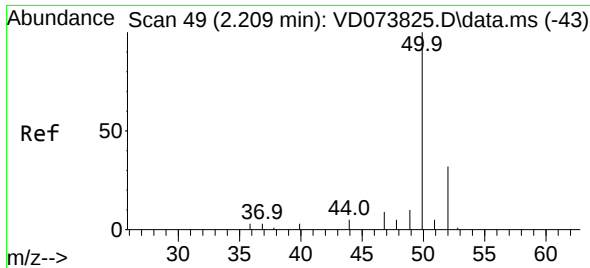
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#2
Dichlorodifluoromethane
Concen: 19.049 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 85 Resp: 14946
Ion Ratio Lower Upper
85 100
87 37.7 15.6 46.7





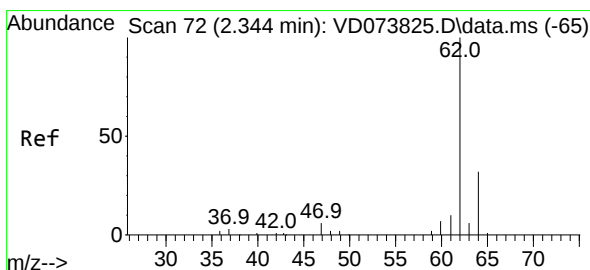
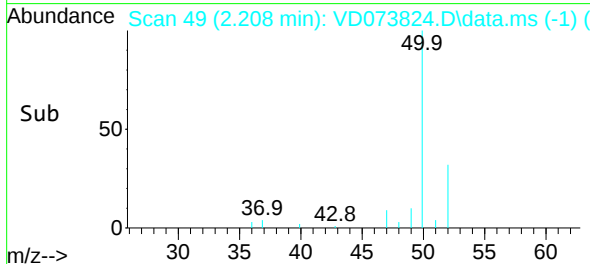
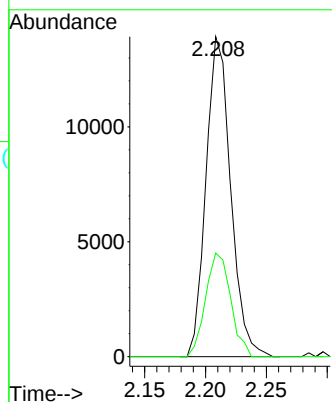
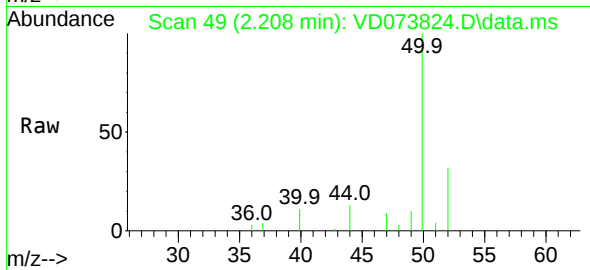
#3
Chloromethane
Concen: 19.391 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 50 Resp: 19660
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

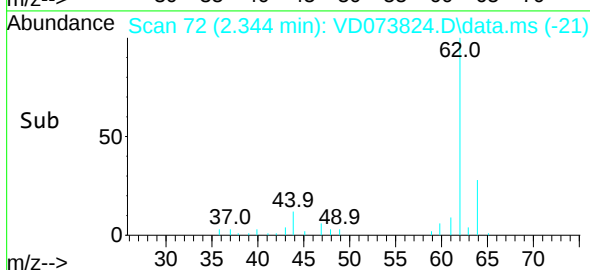
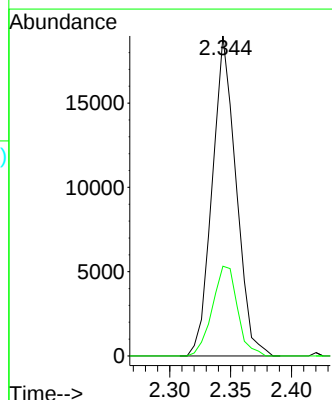
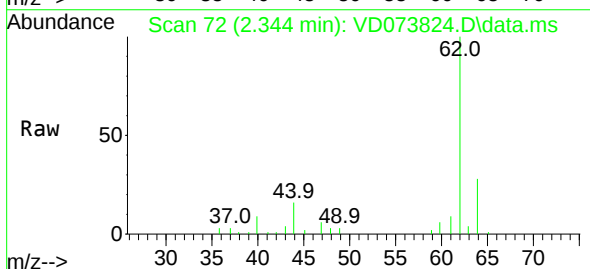
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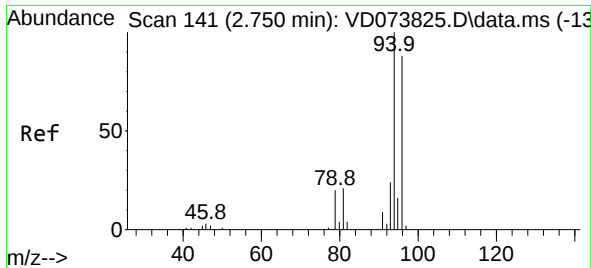
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#4
Vinyl Chloride
Concen: 20.838 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

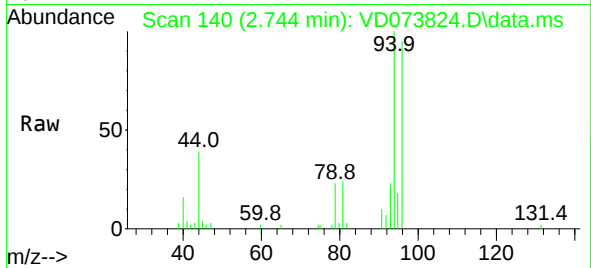
Tgt Ion: 62 Resp: 25833
Ion Ratio Lower Upper
62 100
64 28.0 25.4 38.0





#5
Bromomethane
Concen: 17.494 ug/l
RT: 2.744 min Scan# 141
Delta R.T. -0.006 min
Lab File: VD073824.D
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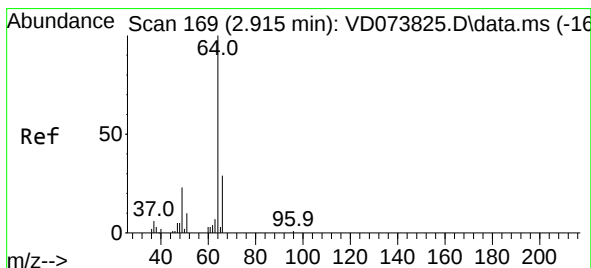
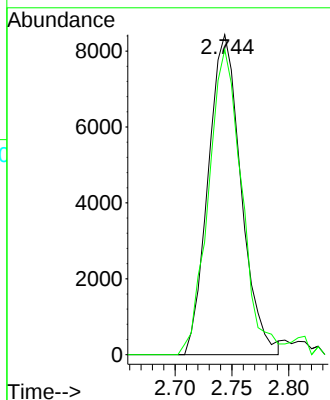
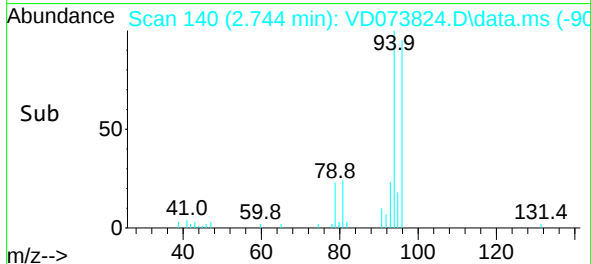
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Tgt Ion: 94 Resp: 1700
Ion Ratio Lower Upper
94 100
96 95.3 70.3 105.5

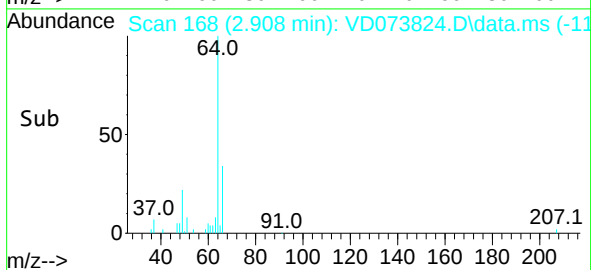
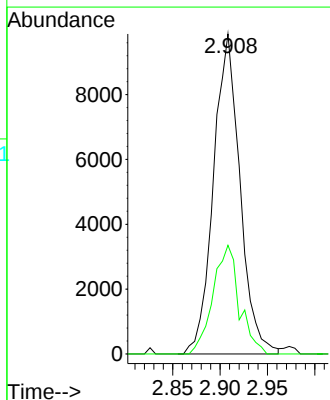
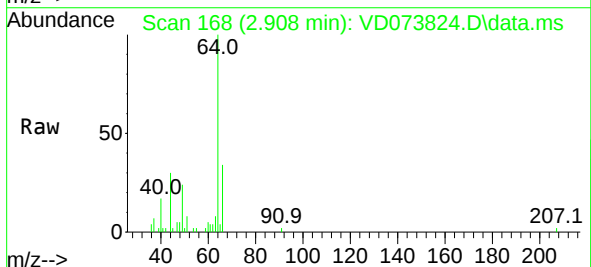
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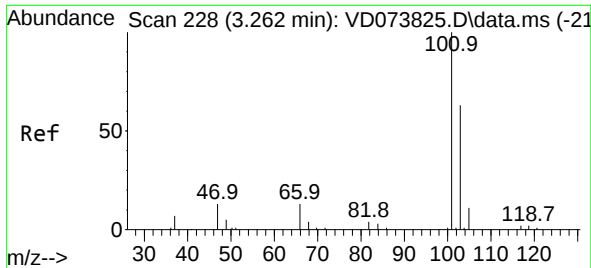
Reviewed By :John Carlone 07/12/2022
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#6
Chloroethane
Concen: 20.352 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

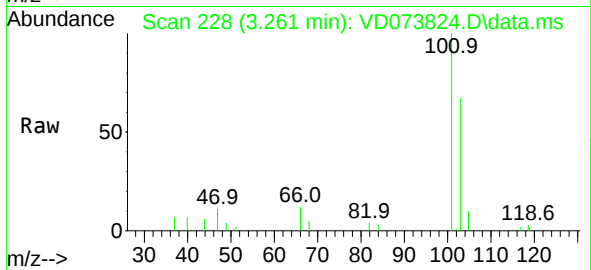
Tgt Ion: 64 Resp: 19233
Ion Ratio Lower Upper
64 100
66 33.9 23.0 34.6





#7
 Trichlorofluoromethane
 Concen: 19.619 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

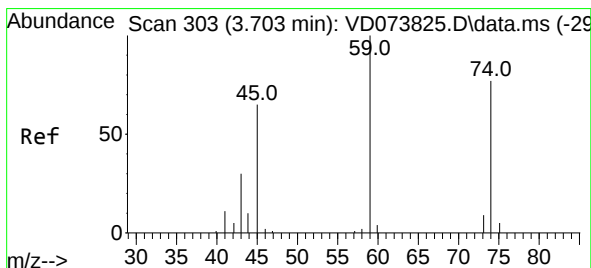
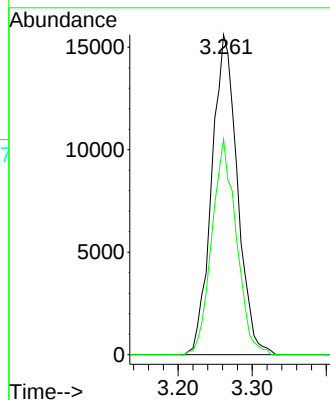
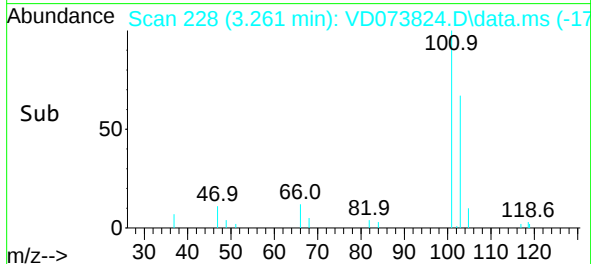
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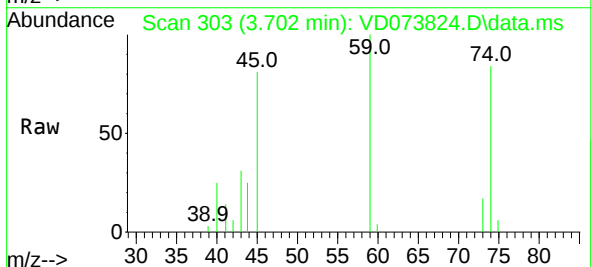
Tgt Ion:101 Resp: 37589
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.3 75.5

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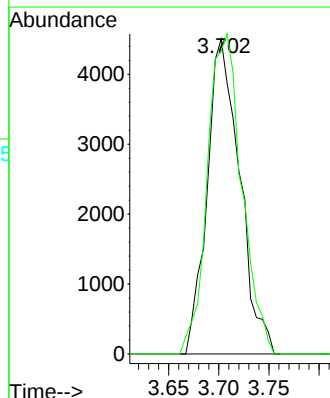
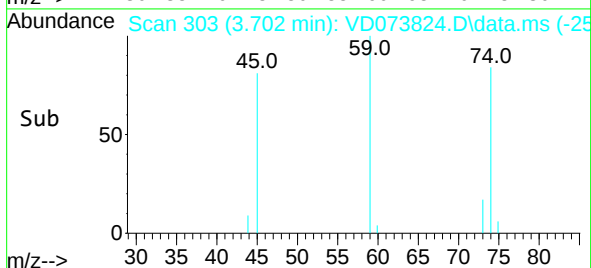
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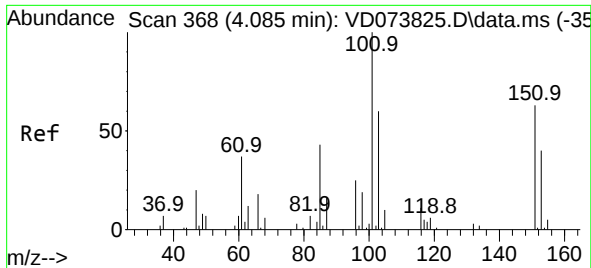


#8
 Diethyl Ether
 Concen: 17.523 ug/l
 RT: 3.702 min Scan# 303
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38



Tgt Ion: 74 Resp: 10188
 Ion Ratio Lower Upper
 74 100
 45 107.0 48.9 146.7





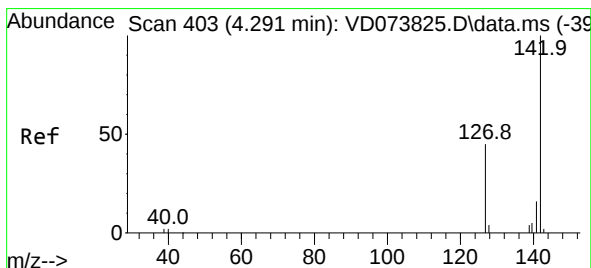
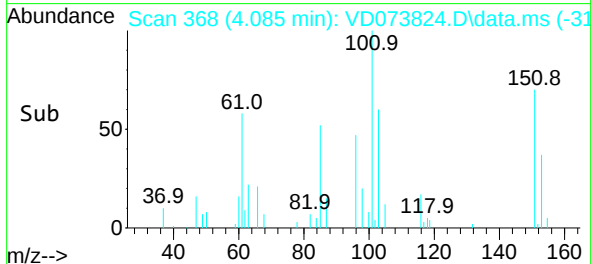
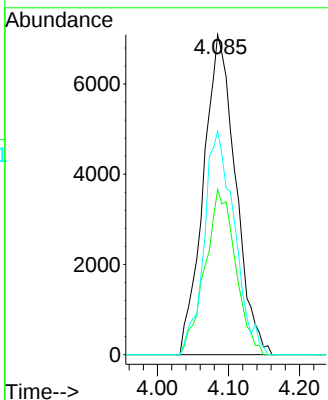
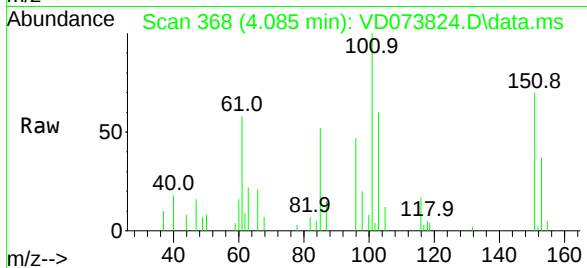
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.688 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2226
Ion Ratio Lower Upper
101 100
85 48.8 38.6 57.8
151 66.0 53.6 80.4

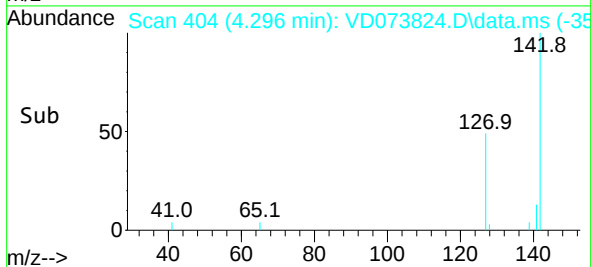
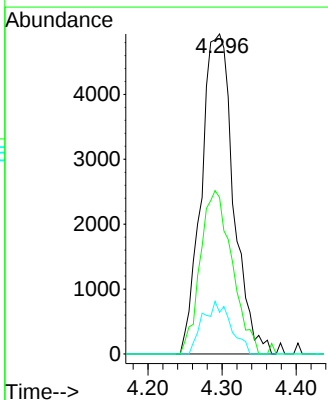
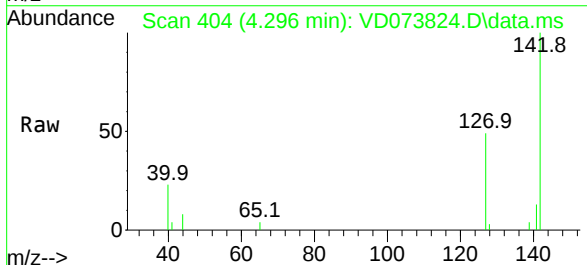
Manual Integrations
APPROVED

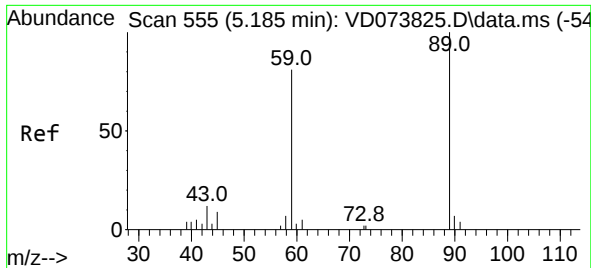
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#10
Methyl Iodide
Concen: 19.294 ug/l
RT: 4.296 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

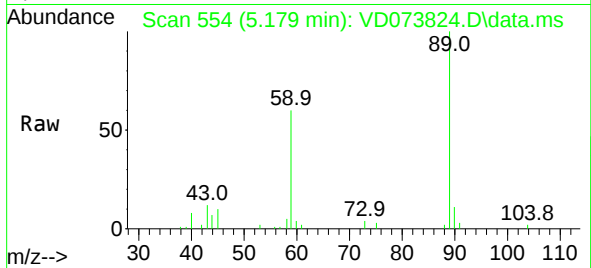
Tgt Ion:142 Resp: 14884
Ion Ratio Lower Upper
142 100
127 50.3 39.8 59.6
141 14.3 11.9 17.9





#11
Tert butyl alcohol
Concen: 82.824 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

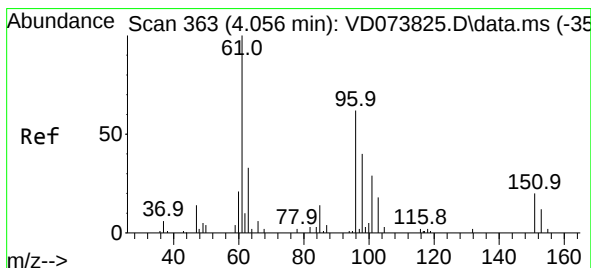
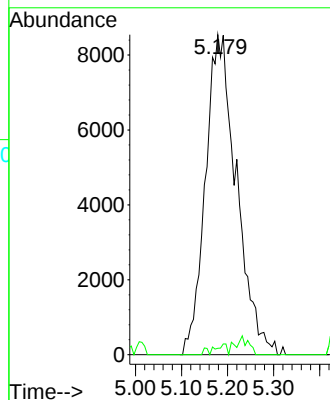
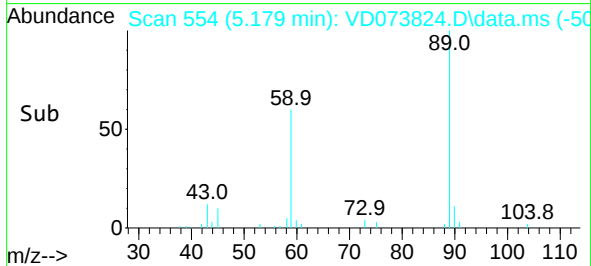
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



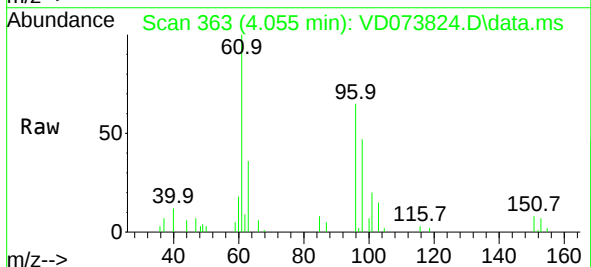
Tgt Ion: 59 Resp: 4013
Ion Ratio Lower Upper
59 100
57 1.1 0.0 0.0

Manual Integrations
APPROVED

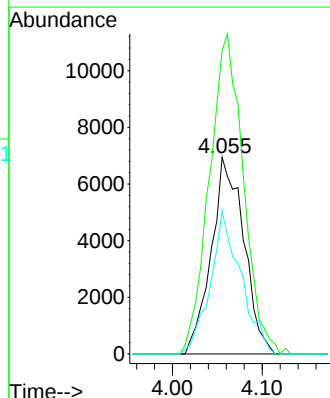
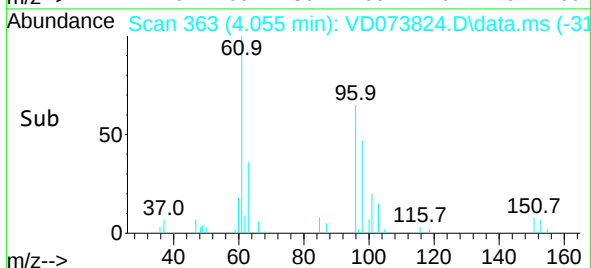
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

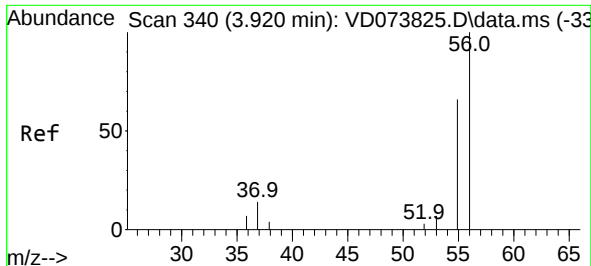


#12
1,1-Dichloroethene
Concen: 18.694 ug/l
RT: 4.055 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



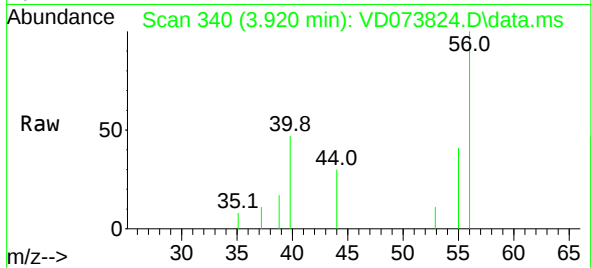
Tgt Ion: 96 Resp: 17443
Ion Ratio Lower Upper
96 100
61 154.4 130.1 195.1
98 72.5 52.1 78.1





#13
Acrolein
Concen: 71.221 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

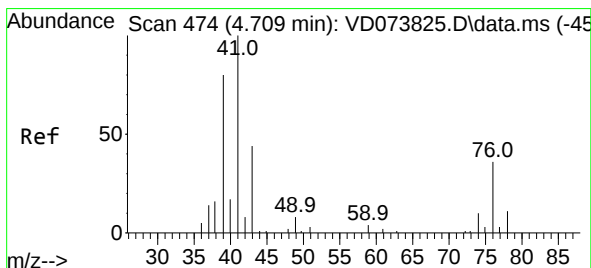
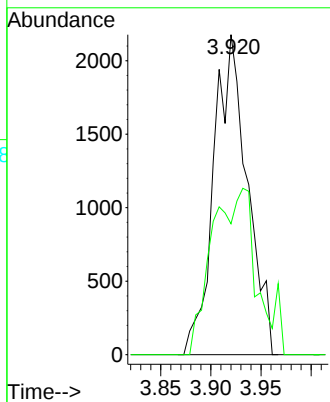
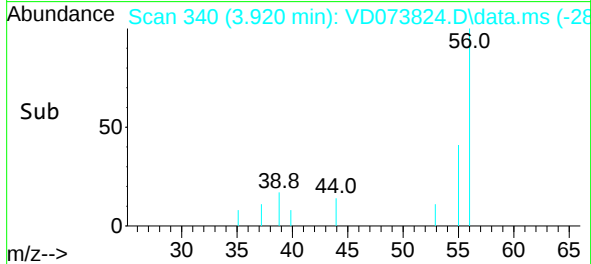
Instrument : MSVOA_D
ClientSampleId : VSTDIC020



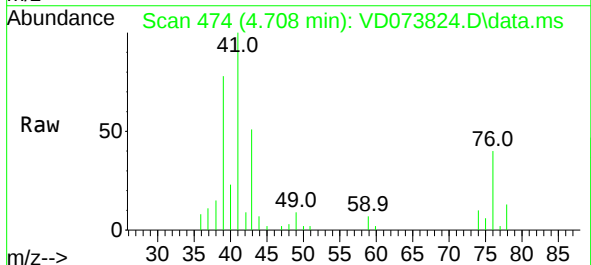
Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 34.9 54.7 82.1

Manual Integrations
APPROVED

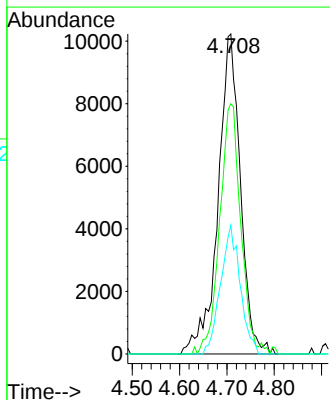
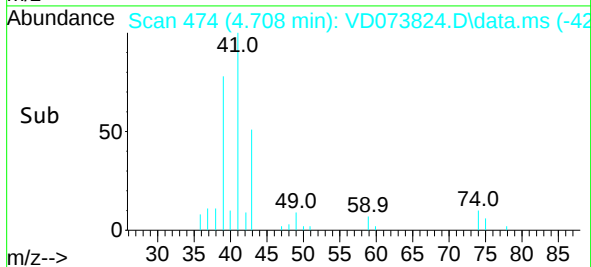
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

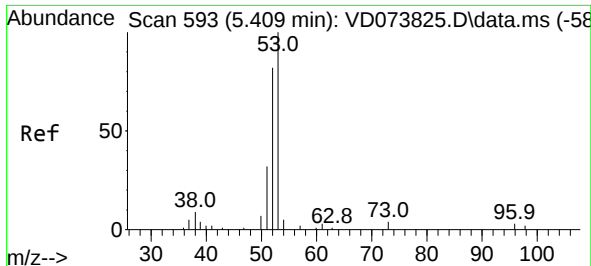


#14
Allyl chloride
Concen: 18.982 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



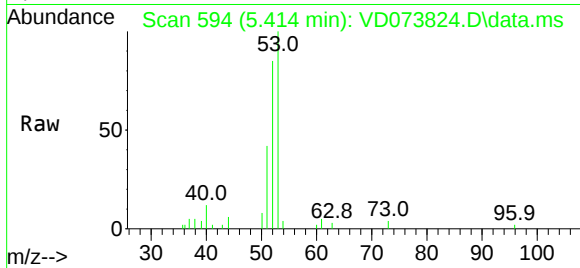
Tgt Ion: 41 Resp: 33497
Ion Ratio Lower Upper
41 100
39 72.9 62.5 93.7
76 35.3 28.6 43.0





#15
Acrylonitrile
Concen: 91.350 ug/l
RT: 5.414 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

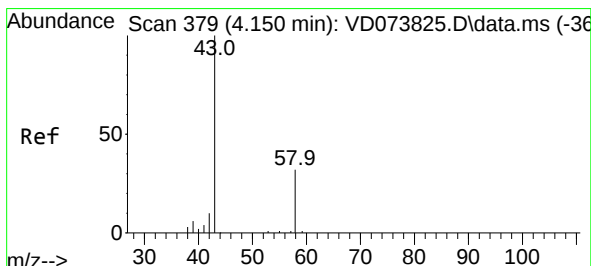
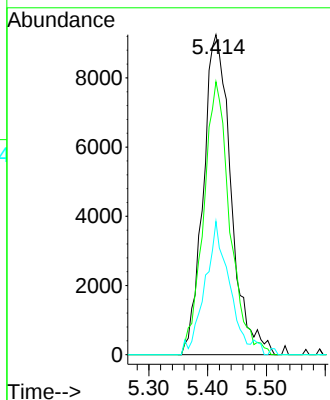
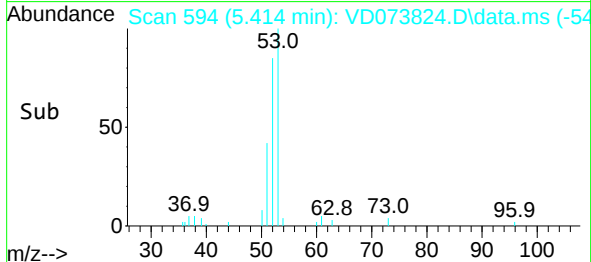
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



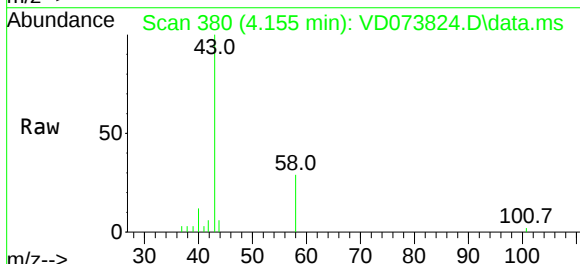
Tgt Ion: 53 Resp: 30380
Ion Ratio Lower Upper
53 100
52 80.9 66.1 99.1
51 36.2 30.6 45.8

Manual Integrations
APPROVED

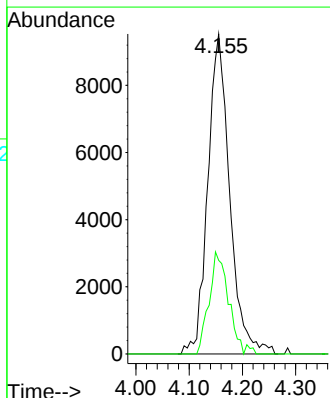
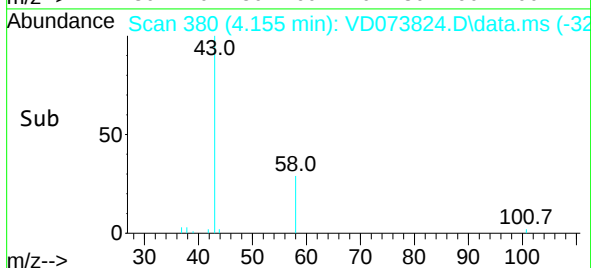
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

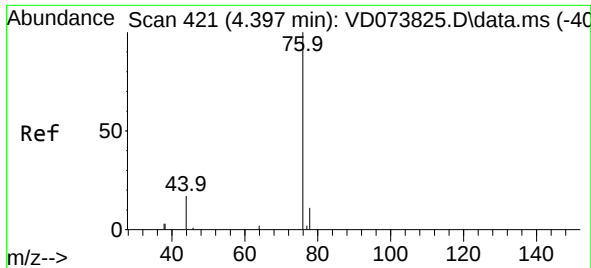


#16
Acetone
Concen: 87.868 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion: 43 Resp: 27199
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8





#17

Carbon Disulfide

Concen: 20.591 ug/l

RT: 4.402 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 3106

Ion Ratio Lower Upper

76 100

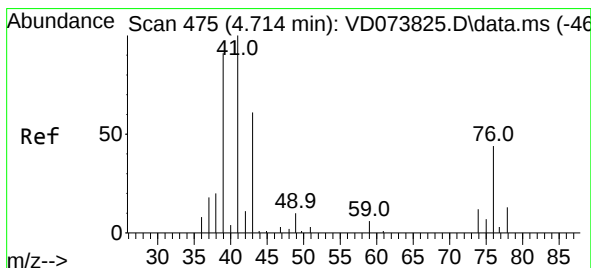
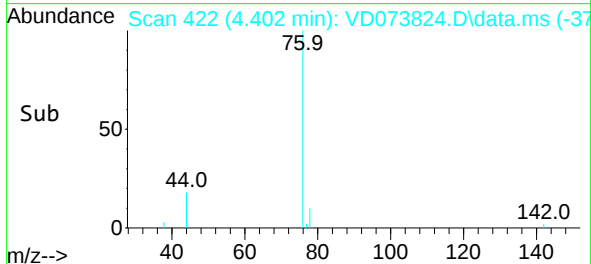
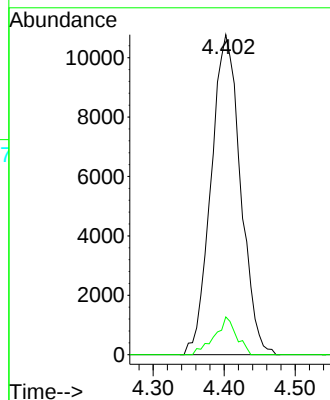
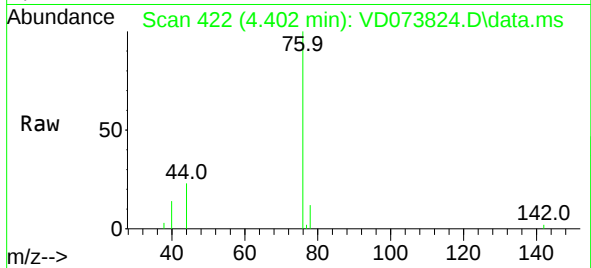
78 11.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#18

Methyl Acetate

Concen: 17.195 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073824.D

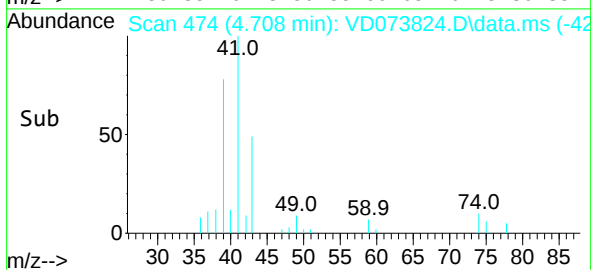
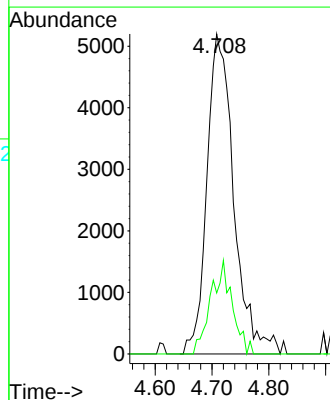
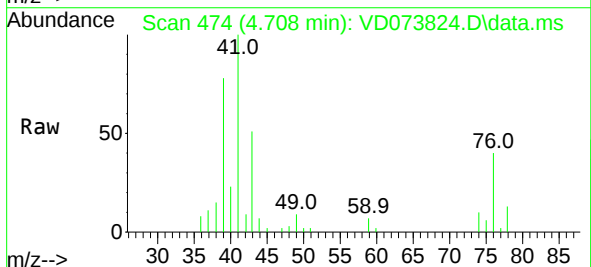
Acq: 11 Jul 2022 12:38

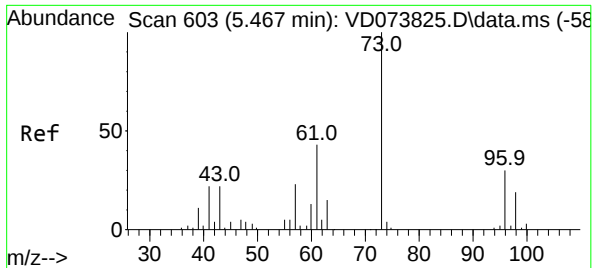
Tgt Ion: 43 Resp: 17065

Ion Ratio Lower Upper

43 100

74 23.4 17.0 25.4





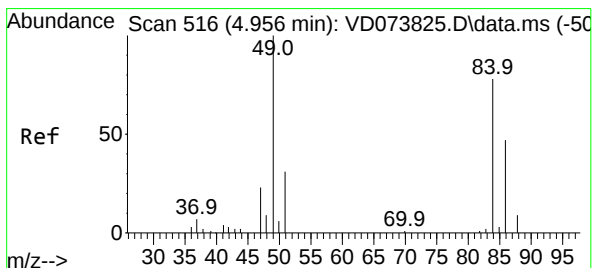
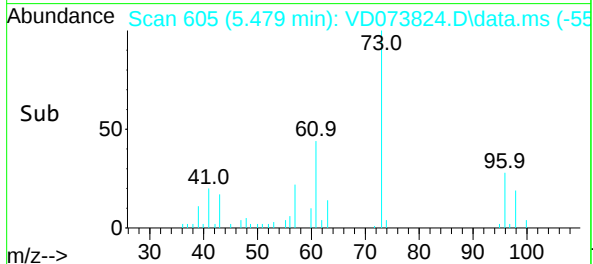
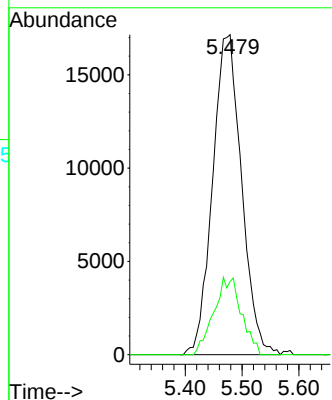
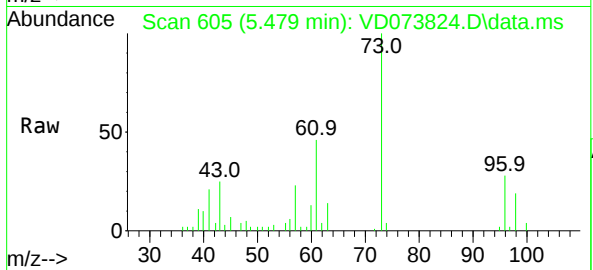
#19
Methyl tert-butyl Ether
Concen: 17.432 ug/l
RT: 5.479 min Scan# 603
Delta R.T. 0.011 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 6060
Ion Ratio Lower Upper
73 100
57 22.9 18.6 28.0

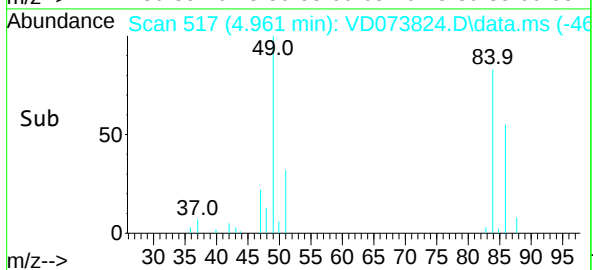
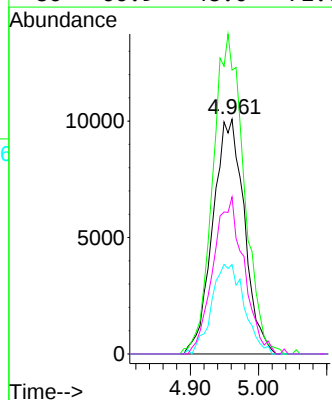
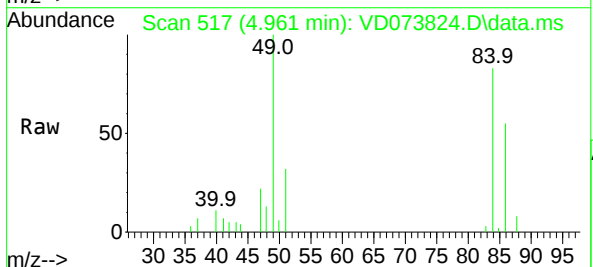
Manual Integrations
APPROVED

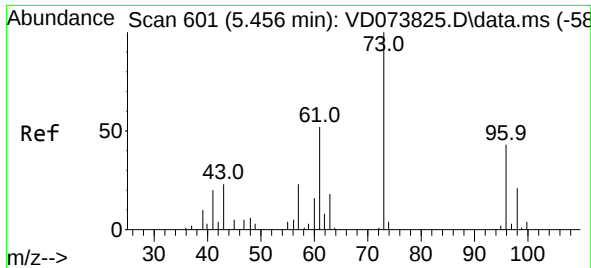
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#20
Methylene Chloride
Concen: 12.245 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

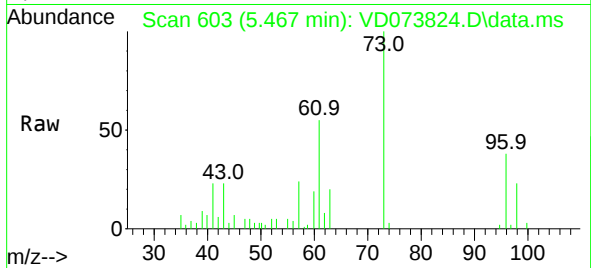
Tgt Ion: 84 Resp: 32455
Ion Ratio Lower Upper
84 100
49 120.9 102.5 153.7
51 38.1 31.4 47.0
86 66.9 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 18.256 ug/l
RT: 5.467 min Scan# 601
Delta R.T. 0.011 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

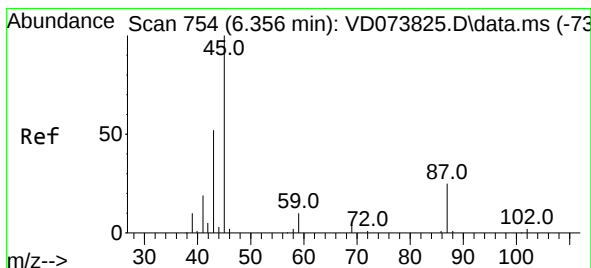
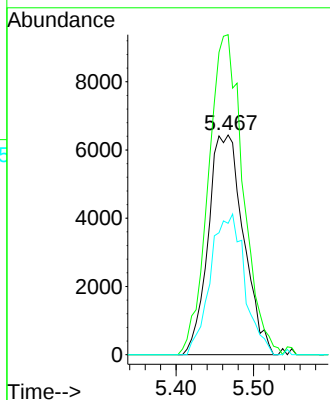
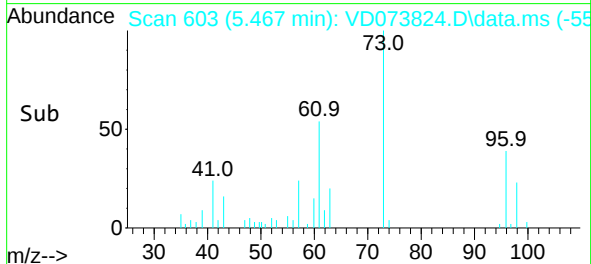
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 20390
Ion Ratio Lower Upper
96 100
61 145.7 97.0 145.6
98 59.8 39.5 59.3

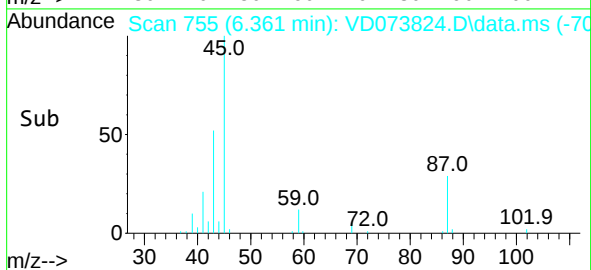
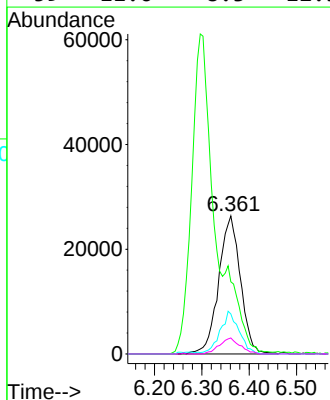
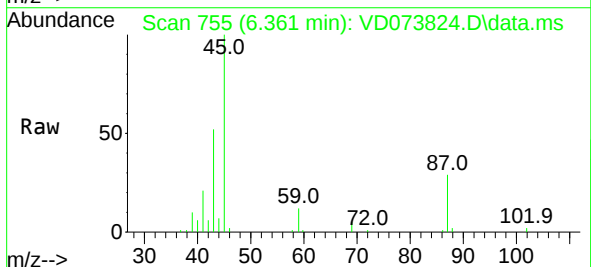
Manual Integrations
APPROVED

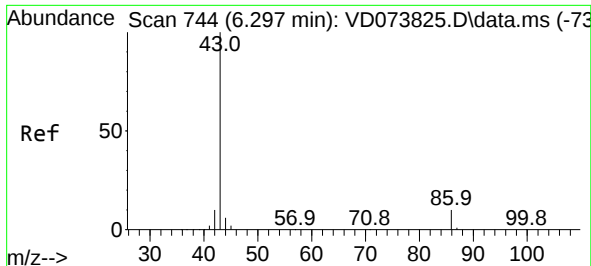
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#22
Diisopropyl ether
Concen: 18.307 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

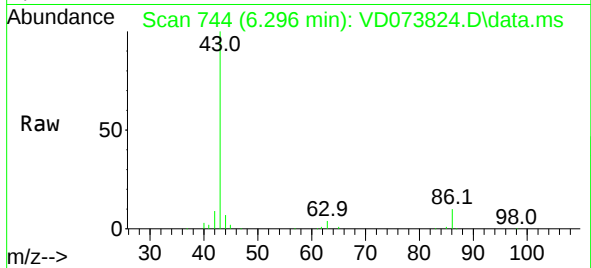
Tgt Ion: 45 Resp: 84156
Ion Ratio Lower Upper
45 100
43 50.4 44.1 66.1
87 28.9 20.8 31.2
59 11.6 8.3 12.5





#23
 Vinyl Acetate
 Concen: 88.187 ug/l m
 RT: 6.296 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

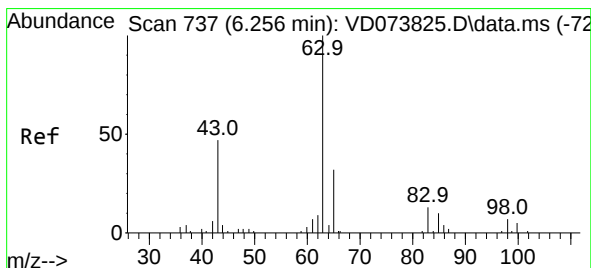
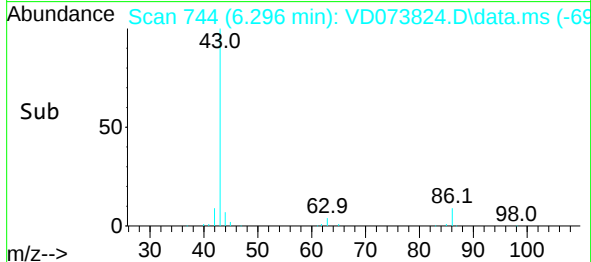
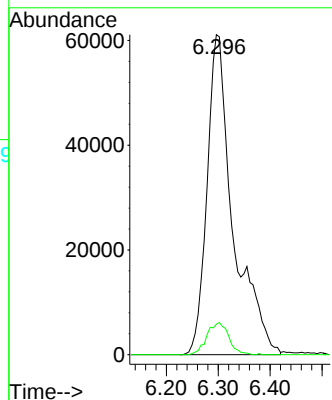
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 21404
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

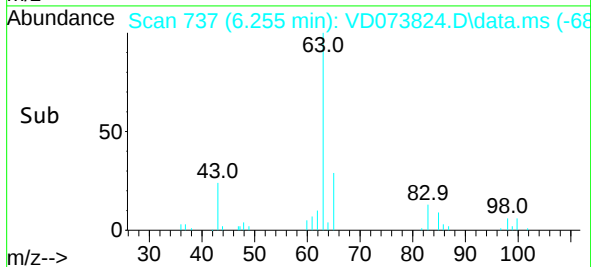
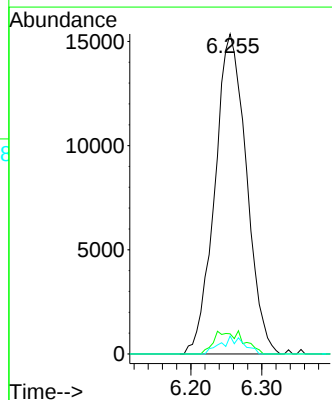
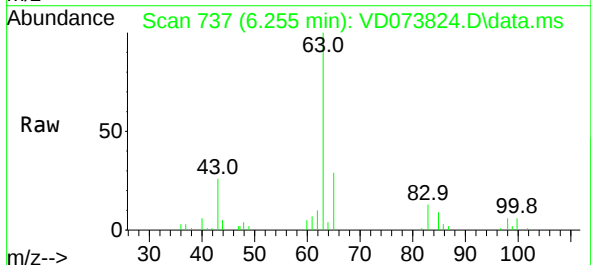
Manual Integrations
 APPROVED

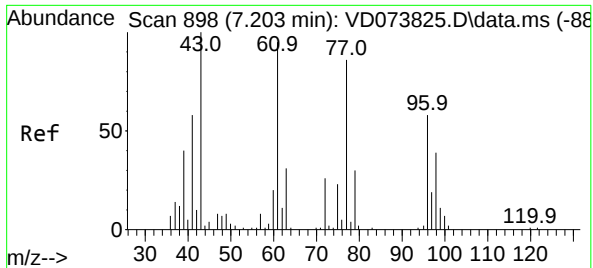
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#24
 1,1-Dichloroethane
 Concen: 18.532 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Tgt Ion: 63 Resp: 47424
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 5.6 2.5 7.6





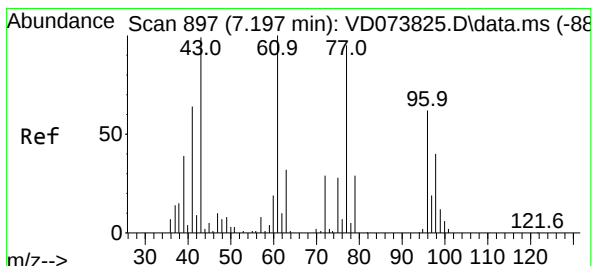
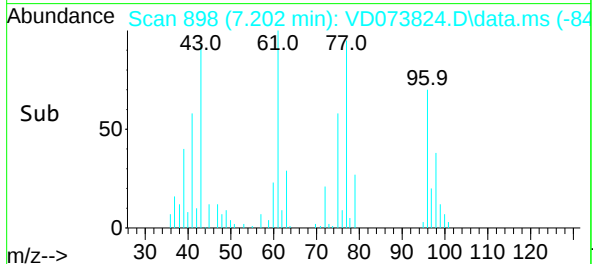
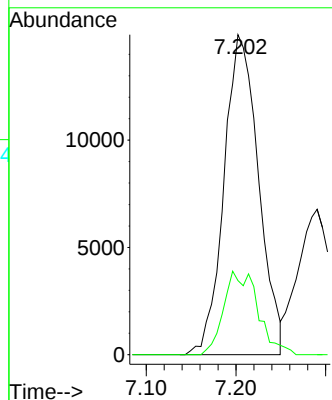
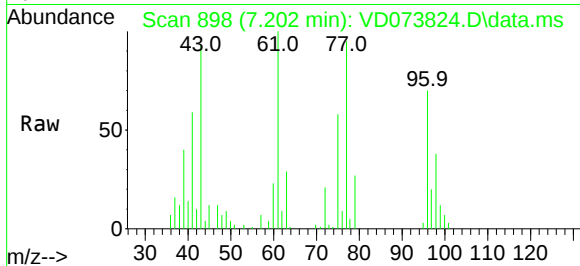
#25
2-Butanone
Concen: 86.337 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 39904
Ion Ratio Lower Upper
43 100
72 23.2 20.9 31.3

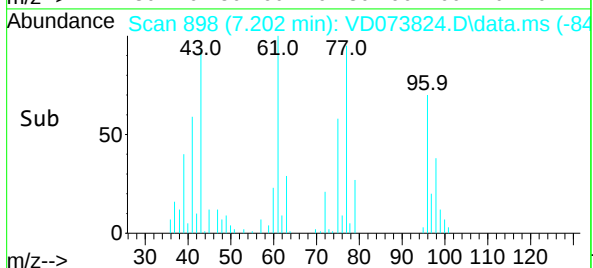
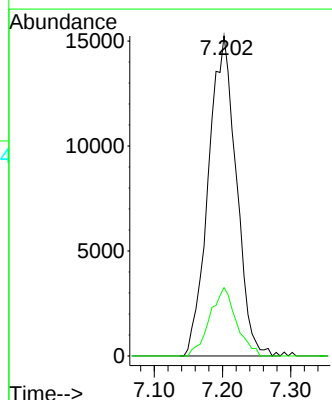
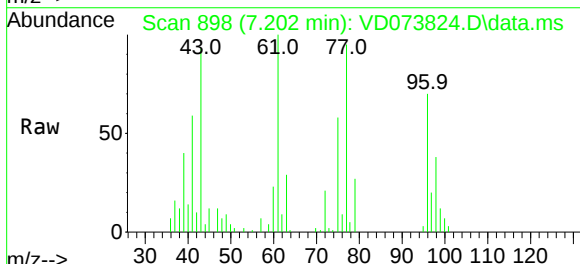
Manual Integrations
APPROVED

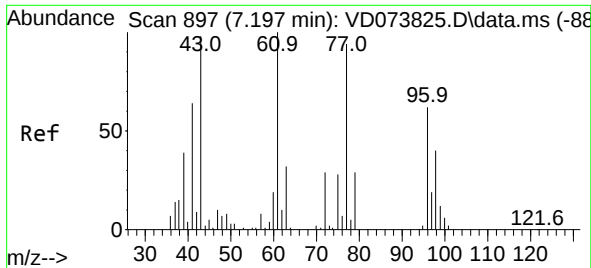
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#26
2,2-Dichloropropane
Concen: 17.955 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

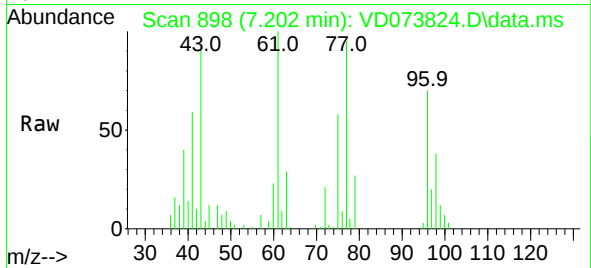
Tgt Ion: 77 Resp: 43442
Ion Ratio Lower Upper
77 100
97 20.3 10.7 31.9





#27
cis-1,2-Dichloroethene
Concen: 17.314 ug/l
RT: 7.202 min Scan# 897
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

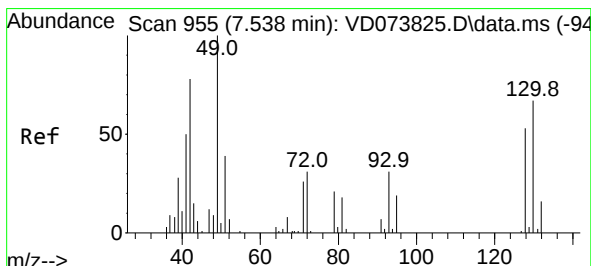
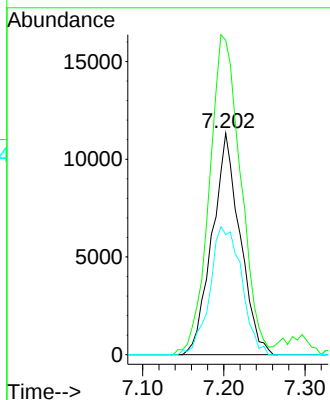
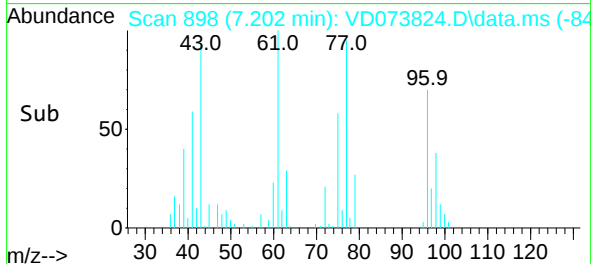
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 2703
Ion Ratio Lower Upper
96 100
61 162.7 0.0 324.4
98 65.5 0.0 131.6

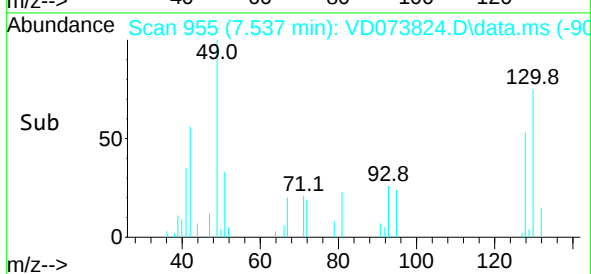
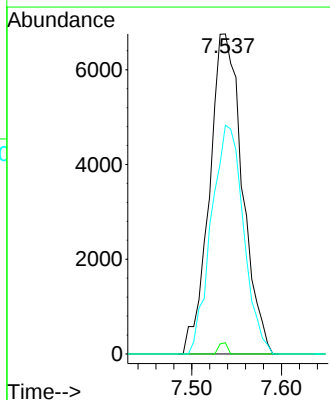
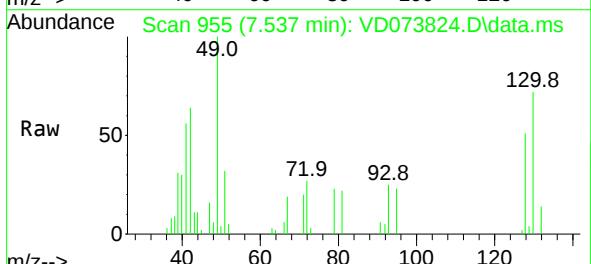
Manual Integrations
APPROVED

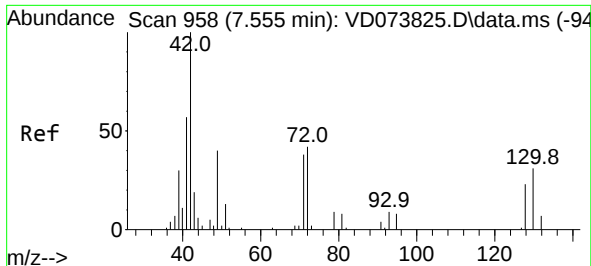
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#28
Bromochloromethane
Concen: 17.238 ug/l
RT: 7.537 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 49 Resp: 17207
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.0
130 69.8 51.8 77.6





#29

Tetrahydrofuran

Concen: 91.354 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

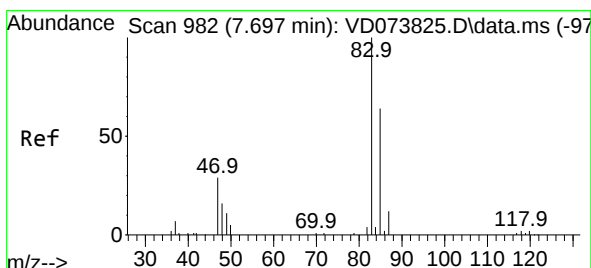
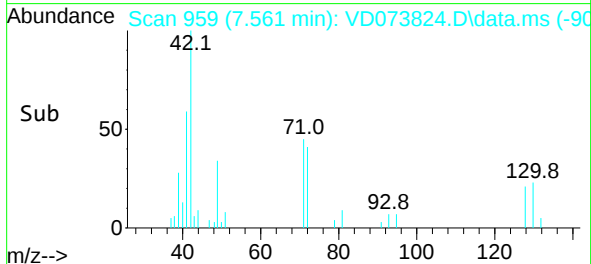
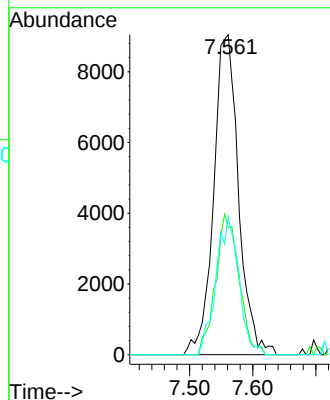
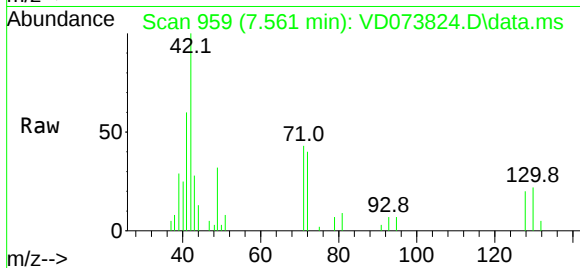
Tgt Ion:	42	Resp:	2479
Ion Ratio	Lower	Upper	
42	100		
72	41.0	33.5	50.3
71	39.6	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#30

Chloroform

Concen: 18.499 ug/l

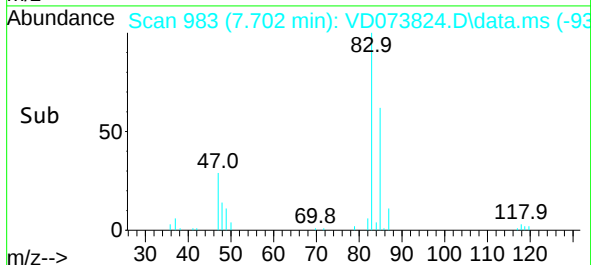
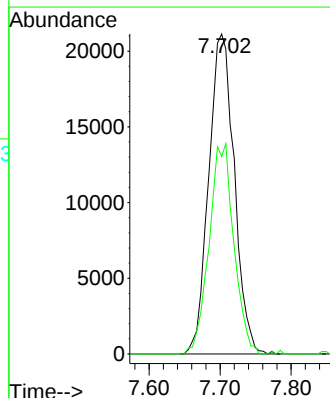
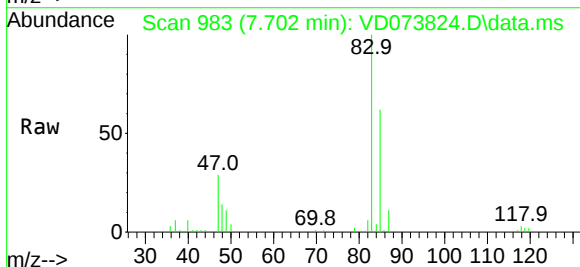
RT: 7.702 min Scan# 983

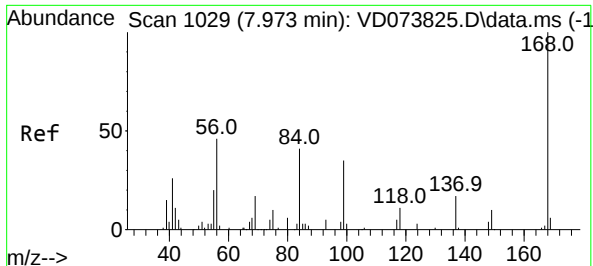
Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

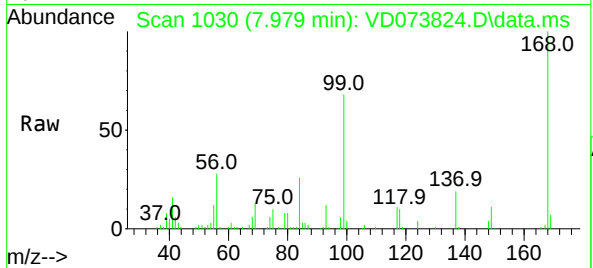
Tgt Ion:	83	Resp:	52773
Ion Ratio	Lower	Upper	
83	100		
85	61.7	51.2	76.8





#31
Cyclohexane
Concen: 18.495 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

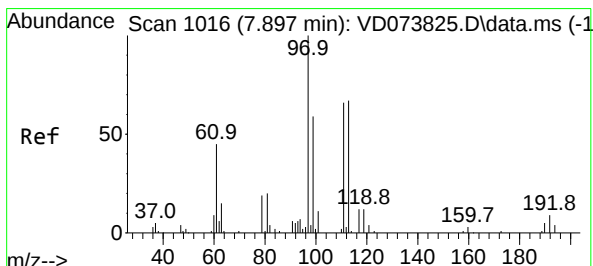
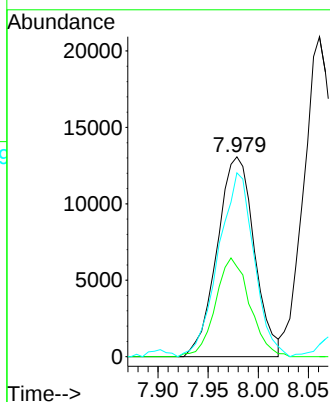
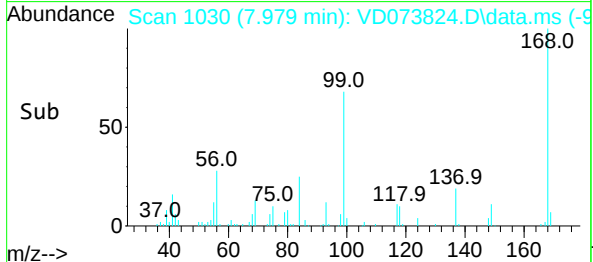
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



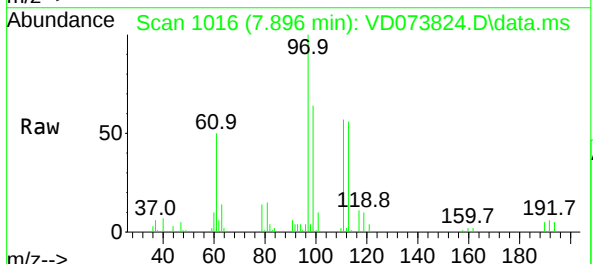
Tgt Ion: 56 Resp: 3369
Ion Ratio Lower Upper
56 100
69 45.0 29.1 43.7
84 91.9 68.2 102.2

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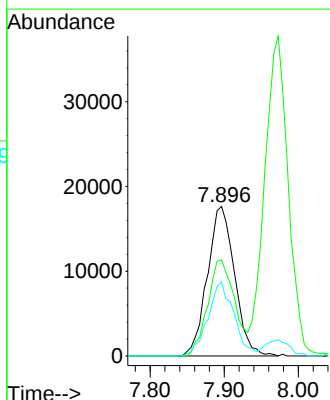
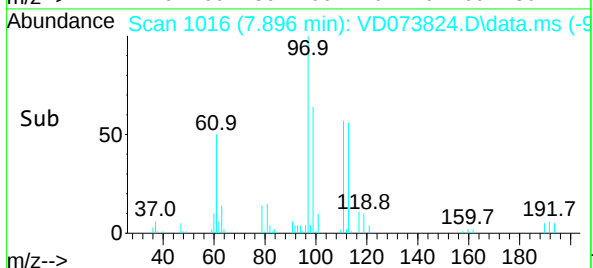
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

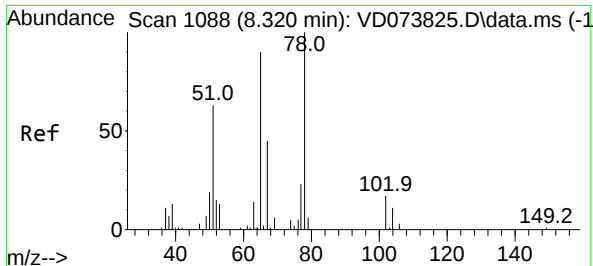


#32
1,1,1-Trichloroethane
Concen: 18.565 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



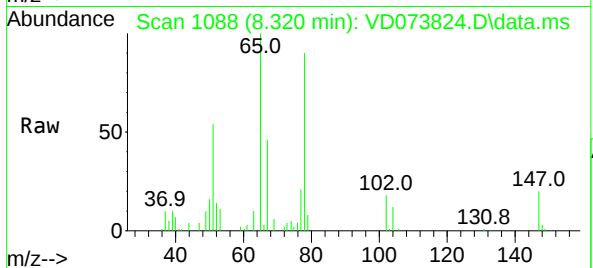
Tgt Ion: 97 Resp: 44864
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 47.4 37.0 55.4





#33
1,2-Dichloroethane-d4
Concen: 23.486 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

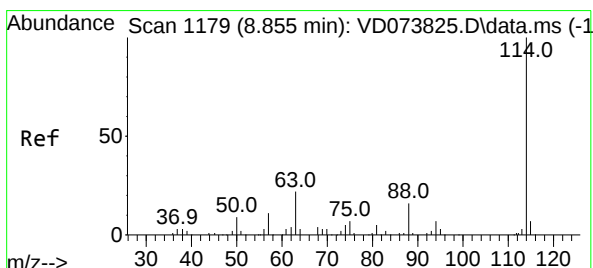
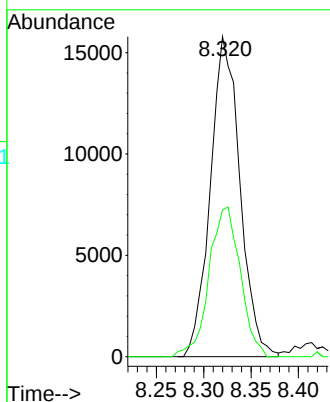
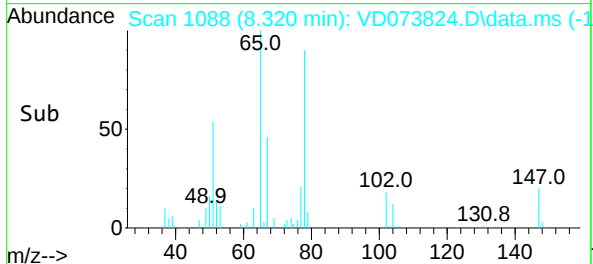
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



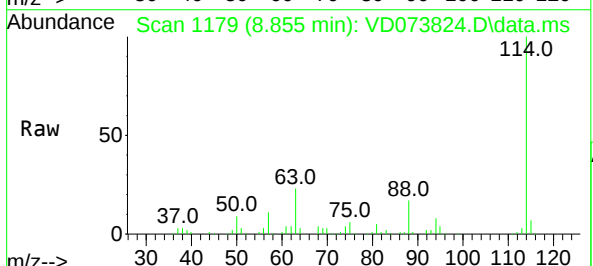
Tgt Ion: 65 Resp: 34360
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.0

Manual Integrations
APPROVED

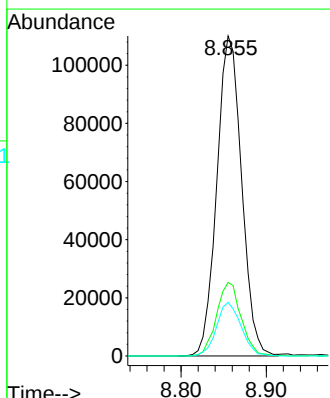
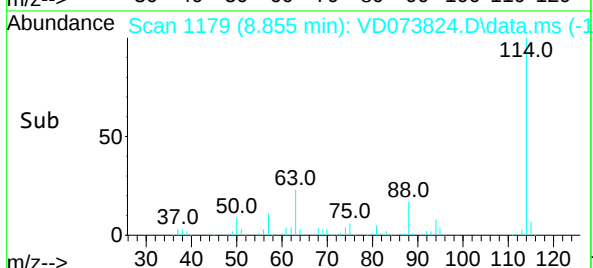
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

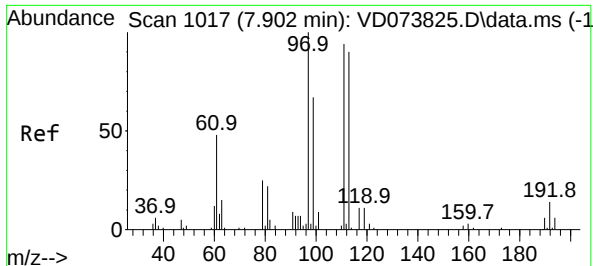


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion:114 Resp: 222294
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.0
88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 21.241 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

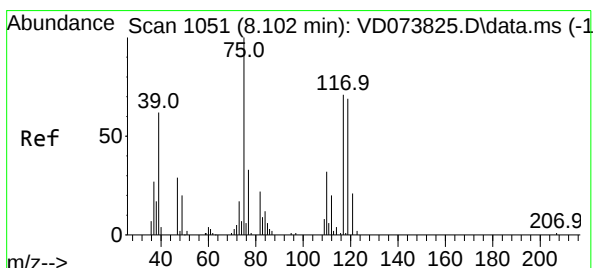
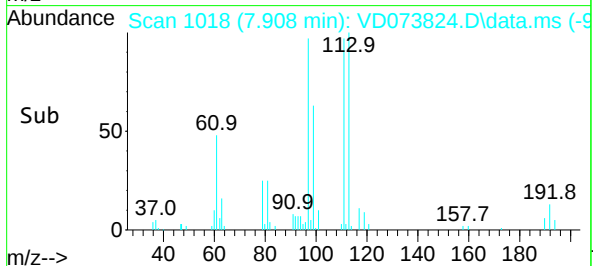
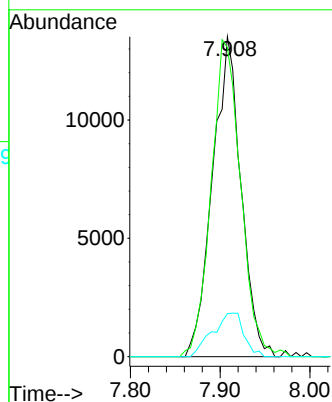
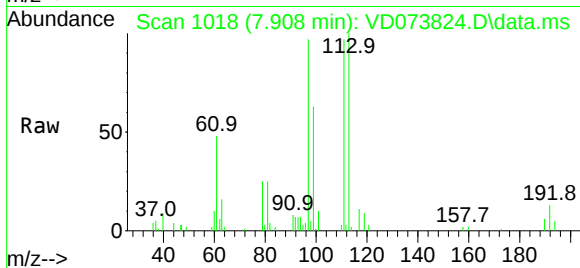
Tgt Ion:	113	Resp:	2973
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.4
192	15.0	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#36

1,1-Dichloropropene

Concen: 19.226 ug/l

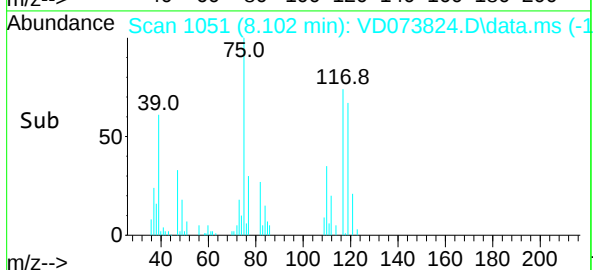
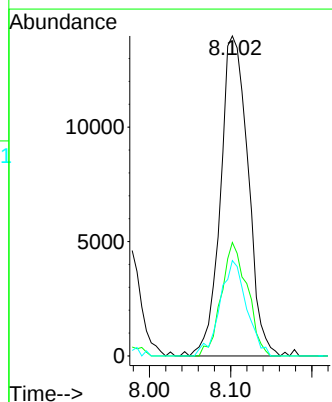
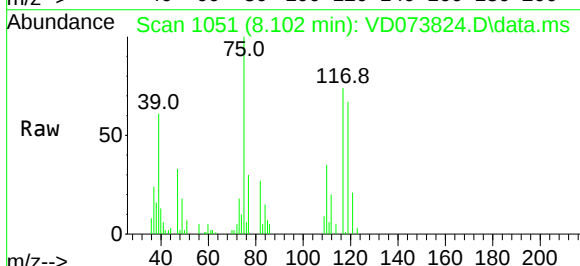
RT: 8.102 min Scan# 1051

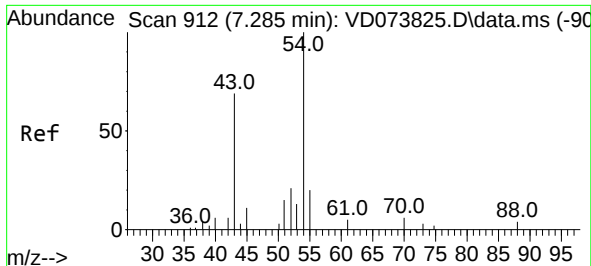
Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

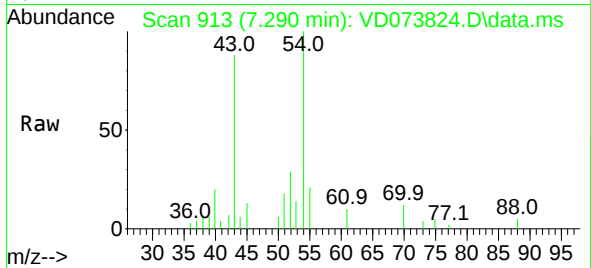
Tgt Ion:	75	Resp:	32958
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.0	47.9
77	28.8	25.3	37.9





#37
Ethyl Acetate
Concen: 18.317 ug/l
RT: 7.290 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

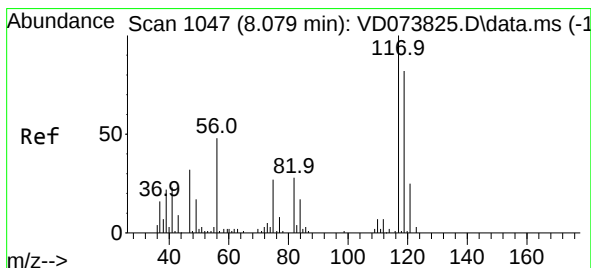
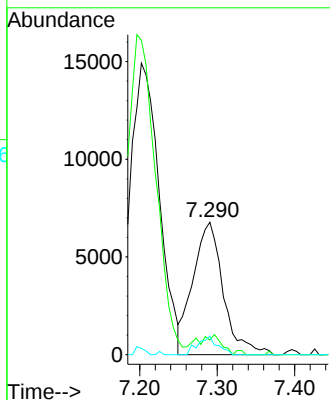
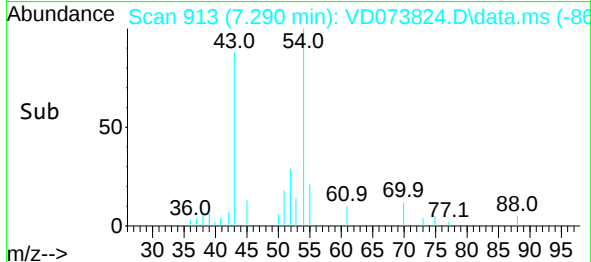
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



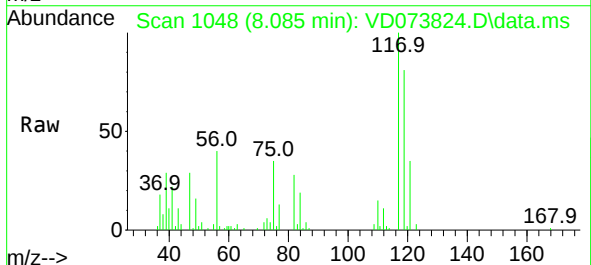
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
61 8.0 10.8 16.2
70 9.0 7.5 11.3

Manual Integrations
APPROVED

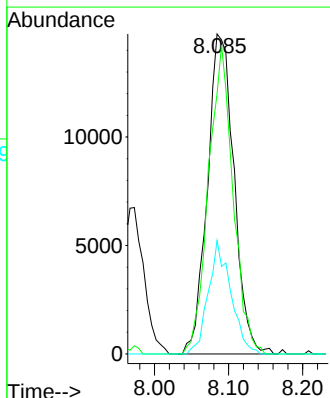
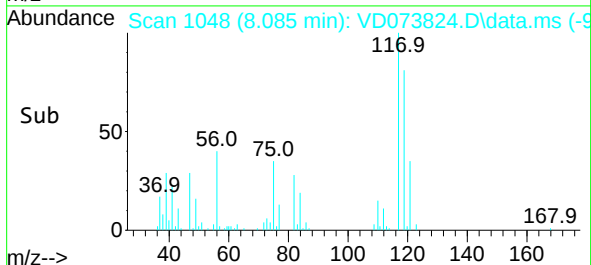
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

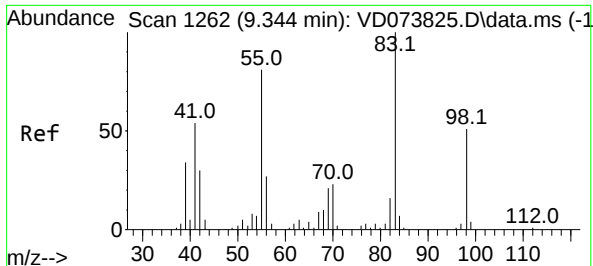


#38
Carbon Tetrachloride
Concen: 18.878 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion:117 Resp: 36785
Ion Ratio Lower Upper
117 100
119 81.3 65.6 98.4
121 35.4 20.1 30.1#





#39

Methylcyclohexane

Concen: 19.773 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

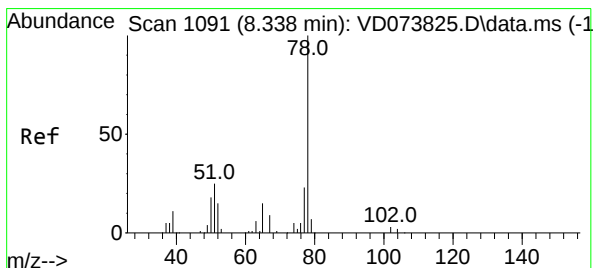
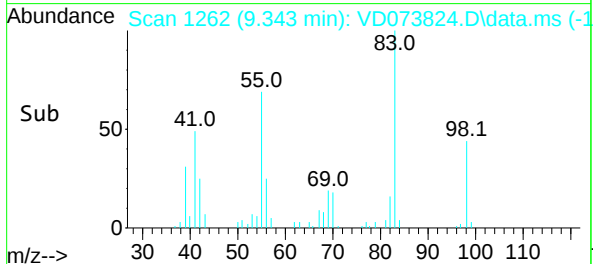
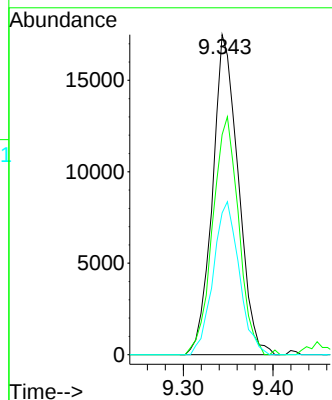
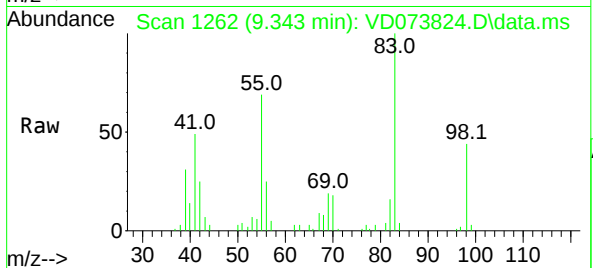
Tgt Ion: 83	Resp: 3484
Ion Ratio	Lower Upper
83 100	
55 68.8	64.8 97.2
98 44.3	41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#40

Benzene

Concen: 18.710 ug/l

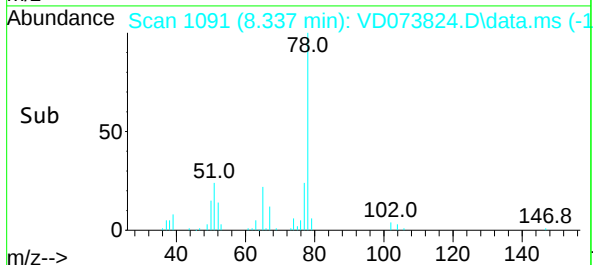
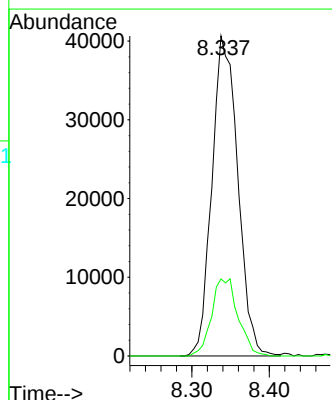
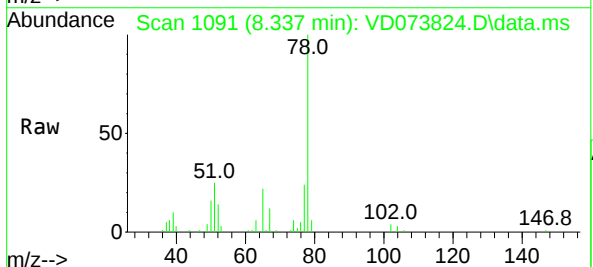
RT: 8.337 min Scan# 1091

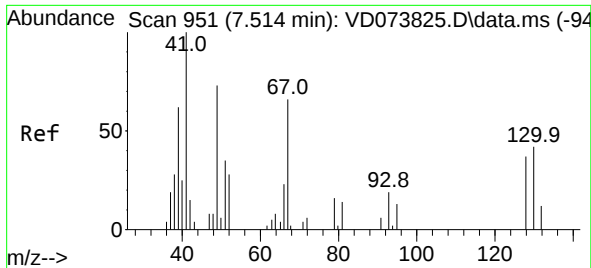
Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion: 78	Resp: 94361
Ion Ratio	Lower Upper
78 100	
77 24.1	18.8 28.2





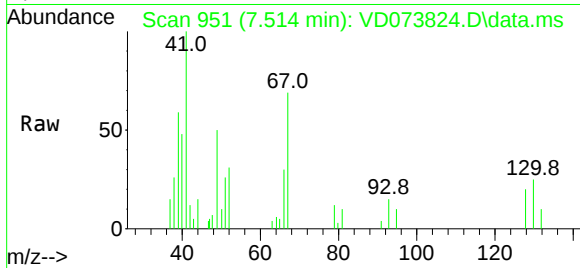
#41
Methacrylonitrile
Concen: 19.212 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020



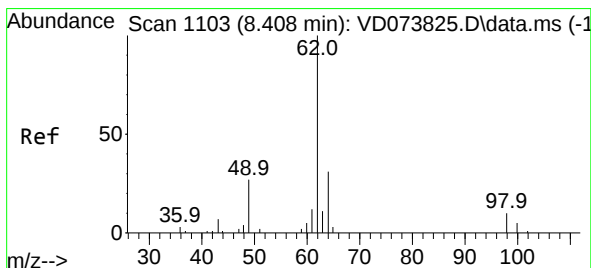
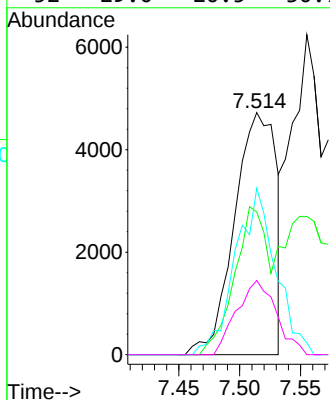
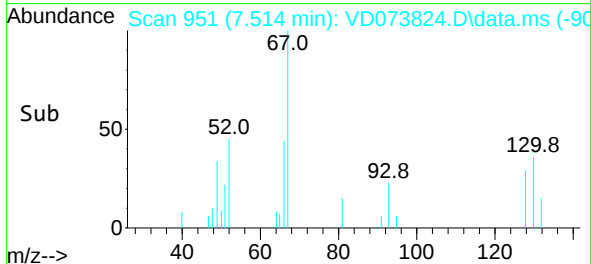
Tgt Ion: 41 Resp: 1128
Ion Ratio Lower Upper
41 100
39 48.3 35.6 53.4
67 66.4 45.0 67.6
52 29.0 20.5 30.7

Manual Integrations

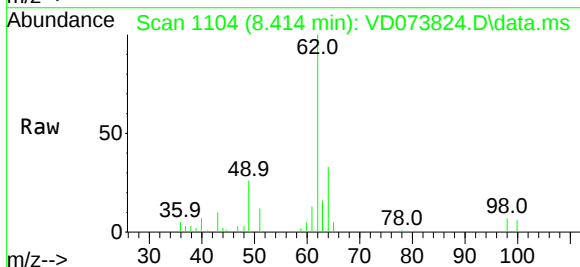
APPROVED

Reviewed By :John Carlone 07/12/2022

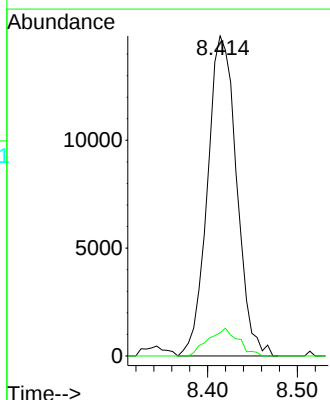
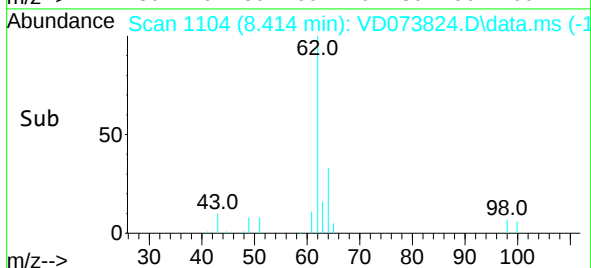
Supervised By :Mahesh Dadoda 07/12/2022

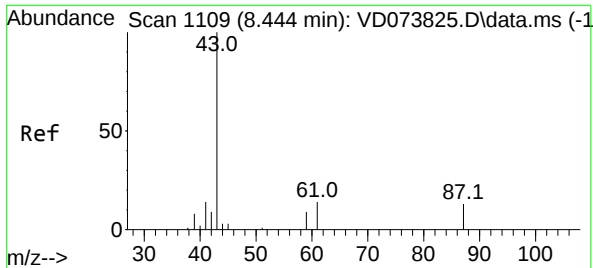


#42
1,2-Dichloroethane
Concen: 19.265 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



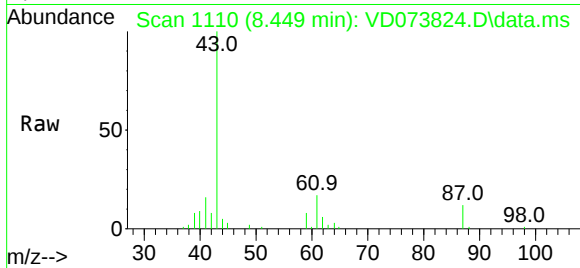
Tgt Ion: 62 Resp: 33454
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.2





#43
Isopropyl Acetate
Concen: 17.443 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

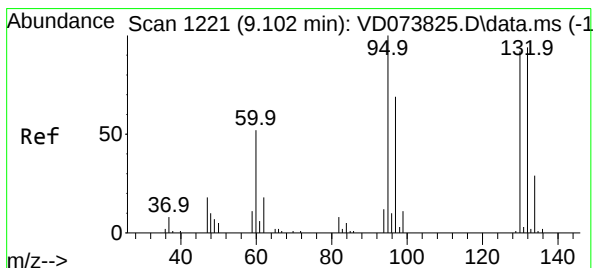
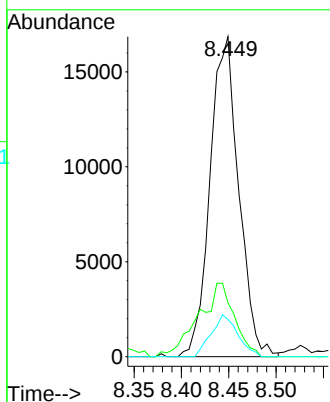
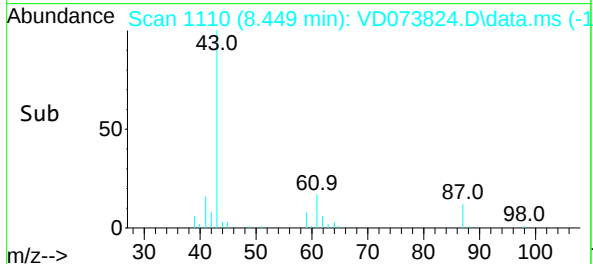
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



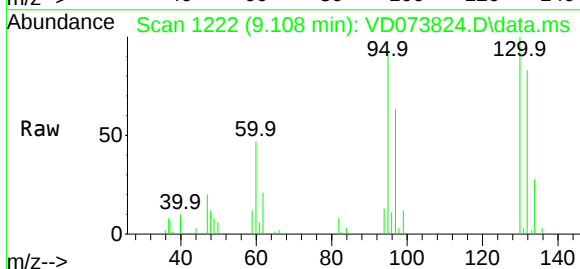
Tgt Ion: 43 Resp: 3558
Ion Ratio Lower Upper
43 100
61 28.8 22.2 33.2
87 12.1 9.7 14.5

Manual Integrations
APPROVED

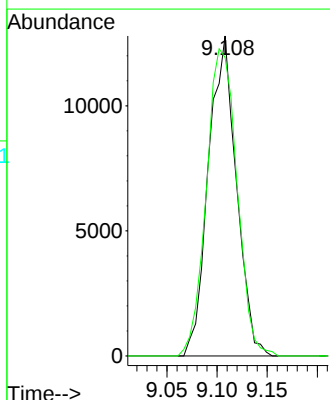
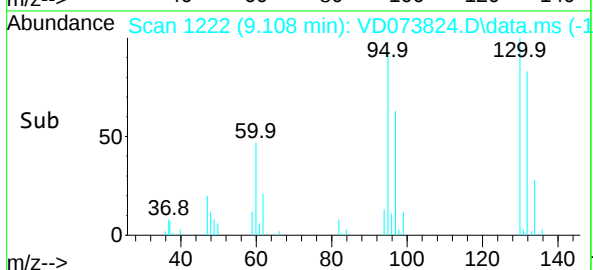
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

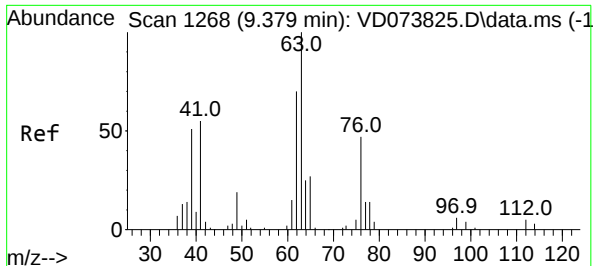


#44
Trichloroethene
Concen: 18.493 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



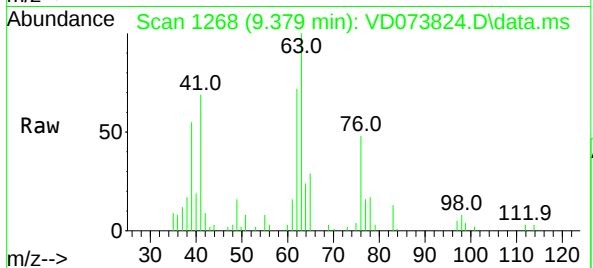
Tgt Ion:130 Resp: 24808
Ion Ratio Lower Upper
130 100
95 93.3 0.0 217.0





#45
1,2-Dichloropropane
Concen: 18.954 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

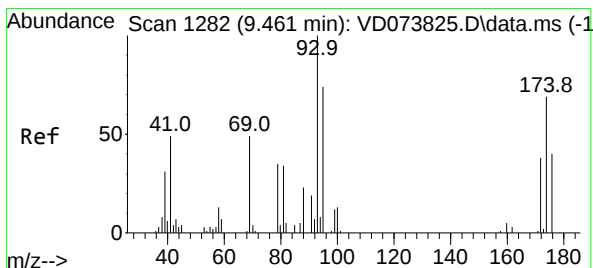
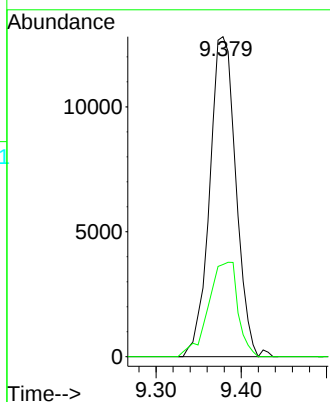
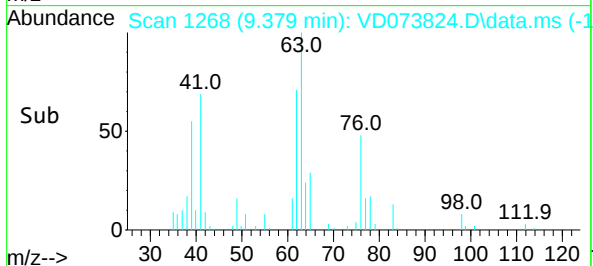
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



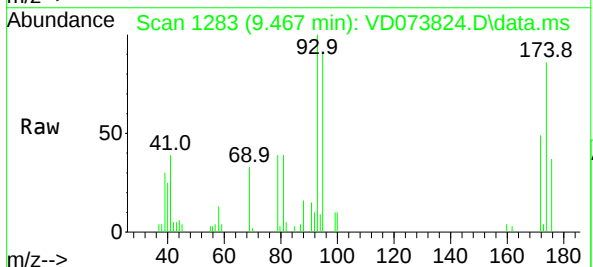
Tgt Ion: 63 Resp: 2744
Ion Ratio Lower Upper
63 100
65 28.8 21.7 32.5

Manual Integrations
APPROVED

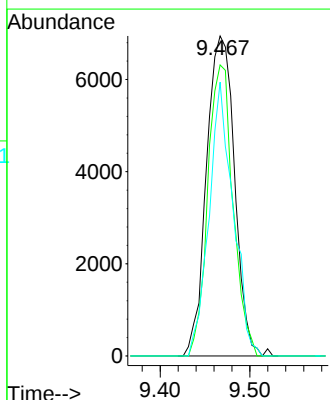
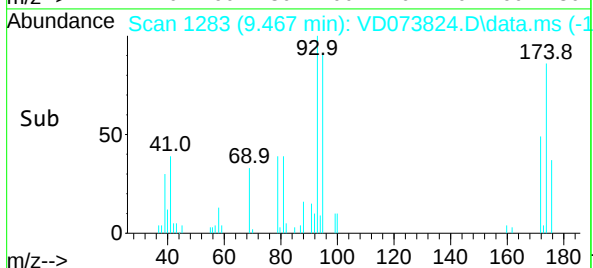
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

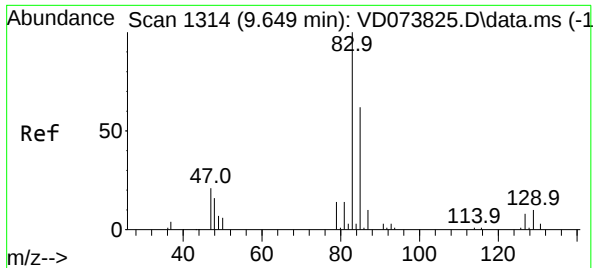


#46
Dibromomethane
Concen: 18.219 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



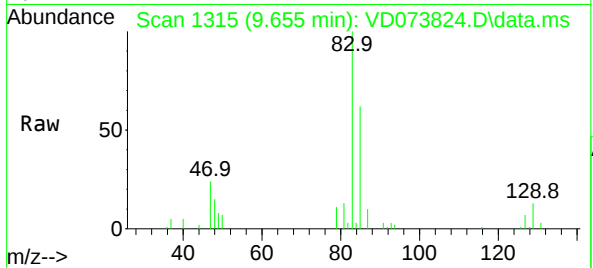
Tgt Ion: 93 Resp: 15106
Ion Ratio Lower Upper
93 100
95 81.7 61.8 92.6
174 73.3 58.7 88.1





#47
Bromodichloromethane
Concen: 18.411 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

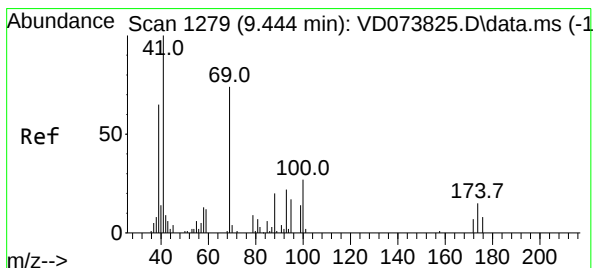
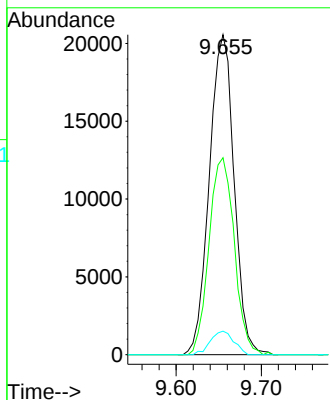
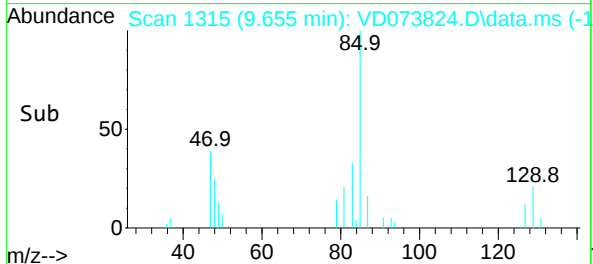
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



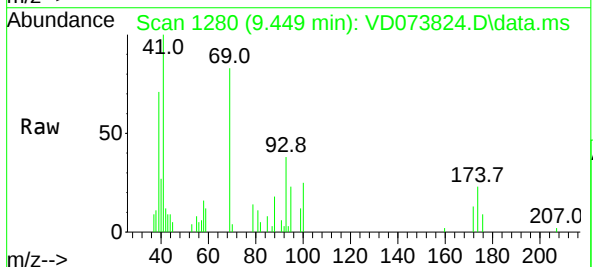
Tgt Ion: 83 Resp: 41584
Ion Ratio Lower Upper
83 100
85 61.5 50.0 75.0
127 7.3 6.2 9.2

Manual Integrations
APPROVED

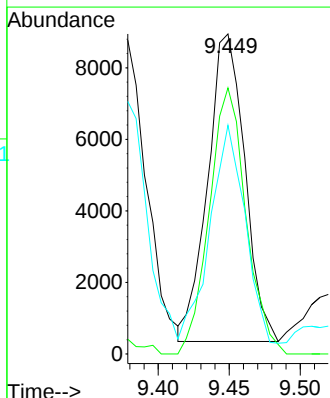
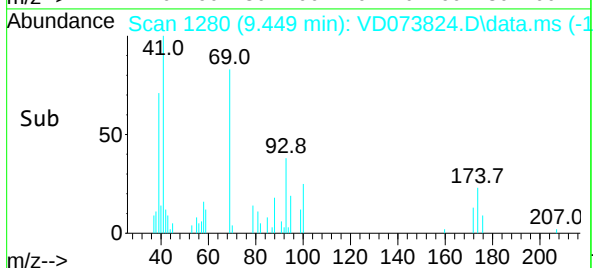
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

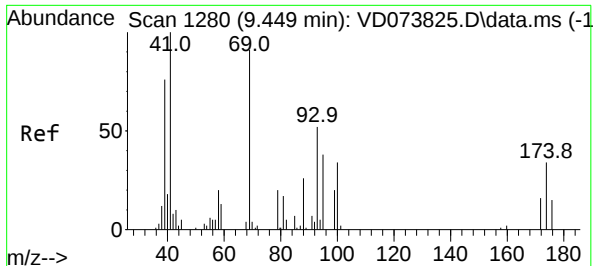


#48
Methyl methacrylate
Concen: 16.750 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion: 41 Resp: 15590
Ion Ratio Lower Upper
41 100
69 85.7 63.4 95.2
39 74.9 55.6 83.4





#49

1,4-Dioxane

Concen: 347.633 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

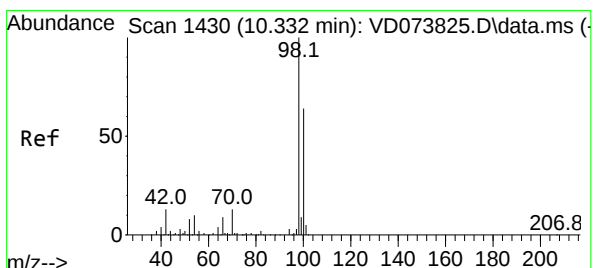
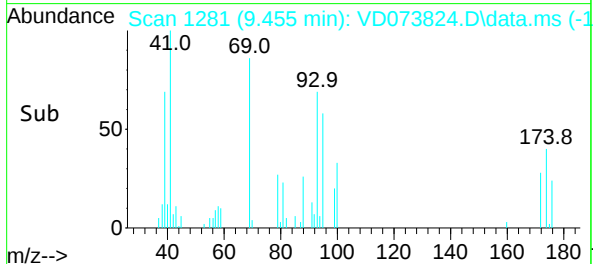
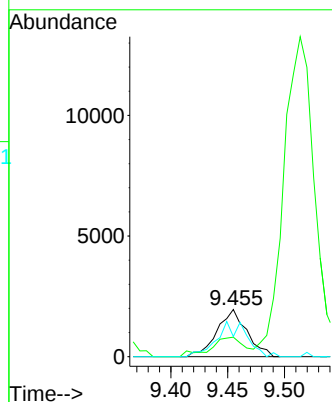
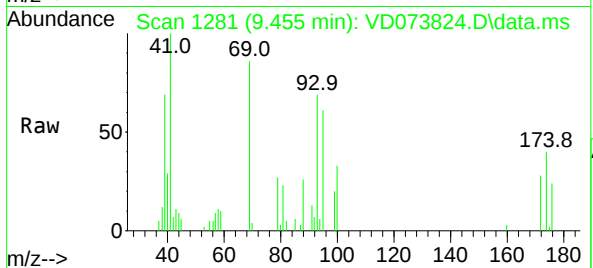
Tgt Ion: 88 Resp: 3570
 Ion Ratio Lower Upper
 88 100
 43 46.5 34.2 51.4
 58 74.6 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#50

Toluene-d8

Concen: 25.276 ug/l

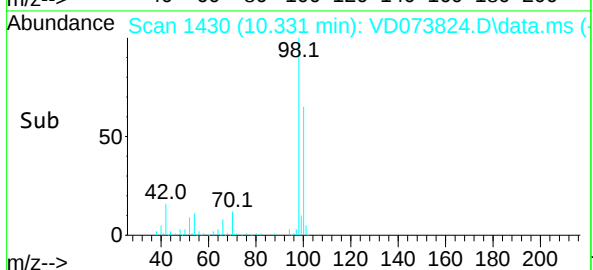
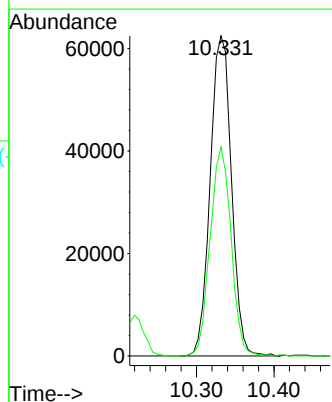
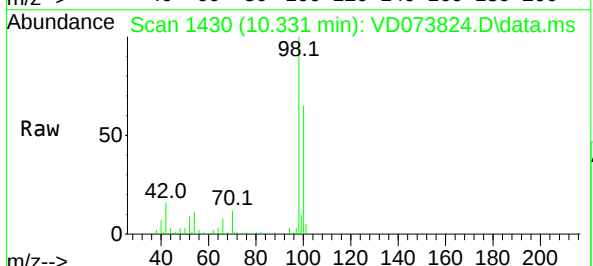
RT: 10.331 min Scan# 1430

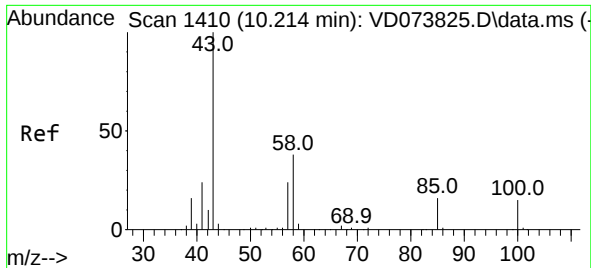
Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion: 98 Resp: 118913
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.9 79.3





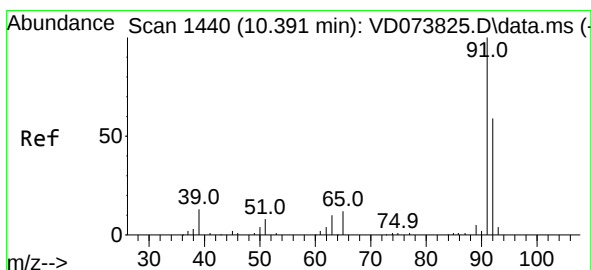
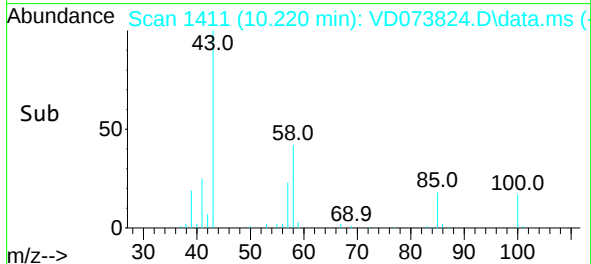
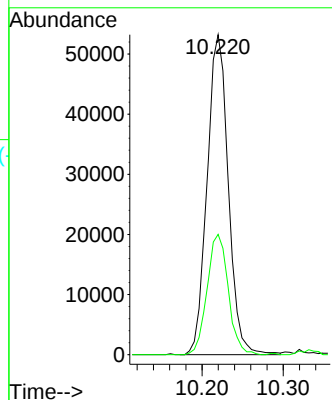
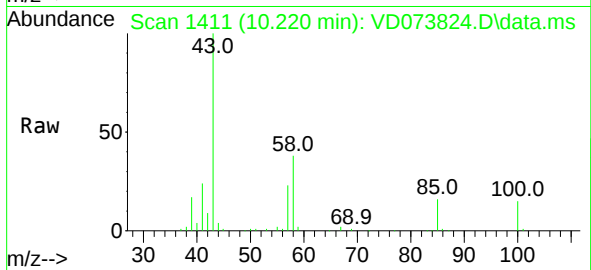
#51
4-Methyl-2-Pentanone
Concen: 90.591 ug/l
RT: 10.220 min Scan# 1410
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9647
Ion Ratio Lower Upper
43 100
58 37.5 29.3 43.9

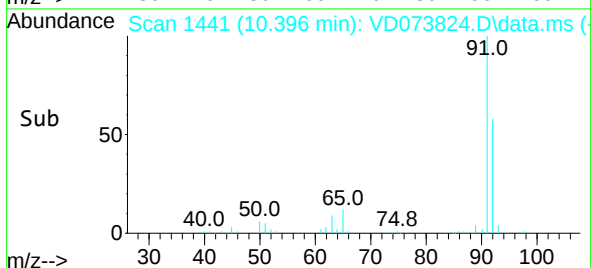
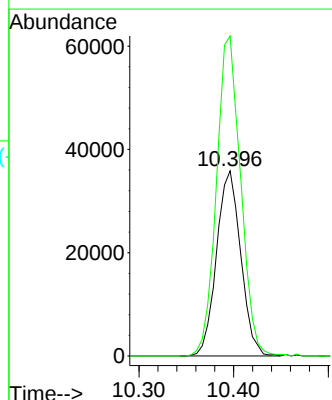
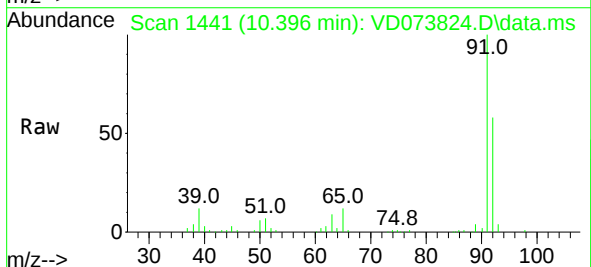
Manual Integrations
APPROVED

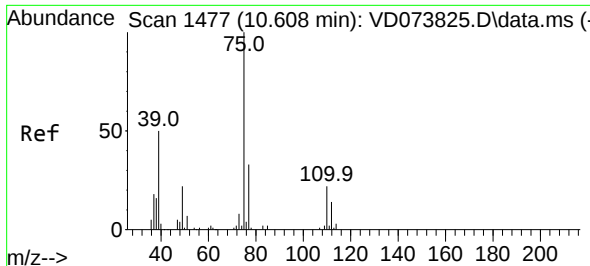
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#52
Toluene
Concen: 19.056 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

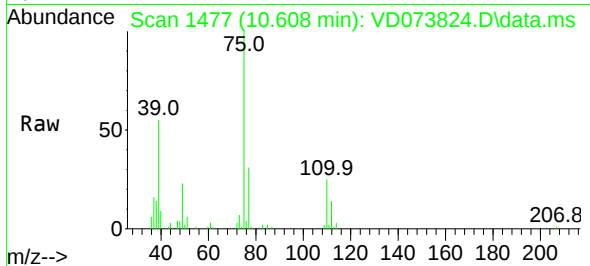
Tgt Ion: 92 Resp: 63750
Ion Ratio Lower Upper
92 100
91 172.7 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 17.915 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

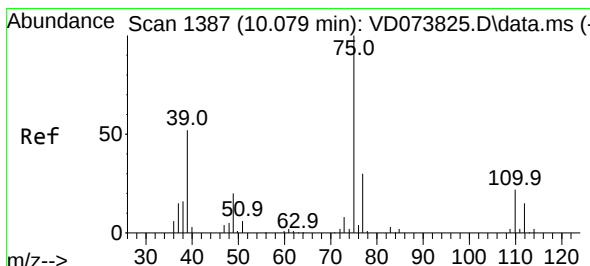
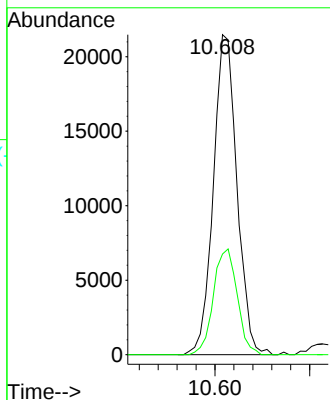
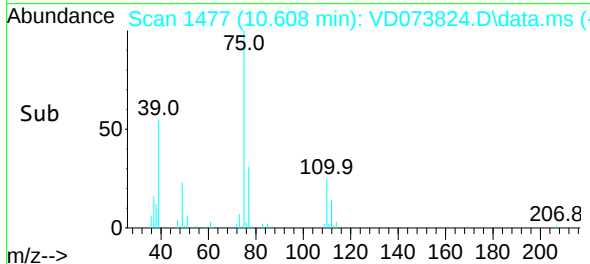
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 3722
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6

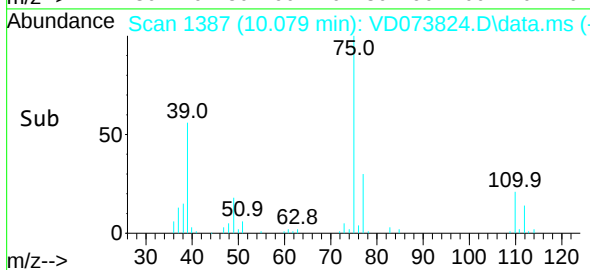
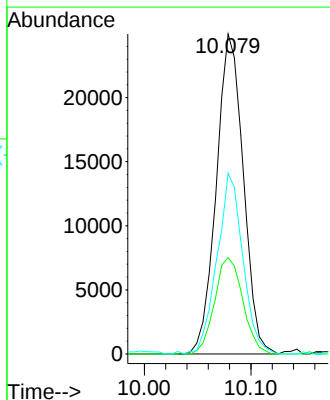
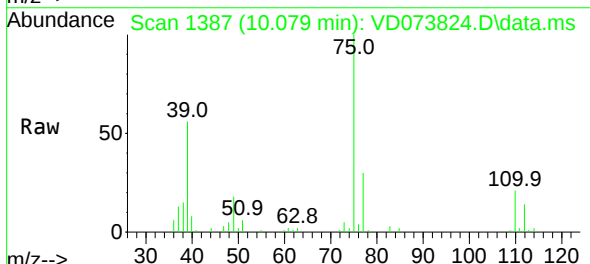
Manual Integrations
APPROVED

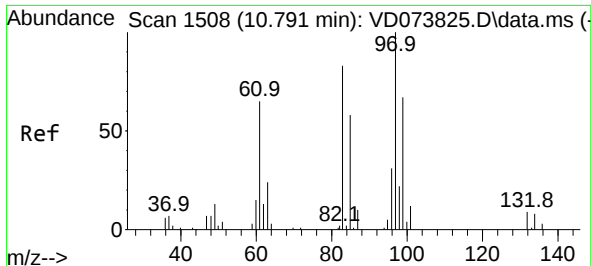
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#54
cis-1,3-Dichloropropene
Concen: 19.003 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

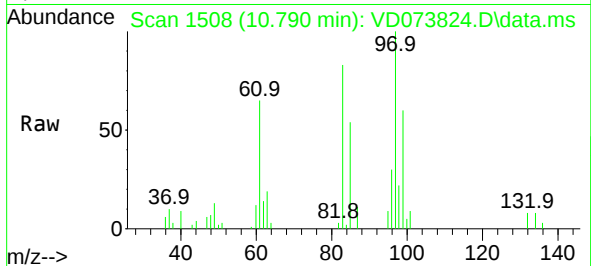
Tgt Ion: 75 Resp: 43784
Ion Ratio Lower Upper
75 100
77 30.1 24.2 36.4
39 56.5 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 19.329 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

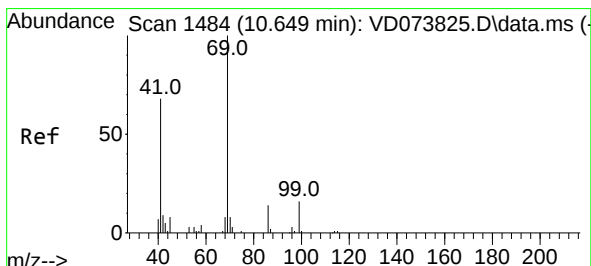
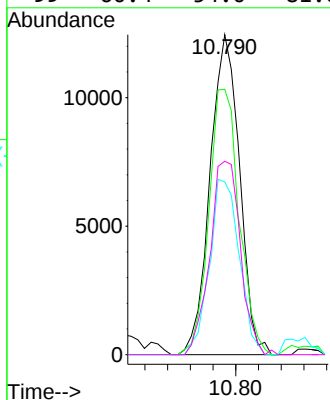
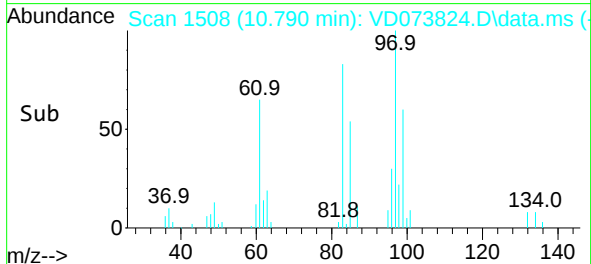
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



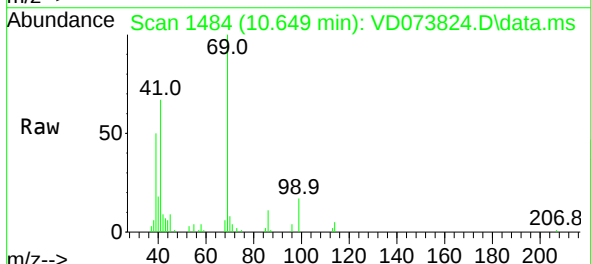
Tgt Ion: 97 Resp: 22429
Ion Ratio Lower Upper
97 100
83 83.0 66.8 100.2
85 54.0 46.6 69.8
99 60.4 54.0 81.0

Manual Integrations
APPROVED

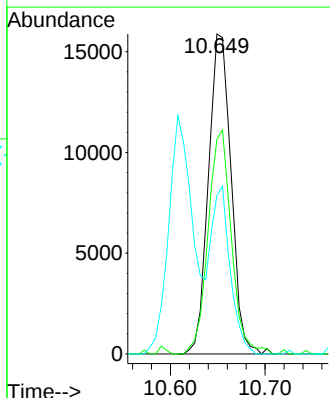
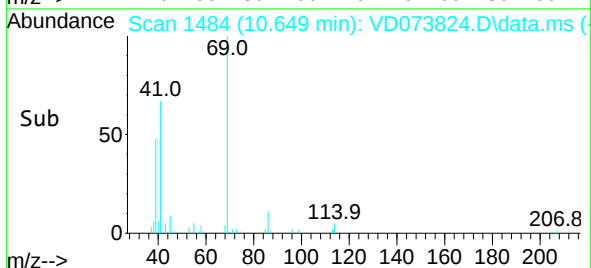
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

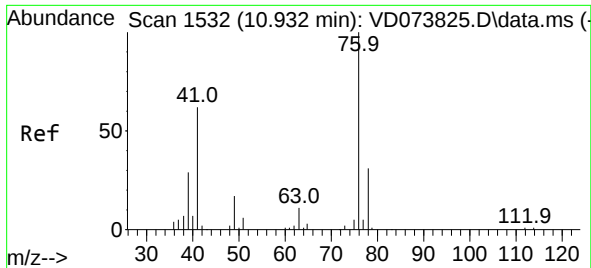


#56
Ethyl methacrylate
Concen: 17.839 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion: 69 Resp: 26422
Ion Ratio Lower Upper
69 100
41 71.9 55.3 82.9
39 43.2 35.9 53.9





#57

1,3-Dichloropropane

Concen: 18.739 ug/l

RT: 10.931 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 37539

Ion Ratio Lower Upper

76 100

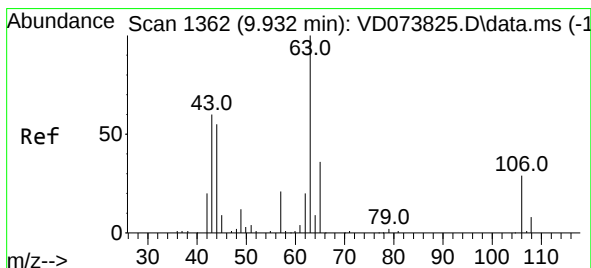
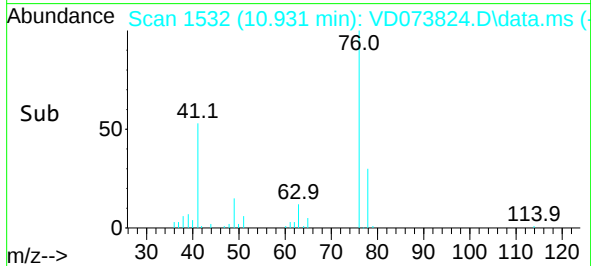
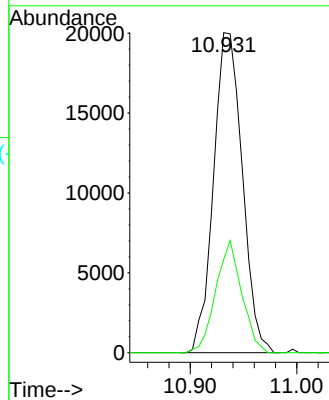
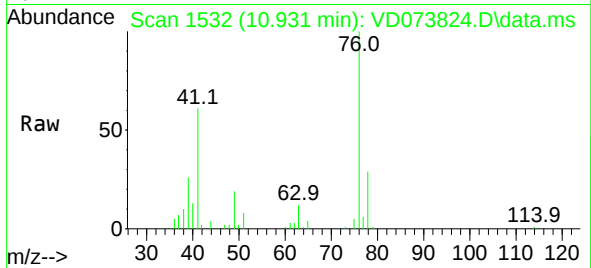
78 31.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 88.178 ug/l

RT: 9.931 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073824.D

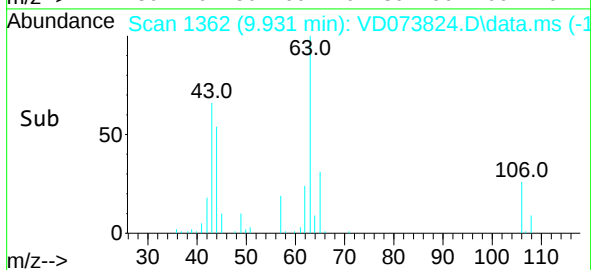
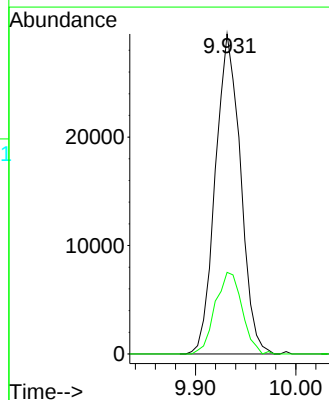
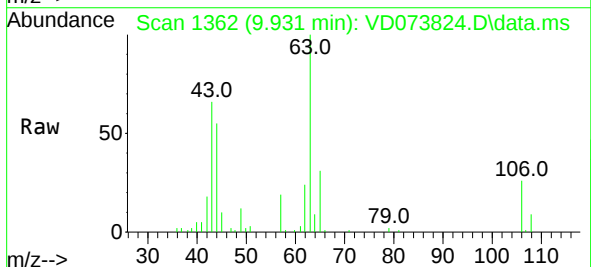
Acq: 11 Jul 2022 12:38

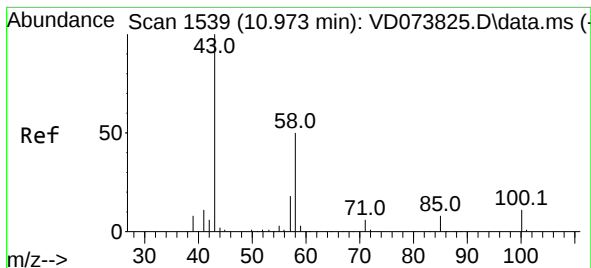
Tgt Ion: 63 Resp: 51367

Ion Ratio Lower Upper

63 100

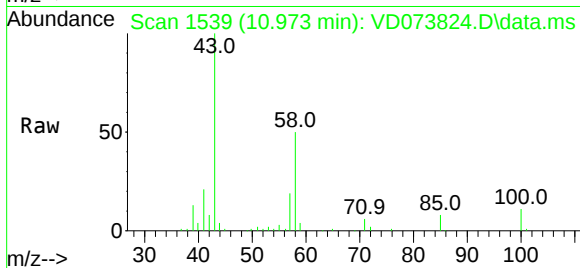
106 27.3 21.3 31.9





#59
2-Hexanone
Concen: 92.339 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

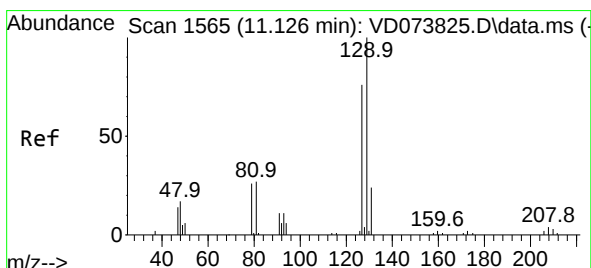
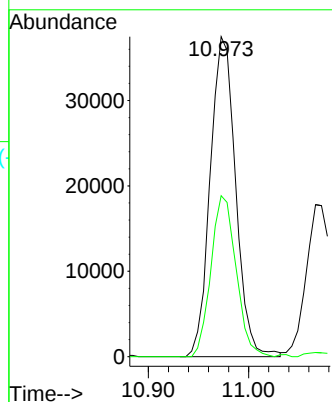
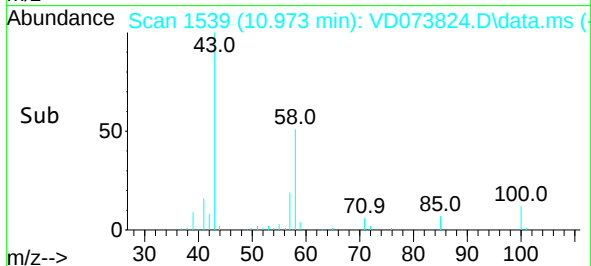
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



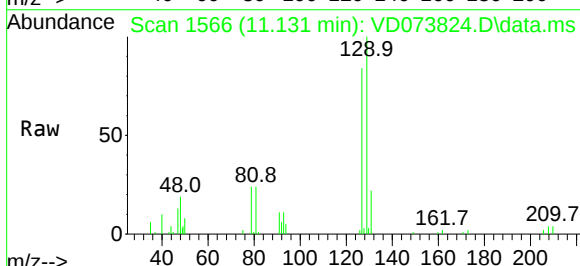
Tgt Ion: 43 Resp: 66025
Ion Ratio Lower Upper
43 100
58 49.6 25.3 75.9

Manual Integrations
APPROVED

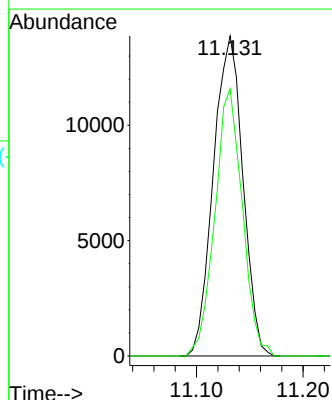
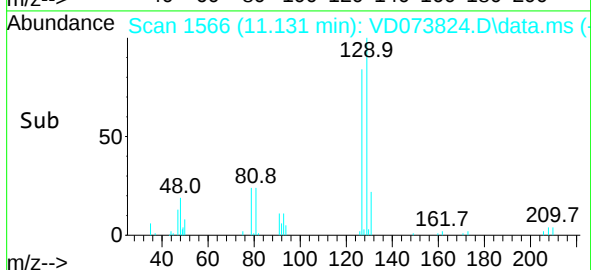
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

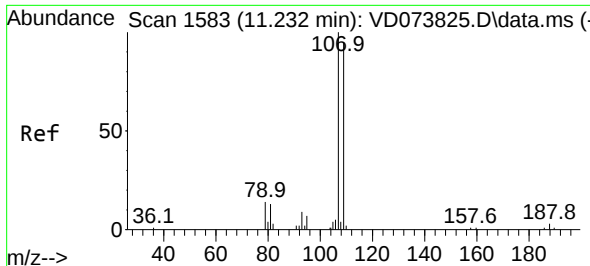


#60
Dibromochloromethane
Concen: 18.533 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



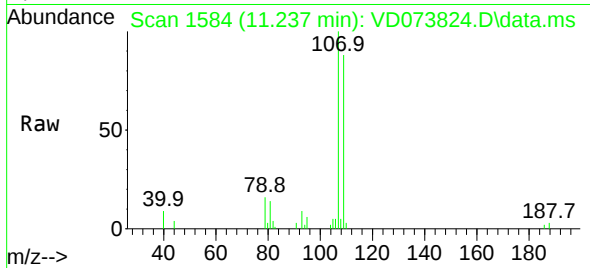
Tgt Ion:129 Resp: 26650
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 18.732 ug/l
RT: 11.237 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

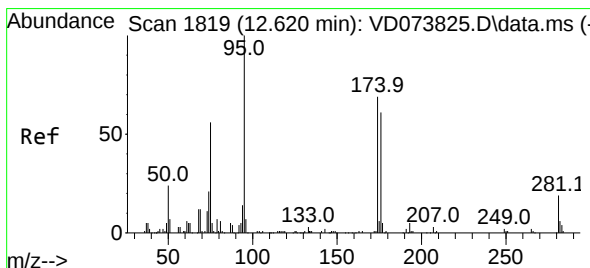
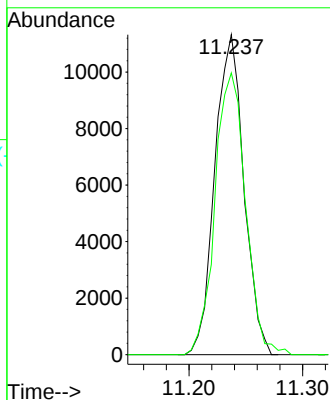
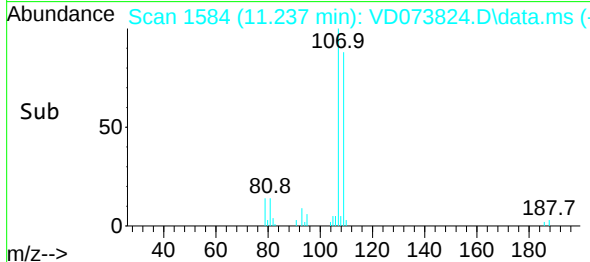
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



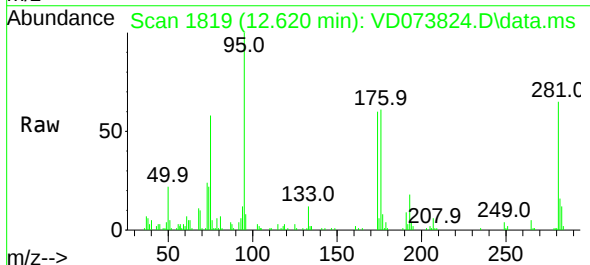
Tgt Ion:107 Resp: 2009
Ion Ratio Lower Upper
107 100
109 92.9 73.2 109.8

Manual Integrations
APPROVED

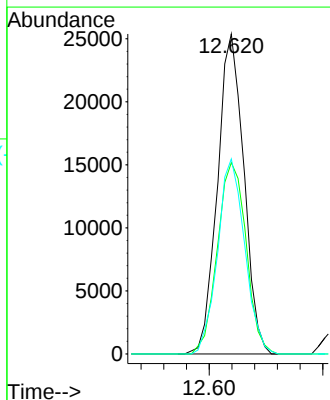
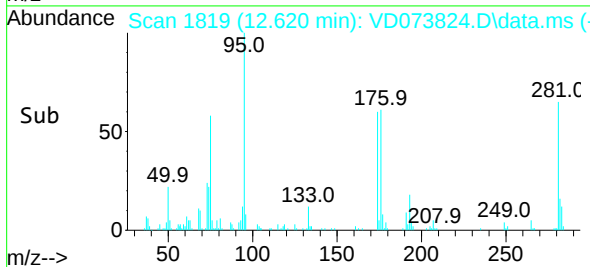
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

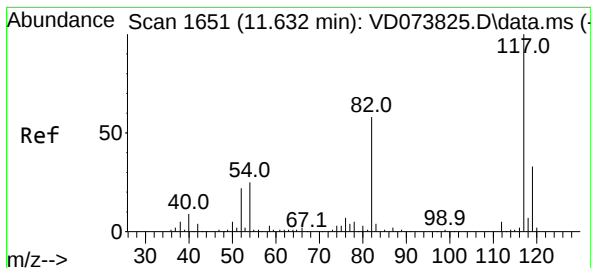


#62
4-Bromofluorobenzene
Concen: 20.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



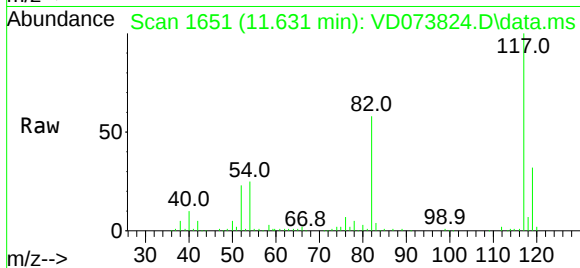
Tgt Ion: 95 Resp: 40910
Ion Ratio Lower Upper
95 100
174 65.1 0.0 131.8
176 62.6 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

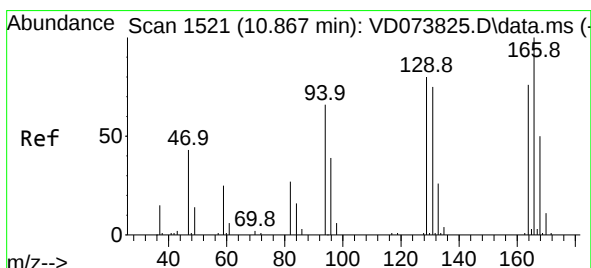
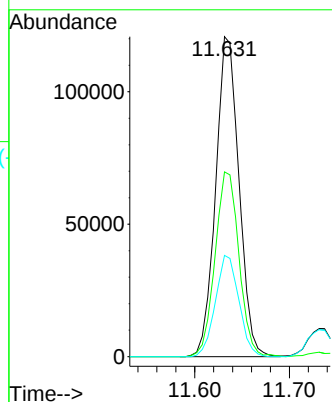
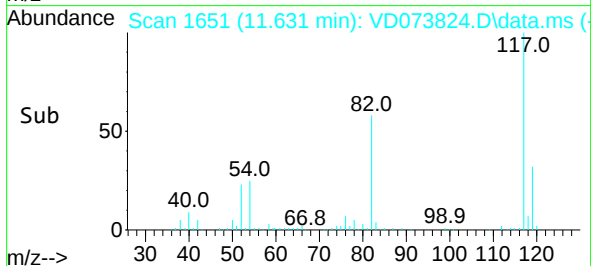
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



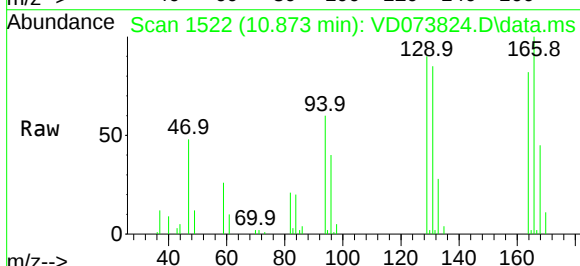
Tgt Ion:117 Resp: 20703
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 31.6 26.1 39.1

Manual Integrations
APPROVED

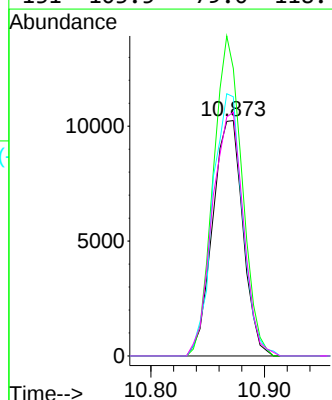
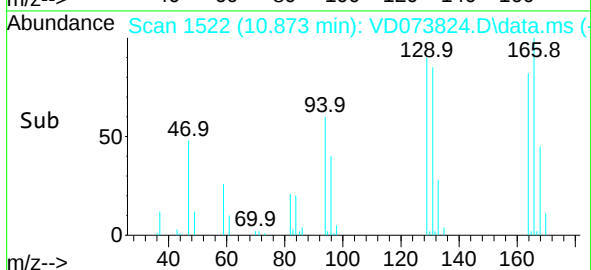
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

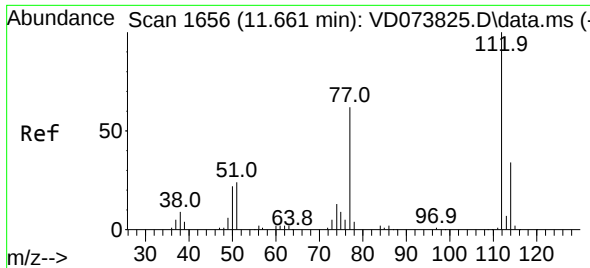


#64
Tetrachloroethene
Concen: 18.476 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



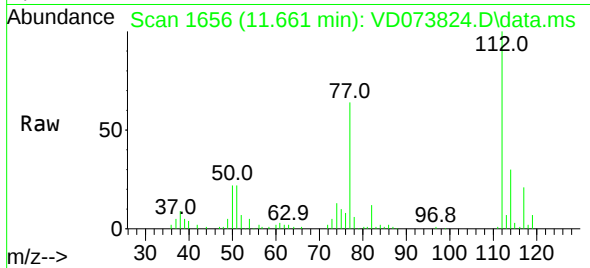
Tgt Ion:164 Resp: 18959
Ion Ratio Lower Upper
164 100
166 122.1 105.0 157.6
129 110.1 83.8 125.8
131 103.5 79.0 118.4





#65
Chlorobenzene
Concen: 18.205 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

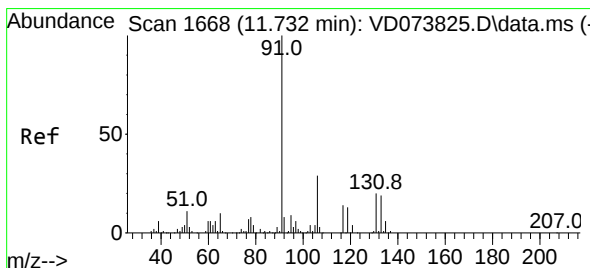
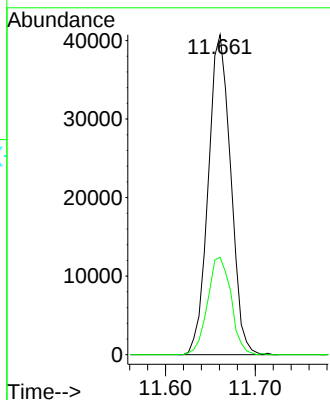
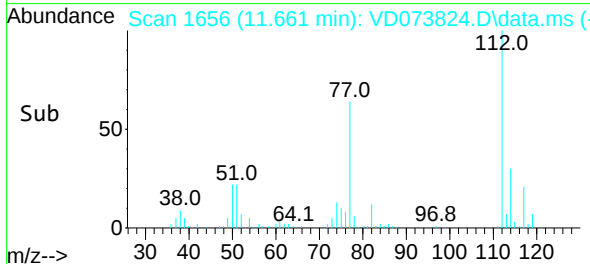
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 70754
Ion Ratio Lower Upper
112 100
114 30.4 27.1 40.7

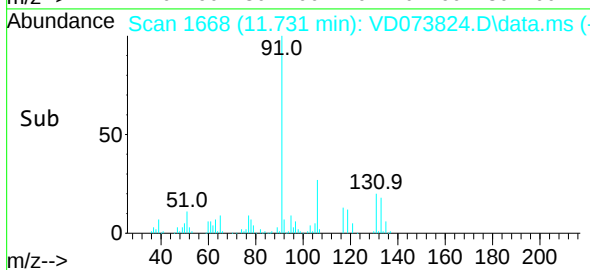
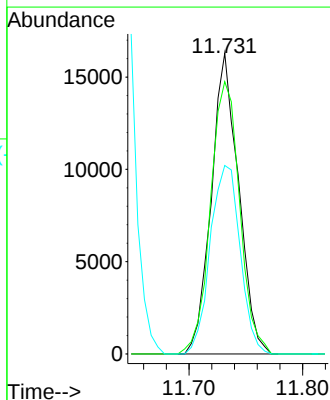
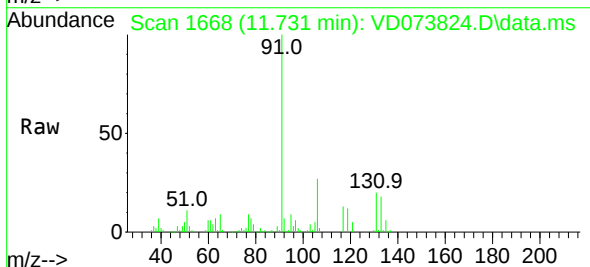
Manual Integrations
APPROVED

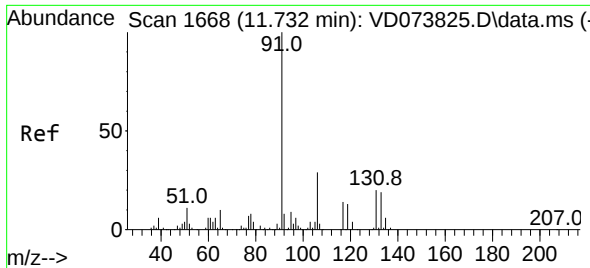
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.086 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:131 Resp: 27164
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.0
119 68.5 32.6 98.0





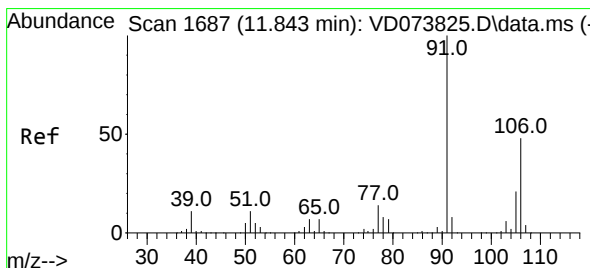
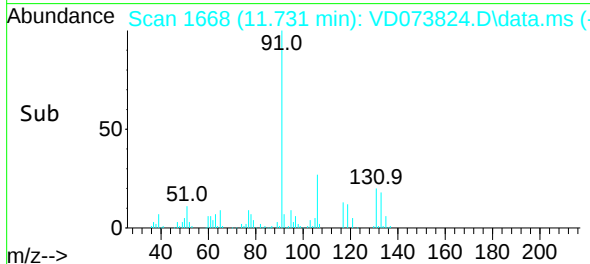
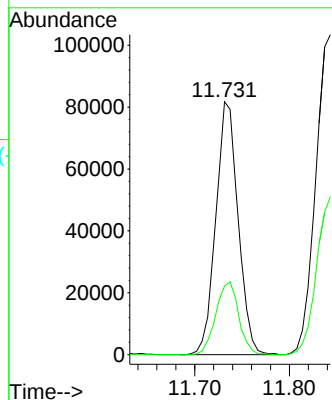
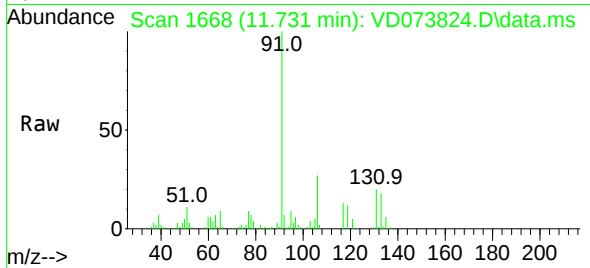
#67
Ethyl Benzene
Concen: 18.891 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 13380
Ion Ratio Lower Upper
91 100
106 27.1 23.2 34.8

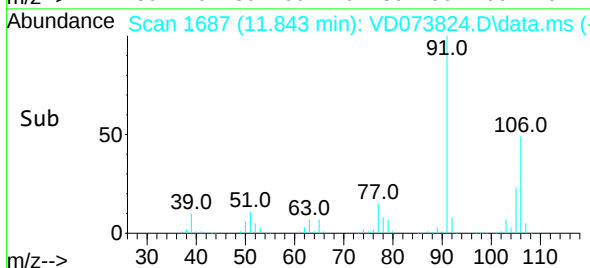
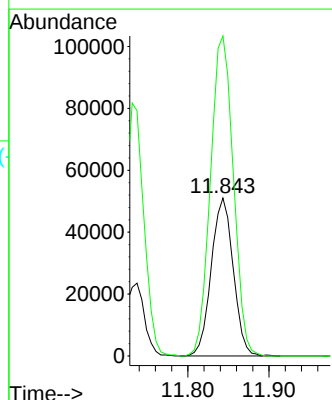
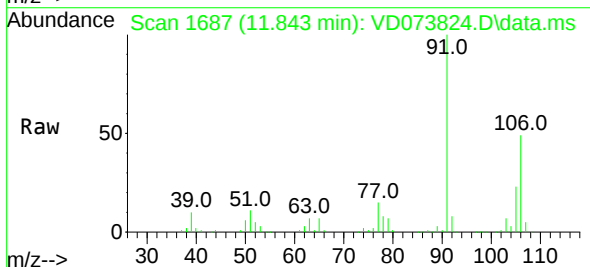
Manual Integrations
APPROVED

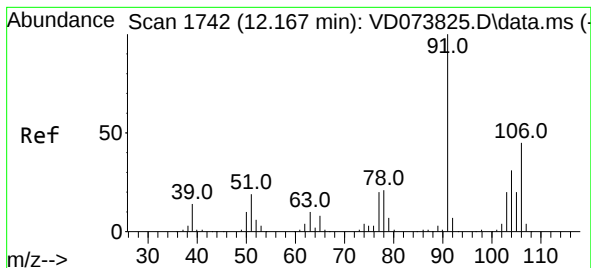
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#68
m/p-Xylenes
Concen: 35.897 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:106 Resp: 95903
Ion Ratio Lower Upper
106 100
91 211.1 167.0 250.4





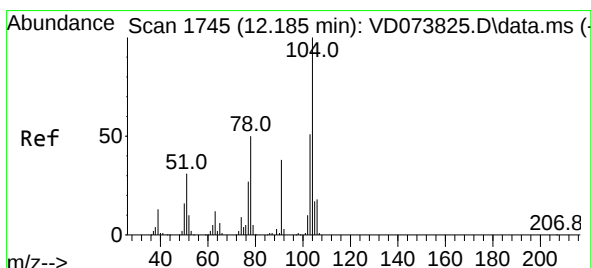
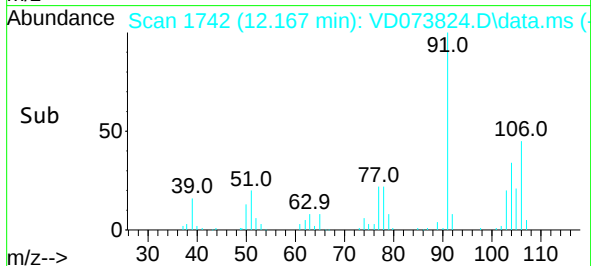
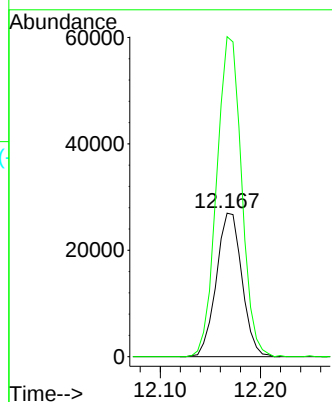
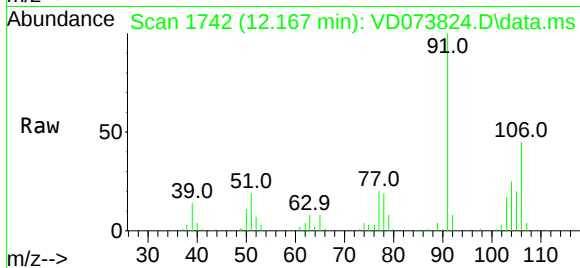
#69
o-Xylene
Concen: 18.593 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 216.8 110.4 331.2

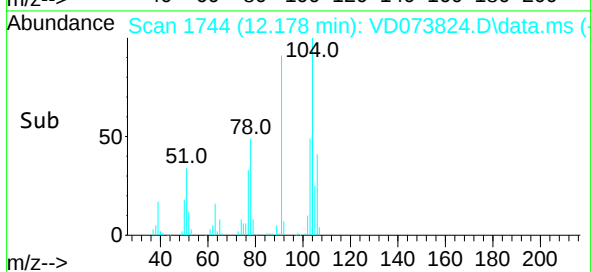
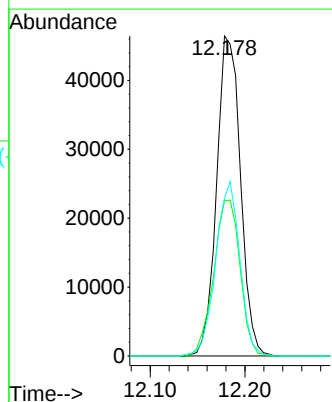
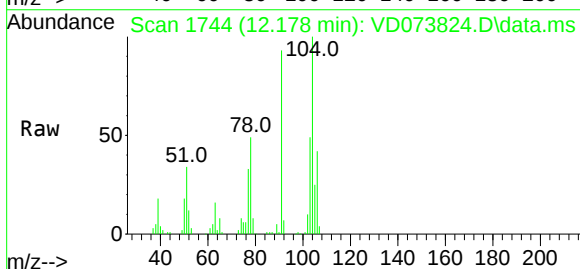
Manual Integrations
APPROVED

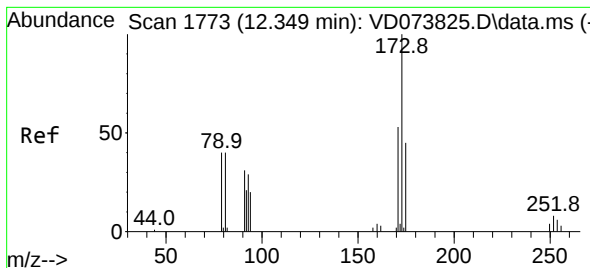
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#70
Styrene
Concen: 18.055 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:104 Resp: 81359
Ion Ratio Lower Upper
104 100
78 53.6 42.8 64.2
103 55.2 44.5 66.7





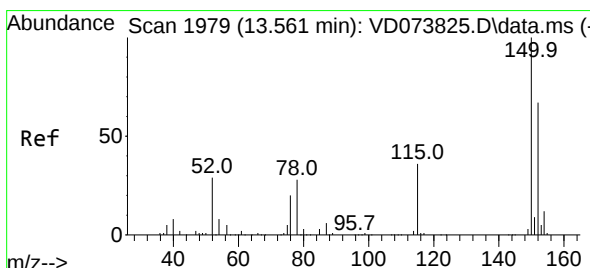
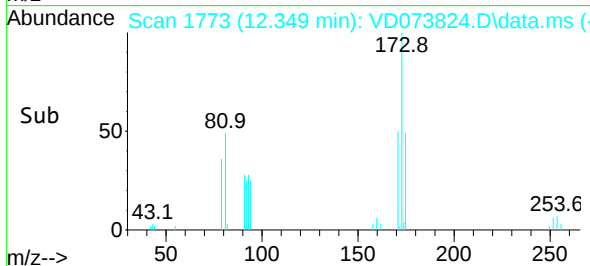
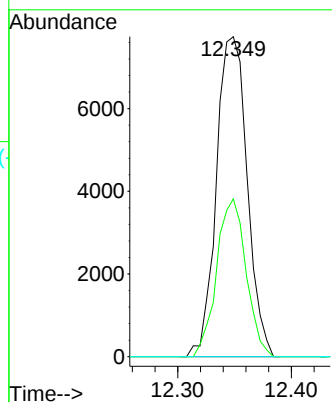
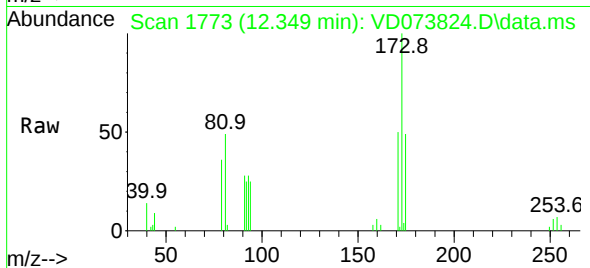
#71
Bromoform
Concen: 19.030 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 1455
Ion Ratio Lower Upper
173 100
175 47.1 23.4 70.0
254 0.0 0.0 0.0

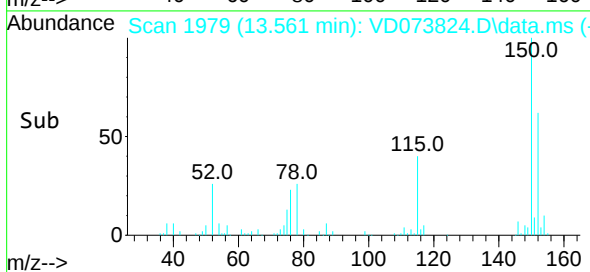
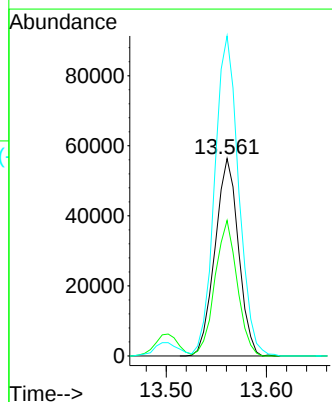
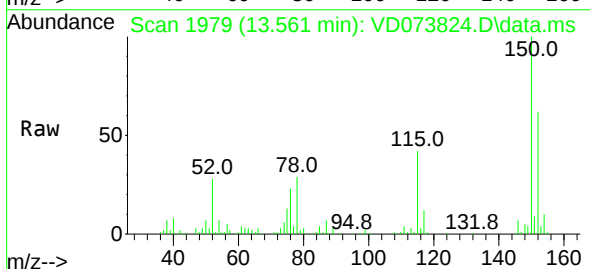
Manual Integrations
APPROVED

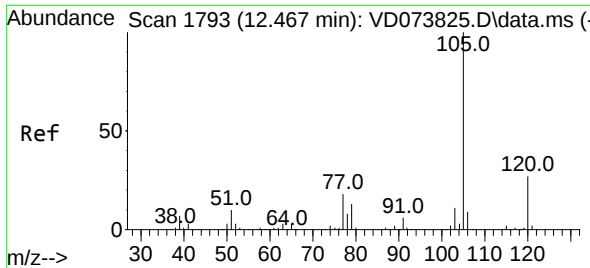
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

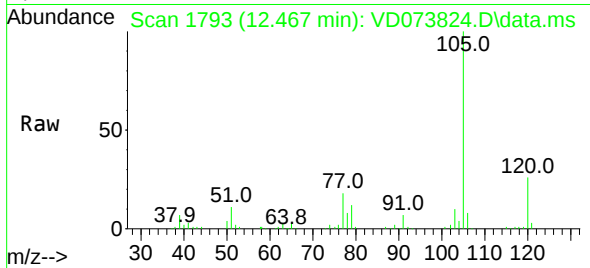
Tgt Ion:152 Resp: 91482
Ion Ratio Lower Upper
152 100
115 65.2 33.5 100.5
150 165.8 0.0 343.2





#73
Isopropylbenzene
Concen: 18.795 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

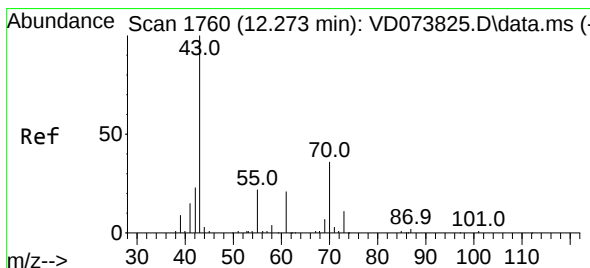
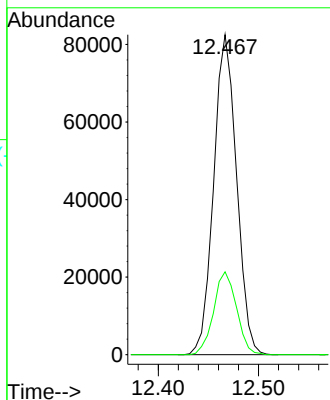
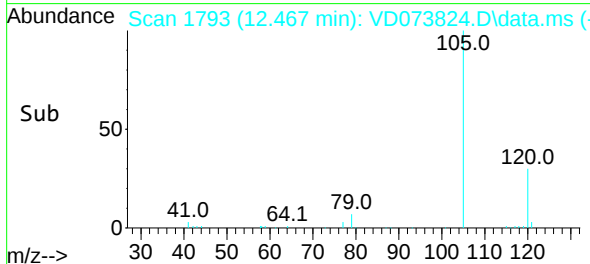
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



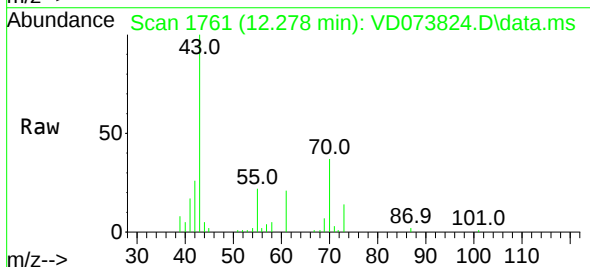
Tgt Ion:105 Resp: 130748
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

Manual Integrations
APPROVED

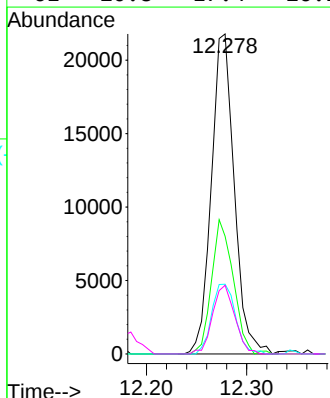
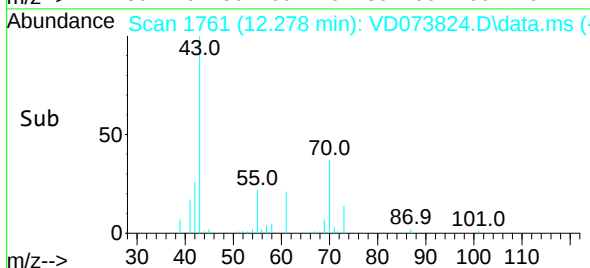
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

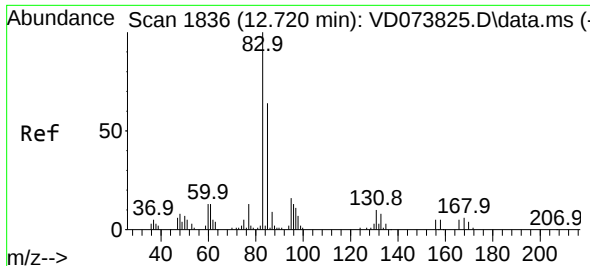


#74
N-ethyl acetate
Concen: 17.727 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



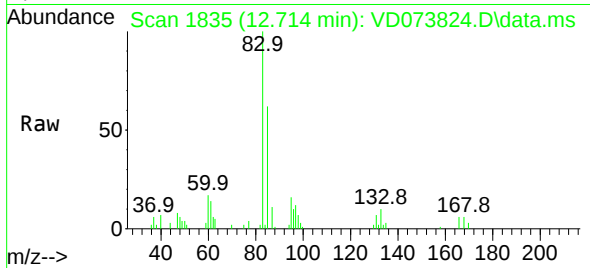
Tgt Ion: 43 Resp: 34603
Ion Ratio Lower Upper
43 100
70 39.8 30.0 45.0
55 22.6 17.4 26.0
61 20.8 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.957 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

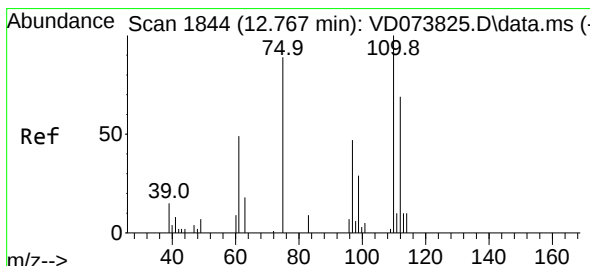
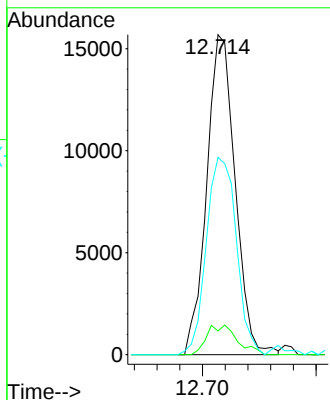
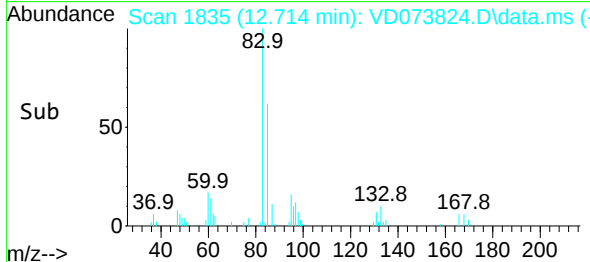
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 2726
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.0 32.5 97.4

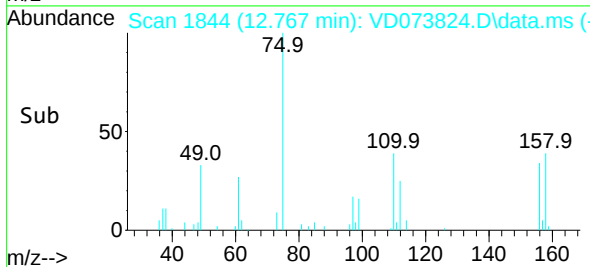
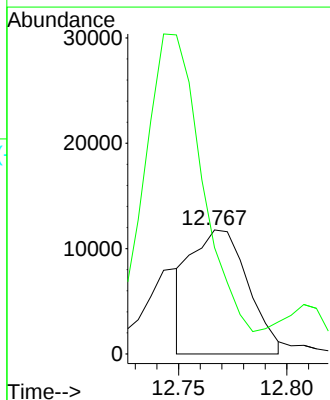
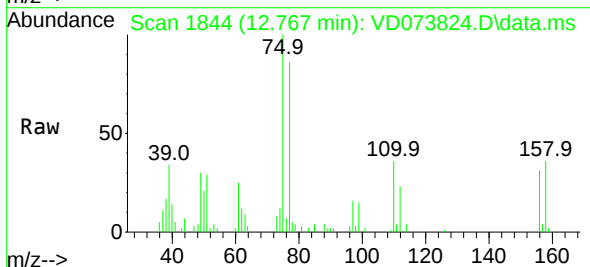
Manual Integrations
APPROVED

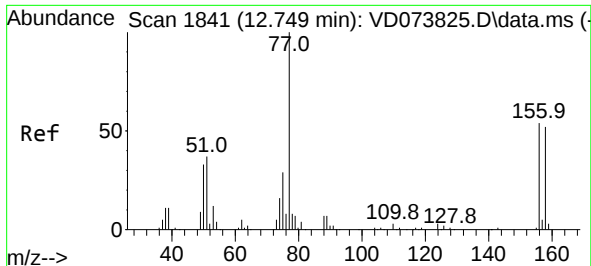
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#76
1,2,3-Trichloropropane
Concen: 20.993 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

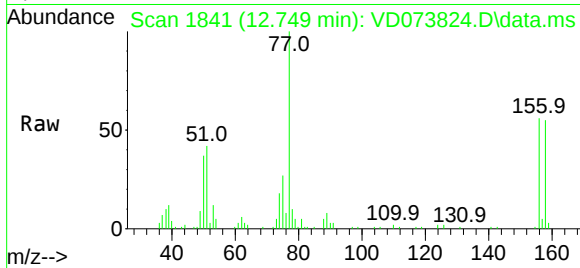
Tgt Ion: 75 Resp: 21586
Ion Ratio Lower Upper
75 100
77 0.0 138.0 414.0#





#77
Bromobenzene
Concen: 18.681 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

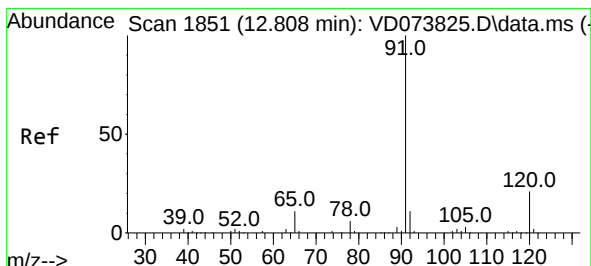
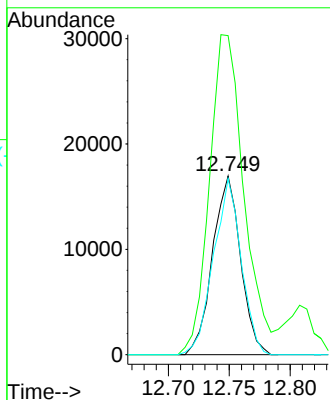
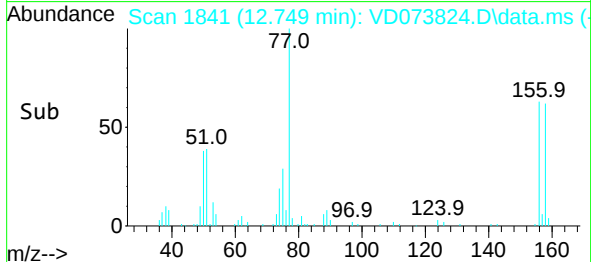
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



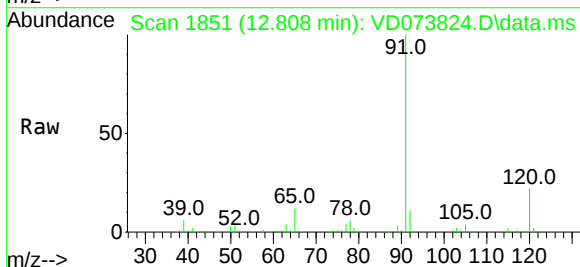
Tgt Ion:156 Resp: 2714
Ion Ratio Lower Upper
156 100
77 219.3 110.1 330.3
158 97.5 48.3 144.9

Manual Integrations
APPROVED

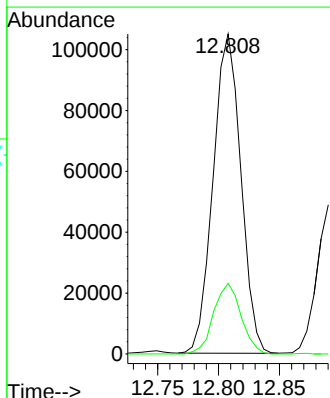
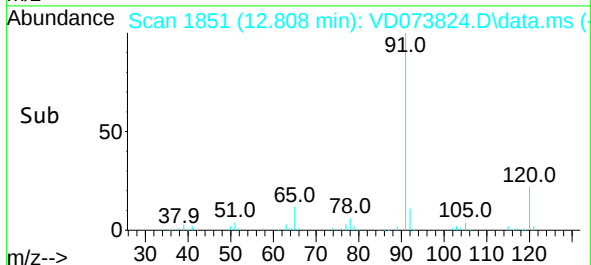
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

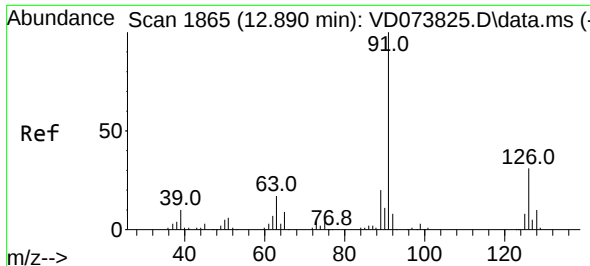


#78
n-propylbenzene
Concen: 18.956 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion: 91 Resp: 166290
Ion Ratio Lower Upper
91 100
120 21.8 10.5 31.6





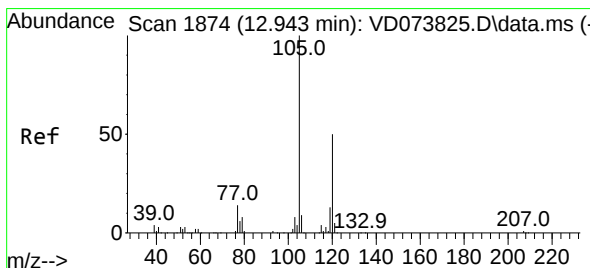
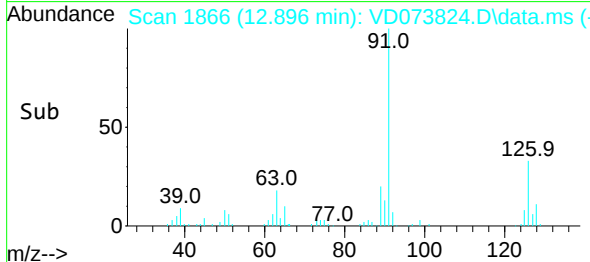
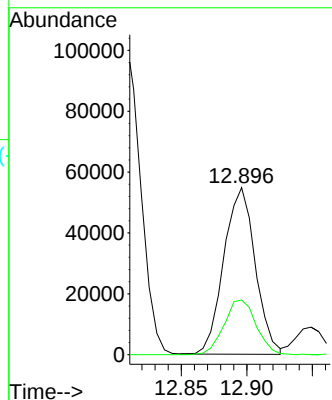
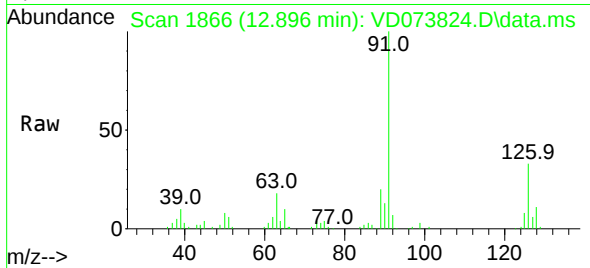
#79
2-Chlorotoluene
Concen: 18.404 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9122
Ion Ratio Lower Upper
91 100
126 33.6 15.9 47.7

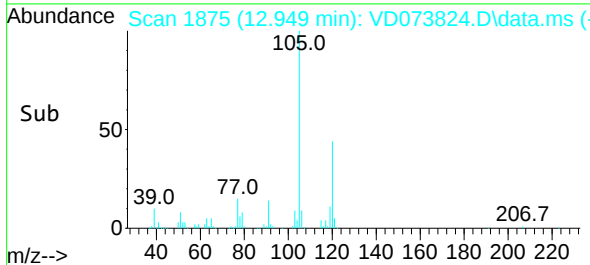
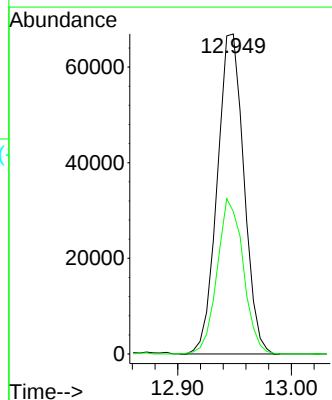
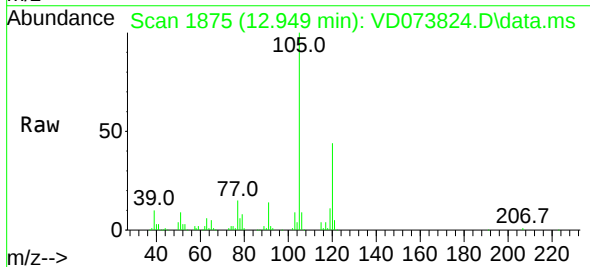
Manual Integrations
APPROVED

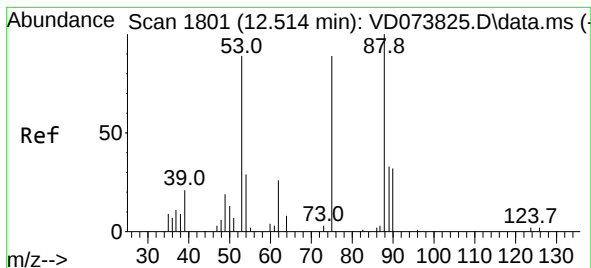
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.677 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

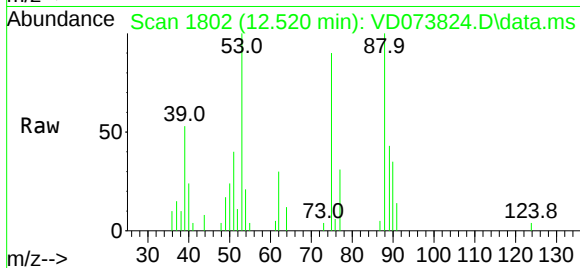
Tgt Ion:105 Resp: 108950
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.021 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

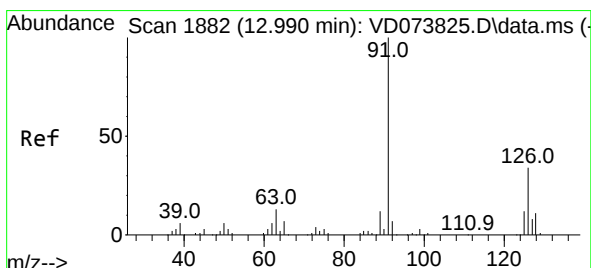
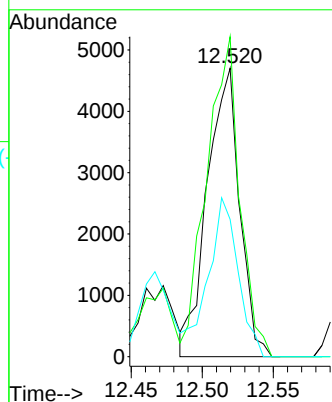
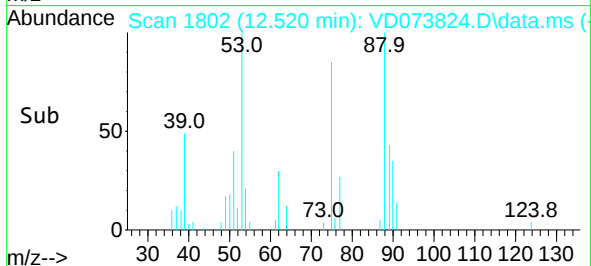
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



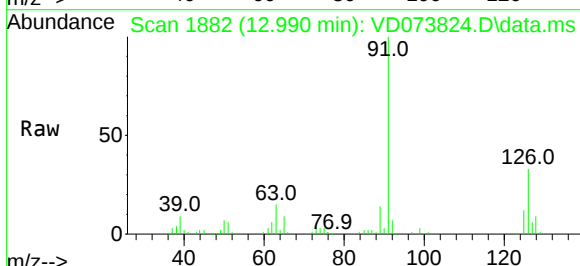
Tgt Ion: 75 Resp: 7449
Ion Ratio Lower Upper
75 100
53 113.1 79.3 118.9
89 51.2 34.8 52.2

Manual Integrations
APPROVED

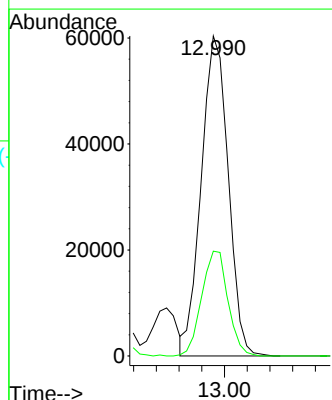
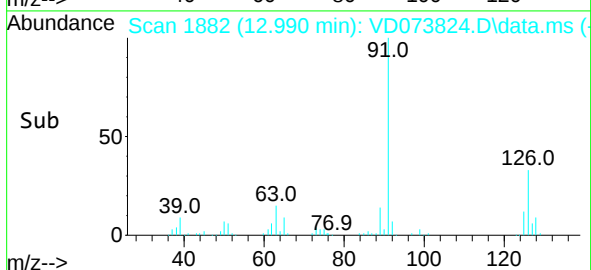
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

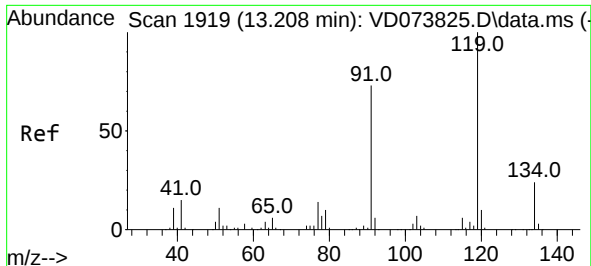


#82
4-Chlorotoluene
Concen: 19.128 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



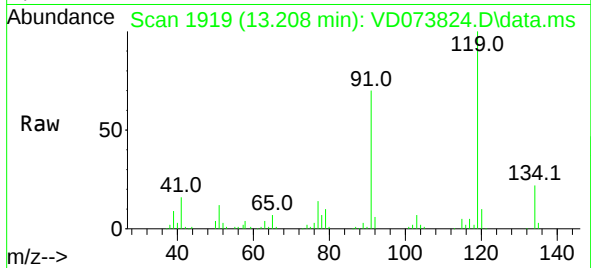
Tgt Ion: 91 Resp: 99599
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.5





#83
tert-Butylbenzene
Concen: 18.308 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

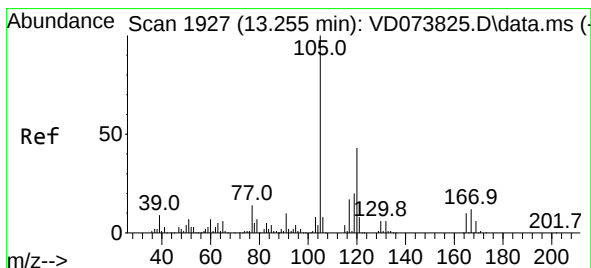
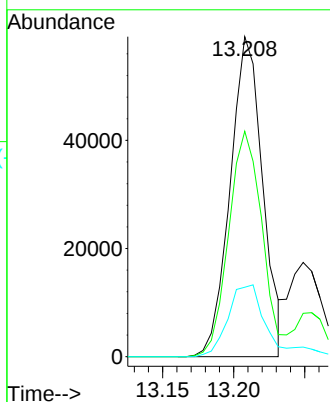
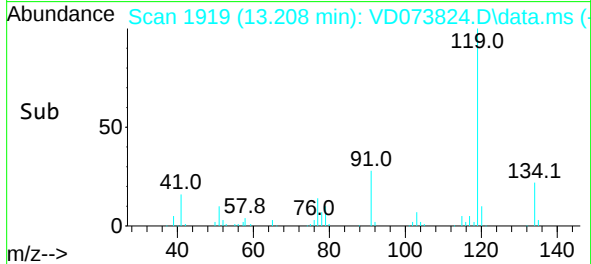
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



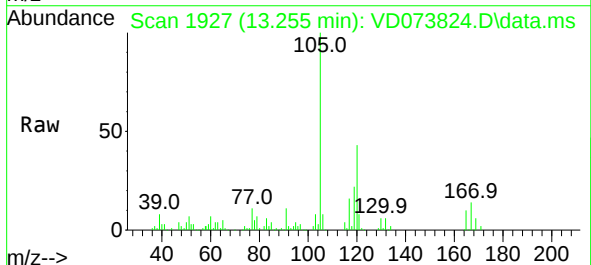
Tgt Ion:119 Resp: 94340
Ion Ratio Lower Upper
119 100
91 72.9 36.0 108.0
134 27.0 13.1 39.1

Manual Integrations
APPROVED

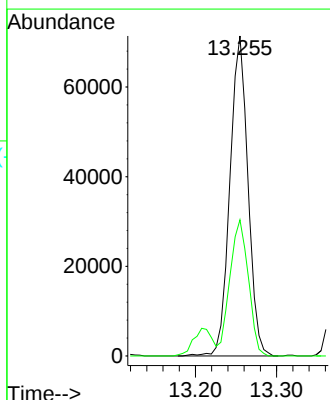
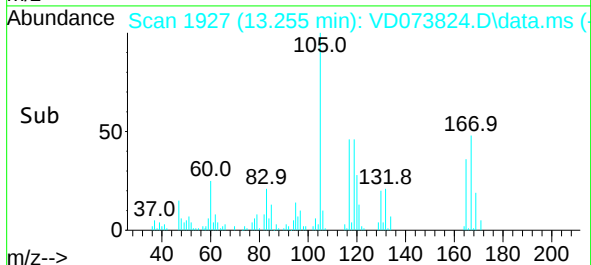
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

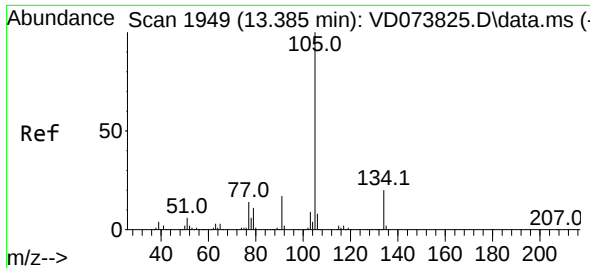


#84
1,2,4-Trimethylbenzene
Concen: 19.083 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion:105 Resp: 110259
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





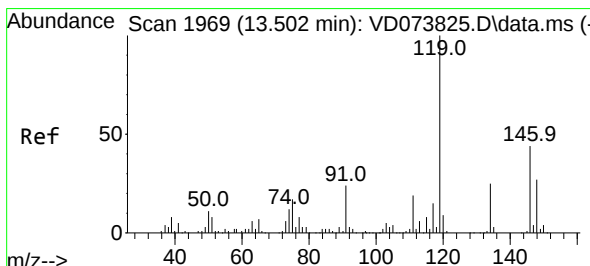
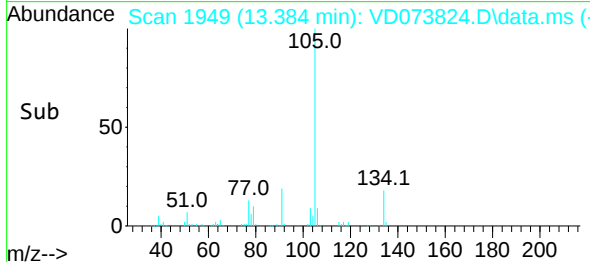
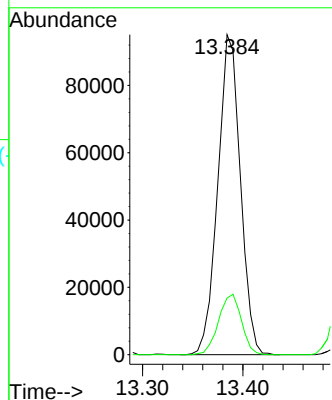
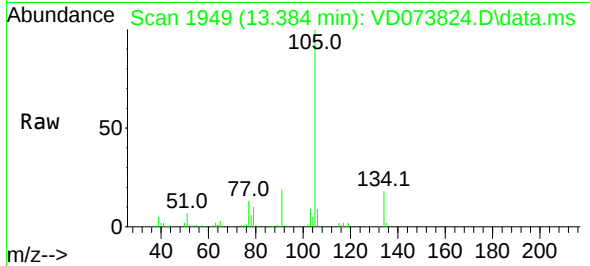
#85
 sec-Butylbenzene
 Concen: 18.728 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 14860
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

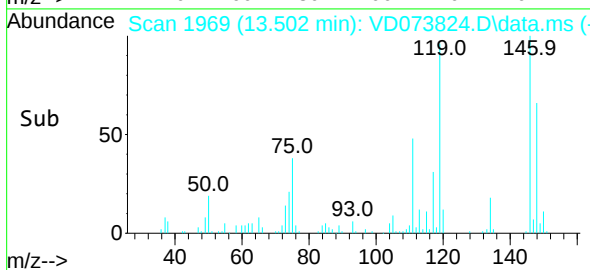
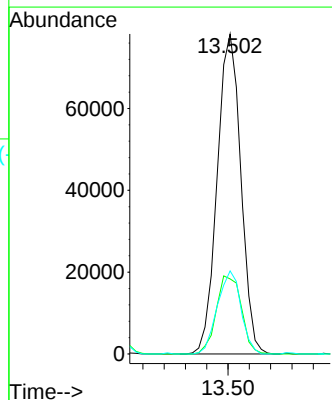
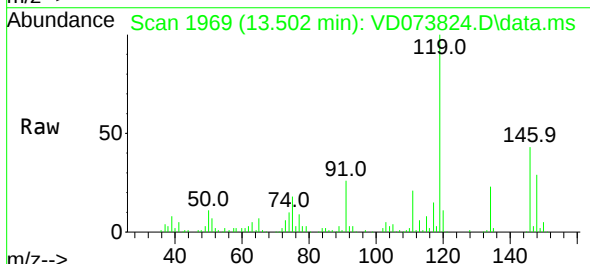
Manual Integrations
 APPROVED

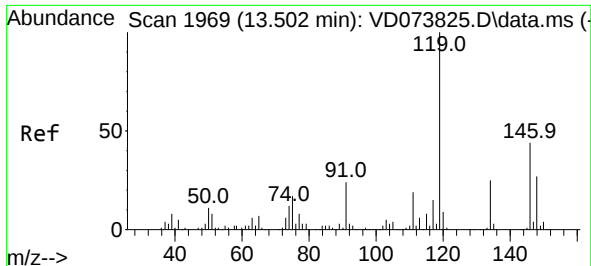
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#86
 p-Isopropyltoluene
 Concen: 19.008 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Tgt Ion:119 Resp: 120472
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.106 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 58259

Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.4

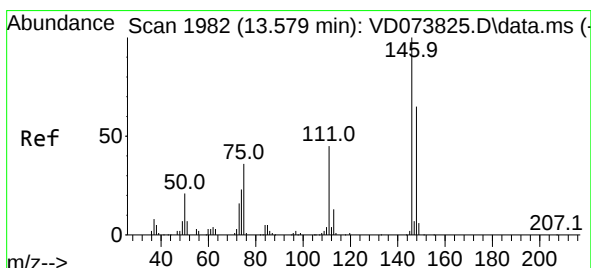
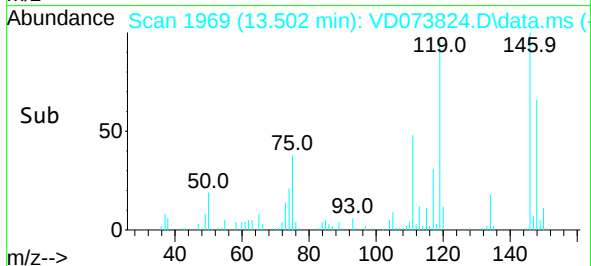
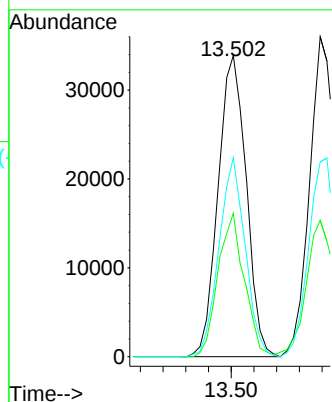
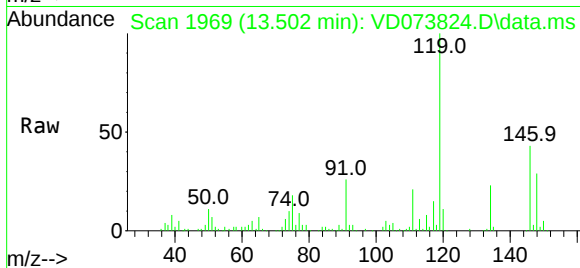
148 61.7 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#88

1,4-Dichlorobenzene

Concen: 18.748 ug/l

RT: 13.578 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

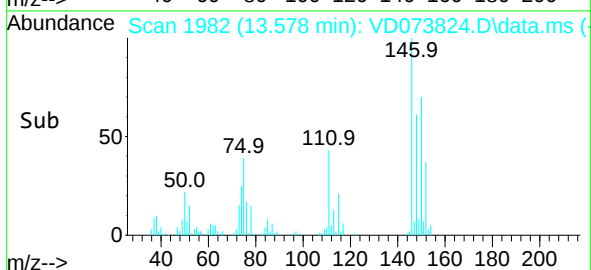
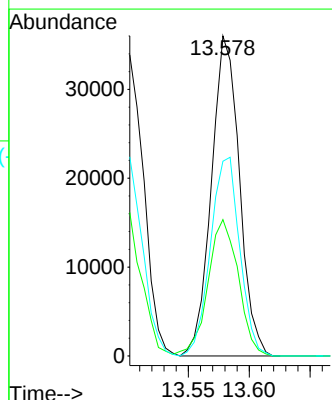
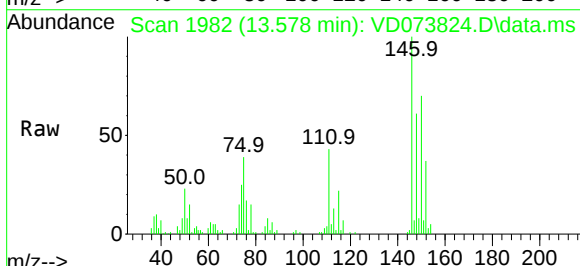
Tgt Ion:146 Resp: 57692

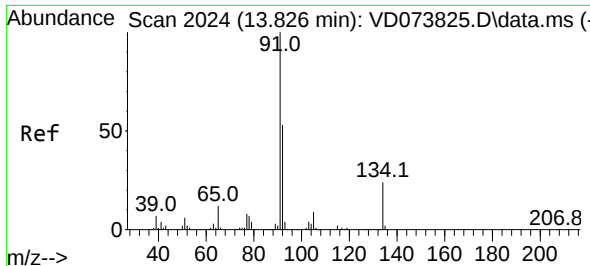
Ion Ratio Lower Upper

146 100

111 46.2 21.9 65.7

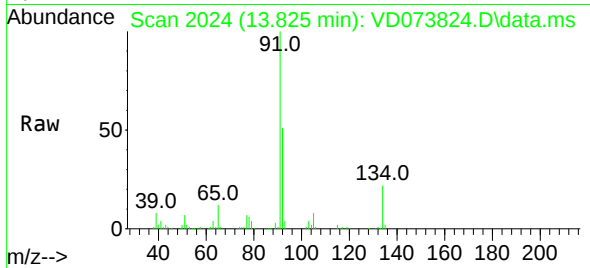
148 64.9 32.4 97.0





#89
n-Butylbenzene
Concen: 18.962 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

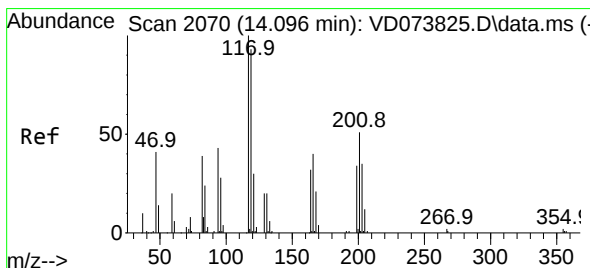
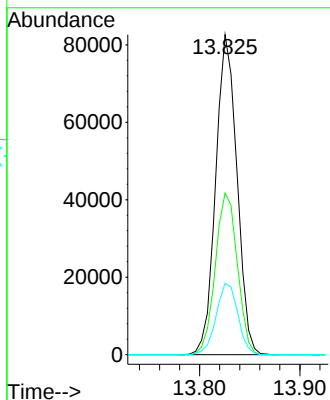
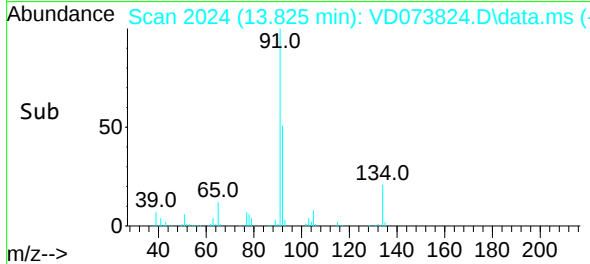
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 12153
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 22.9 11.6 34.7

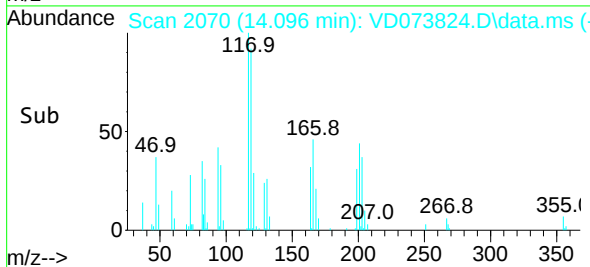
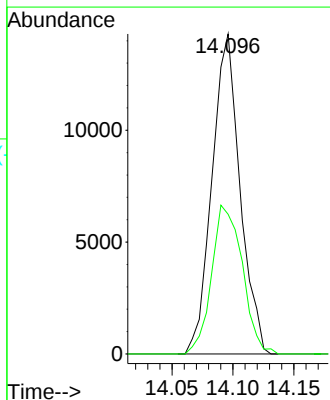
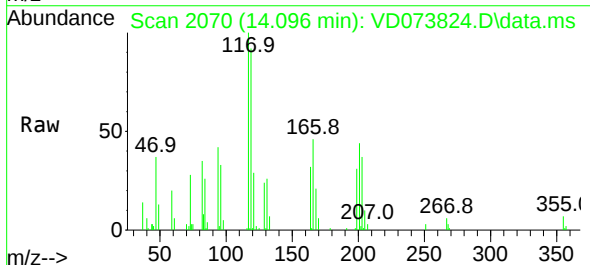
Manual Integrations
APPROVED

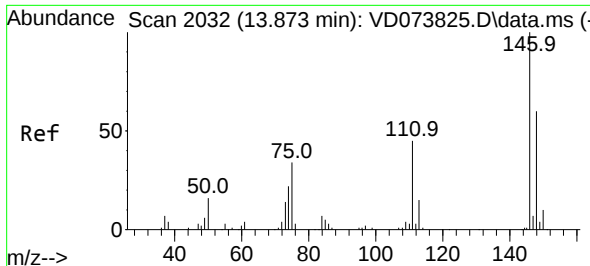
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#90
Hexachloroethane
Concen: 18.128 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:117 Resp: 22925
Ion Ratio Lower Upper
117 100
201 50.7 26.7 80.0





#91

1,2-Dichlorobenzene

Concen: 18.653 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 50230

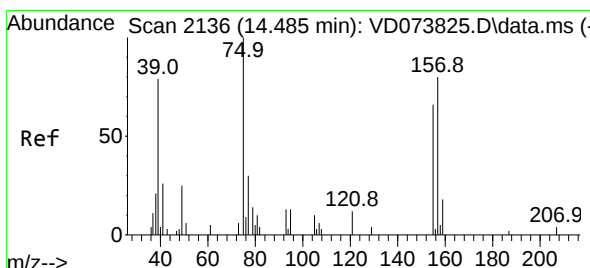
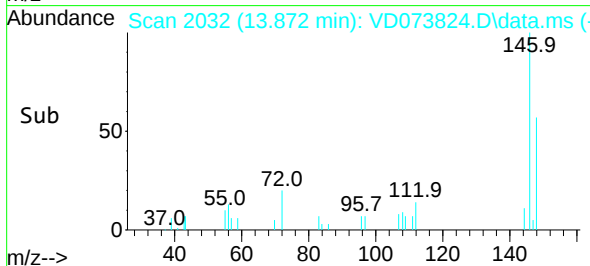
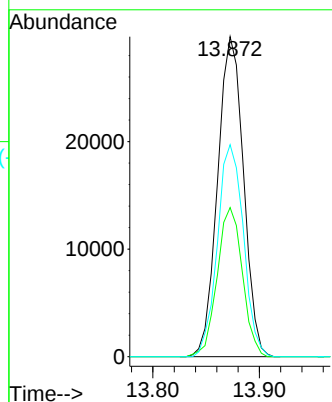
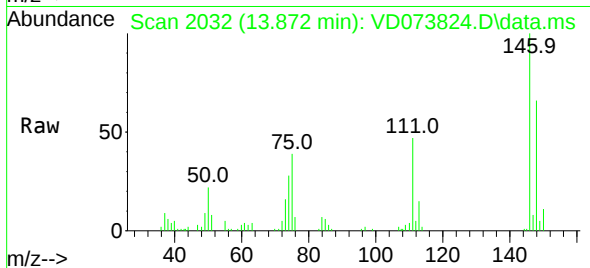
Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.8	68.4
148	66.6	30.6	91.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.442 ug/l

RT: 14.484 min Scan# 2136

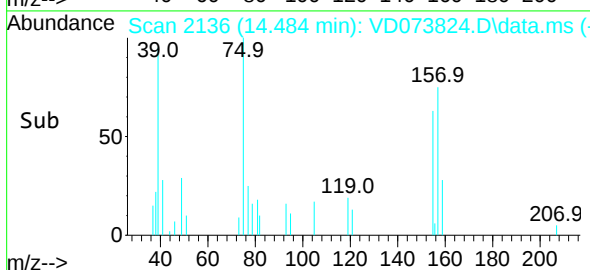
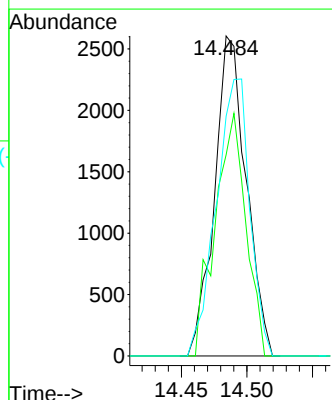
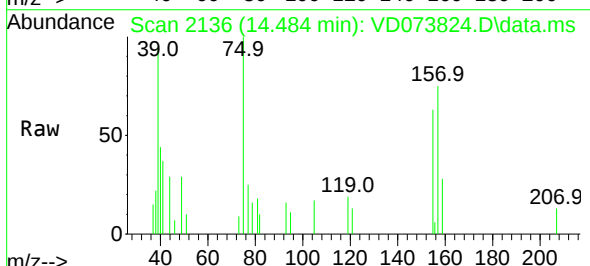
Delta R.T. -0.000 min

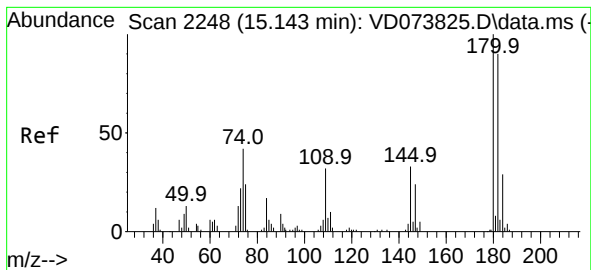
Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion: 75 Resp: 4380

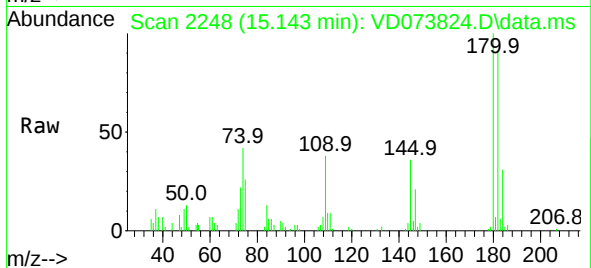
Ion	Ratio	Lower	Upper
75	100		
155	73.7	35.7	107.1
157	91.8	46.7	140.1





#93
1,2,4-Trichlorobenzene
Concen: 18.181 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

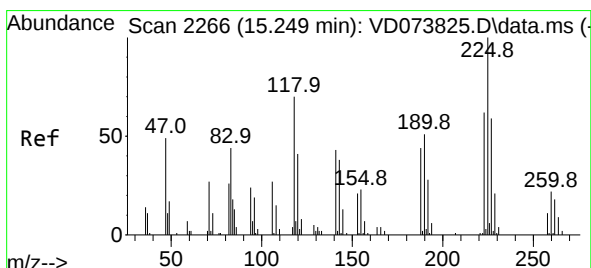
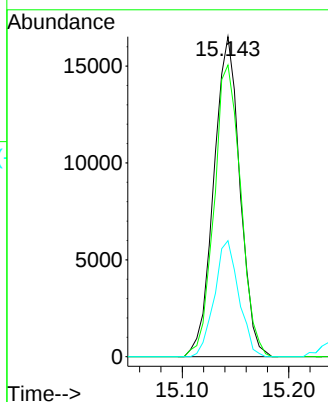
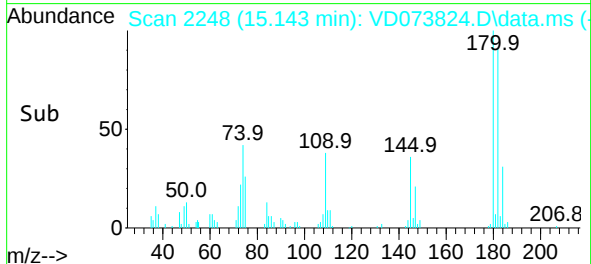
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



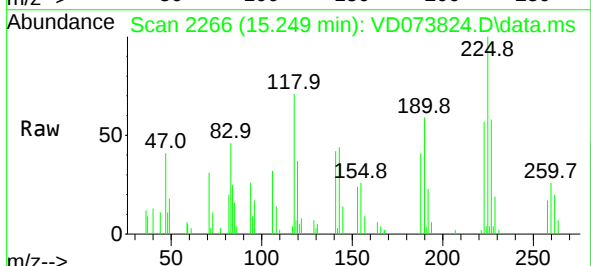
Tgt Ion:180 Resp: 28150
Ion Ratio Lower Upper
180 100
182 92.7 46.9 140.8
145 33.8 17.0 51.0

Manual Integrations
APPROVED

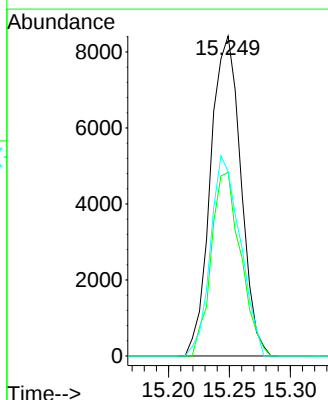
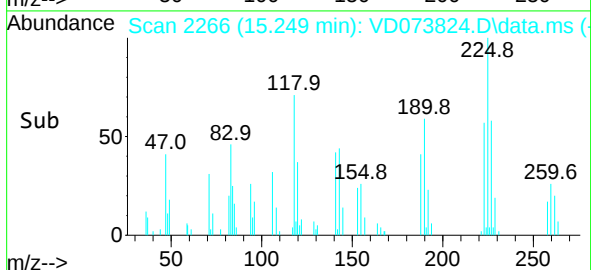
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

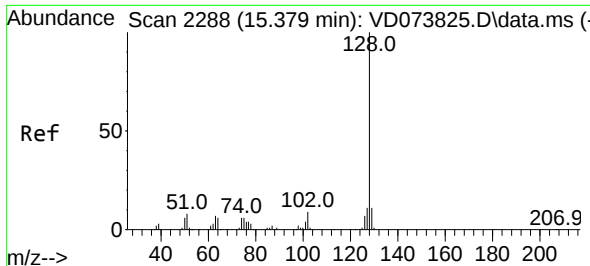


#94
Hexachlorobutadiene
Concen: 19.497 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



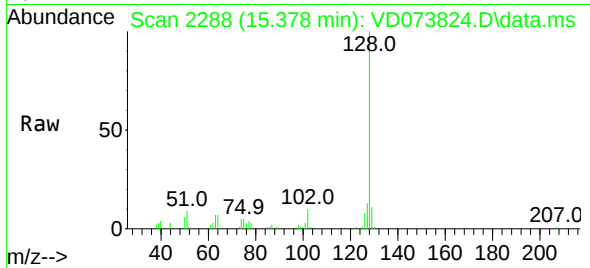
Tgt Ion:225 Resp: 14569
Ion Ratio Lower Upper
225 100
223 55.9 31.8 95.3
227 61.4 31.4 94.2





#95
Naphthalene
Concen: 17.324 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

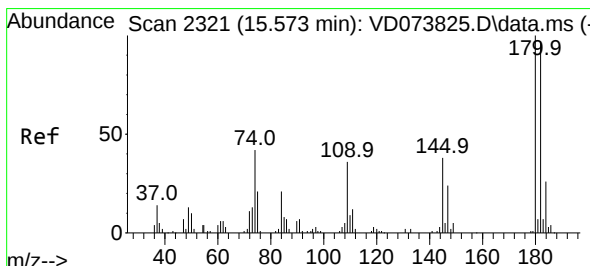
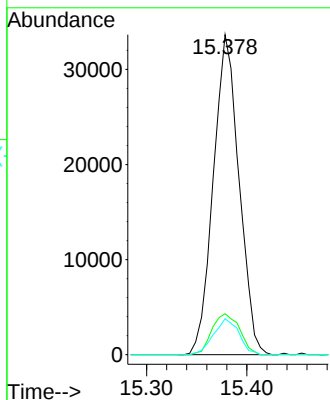
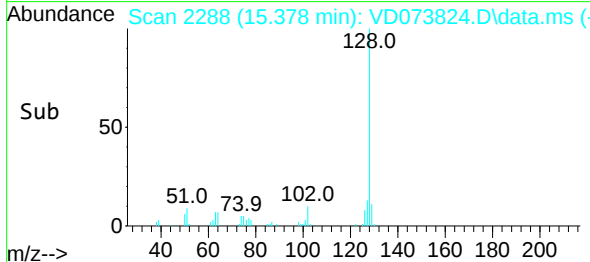
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



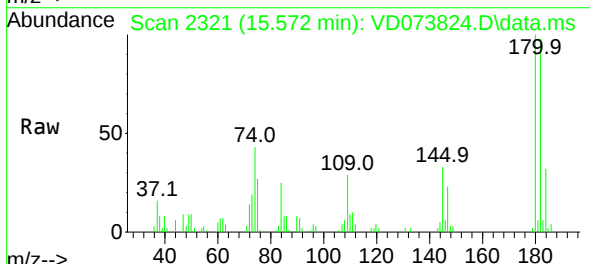
Tgt Ion:128 Resp: 59818
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.153 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38



Tgt Ion:180 Resp: 24698
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.3
145 38.5 18.9 56.9

