

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075398.D
 Acq On : 22 Feb 2023 13:44
 Operator : KP/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Quant Time: Feb 22 22:37:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	55662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	91632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	85709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25221	52.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.600%
35) Dibromofluoromethane	7.810	113	26749	49.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.269	98	88062	44.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.575	95	31397	47.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14266	22.926	ug/l	96
3) Chloromethane	2.146	50	20511	22.528	ug/l	94
4) Vinyl Chloride	2.281	62	20674	21.390	ug/l	90
5) Bromomethane	2.681	94	11667	21.258	ug/l	99
6) Chloroethane	2.828	64	13392	20.051	ug/l	94
7) Trichlorofluoromethane	3.175	101	23723	20.897	ug/l	94
8) Diethyl Ether	3.593	74	5872	22.215	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	13671	21.129	ug/l	98
10) Methyl Iodide	4.163	142	11934	20.608	ug/l	95
11) Tert butyl alcohol	5.046	59	3198	74.141	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	12898	21.382	ug/l	96
13) Acrolein	3.799	56	1894	142.149	ug/l	92
14) Allyl chloride	4.569	41	20167	21.142	ug/l	97
15) Acrylonitrile	5.263	53	14106	110.532	ug/l	97
16) Acetone	4.028	43	12581	87.333	ug/l	93
17) Carbon Disulfide	4.275	76	42189	19.858	ug/l	97
18) Methyl Acetate	4.569	43	10109	22.394	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	25519	20.895	ug/l	99
20) Methylene Chloride	4.799	84	17520	21.795	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	13856	20.550	ug/l	88
22) Diisopropyl ether	6.210	45	39128	21.475	ug/l	92
23) Vinyl Acetate	6.152	43	61570	116.558	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	25033	20.922	ug/l	94
25) 2-Butanone	7.093	43	17775	98.943	ug/l #	89
26) 2,2-Dichloropropane	7.081	77	20877	20.062	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14988	20.896	ug/l	98
28) Bromochloromethane	7.422	49	6388	24.263	ug/l #	99
29) Tetrahydrofuran	7.452	42	11156	110.101	ug/l	96
30) Chloroform	7.599	83	25095	20.885	ug/l	93
31) Cyclohexane	7.875	56	23386	20.701	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	23209	20.984	ug/l	97
36) 1,1-Dichloropropene	8.016	75	19897	20.408	ug/l	98
37) Ethyl Acetate	7.163	43	7821	20.497	ug/l #	95
38) Carbon Tetrachloride	7.999	117	18614	19.055	ug/l	95
39) Methylcyclohexane	9.275	83	22448	19.534	ug/l	98
40) Benzene	8.252	78	55358	20.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4668	21.331	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	16306	21.880	ug/l	100
43) Isopropyl Acetate	8.363	43	15160	21.146	ug/l #	83
44) Trichloroethene	9.028	130	14740	20.615	ug/l	98
45) 1,2-Dichloropropane	9.304	63	14210	21.832	ug/l	99
46) Dibromomethane	9.399	93	7407	20.900	ug/l	95
47) Bromodichloromethane	9.587	83	18920	20.979	ug/l	89
48) Methyl methacrylate	9.387	41	7654	21.237	ug/l	95
49) 1,4-Dioxane	9.381	88	1404	453.492	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	38833	106.952	ug/l	97
52) Toluene	10.334	92	34565	21.035	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	16006	21.678	ug/l #	88
54) cis-1,3-Dichloropropene	10.022	75	19205	21.455	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	9491	20.671	ug/l	97
56) Ethyl methacrylate	10.598	69	10437	20.428	ug/l	99
57) 1,3-Dichloropropane	10.881	76	16253	20.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	13384	121.330	ug/l	98
59) 2-Hexanone	10.922	43	25685	100.248	ug/l	97
60) Dibromochloromethane	11.075	129	12412	21.144	ug/l	97
61) 1,2-Dibromoethane	11.181	107	9345	21.465	ug/l	97
64) Tetrachloroethene	10.810	164	12349	20.129	ug/l	94
65) Chlorobenzene	11.610	112	36140	20.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	12798	19.660	ug/l	95
67) Ethyl Benzene	11.687	91	64364	19.798	ug/l	97
68) m/p-Xylenes	11.798	106	51305	40.259	ug/l	99
69) o-Xylene	12.122	106	23733	20.335	ug/l	100
70) Styrene	12.140	104	38769	19.903	ug/l	98
71) Bromoform	12.298	173	7355	22.046	ug/l #	98
73) Isopropylbenzene	12.422	105	62059	20.106	ug/l	100
74) N-amyl acetate	12.234	43	13279	20.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10961	21.190	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	13219	44.602	ug/l #	100
77) Bromobenzene	12.704	156	14404	20.647	ug/l	99
78) n-propylbenzene	12.769	91	78330	20.282	ug/l	99
79) 2-Chlorotoluene	12.851	91	42801	20.523	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	52970	20.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2237	21.419	ug/l	95
82) 4-Chlorotoluene	12.951	91	44384	20.172	ug/l	99
83) tert-Butylbenzene	13.169	119	44294	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52091	20.646	ug/l	100
85) sec-Butylbenzene	13.351	105	68268	20.012	ug/l	99
86) p-Isopropyltoluene	13.463	119	56967	20.555	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29588	20.592	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	29037	20.598	ug/l	98
89) n-Butylbenzene	13.792	91	54522	19.998	ug/l	99
90) Hexachloroethane	14.057	117	11701	21.047	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	25169	20.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1608	21.458	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	13923	19.005	ug/l	97
94) Hexachlorobutadiene	15.204	225	7987	18.836	ug/l	99
95) Naphthalene	15.333	128	26087	20.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	12297	19.852	ug/l	96

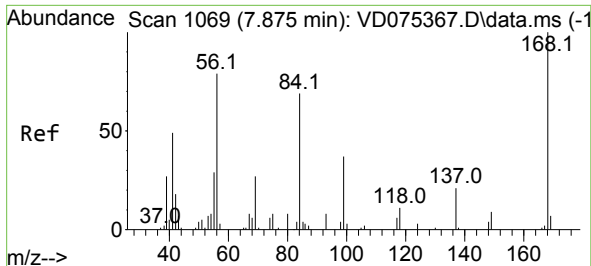
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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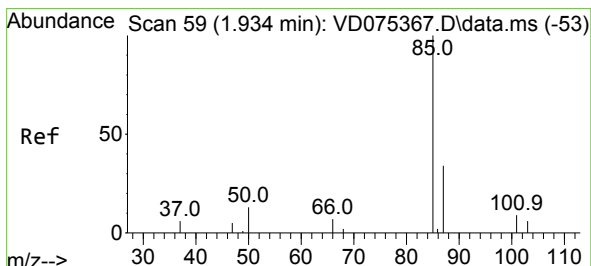
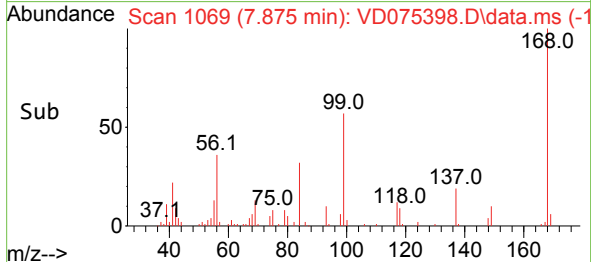
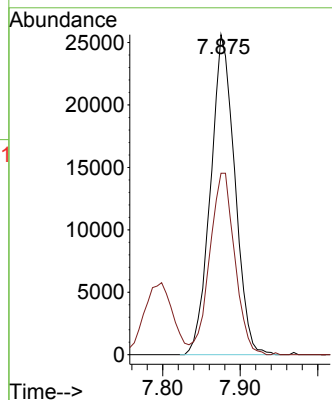
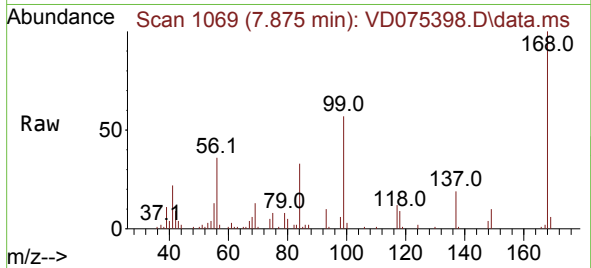
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

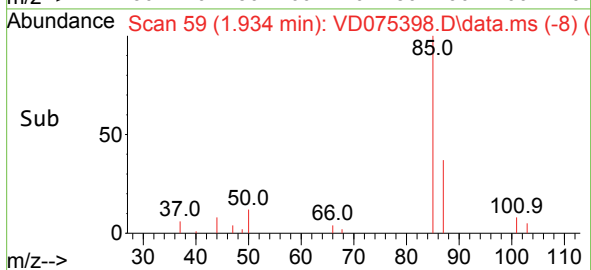
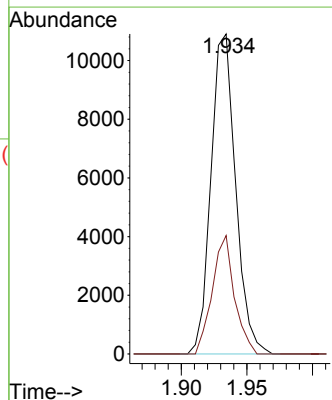
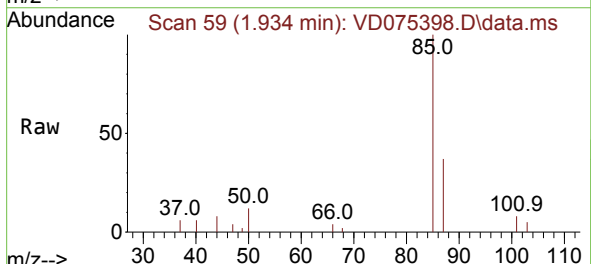
Instrument :
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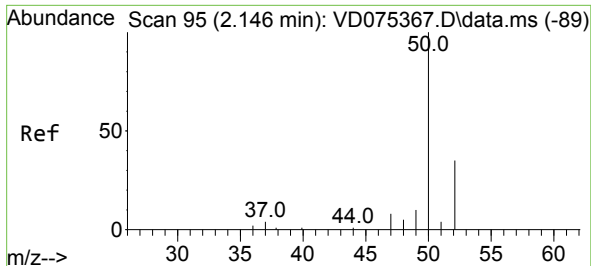
Tgt Ion:168 Resp: 55662
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 22.926 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 85 Resp: 14266
Ion Ratio Lower Upper
85 100
87 37.0 17.3 51.7

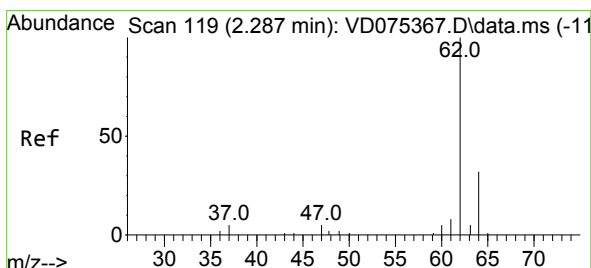
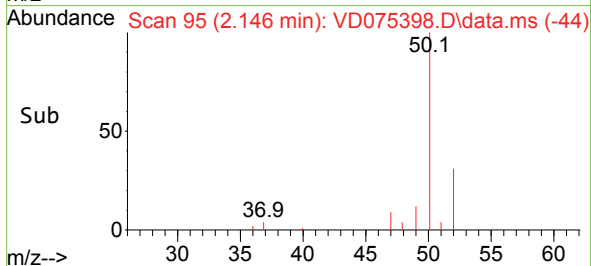
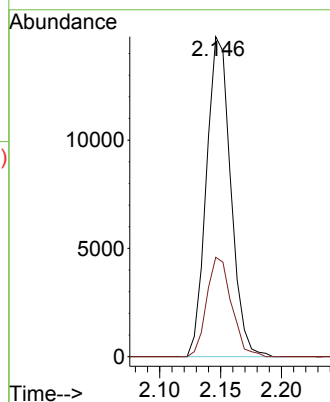
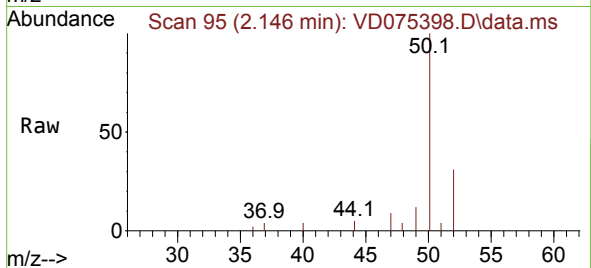




#3
Chloromethane
Concen: 22.528 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

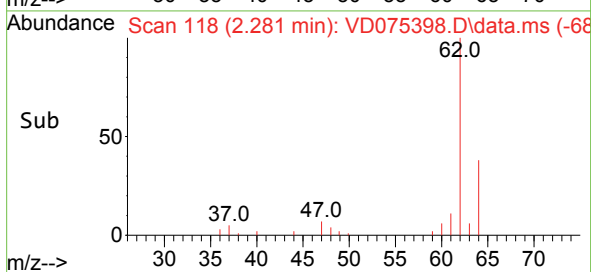
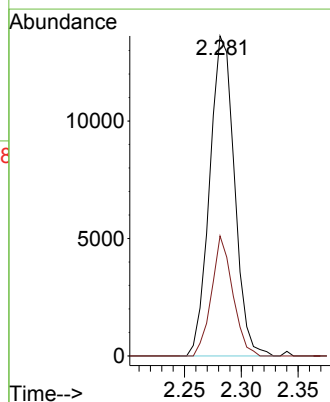
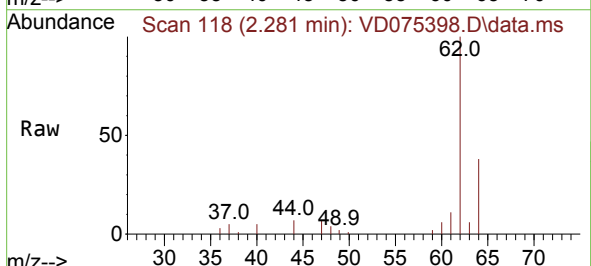
Instrument :
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ClientSampleId :
VD0222SBSD01

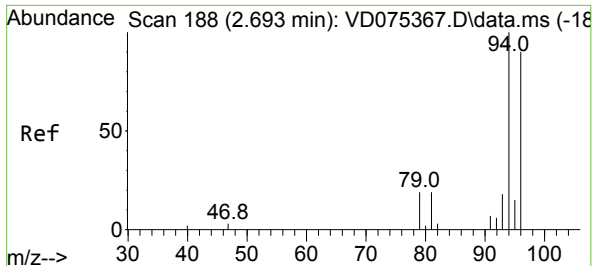
Tgt Ion: 50 Resp: 20511
Ion Ratio Lower Upper
50 100
52 31.0 27.8 41.8



#4
Vinyl Chloride
Concen: 21.390 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 62 Resp: 20674
Ion Ratio Lower Upper
62 100
64 37.5 25.4 38.0

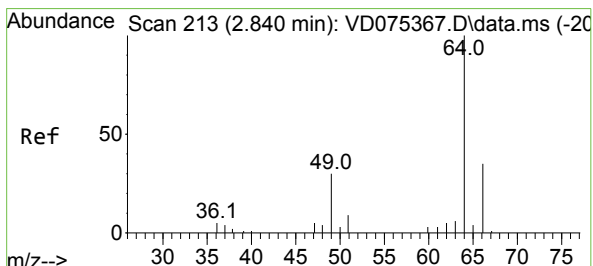
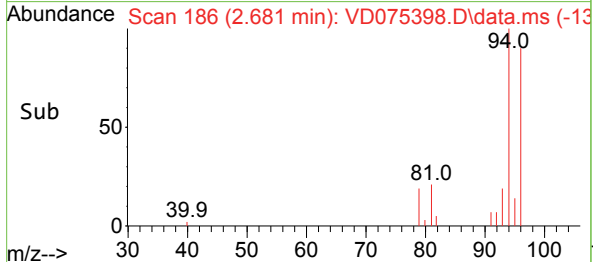
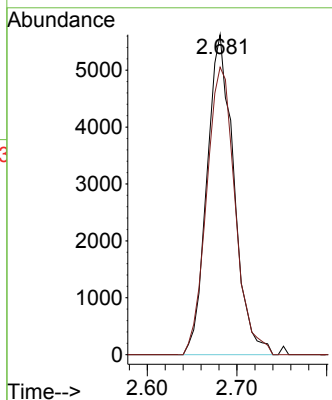
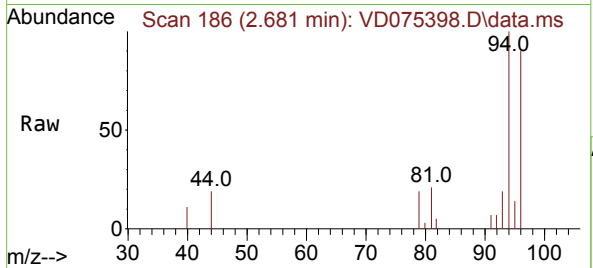




#5
Bromomethane
Concen: 21.258 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

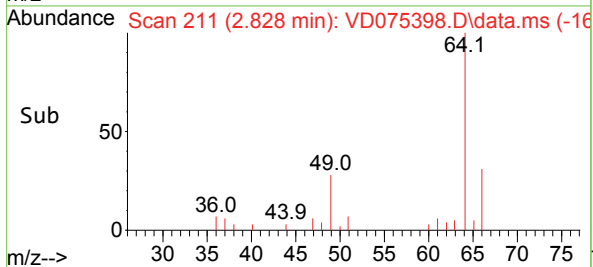
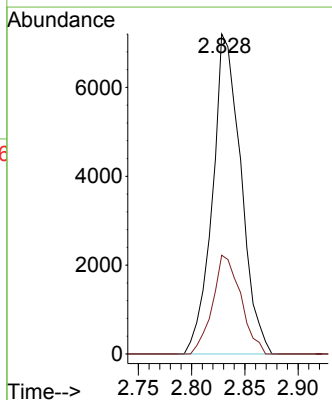
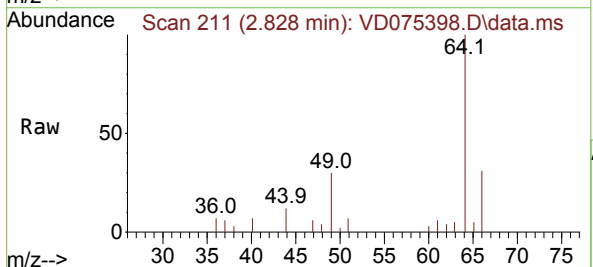
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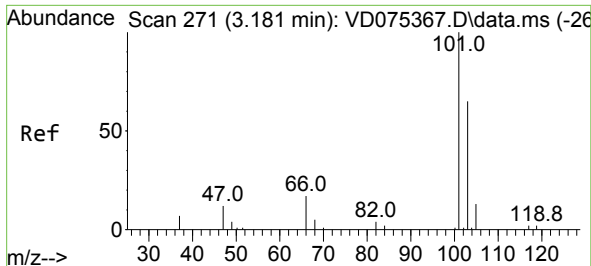
Tgt Ion: 94 Resp: 11667
Ion Ratio Lower Upper
94 100
96 95.6 77.5 116.3



#6
Chloroethane
Concen: 20.051 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 64 Resp: 13392
Ion Ratio Lower Upper
64 100
66 30.9 27.7 41.5

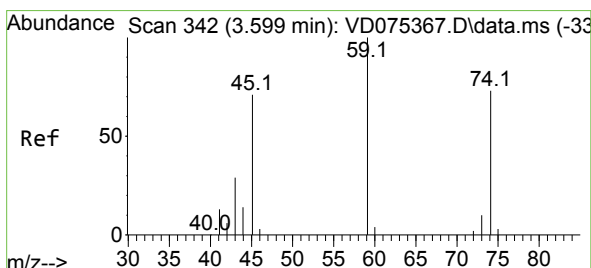
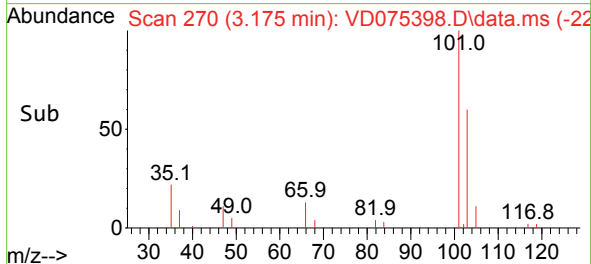
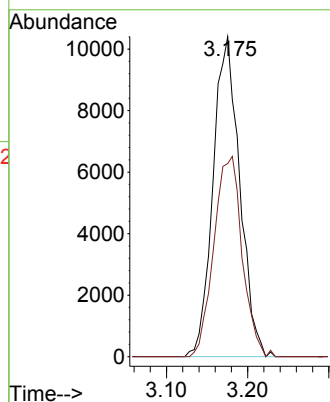
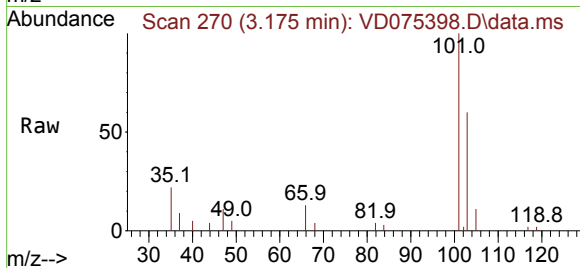




#7
Trichlorofluoromethane
Concen: 20.897 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075398.D
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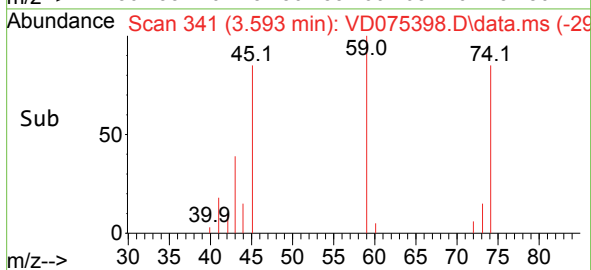
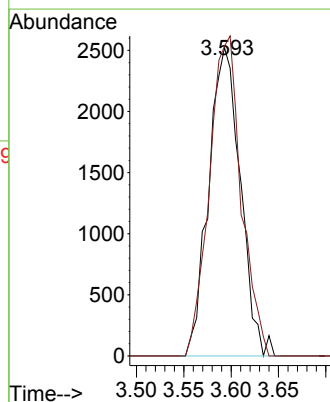
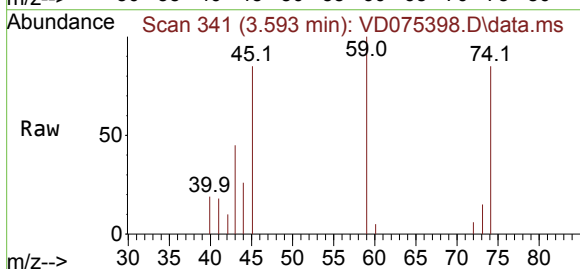
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ClientSampleId :
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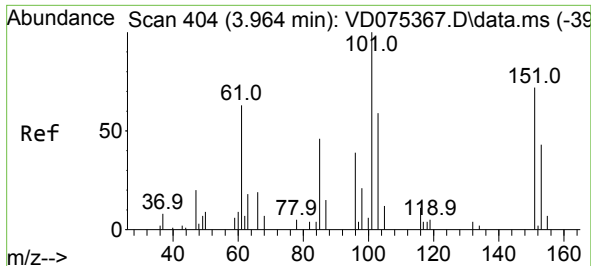
Tgt Ion:101 Resp: 23723
Ion Ratio Lower Upper
101 100
103 60.3 51.9 77.9



#8
Diethyl Ether
Concen: 22.215 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 74 Resp: 5872
Ion Ratio Lower Upper
74 100
45 104.2 50.9 152.7

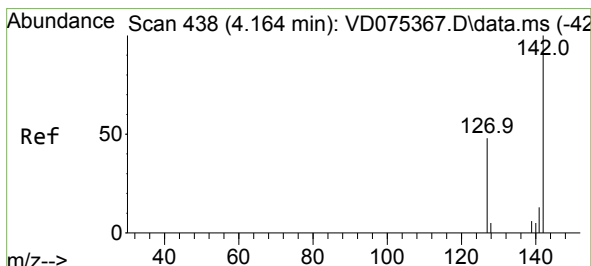
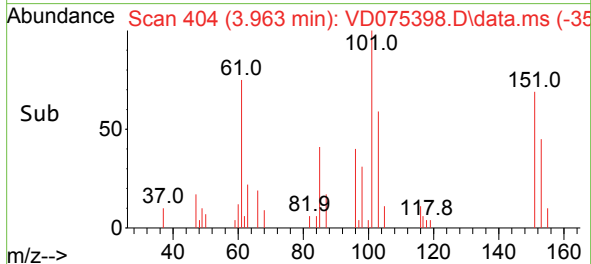
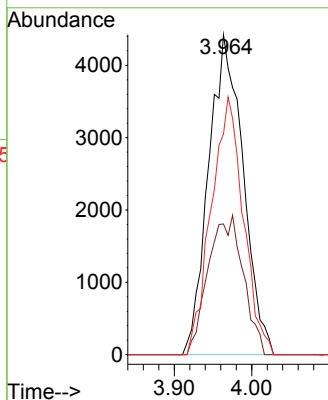
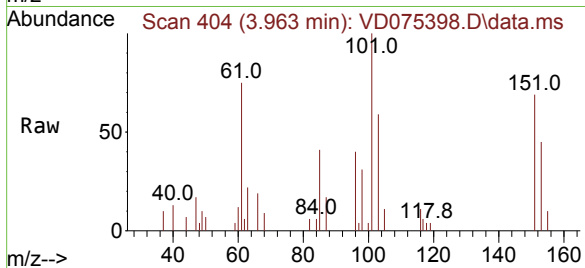




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.129 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

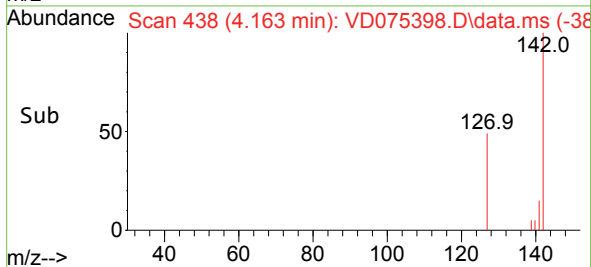
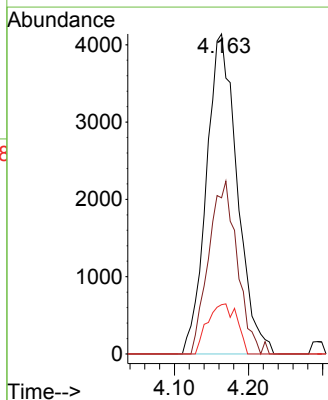
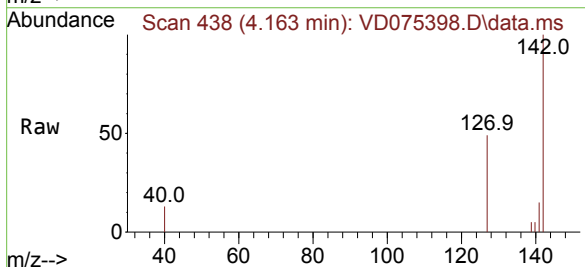
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

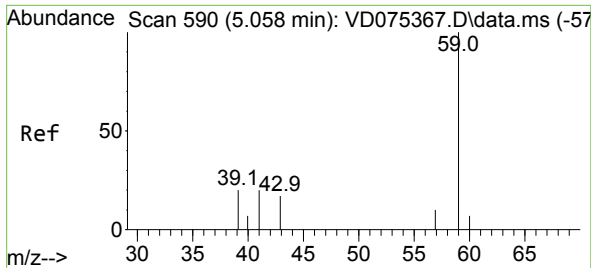
Tgt Ion:101 Resp: 13671
Ion Ratio Lower Upper
101 100
85 44.3 38.3 57.5
151 75.1 60.4 90.6



#10
Methyl Iodide
Concen: 20.608 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:142 Resp: 11934
Ion Ratio Lower Upper
142 100
127 50.3 37.1 55.7
141 14.9 11.3 16.9

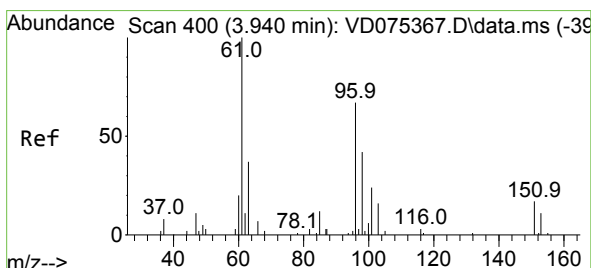
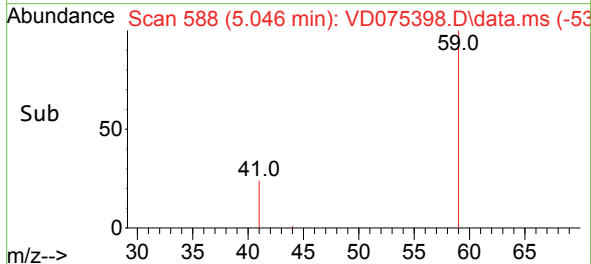
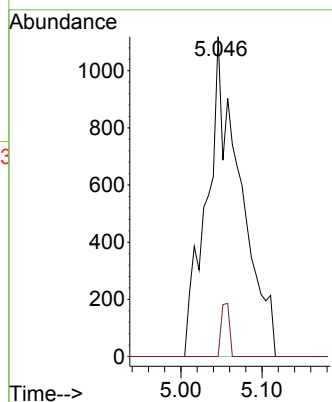
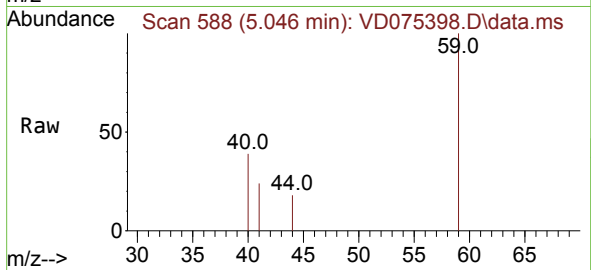




#11
Tert butyl alcohol
Concen: 74.141 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

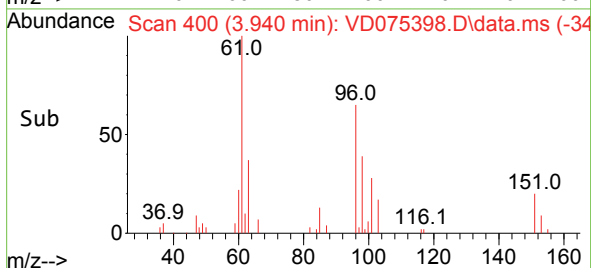
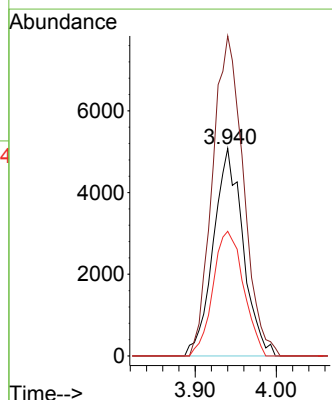
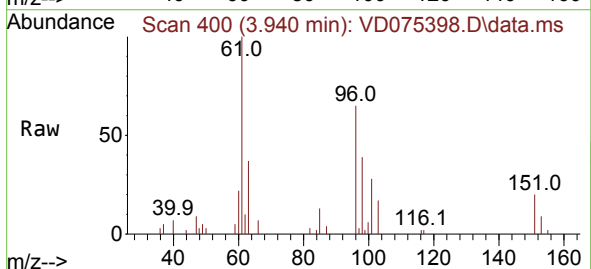
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

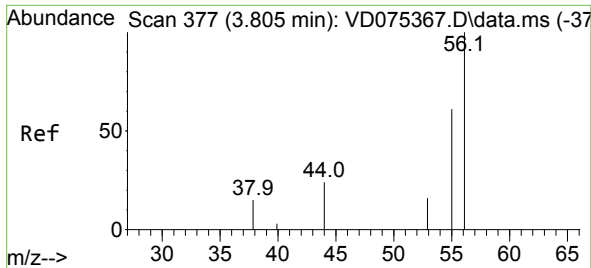
Tgt Ion: 59 Resp: 3198
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 21.382 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 96 Resp: 12898
Ion Ratio Lower Upper
96 100
61 154.2 118.6 177.8
98 60.1 49.7 74.5

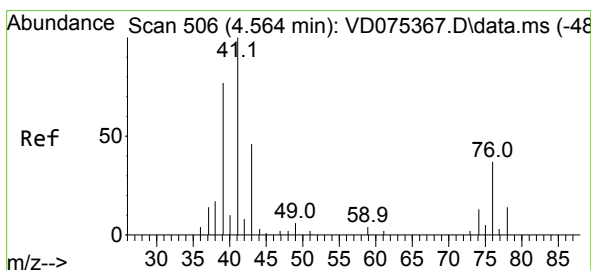
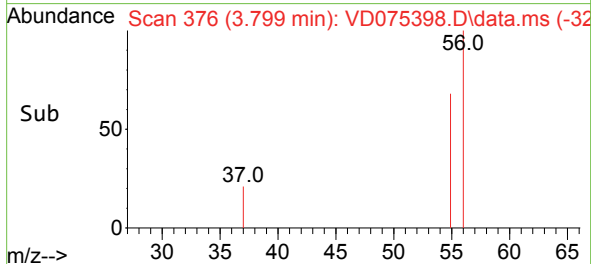
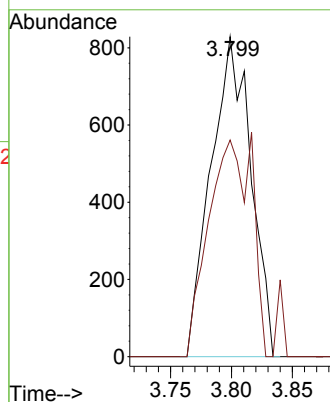
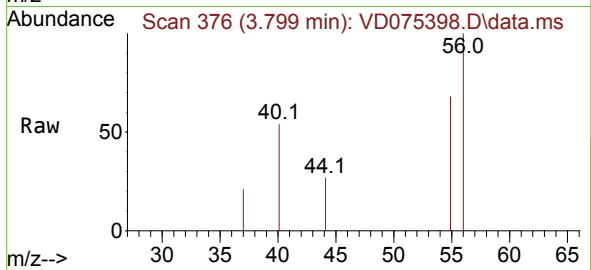




#13
Acrolein
Concen: 142.149 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

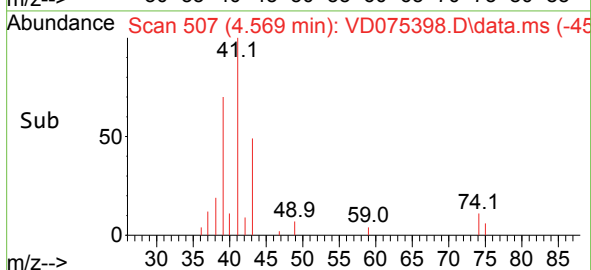
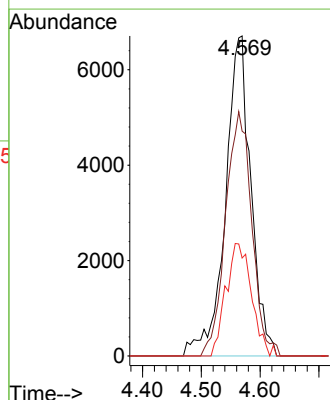
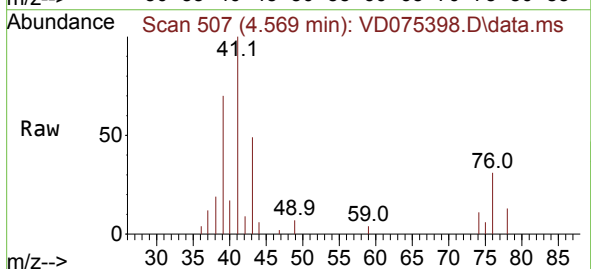
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

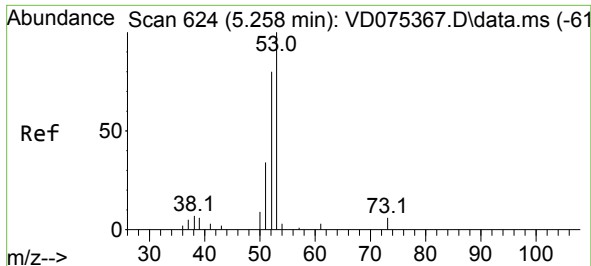
Tgt Ion: 56 Resp: 1894
Ion Ratio Lower Upper
56 100
55 73.9 53.9 80.9



#14
Allyl chloride
Concen: 21.142 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 41 Resp: 20167
Ion Ratio Lower Upper
41 100
39 78.8 60.6 90.8
76 35.4 28.6 43.0

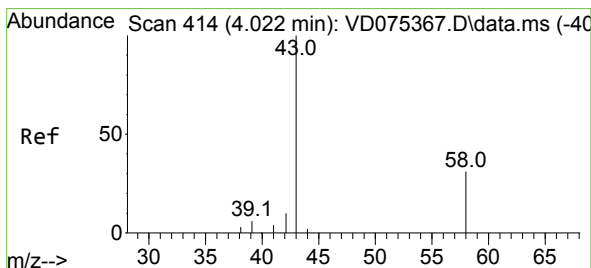
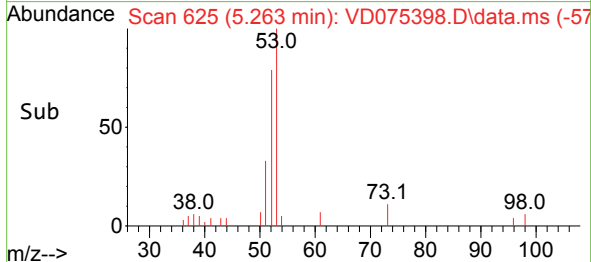
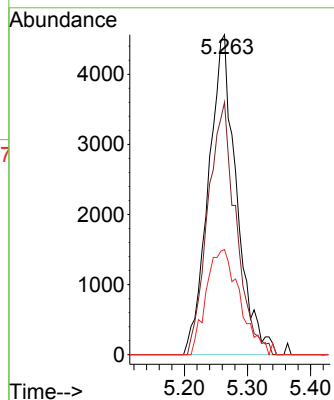
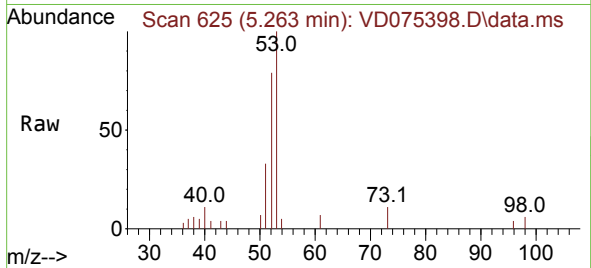




#15
Acrylonitrile
Concen: 110.532 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

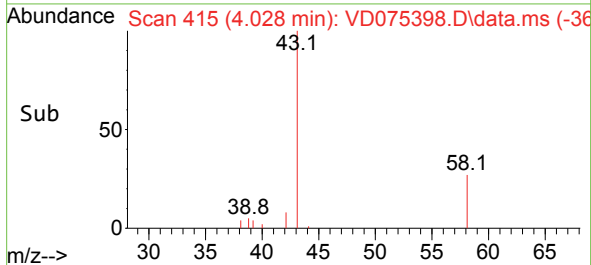
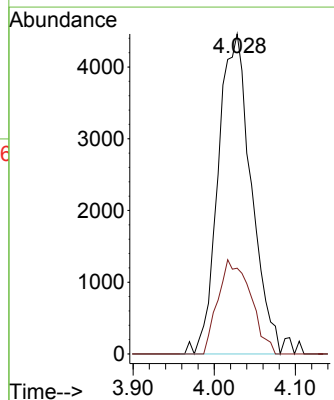
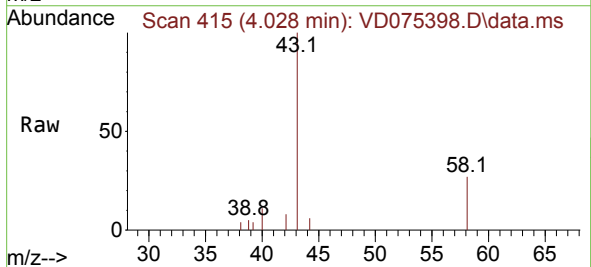
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

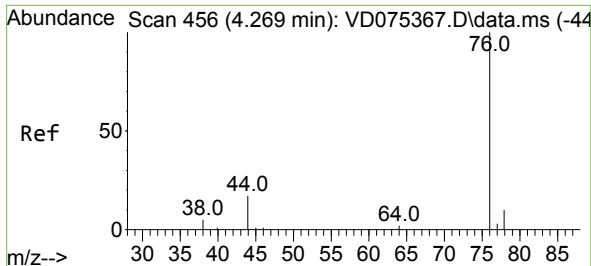
Tgt Ion: 53	Resp: 14106
Ion Ratio	Lower Upper
53 100	
52 79.1	66.2 99.4
51 39.5	30.7 46.1



#16
Acetone
Concen: 87.333 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 43	Resp: 12581
Ion Ratio	Lower Upper
43 100	
58 26.8	24.4 36.6

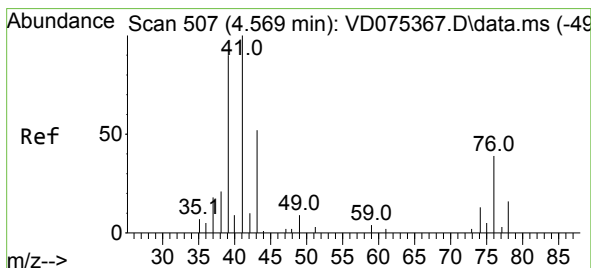
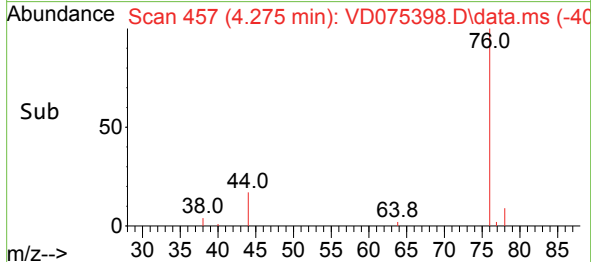
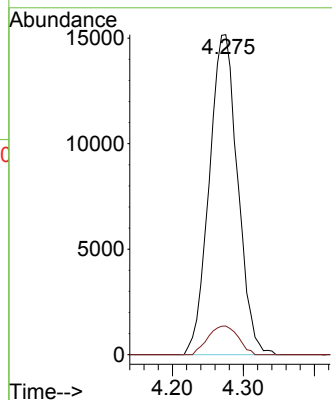
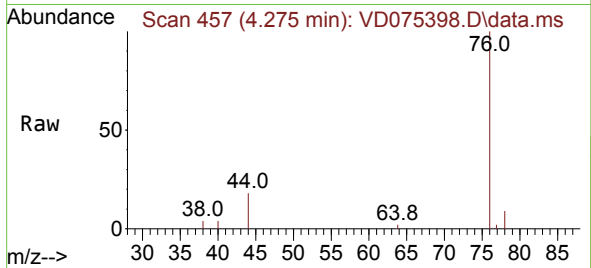




#17
Carbon Disulfide
Concen: 19.858 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

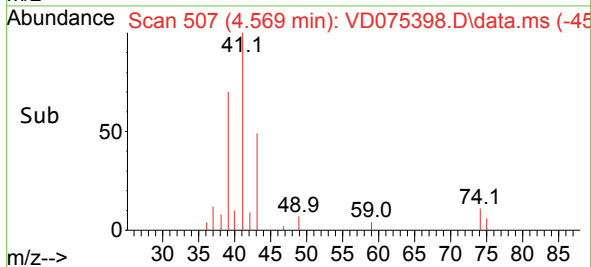
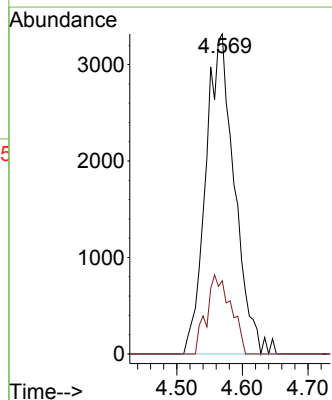
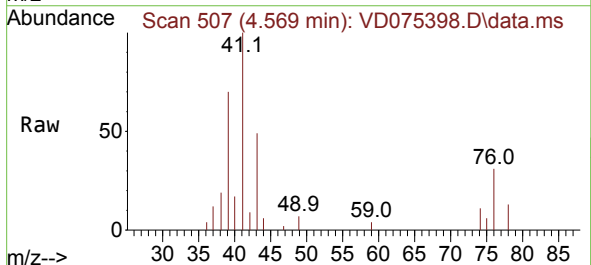
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

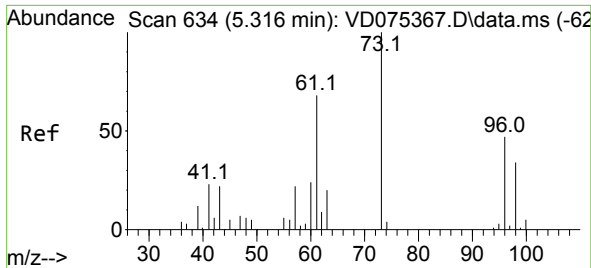
Tgt Ion: 76 Resp: 42189
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 22.394 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 43 Resp: 10109
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.6

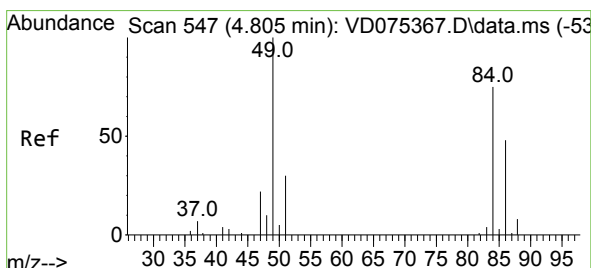
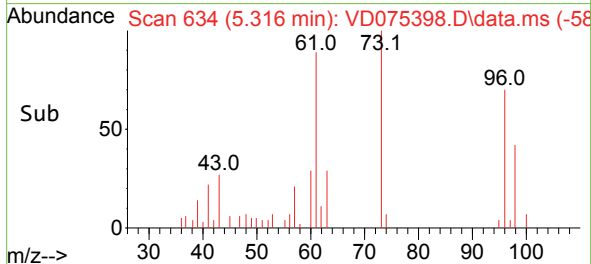
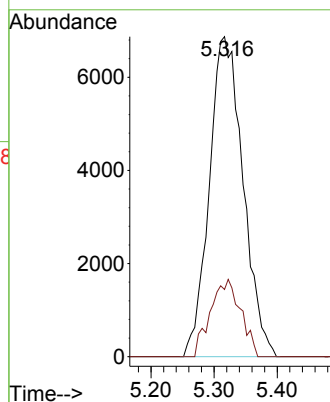
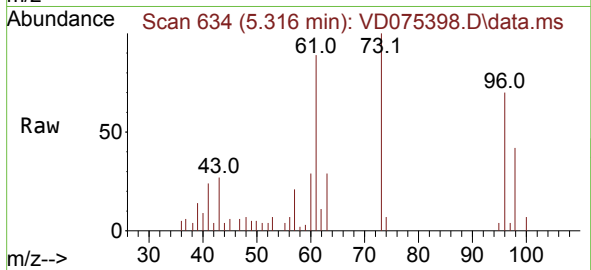




#19
Methyl tert-butyl Ether
Concen: 20.895 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

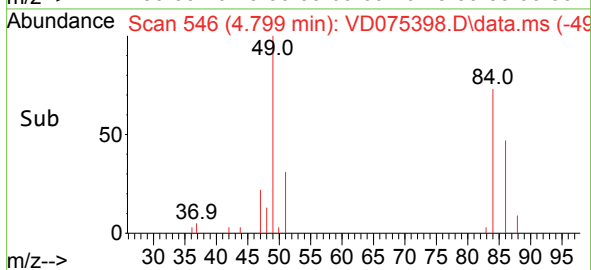
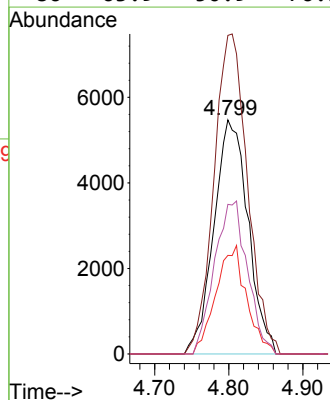
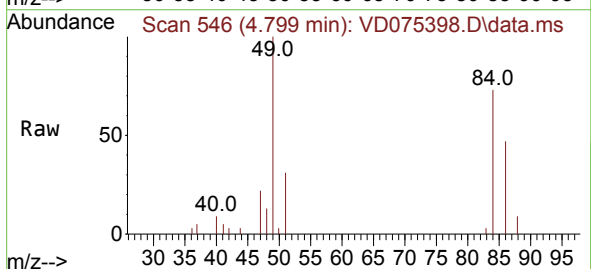
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

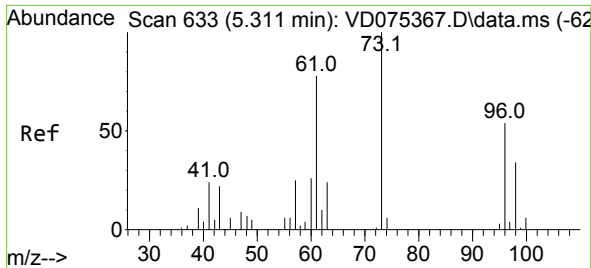
Tgt Ion: 73 Resp: 25519
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#20
Methylene Chloride
Concen: 21.795 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 84 Resp: 17520
Ion Ratio Lower Upper
84 100
49 136.1 106.4 159.6
51 42.1 32.4 48.6
86 63.9 50.9 76.3

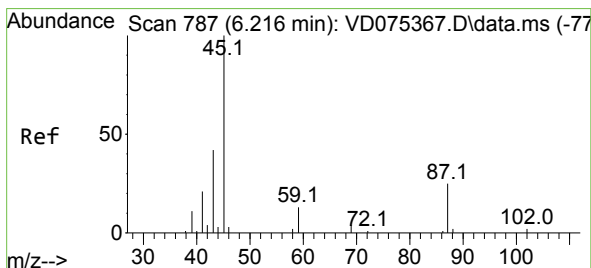
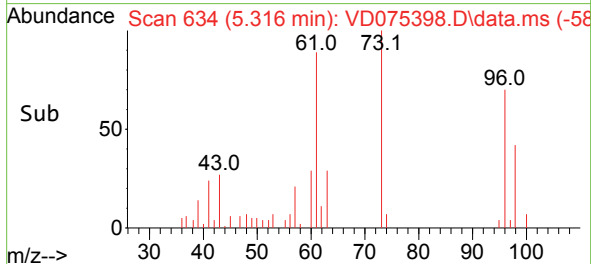
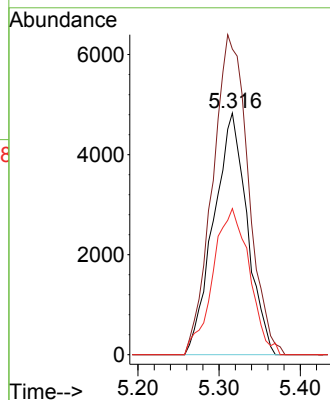
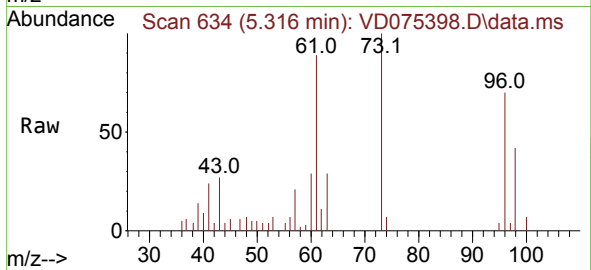




#21
trans-1,2-Dichloroethene
Concen: 20.550 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

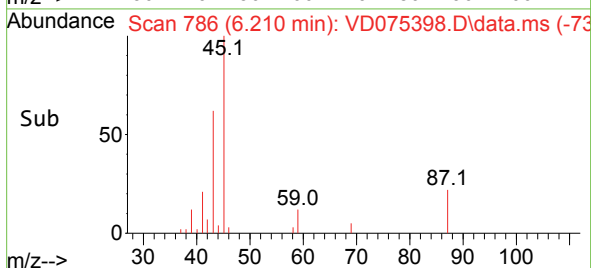
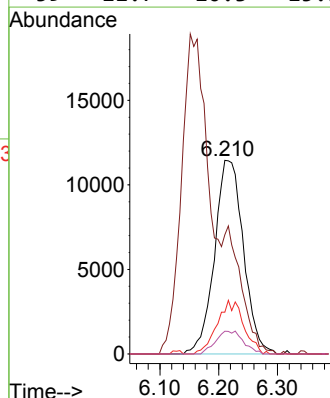
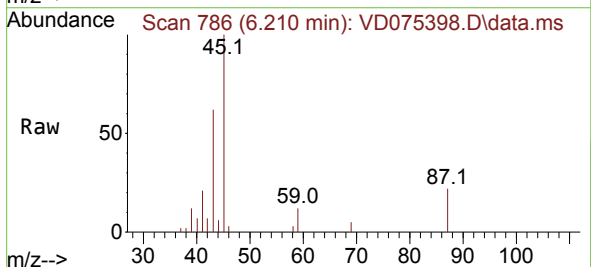
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

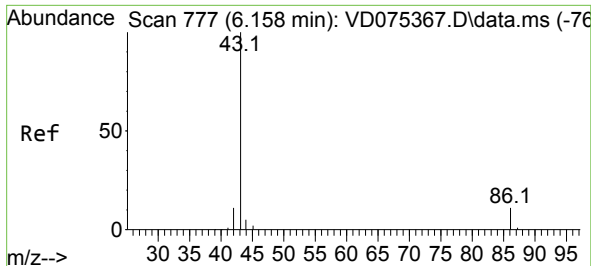
Tgt Ion: 96 Resp: 13856
Ion Ratio Lower Upper
96 100
61 126.5 117.2 175.8
98 60.5 50.6 76.0



#22
Diisopropyl ether
Concen: 21.475 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 45 Resp: 39128
Ion Ratio Lower Upper
45 100
43 61.5 44.4 66.6
87 21.5 20.9 31.3
59 11.7 10.3 15.5

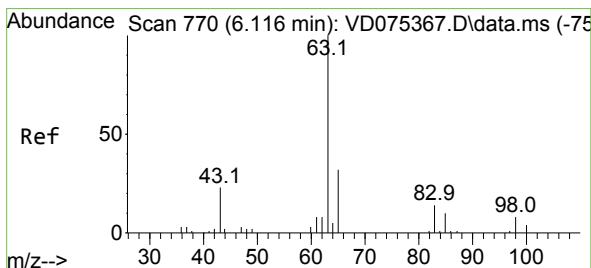
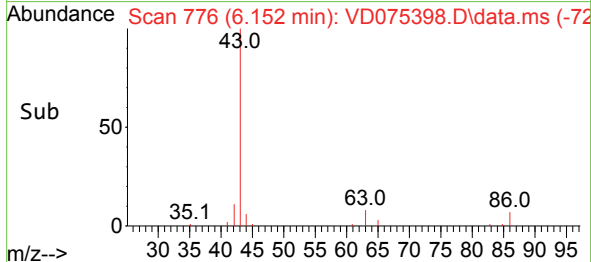
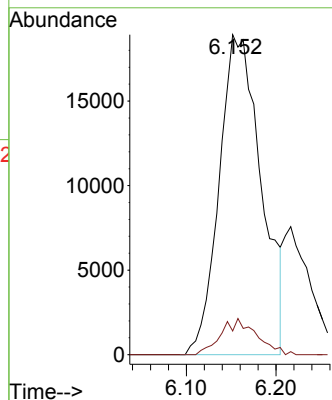
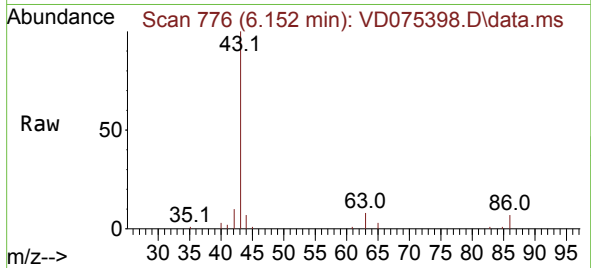




#23
 Vinyl Acetate
 Concen: 116.558 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

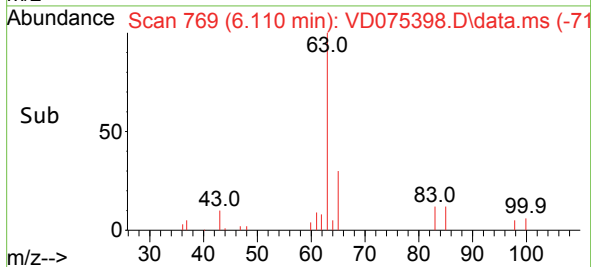
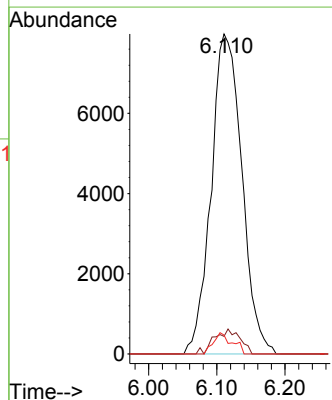
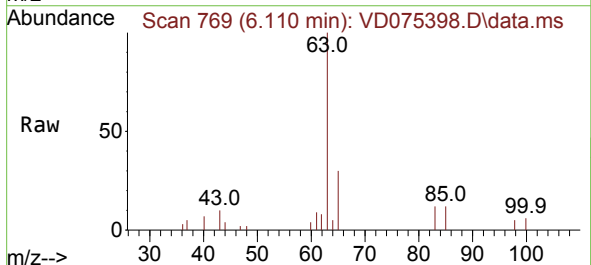
Instrument :
 MSVOA_D
 ClientSampleId :
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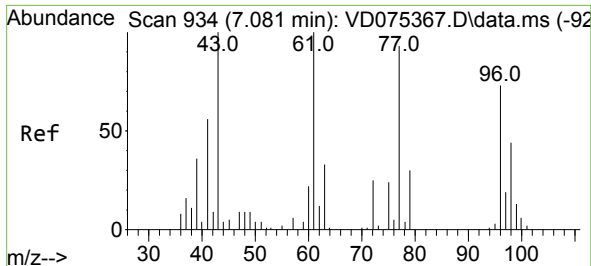
Tgt Ion: 43 Resp: 61570
 Ion Ratio Lower Upper
 43 100
 86 7.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.922 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

Tgt Ion: 63 Resp: 25033
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.9 11.7
 100 5.9 2.0 6.0

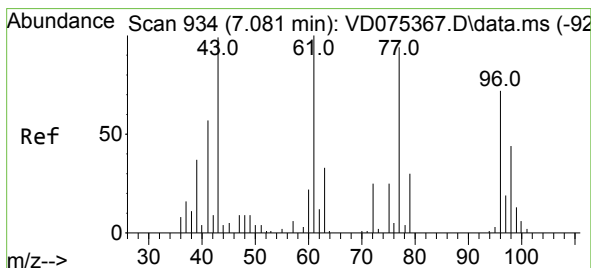
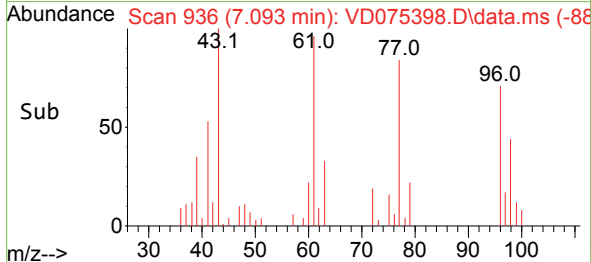
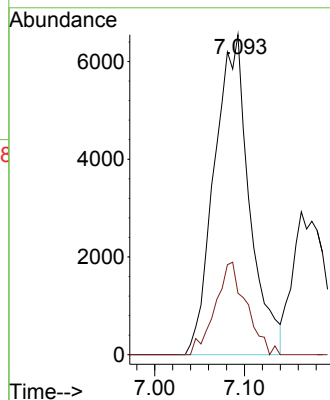
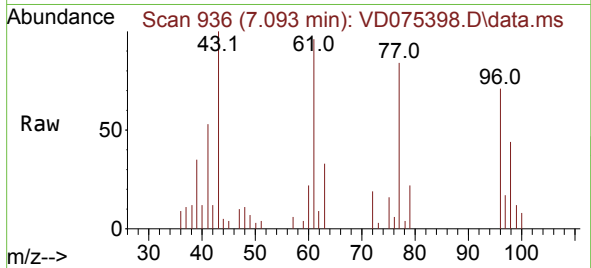




#25
2-Butanone
Concen: 98.943 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

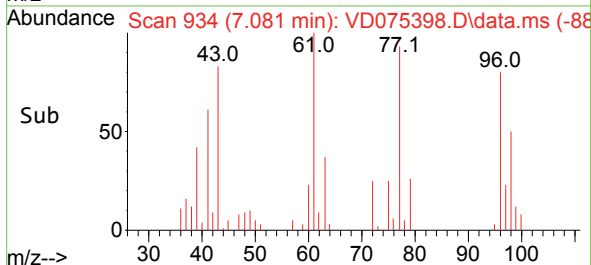
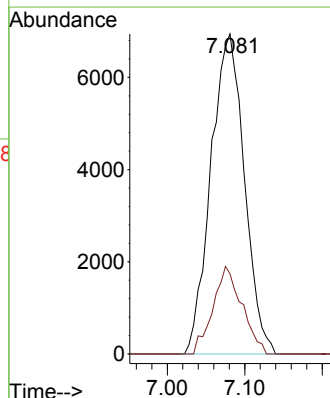
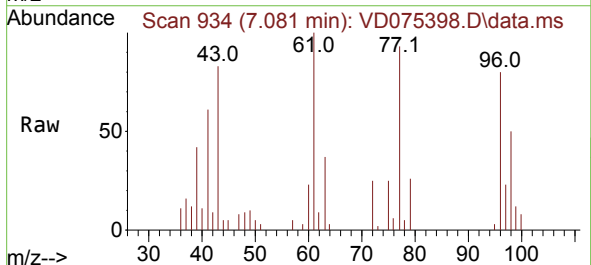
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

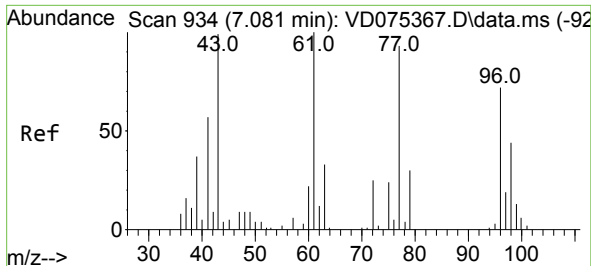
Tgt Ion: 43 Resp: 17775
Ion Ratio Lower Upper
43 100
72 19.2 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.062 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 77 Resp: 20877
Ion Ratio Lower Upper
77 100
97 23.6 11.1 33.1

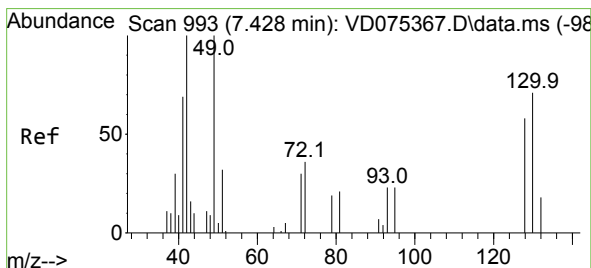
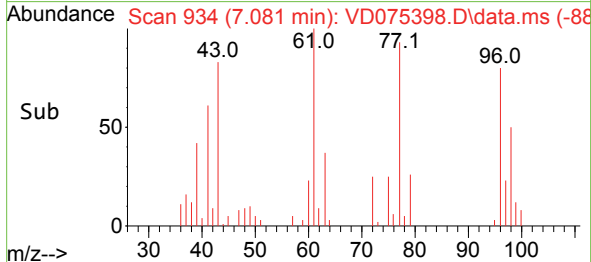
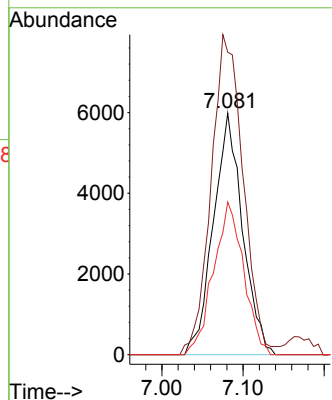
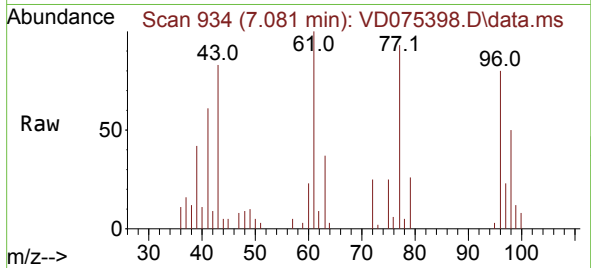




#27
 cis-1,2-Dichloroethene
 Concen: 20.896 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

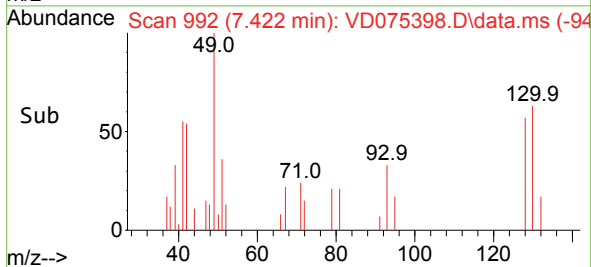
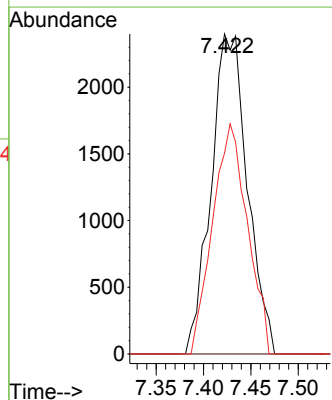
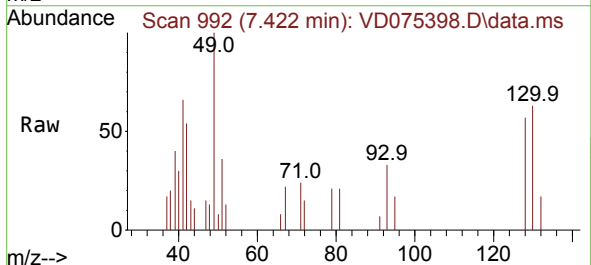
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBSD01

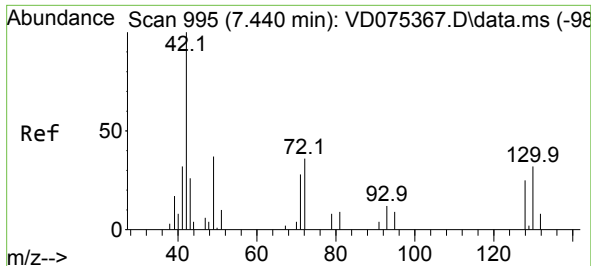
Tgt Ion: 96	Resp: 14988
Ion Ratio	Lower Upper
96 100	
61 145.1	0.0 295.2
98 65.2	0.0 129.2



#28
 Bromochloromethane
 Concen: 24.263 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

Tgt Ion: 49	Resp: 6388		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	2.2	
130 69.1	56.0	84.0	





#29

Tetrahydrofuran

Concen: 110.101 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

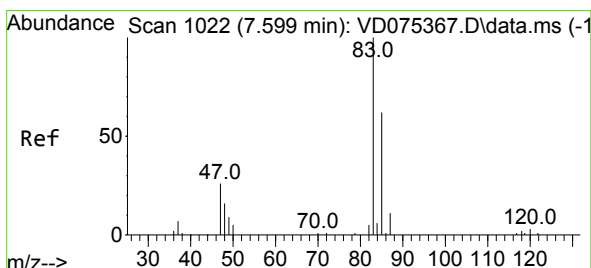
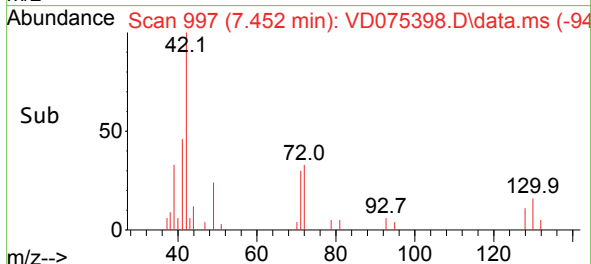
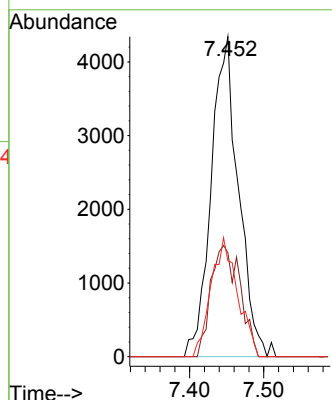
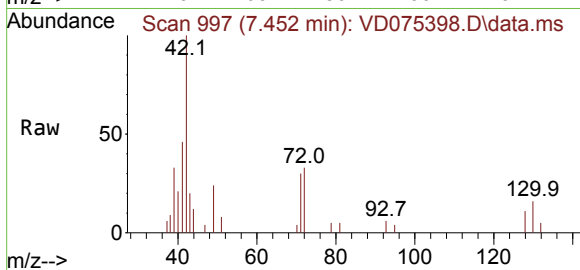
Tgt Ion: 42 Resp: 11156

Ion Ratio Lower Upper

42 100

72 36.9 31.8 47.6

71 36.0 27.6 41.4



#30

Chloroform

Concen: 20.885 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075398.D

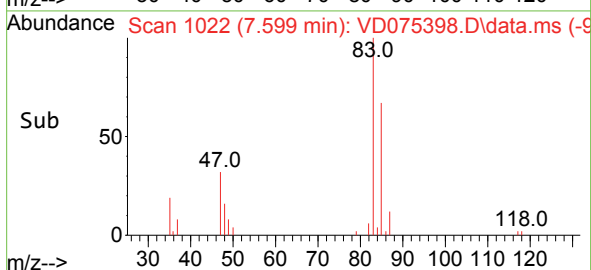
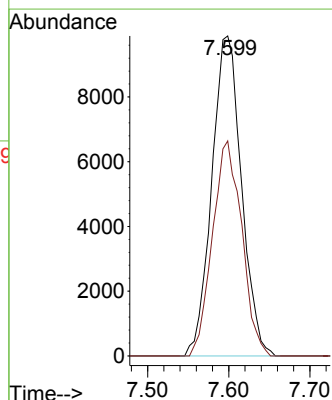
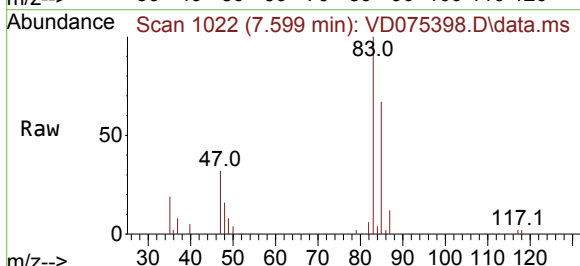
Acq: 22 Feb 2023 13:44

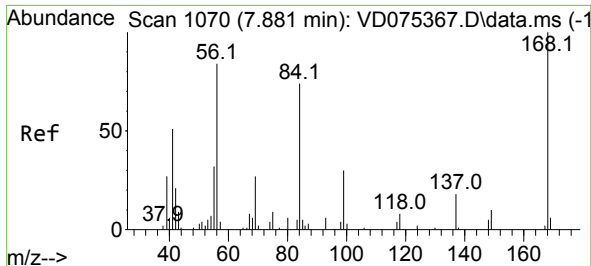
Tgt Ion: 83 Resp: 25095

Ion Ratio Lower Upper

83 100

85 67.2 49.4 74.2

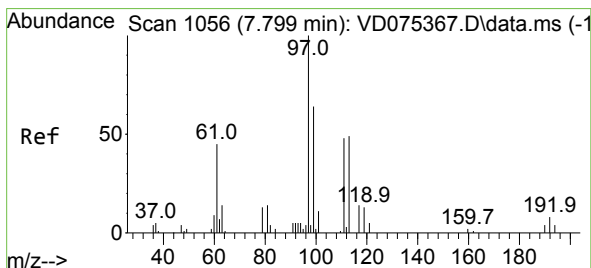
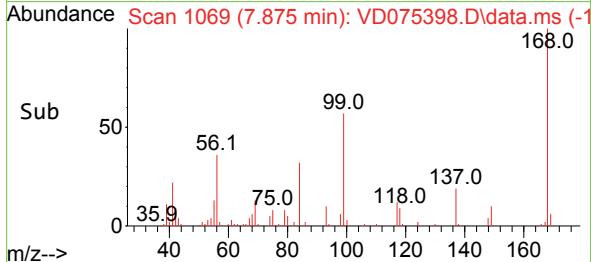
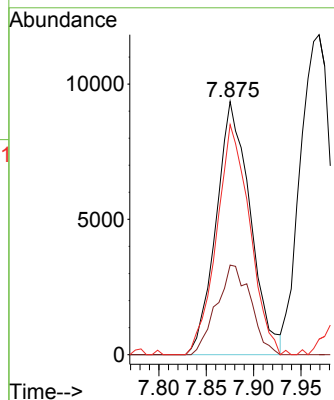
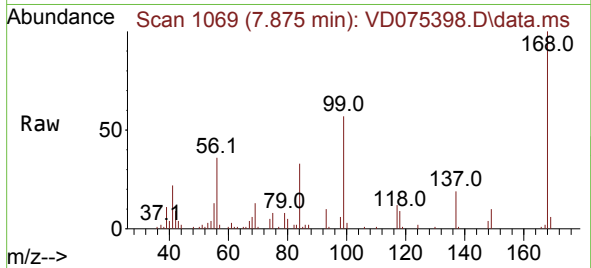




#31
Cyclohexane
Concen: 20.701 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

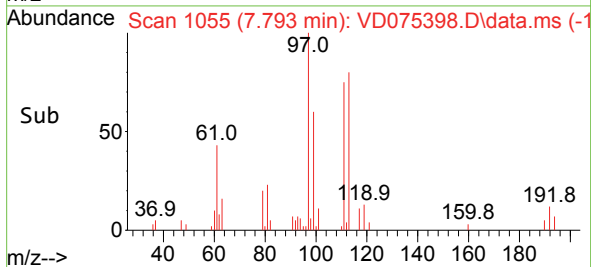
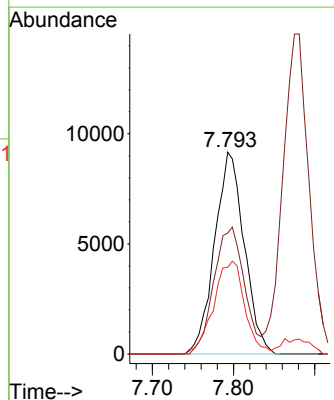
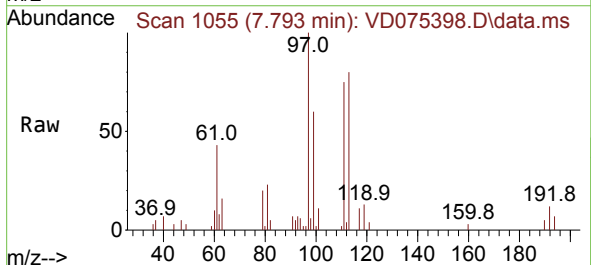
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

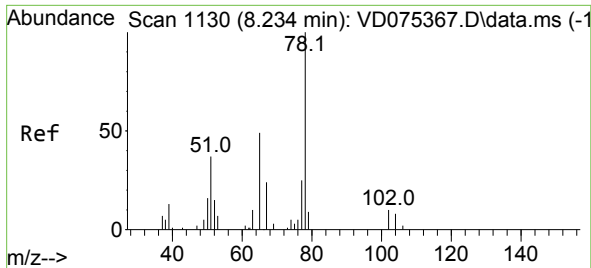
Tgt Ion: 56 Resp: 23386
Ion Ratio Lower Upper
56 100
69 35.4 25.5 38.3
84 90.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.984 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 97 Resp: 23209
Ion Ratio Lower Upper
97 100
99 64.9 50.5 75.7
61 48.2 36.6 55.0

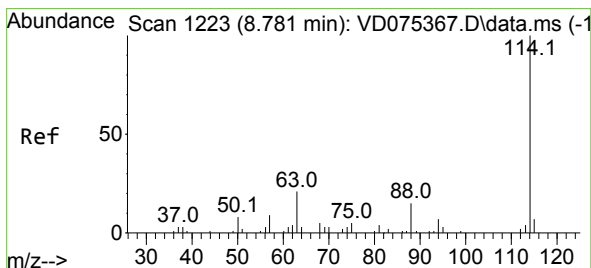
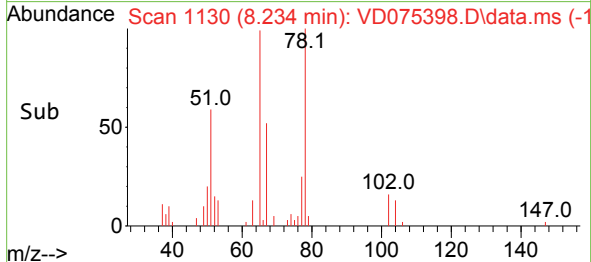
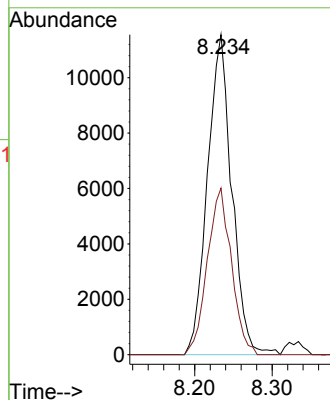
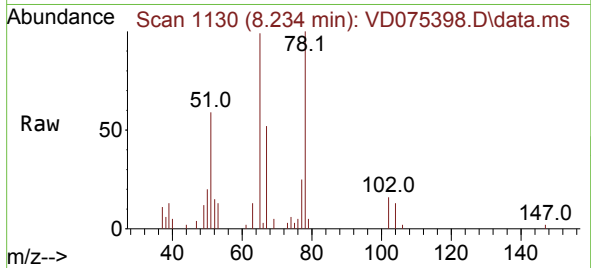




#33
1,2-Dichloroethane-d4
Concen: 52.802 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

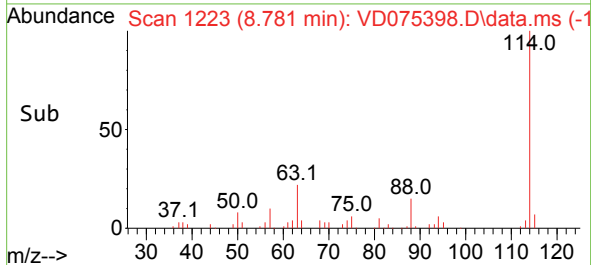
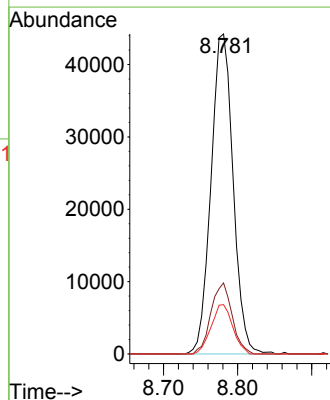
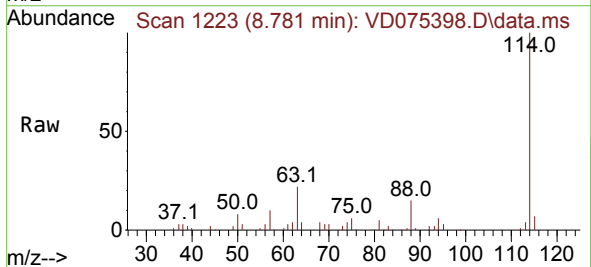
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

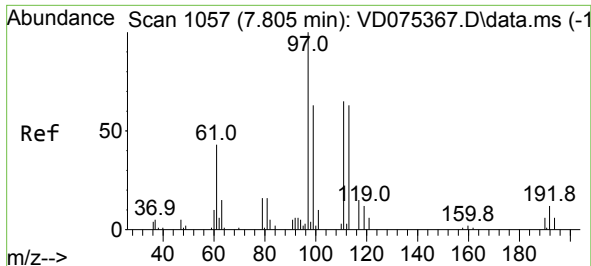
Tgt Ion: 65 Resp: 25221
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:114 Resp: 91632
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.6
88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.174 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

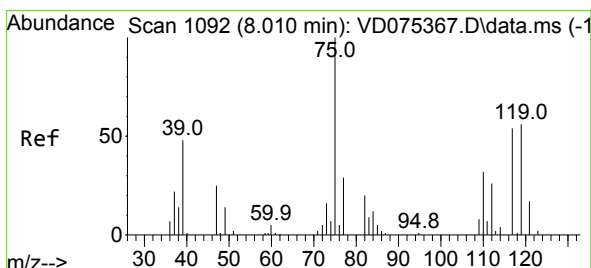
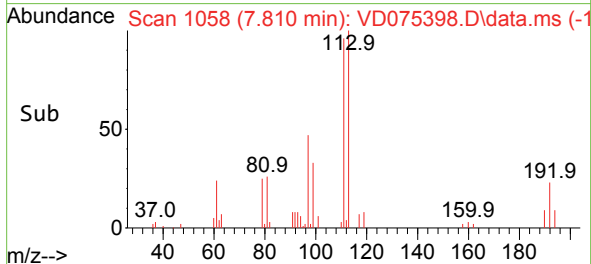
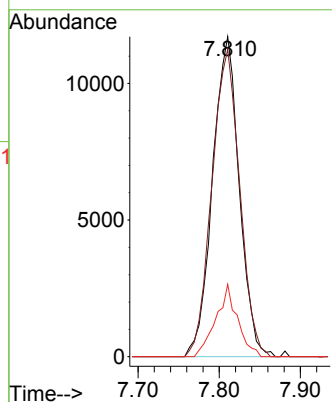
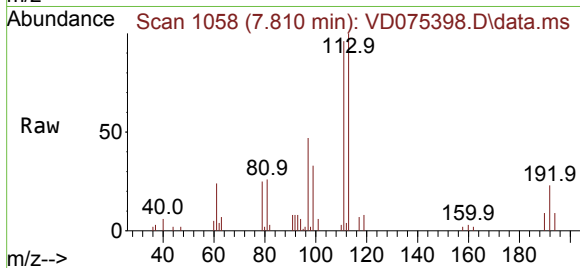
Tgt Ion:113 Resp: 26749

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

192 18.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.408 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

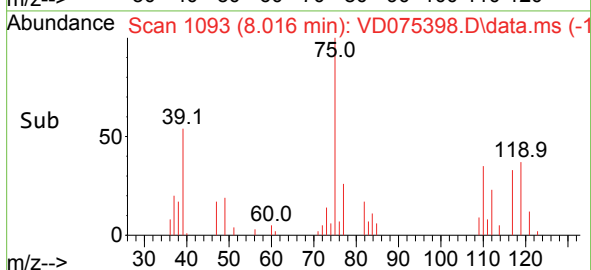
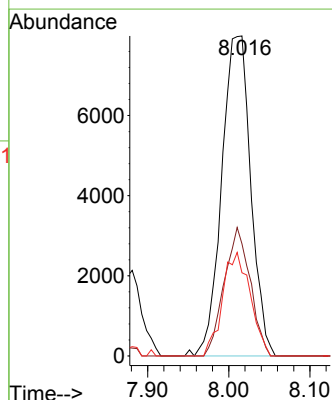
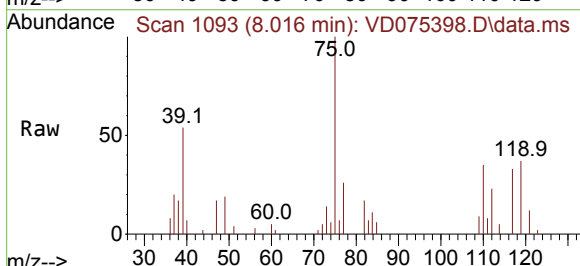
Tgt Ion: 75 Resp: 19897

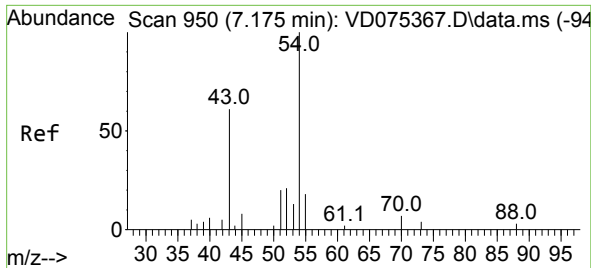
Ion Ratio Lower Upper

75 100

110 35.8 17.1 51.2

77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 20.497 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

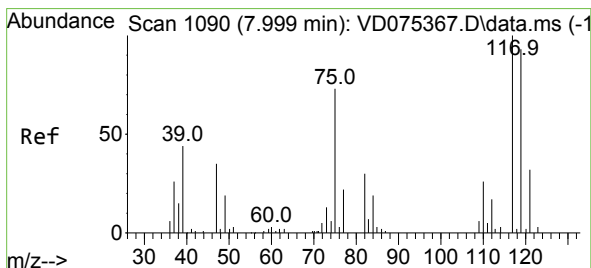
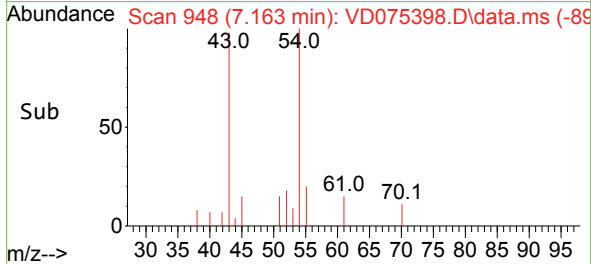
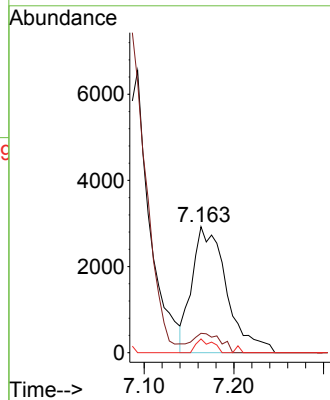
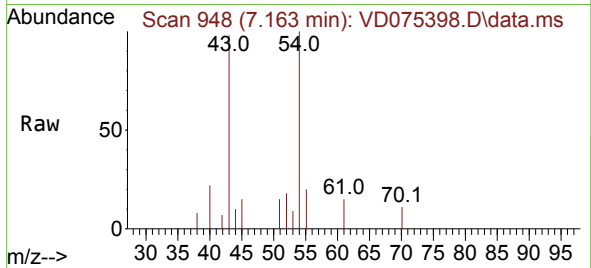
Tgt Ion: 43 Resp: 7821

Ion Ratio Lower Upper

43 100

61 12.2 0.0 0.0#

70 5.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 19.055 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

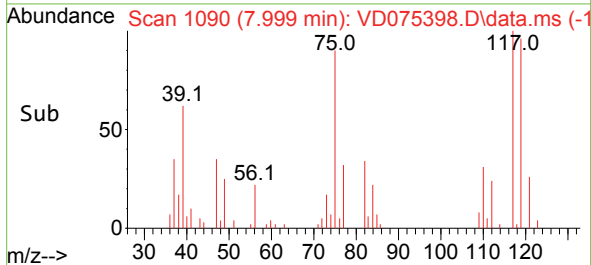
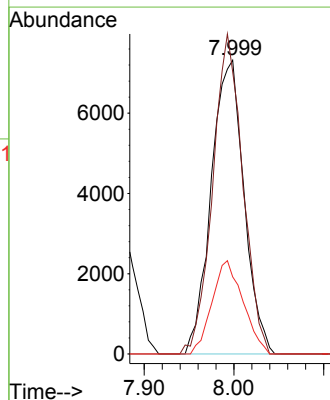
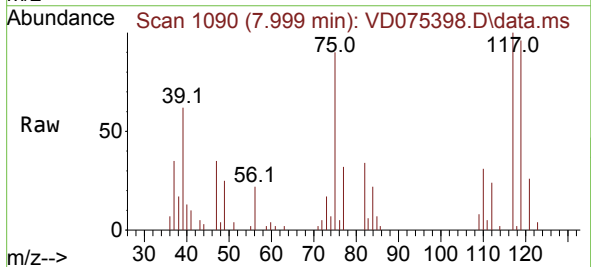
Tgt Ion: 117 Resp: 18614

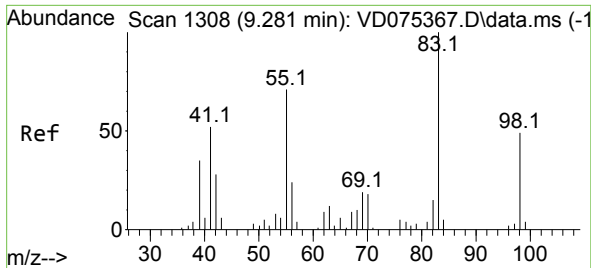
Ion Ratio Lower Upper

117 100

119 96.1 74.7 112.1

121 26.3 25.9 38.9

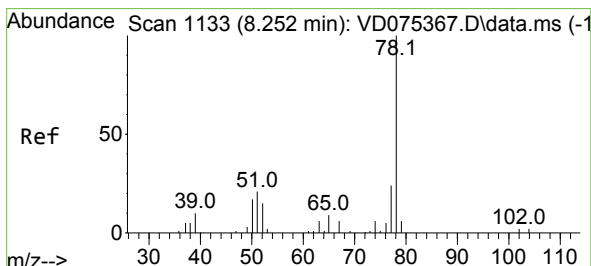
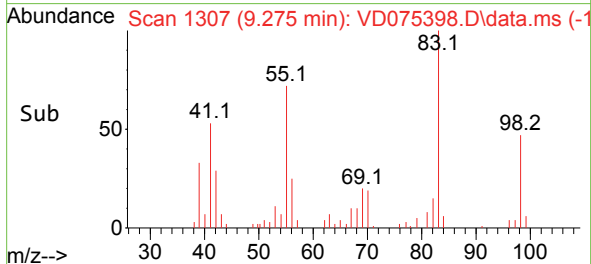
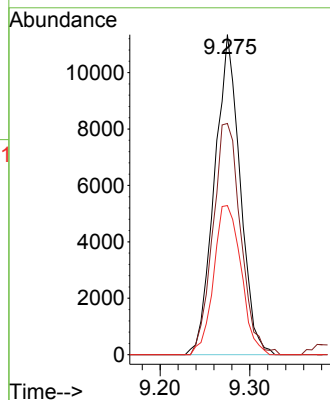
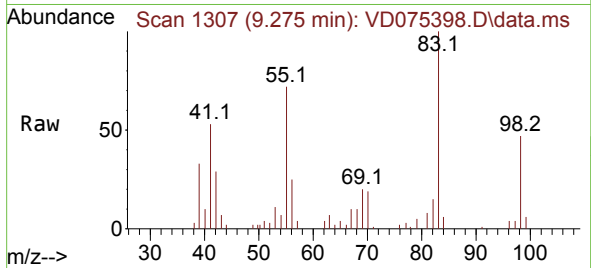




#39
Methylcyclohexane
Concen: 19.534 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

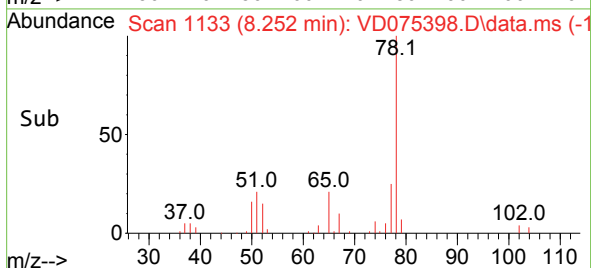
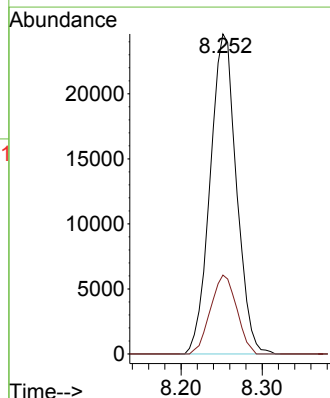
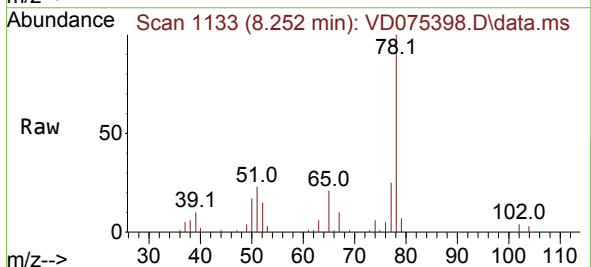
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

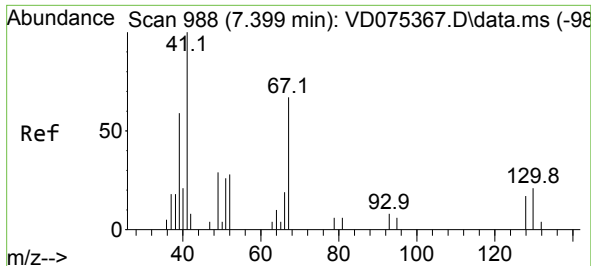
Tgt Ion: 83 Resp: 22448
Ion Ratio Lower Upper
83 100
55 72.3 56.8 85.2
98 46.6 38.9 58.3



#40
Benzene
Concen: 20.742 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 78 Resp: 55358
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

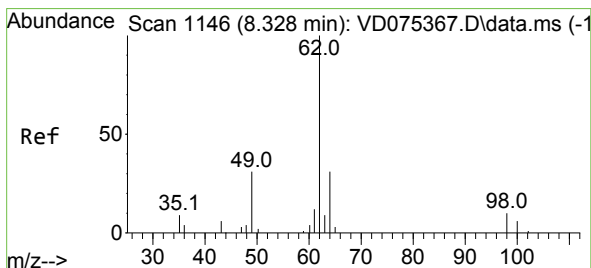
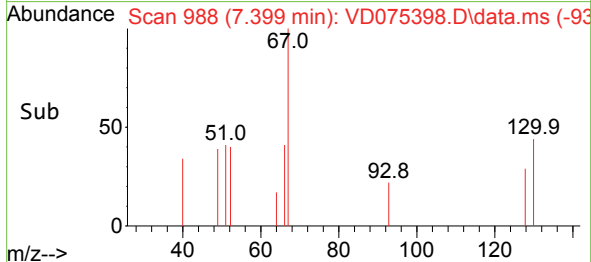
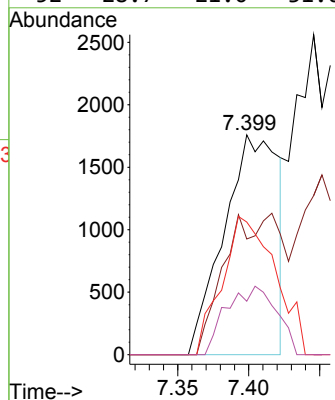
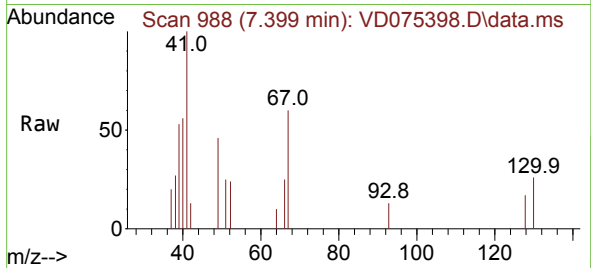




#41
Methacrylonitrile
Concen: 21.331 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

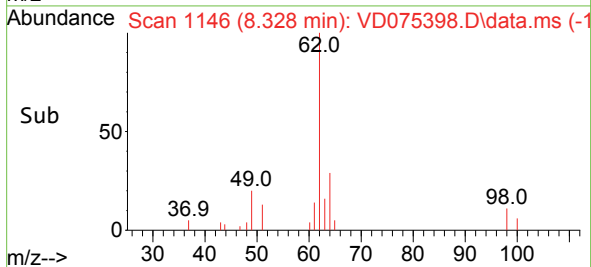
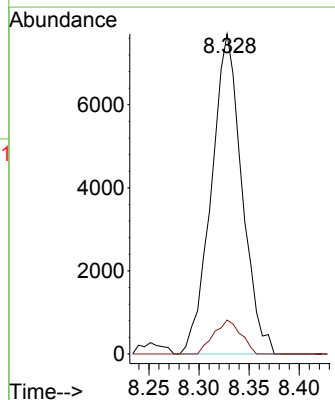
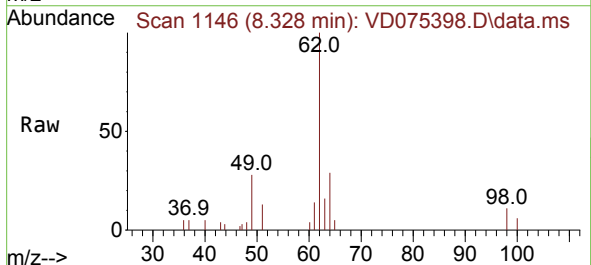
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

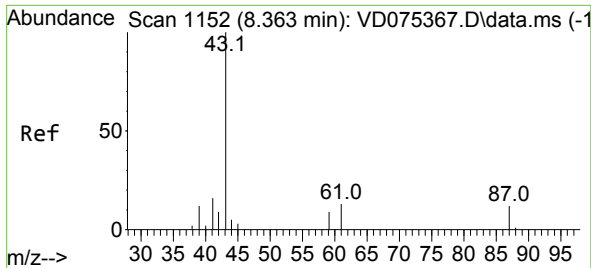
Tgt Ion:	41	Resp:	4668
Ion	Ratio	Lower	Upper
41	100		
39	32.0	45.3	67.9#
67	61.7	50.5	75.7
52	28.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 21.880 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:	62	Resp:	16306
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

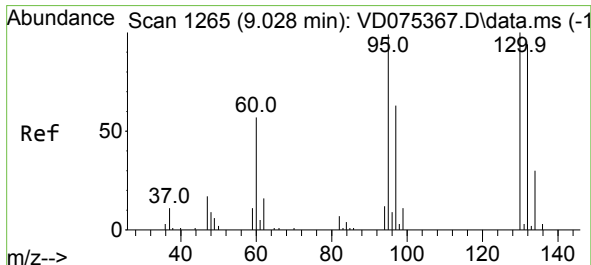
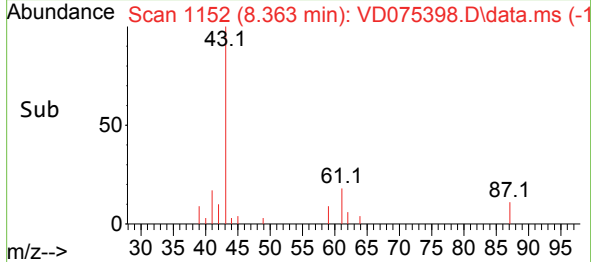
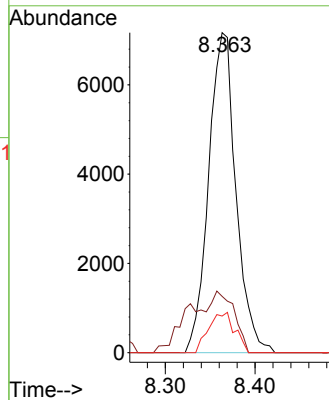
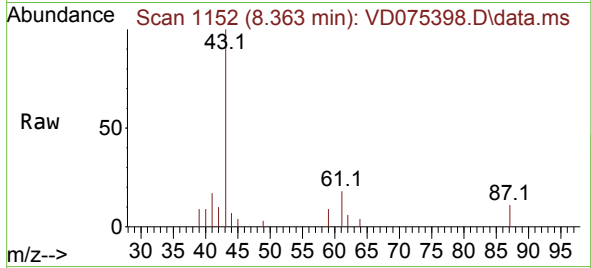




#43
Isopropyl Acetate
Concen: 21.146 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

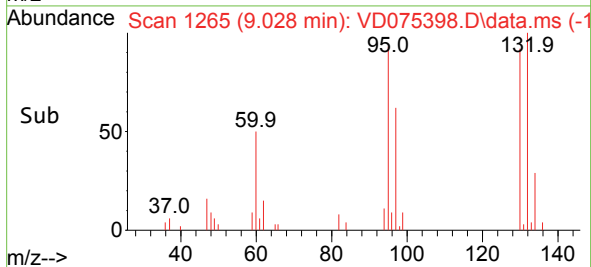
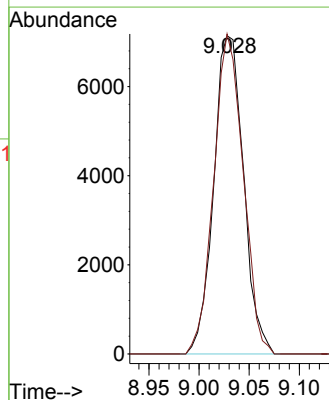
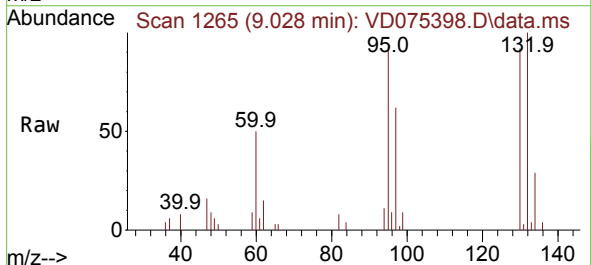
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

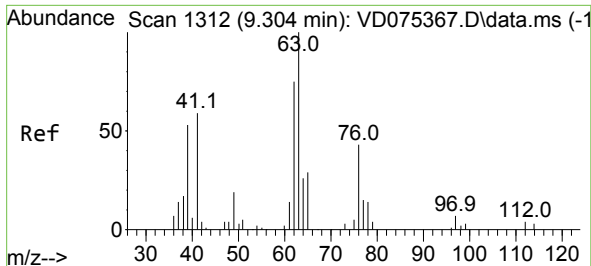
Tgt Ion: 43 Resp: 15160
Ion Ratio Lower Upper
43 100
61 16.3 23.4 35.0#
87 12.0 9.5 14.3



#44
Trichloroethene
Concen: 20.615 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:130 Resp: 14740
Ion Ratio Lower Upper
130 100
95 100.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.832 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

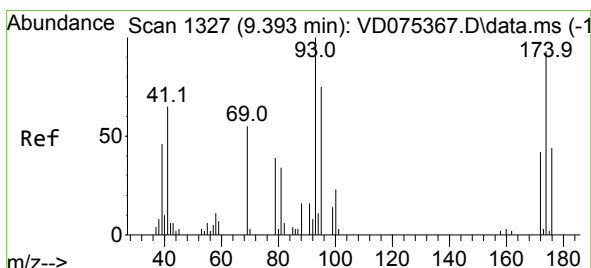
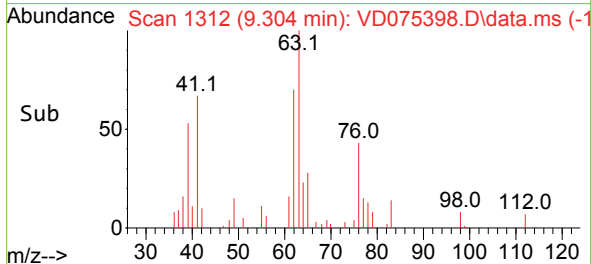
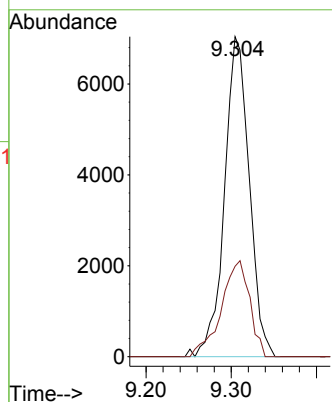
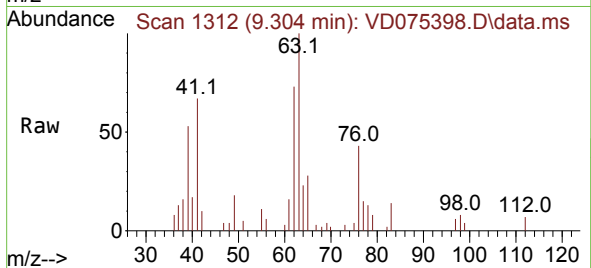
VD0222SBS01

Tgt Ion: 63 Resp: 14210

Ion Ratio Lower Upper

63 100

65 28.3 23.0 34.4



#46

Dibromomethane

Concen: 20.900 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

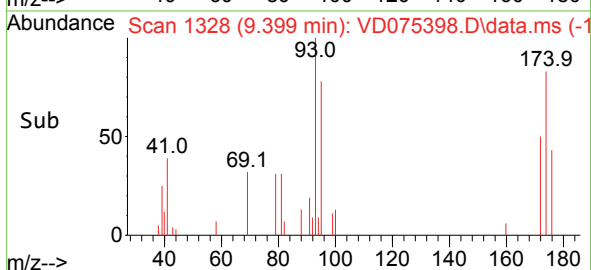
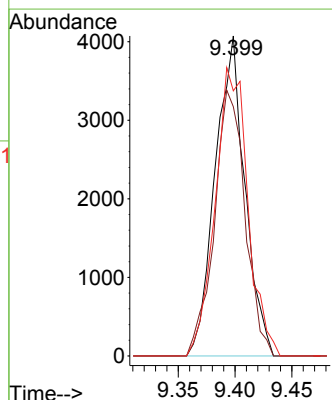
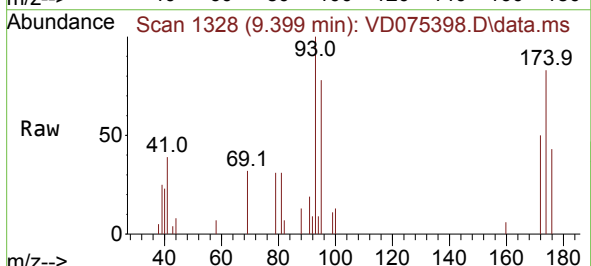
Tgt Ion: 93 Resp: 7407

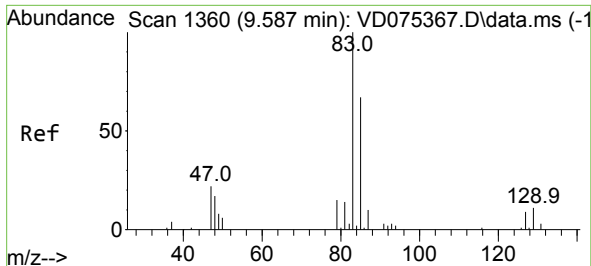
Ion Ratio Lower Upper

93 100

95 85.7 64.5 96.7

174 98.9 76.2 114.4

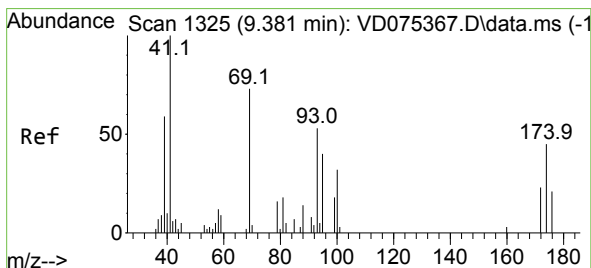
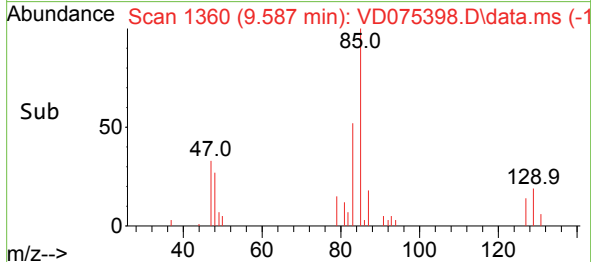
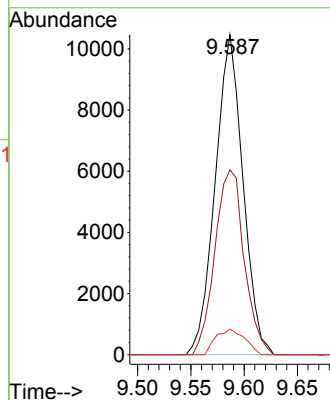
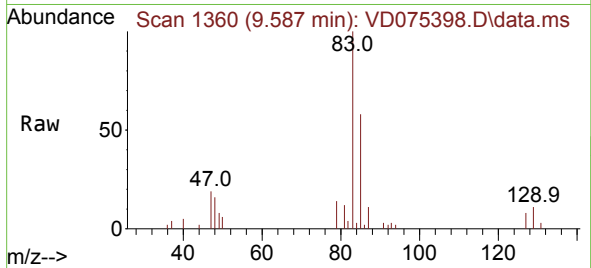




#47
Bromodichloromethane
Concen: 20.979 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

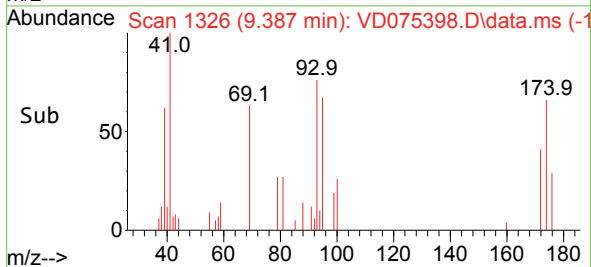
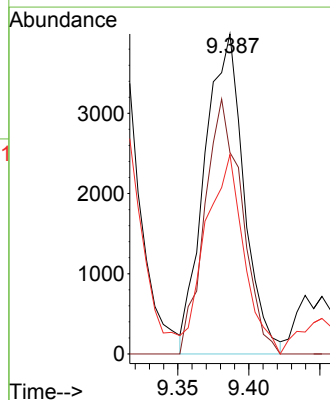
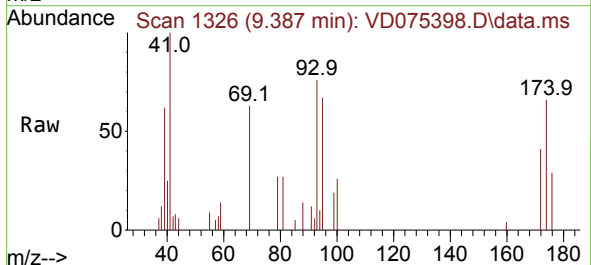
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

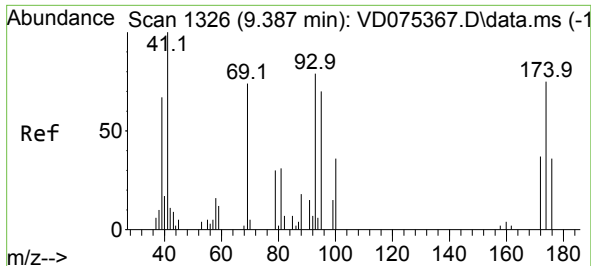
Tgt Ion: 83	Resp:	18920
Ion	Ratio	Lower Upper
83	100	
85	57.7	53.7 80.5
127	8.0	7.0 10.6



#48
Methyl methacrylate
Concen: 21.237 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 41	Resp:	7654
Ion	Ratio	Lower Upper
41	100	
69	75.5	58.6 88.0
39	60.6	53.4 80.0





#49

1,4-Dioxane

Concen: 453.492 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

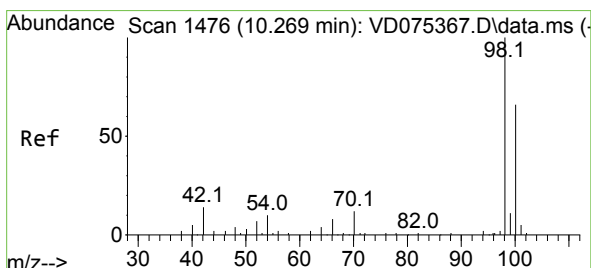
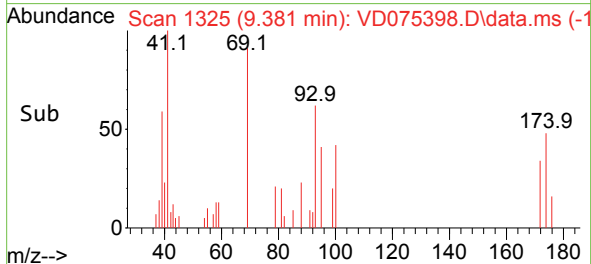
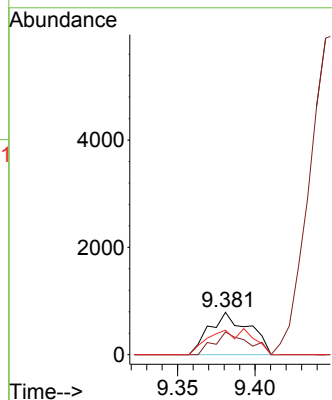
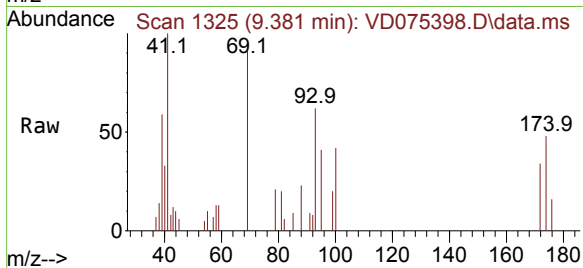
Tgt Ion: 88 Resp: 1404

Ion Ratio Lower Upper

88 100

43 46.2 34.6 51.8

58 65.9 58.0 87.0



#50

Toluene-d8

Concen: 44.858 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075398.D

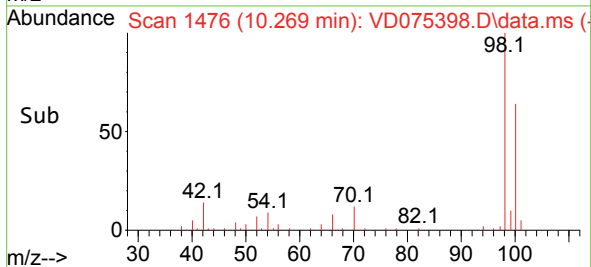
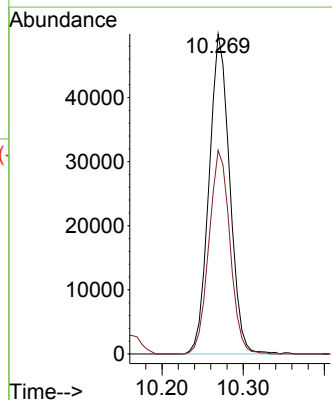
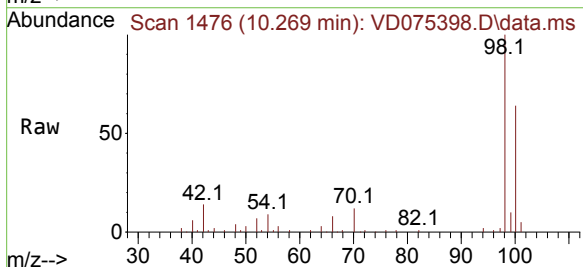
Acq: 22 Feb 2023 13:44

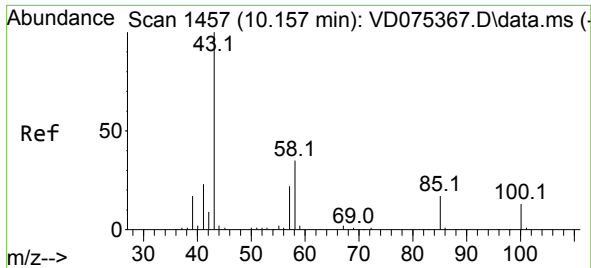
Tgt Ion: 98 Resp: 88062

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

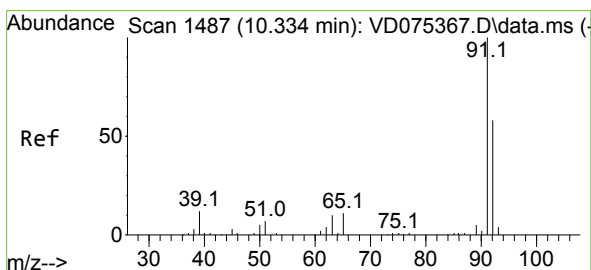
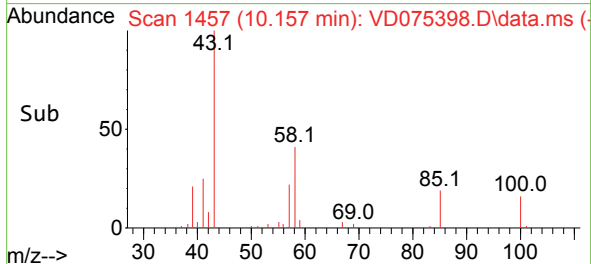
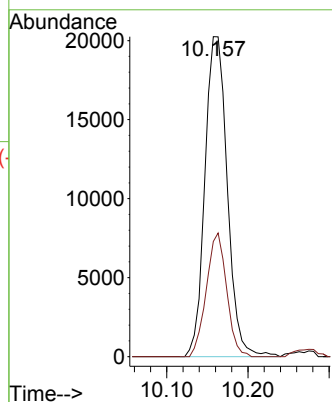
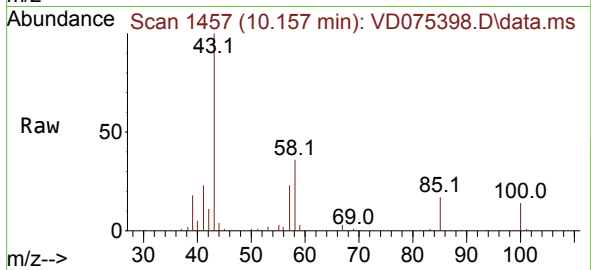




#51
4-Methyl-2-Pentanone
Concen: 106.952 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

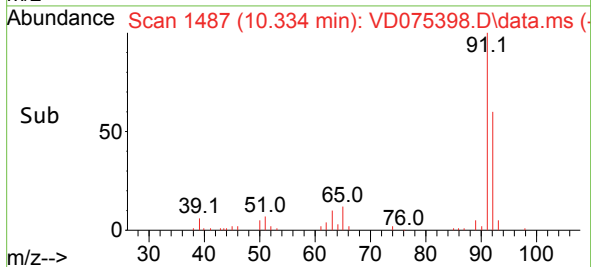
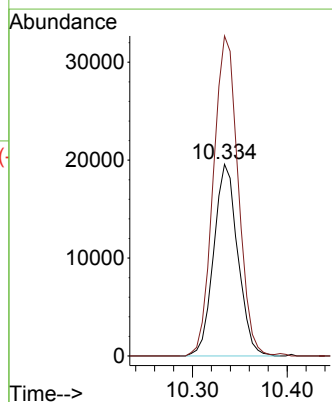
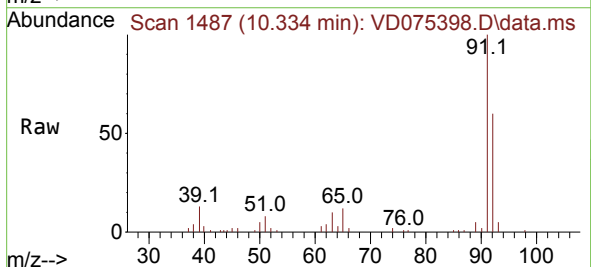
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

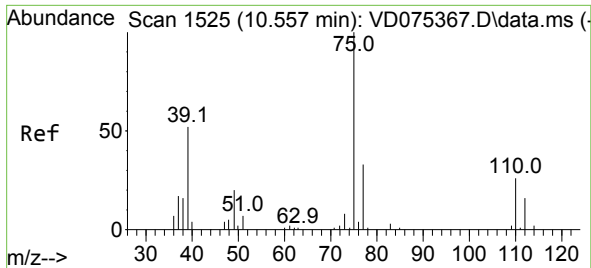
Tgt Ion: 43 Resp: 38833
Ion Ratio Lower Upper
43 100
58 34.9 29.5 44.3



#52
Toluene
Concen: 21.035 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 92 Resp: 34565
Ion Ratio Lower Upper
92 100
91 172.5 136.5 204.7

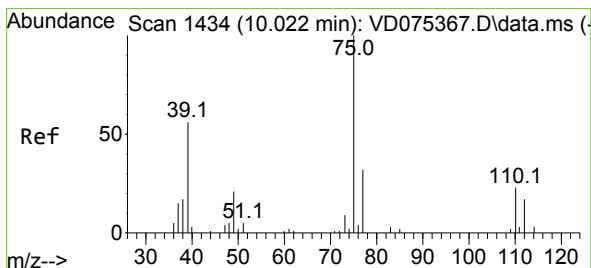
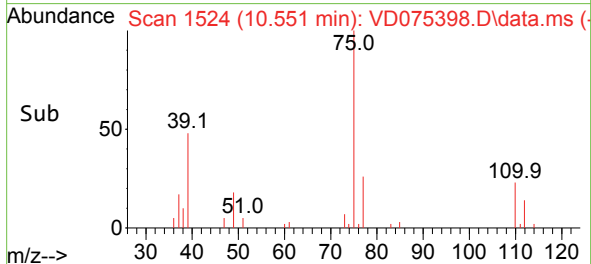
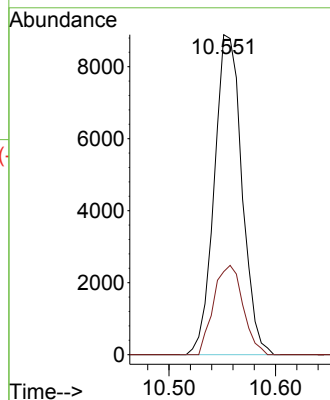
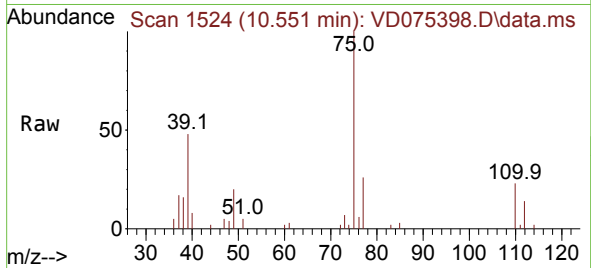




#53
 t-1,3-Dichloropropene
 Concen: 21.678 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

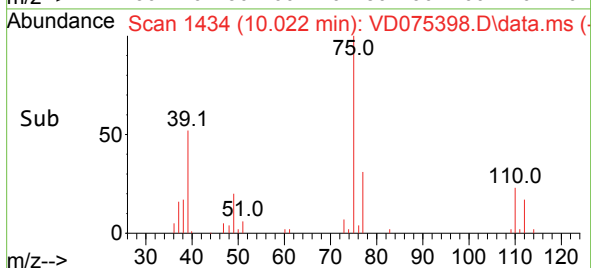
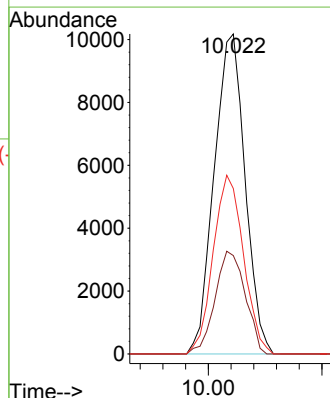
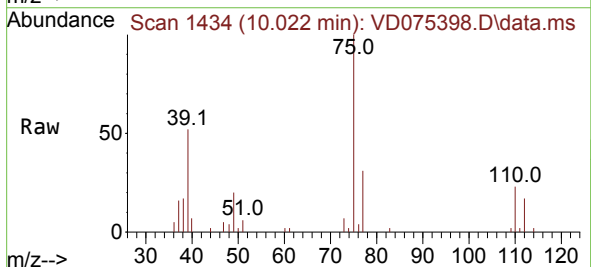
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

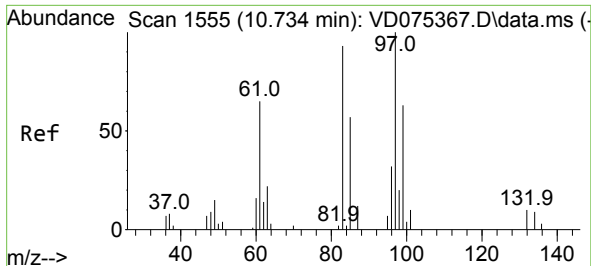
Tgt Ion: 75 Resp: 16006
 Ion Ratio Lower Upper
 75 100
 77 26.0 26.3 39.5#



#54
 cis-1,3-Dichloropropene
 Concen: 21.455 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

Tgt Ion: 75 Resp: 19205
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 39 51.7 44.8 67.2

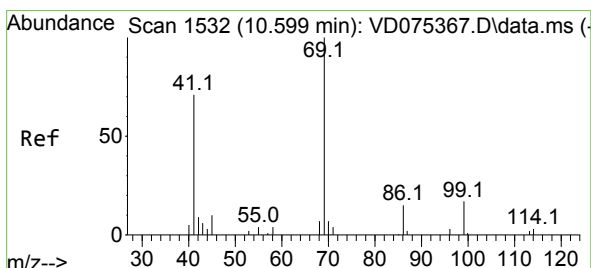
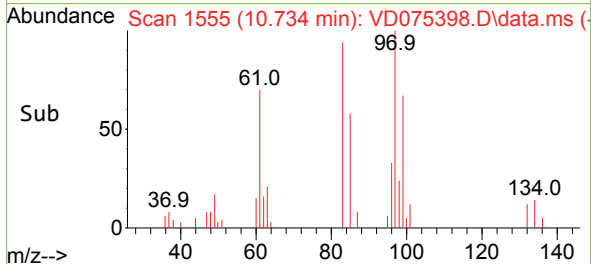
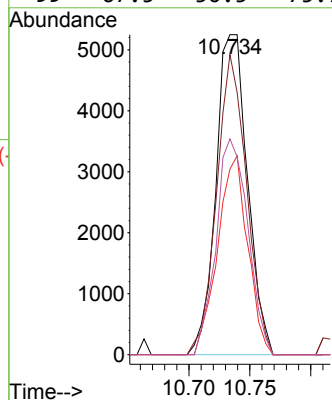
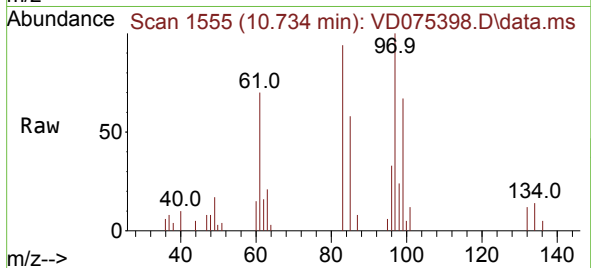




#55
1,1,2-Trichloroethane
Concen: 20.671 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

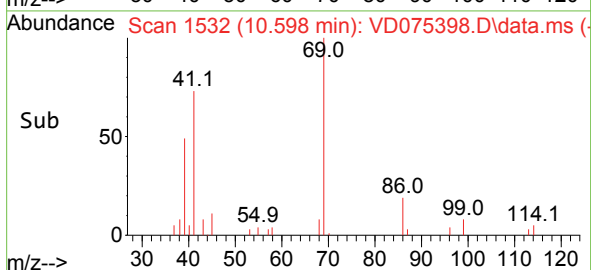
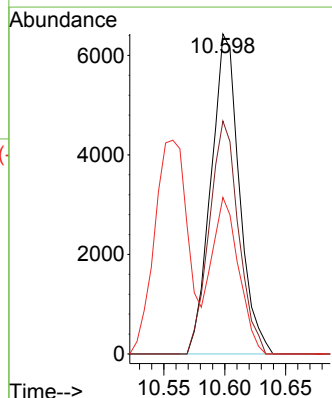
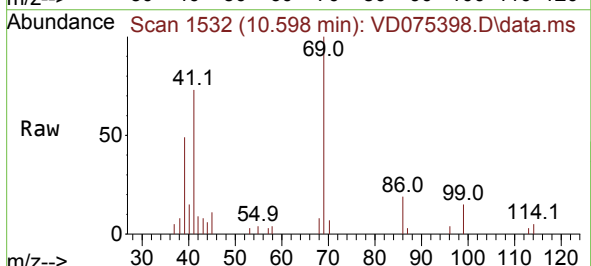
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

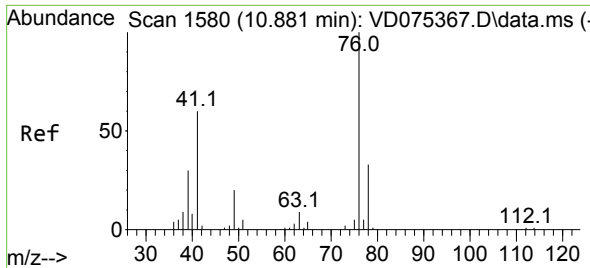
Tgt Ion: 97	Resp: 9491
Ion Ratio	Lower Upper
97 100	
83 93.8	74.2 111.4
85 58.0	45.4 68.0
99 67.5	50.5 75.7



#56
Ethyl methacrylate
Concen: 20.428 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 69	Resp: 10437
Ion Ratio	Lower Upper
69 100	
41 74.9	59.3 88.9
39 46.0	36.0 54.0

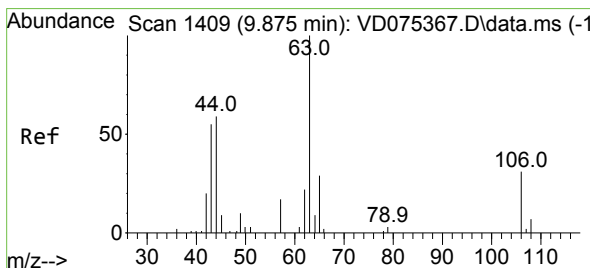
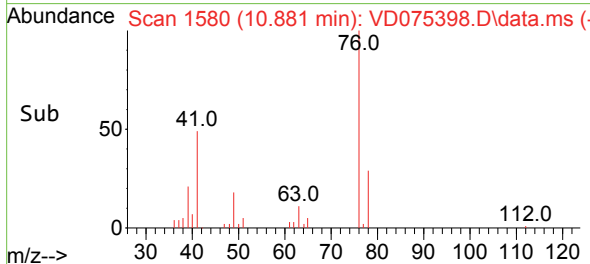
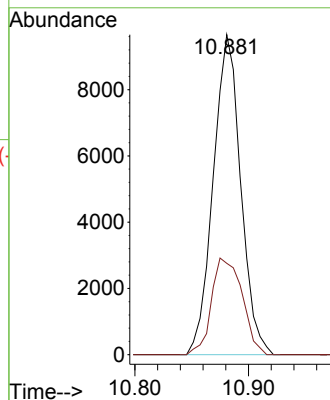
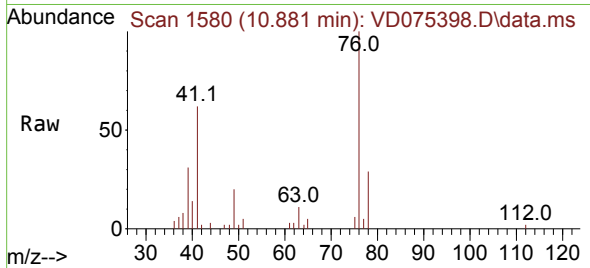




#57
1,3-Dichloropropane
Concen: 20.553 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

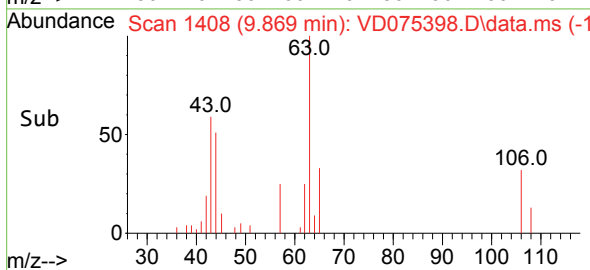
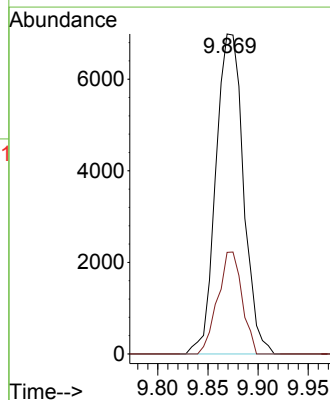
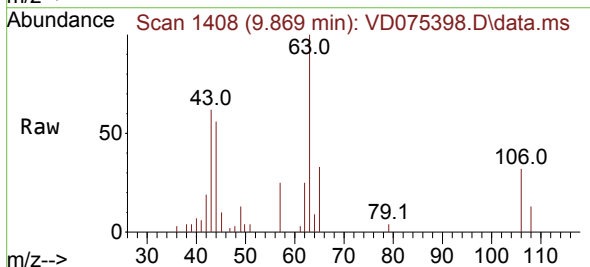
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

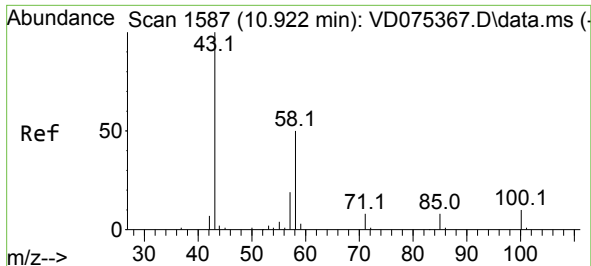
Tgt Ion: 76 Resp: 16253
Ion Ratio Lower Upper
76 100
78 33.6 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 121.330 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 63 Resp: 13384
Ion Ratio Lower Upper
63 100
106 27.9 21.4 32.2

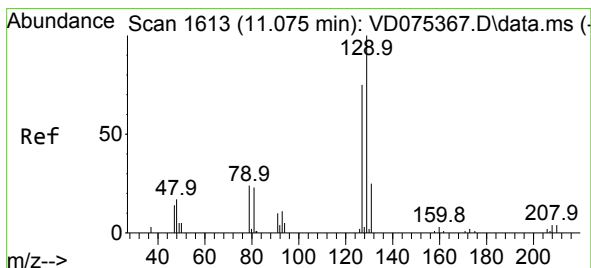
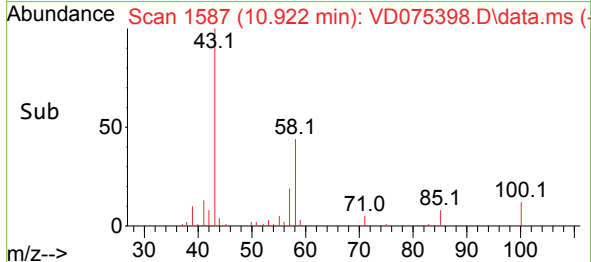
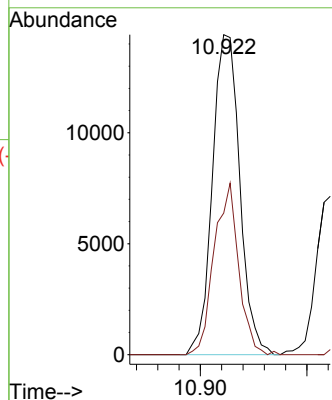
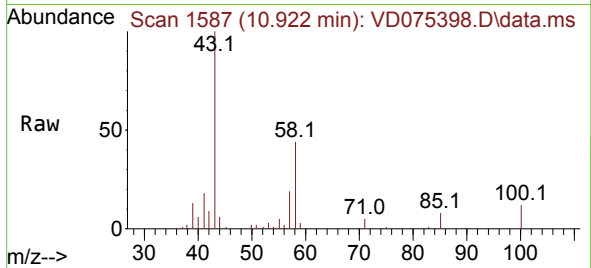




#59
2-Hexanone
Concen: 100.248 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

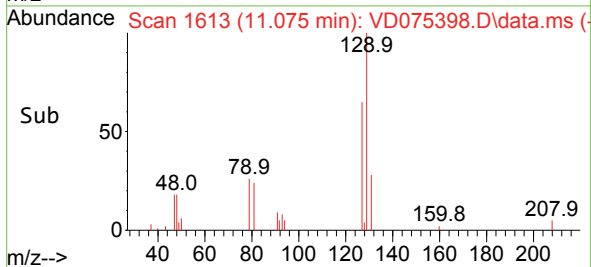
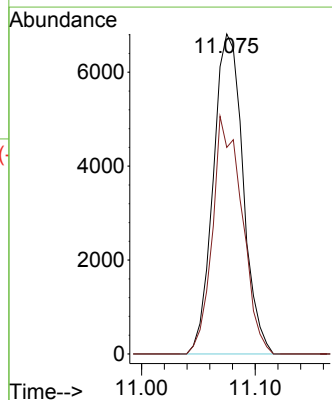
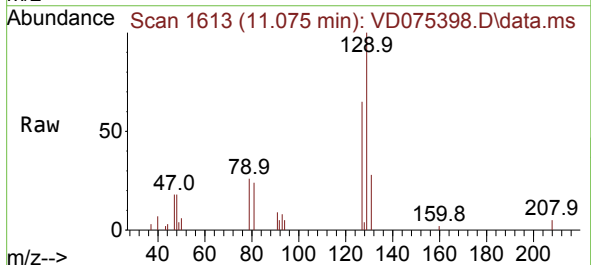
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

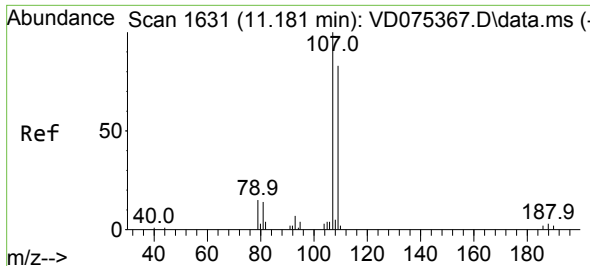
Tgt Ion: 43 Resp: 25685
Ion Ratio Lower Upper
43 100
58 48.1 25.3 75.8



#60
Dibromochloromethane
Concen: 21.144 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 129 Resp: 12412
Ion Ratio Lower Upper
129 100
127 73.5 38.1 114.5

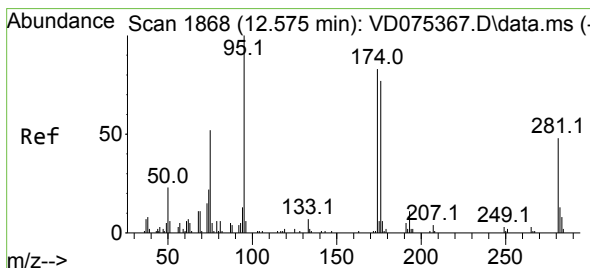
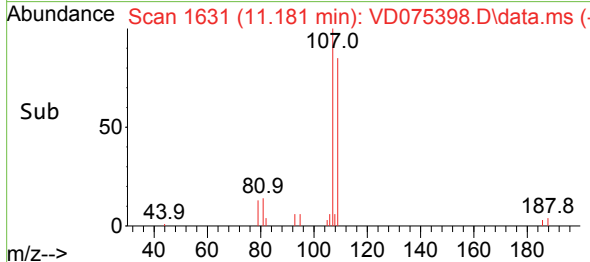
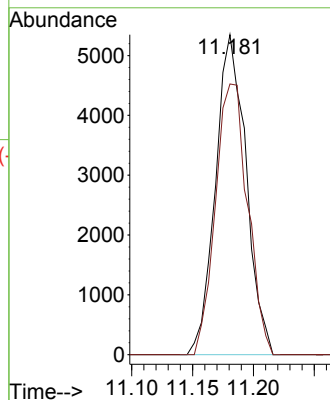
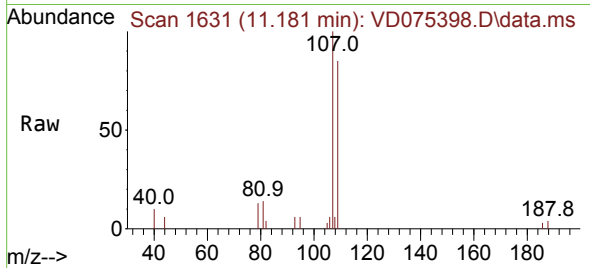




#61
1,2-Dibromoethane
Concen: 21.465 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

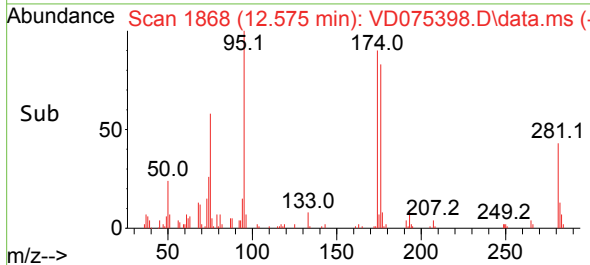
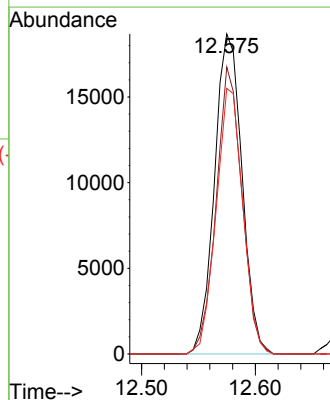
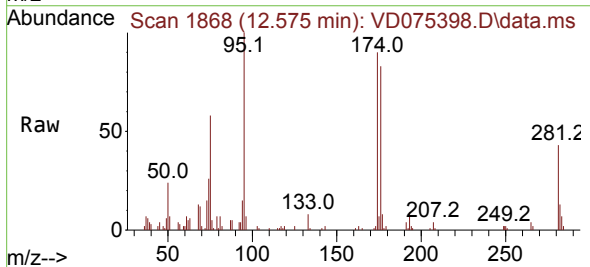
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

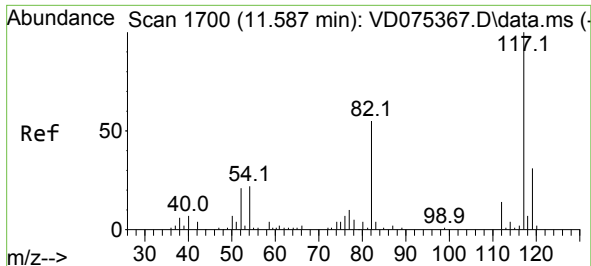
Tgt Ion:107 Resp: 9345
Ion Ratio Lower Upper
107 100
109 89.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.629 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 95 Resp: 31397
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 80.7 0.0 156.8

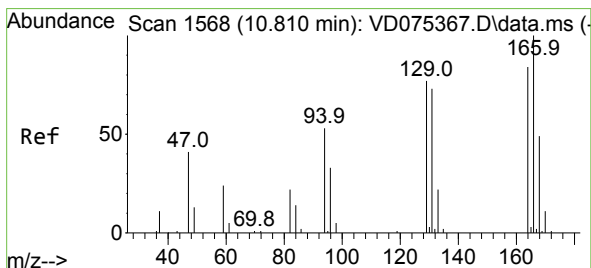
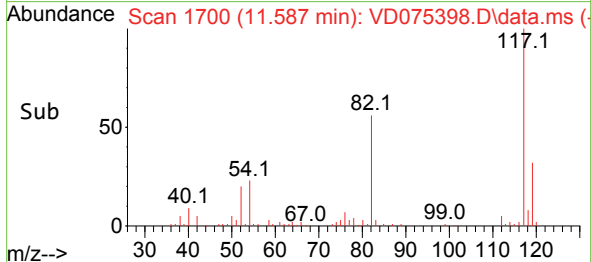
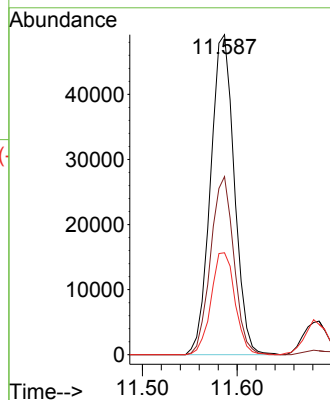
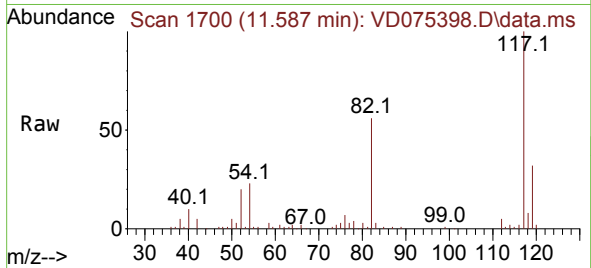




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

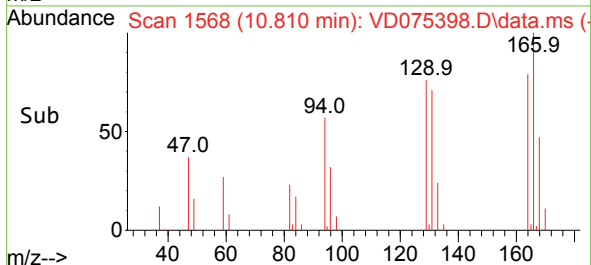
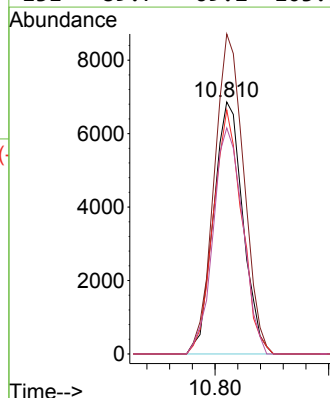
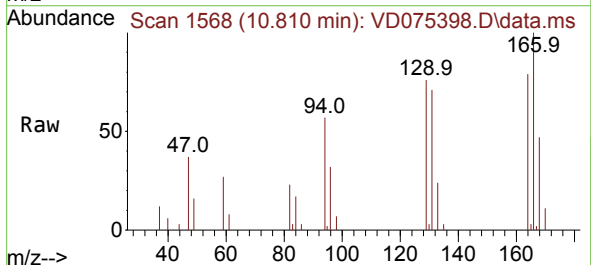
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

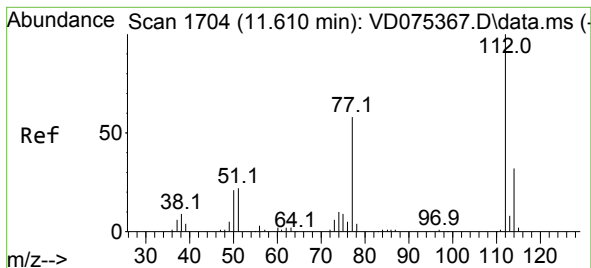
Tgt Ion:117 Resp: 85709
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 20.129 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:164 Resp: 12349
Ion Ratio Lower Upper
164 100
166 127.0 94.9 142.3
129 96.8 73.0 109.6
131 89.7 69.2 103.8





#65

Chlorobenzene

Concen: 20.160 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

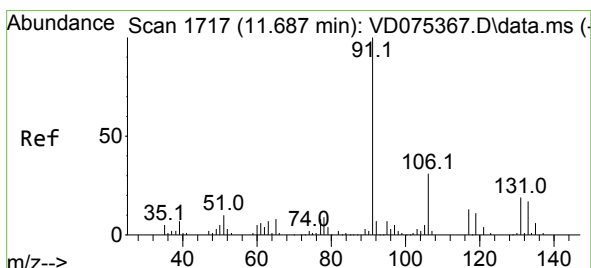
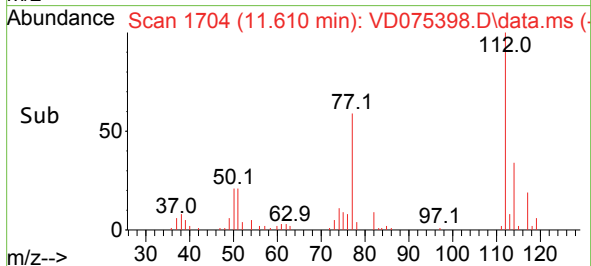
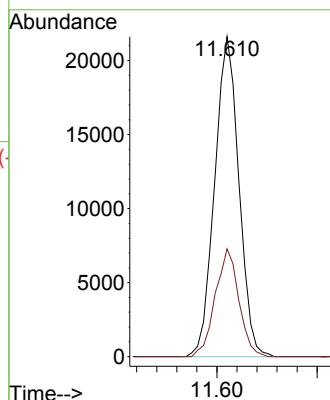
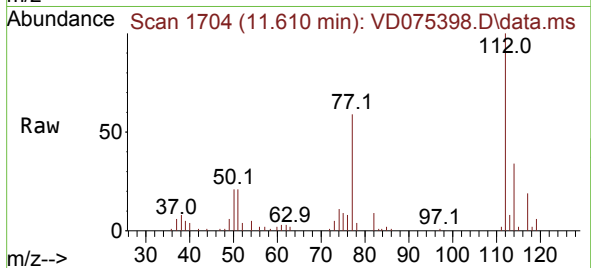
VD0222SBSD01

Tgt Ion:112 Resp: 36140

Ion Ratio Lower Upper

112 100

114 33.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.660 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

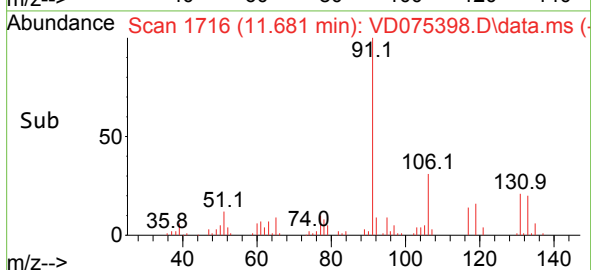
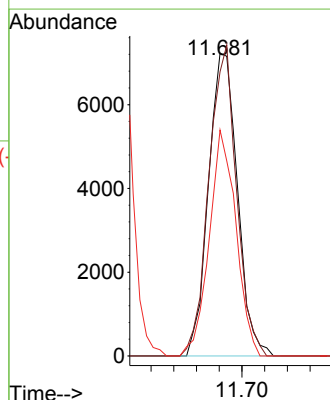
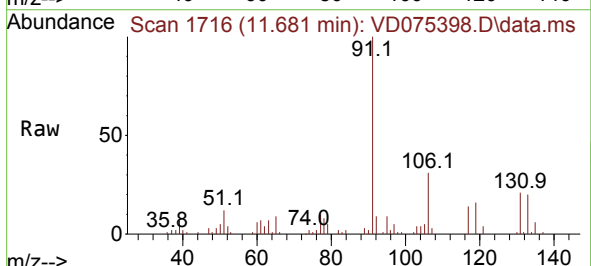
Tgt Ion:131 Resp: 12798

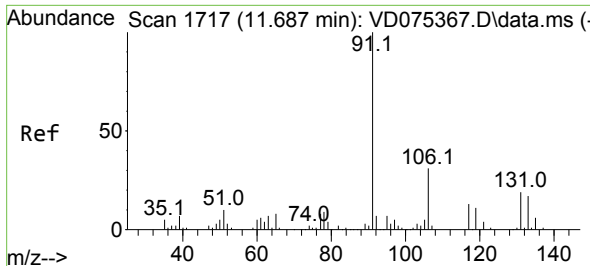
Ion Ratio Lower Upper

131 100

133 98.0 46.7 140.0

119 68.9 31.9 95.9

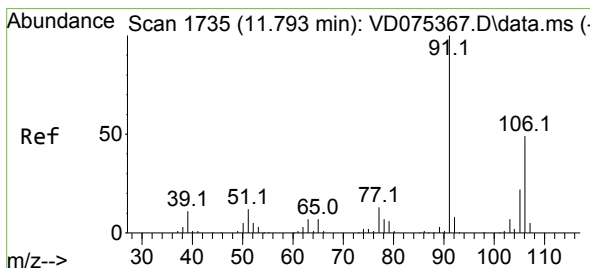
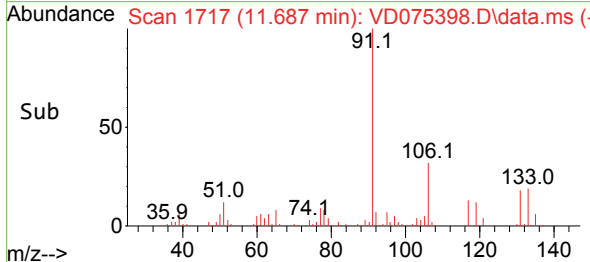
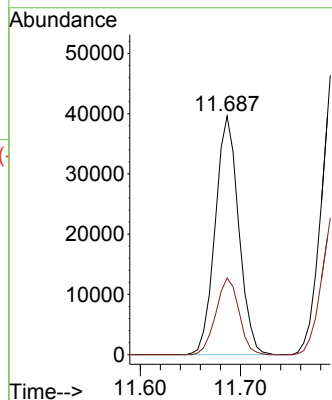
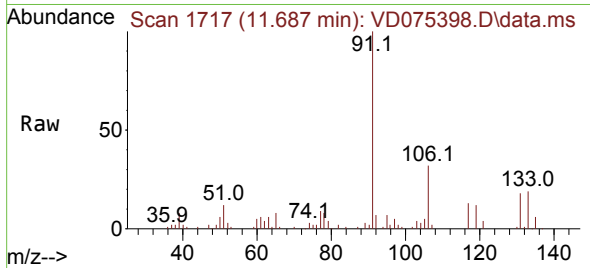




#67
Ethyl Benzene
Concen: 19.798 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

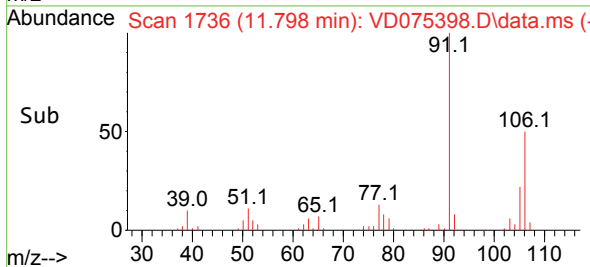
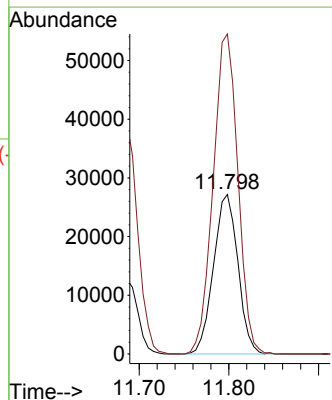
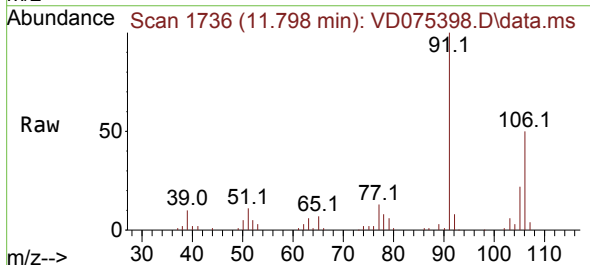
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

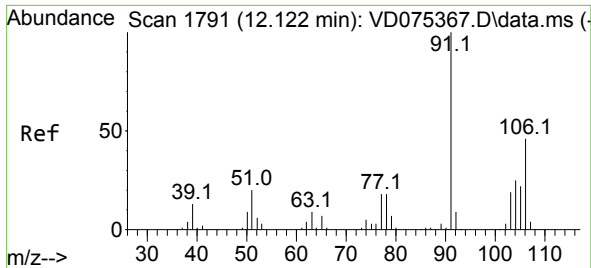
Tgt Ion: 91 Resp: 64364
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 40.259 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:106 Resp: 51305
Ion Ratio Lower Upper
106 100
91 203.1 161.5 242.3

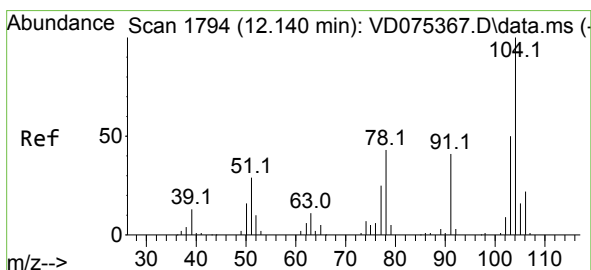
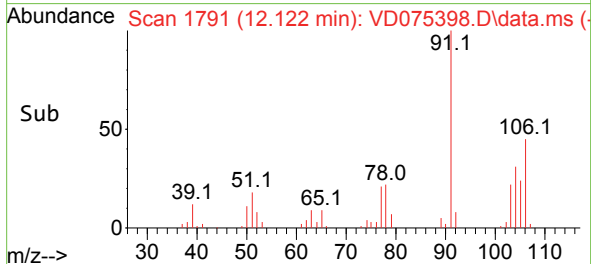
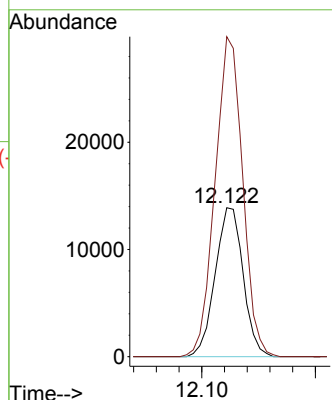
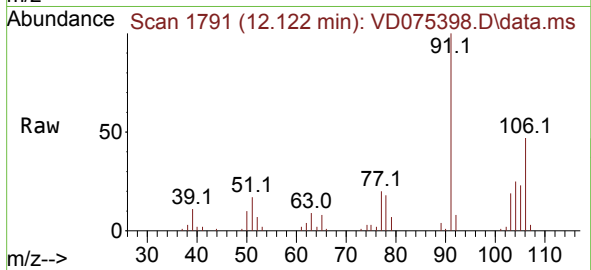




#69
o-Xylene
Concen: 20.335 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

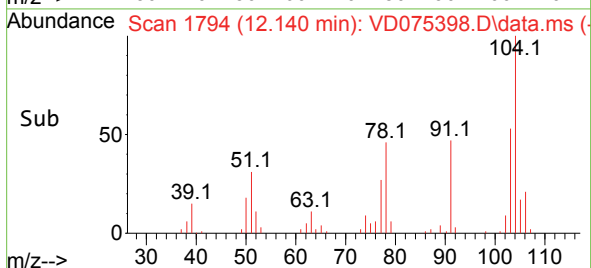
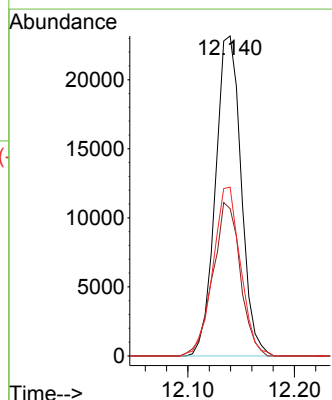
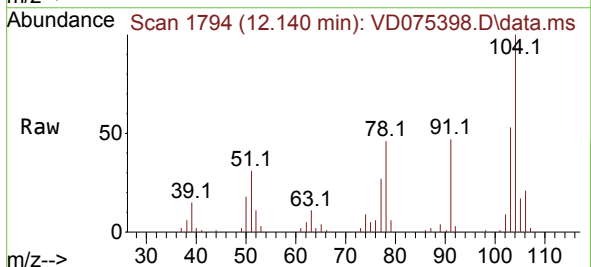
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

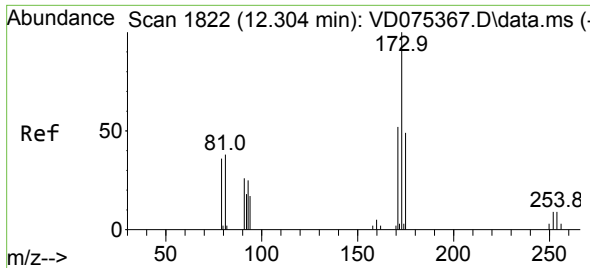
Tgt Ion:106 Resp: 23733
Ion Ratio Lower Upper
106 100
91 212.1 105.7 317.1



#70
Styrene
Concen: 19.903 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:104 Resp: 38769
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.4
103 56.5 44.2 66.2

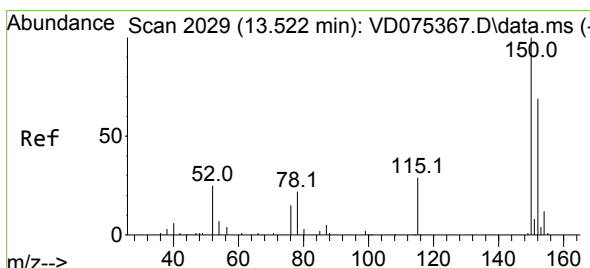
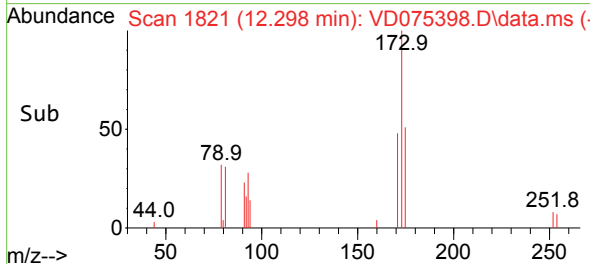
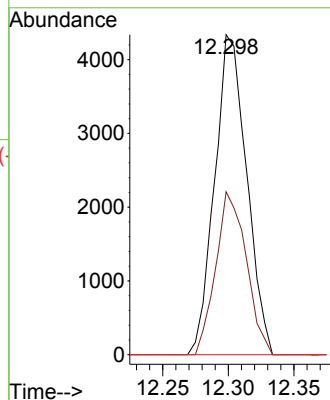
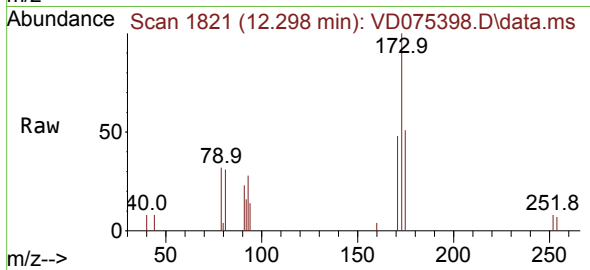




#71
Bromoform
Concen: 22.046 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

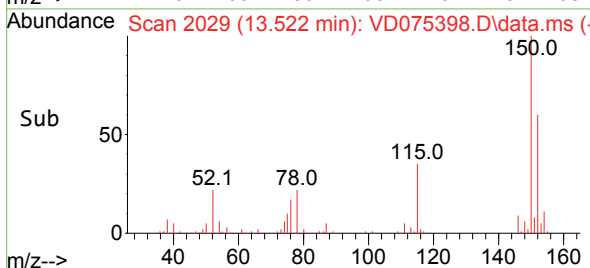
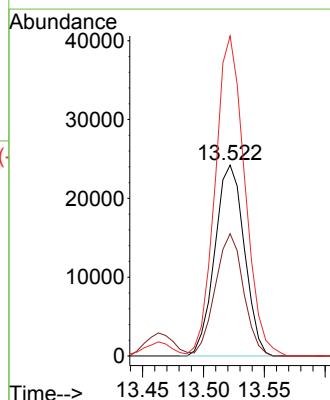
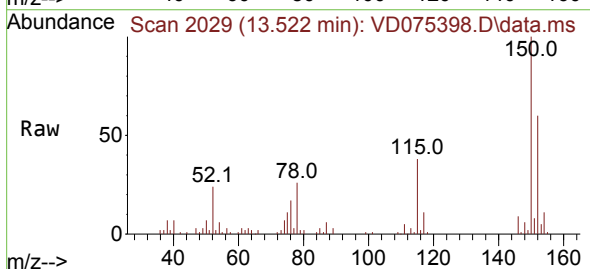
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

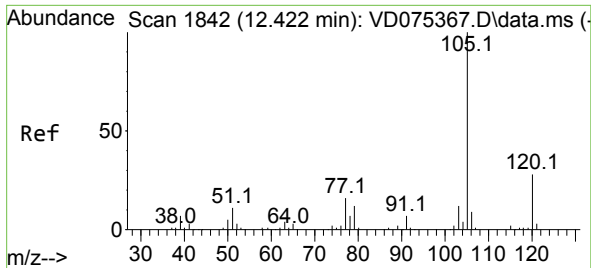
Tgt Ion:173 Resp: 7355
Ion Ratio Lower Upper
173 100
175 48.6 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:152 Resp: 40936
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 167.9 0.0 364.8

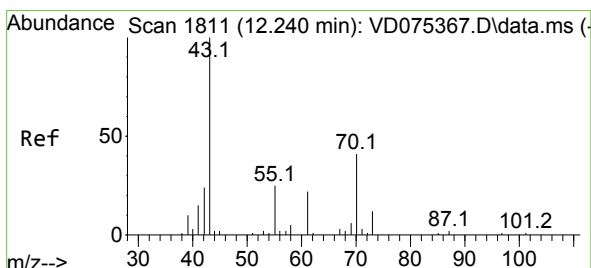
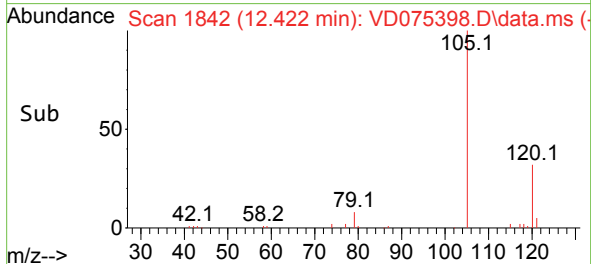
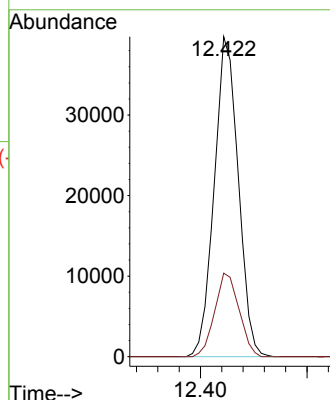
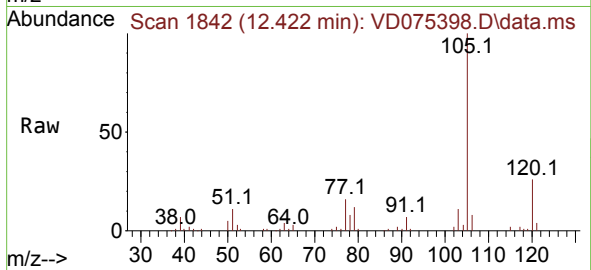




#73
Isopropylbenzene
Concen: 20.106 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

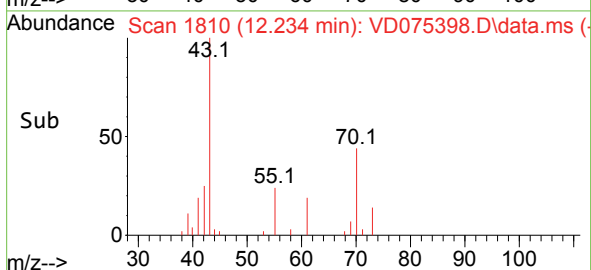
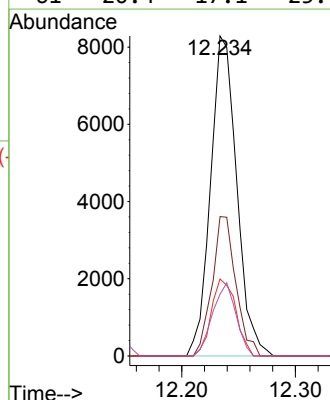
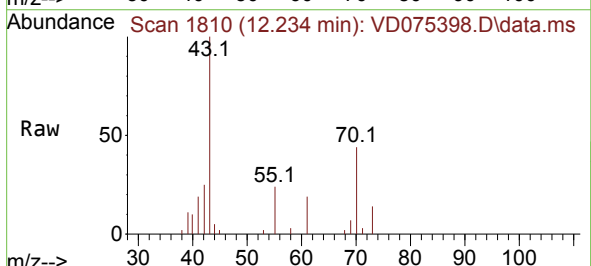
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

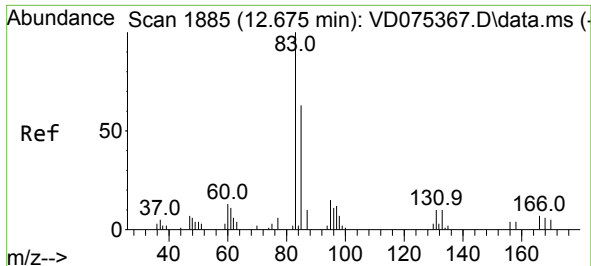
Tgt Ion:105 Resp: 62059
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 20.096 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
70 39.6 31.0 46.4
55 22.4 18.6 28.0
61 20.4 17.1 25.7

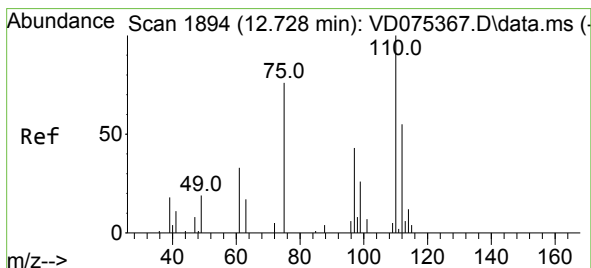
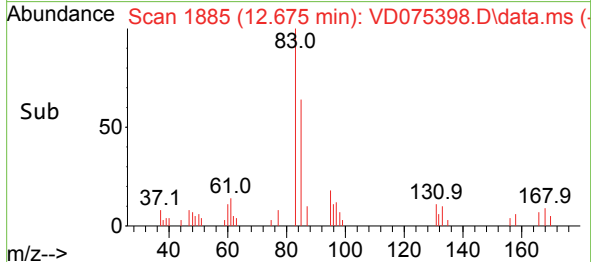
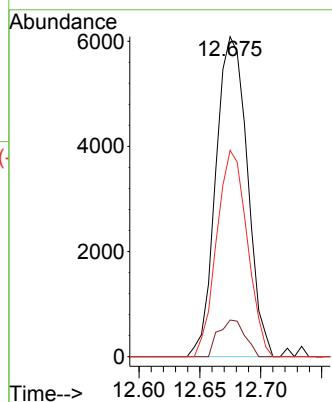
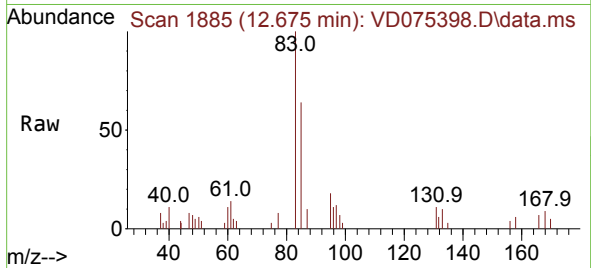




#75
1,1,2,2-Tetrachloroethane
Concen: 21.190 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

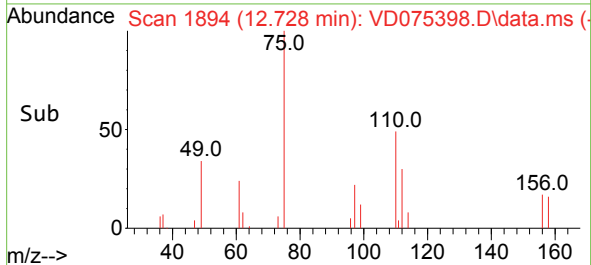
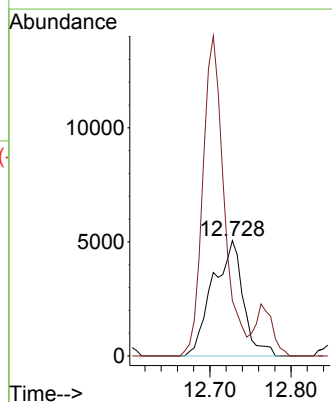
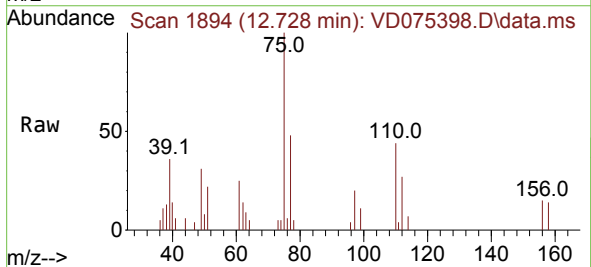
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

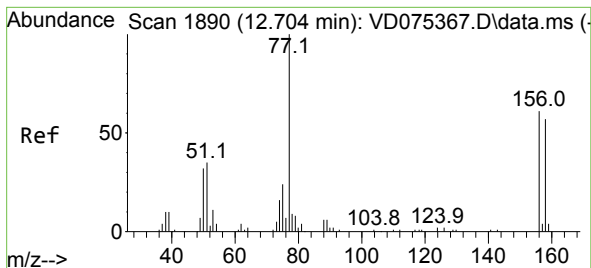
Tgt Ion: 83 Resp: 10961
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 62.5 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 44.602 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 75 Resp: 13219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.647 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

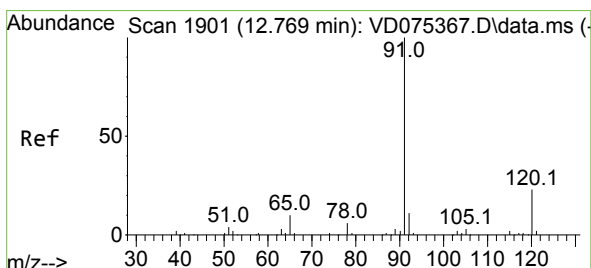
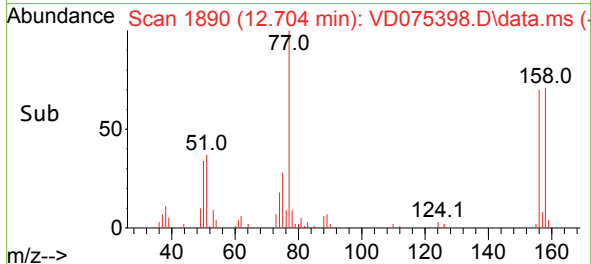
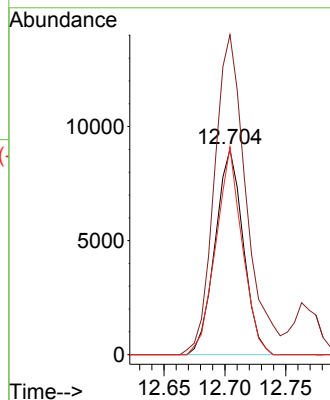
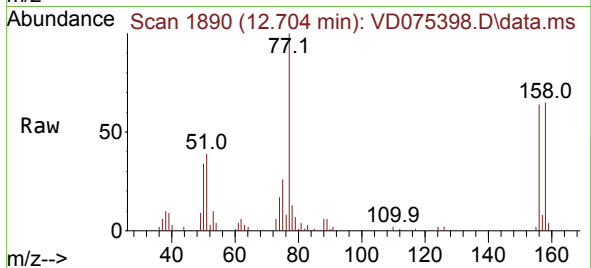
Tgt Ion:156 Resp: 14404

Ion Ratio Lower Upper

156 100

77 176.7 89.5 268.6

158 95.4 47.8 143.4



#78

n-propylbenzene

Concen: 20.282 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075398.D

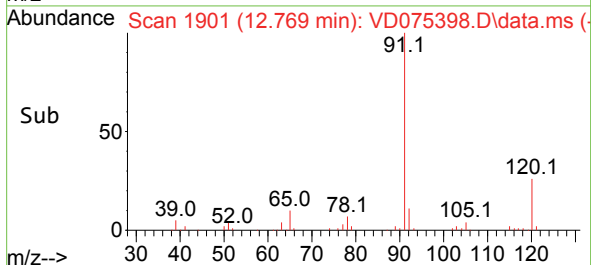
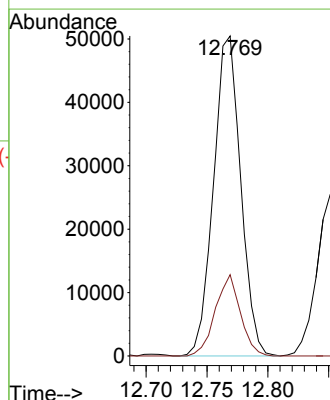
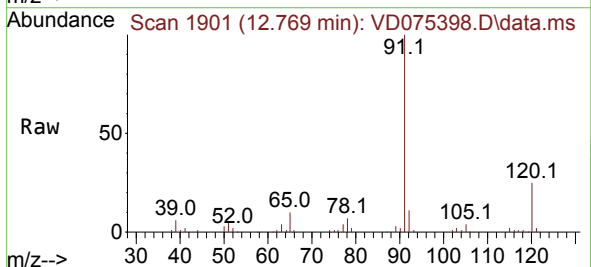
Acq: 22 Feb 2023 13:44

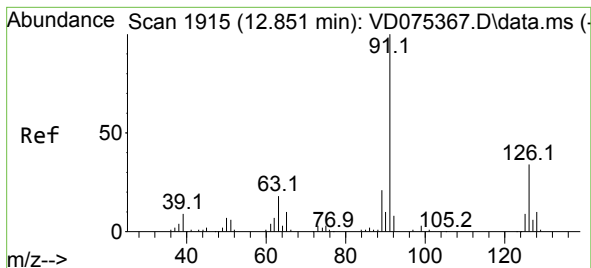
Tgt Ion: 91 Resp: 78330

Ion Ratio Lower Upper

91 100

120 23.4 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.523 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

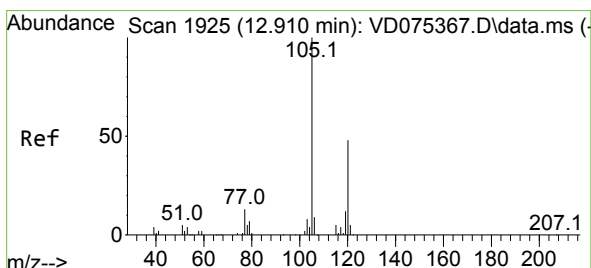
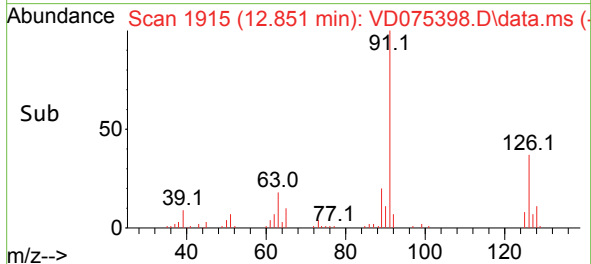
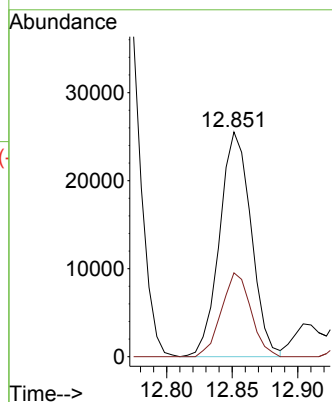
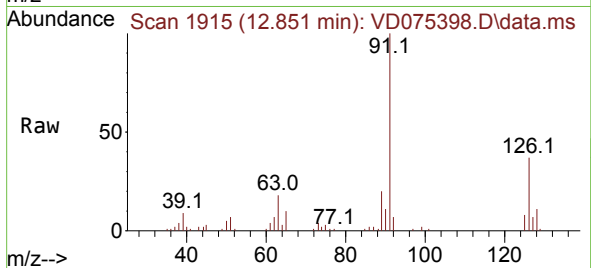
VD0222SBSD01

Tgt Ion: 91 Resp: 42801

Ion Ratio Lower Upper

91 100

126 34.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.736 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075398.D

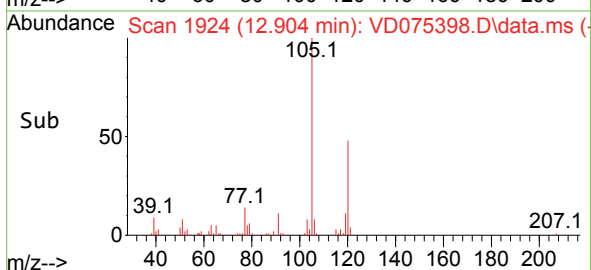
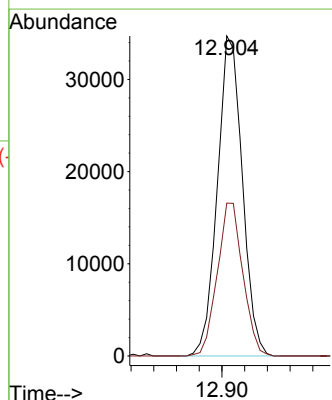
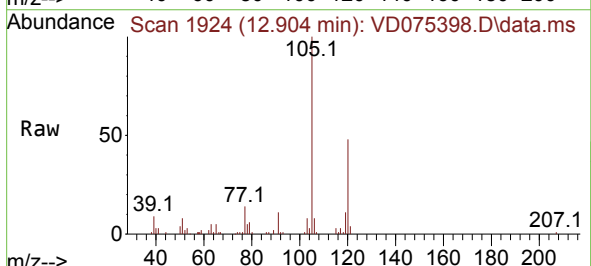
Acq: 22 Feb 2023 13:44

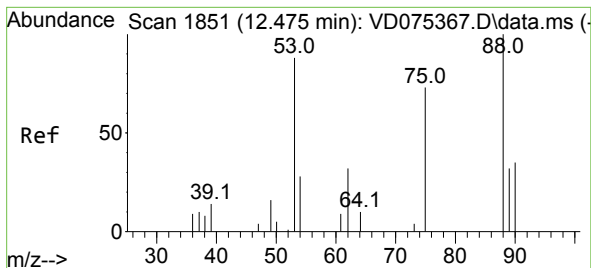
Tgt Ion: 105 Resp: 52970

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

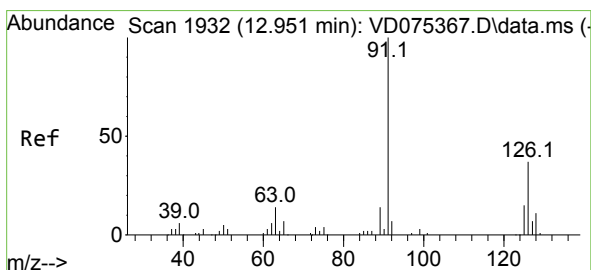
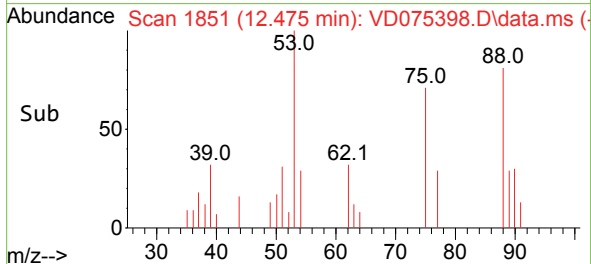
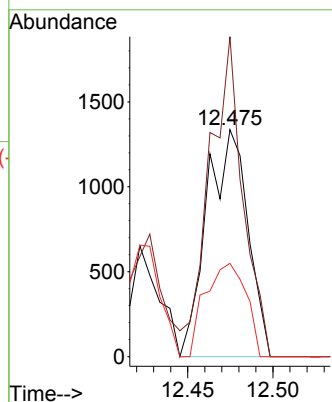
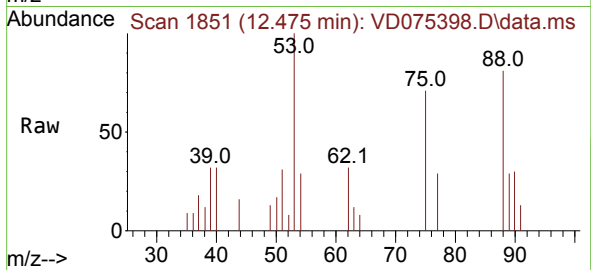




#81
trans-1,4-Dichloro-2-butene
Concen: 21.419 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

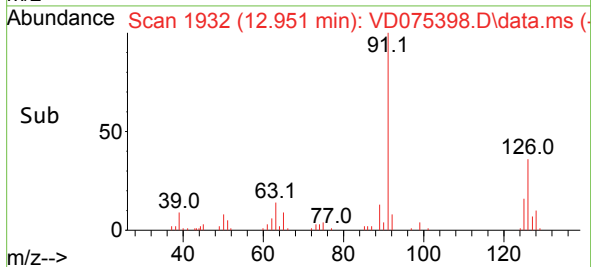
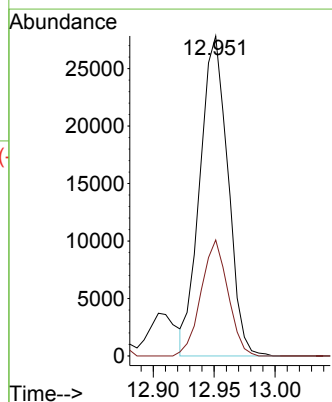
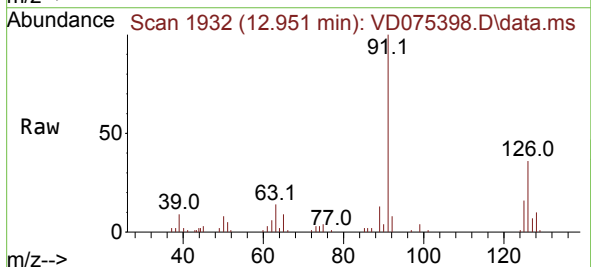
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

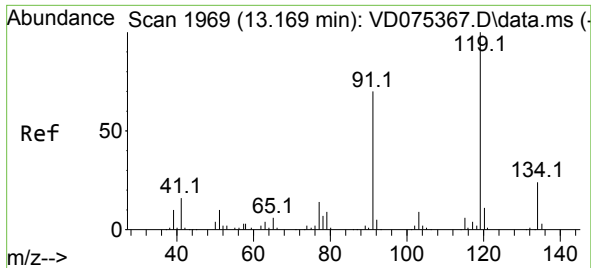
Tgt Ion: 75 Resp: 2237
Ion Ratio Lower Upper
75 100
53 114.3 90.5 135.7
89 40.8 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.172 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 91 Resp: 44384
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

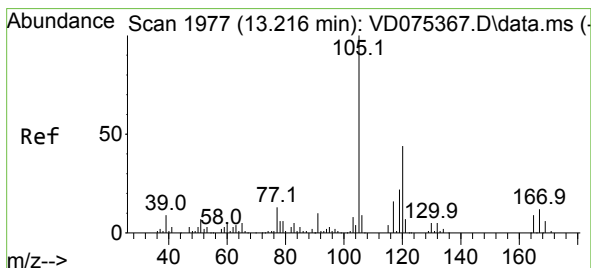
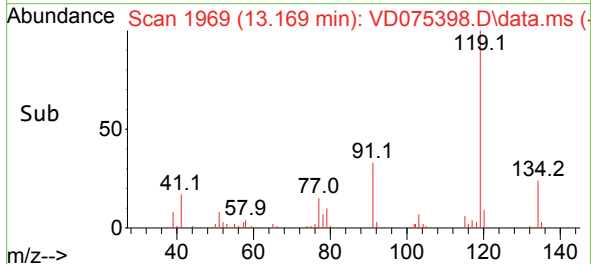
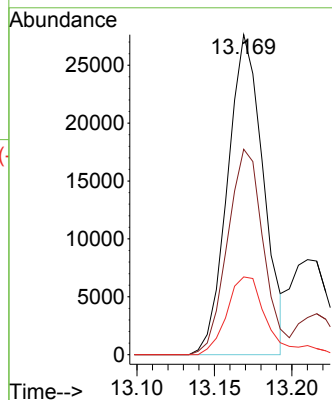
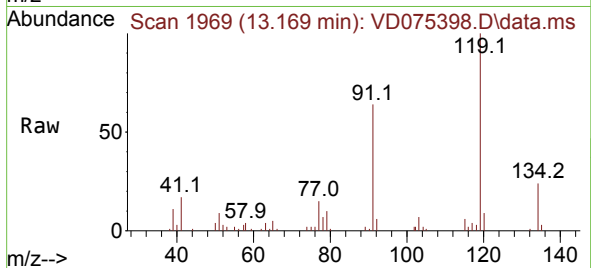




#83
tert-Butylbenzene
Concen: 20.003 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

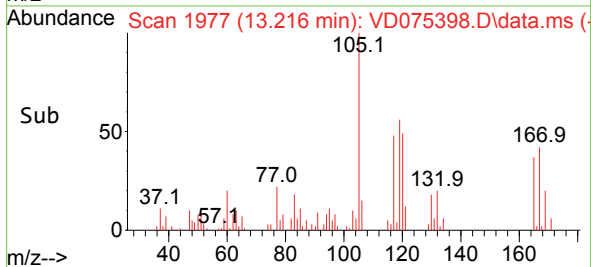
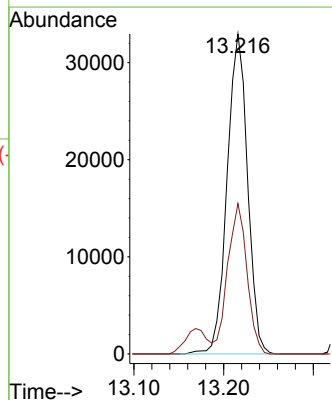
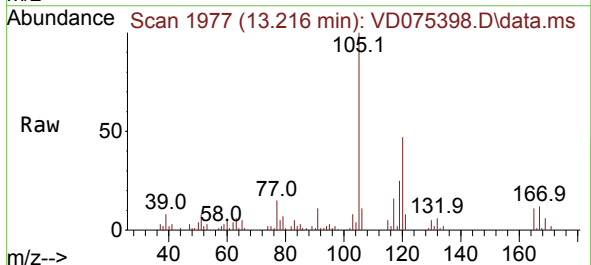
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

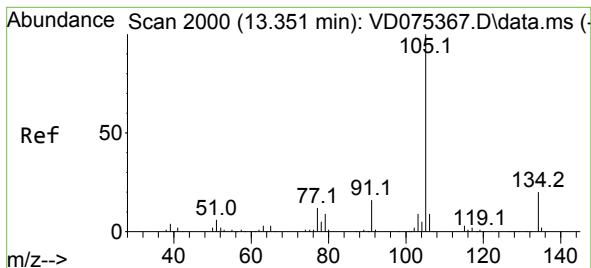
Tgt Ion:119 Resp: 44294
Ion Ratio Lower Upper
119 100
91 64.9 32.4 97.0
134 27.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.646 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion:105 Resp: 52091
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.012 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

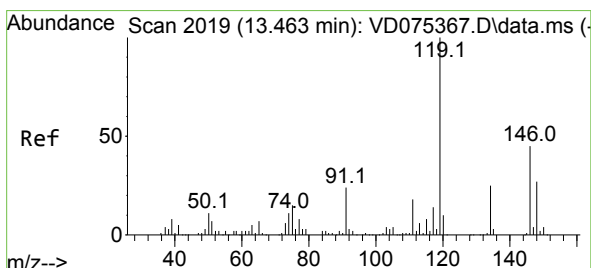
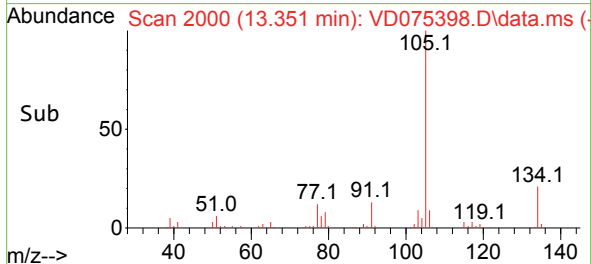
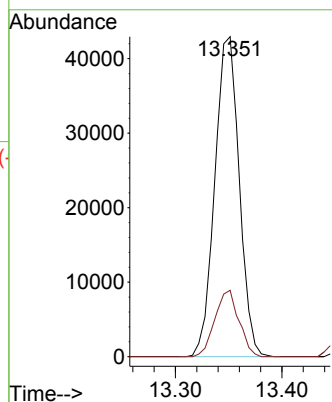
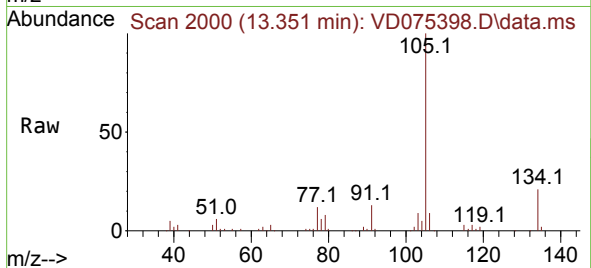
VD0222SBSD01

Tgt Ion:105 Resp: 68268

Ion Ratio Lower Upper

105 100

134 20.4 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.555 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

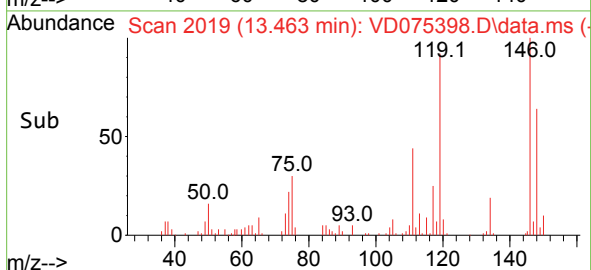
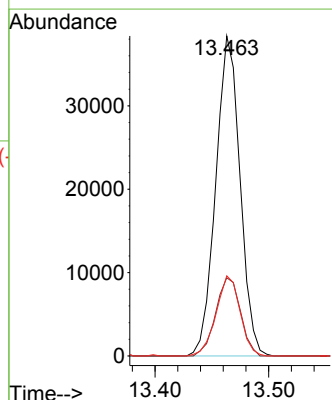
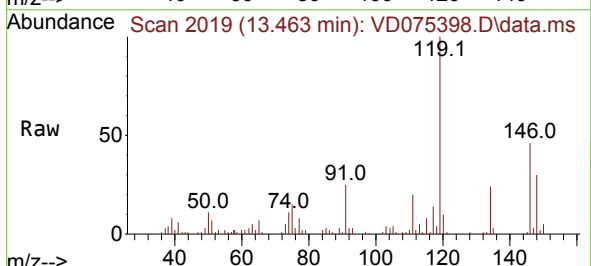
Tgt Ion:119 Resp: 56967

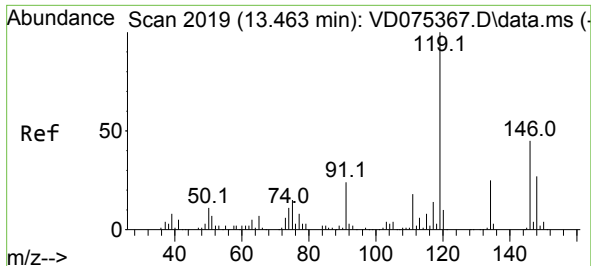
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.3

91 24.7 12.4 37.4

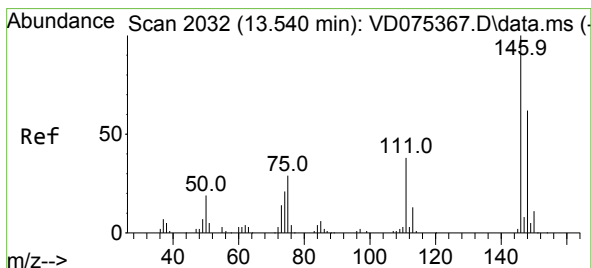
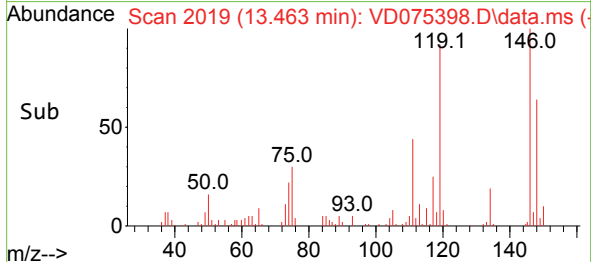
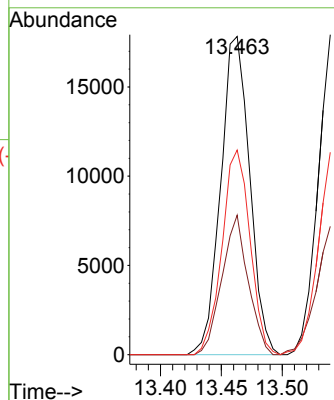
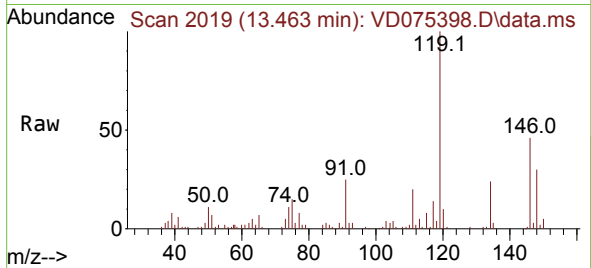




#87
 1,3-Dichlorobenzene
 Concen: 20.592 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

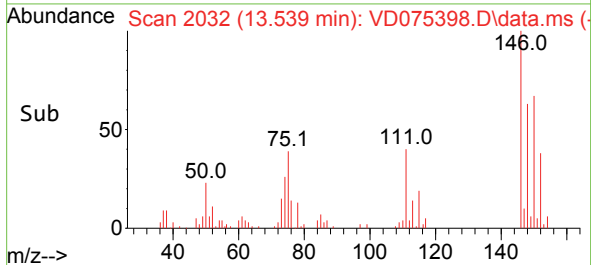
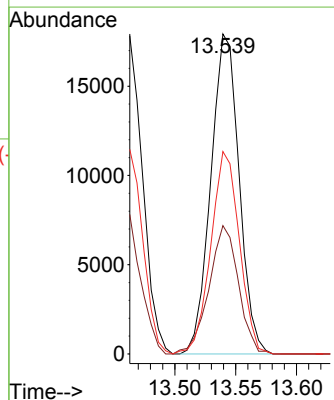
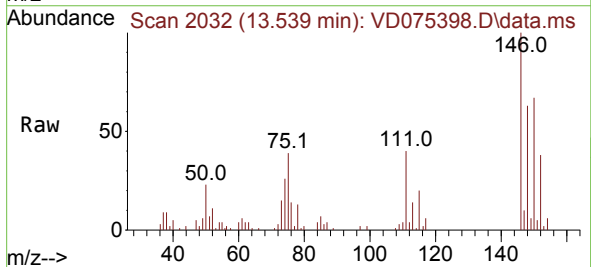
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

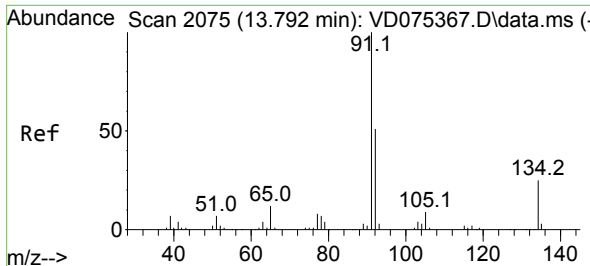
Tgt Ion:146 Resp: 29588
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 62.1 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 20.598 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD075398.D
 Acq: 22 Feb 2023 13:44

Tgt Ion:146 Resp: 29037
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.6 58.8
 148 63.8 31.7 95.1

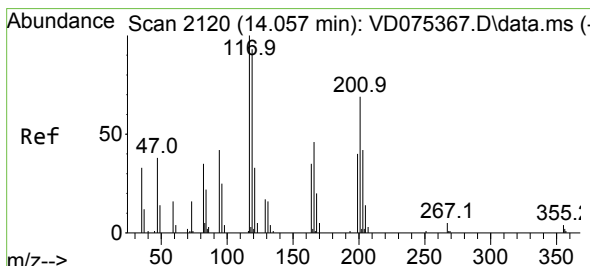
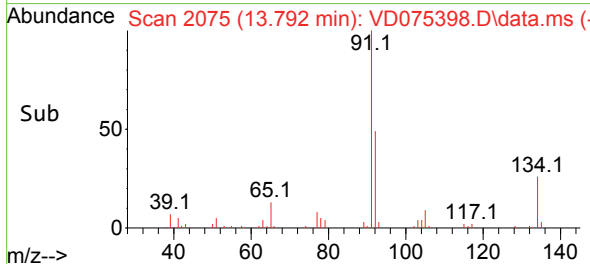
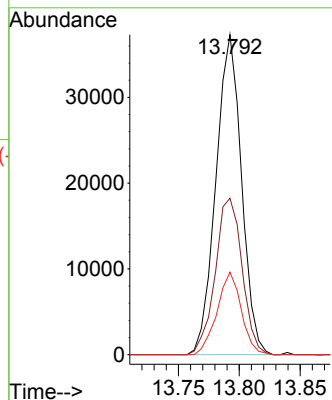
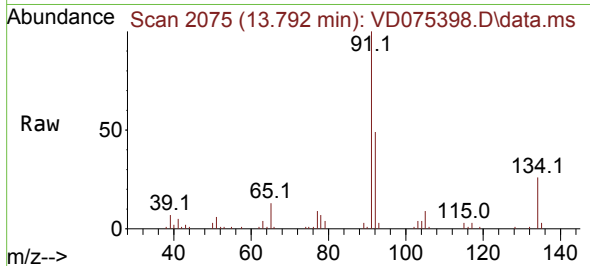




#89
n-Butylbenzene
Concen: 19.998 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

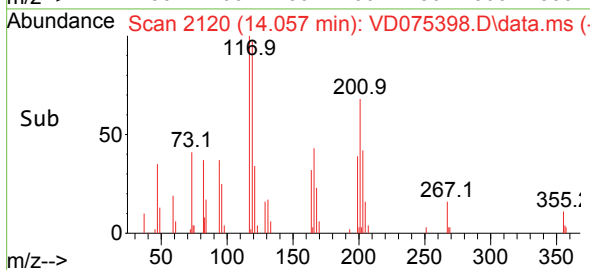
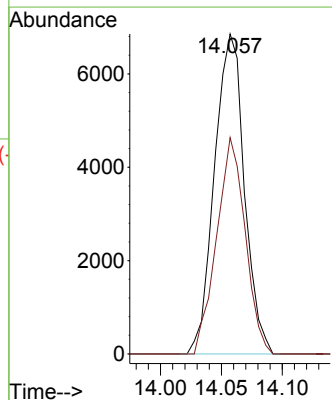
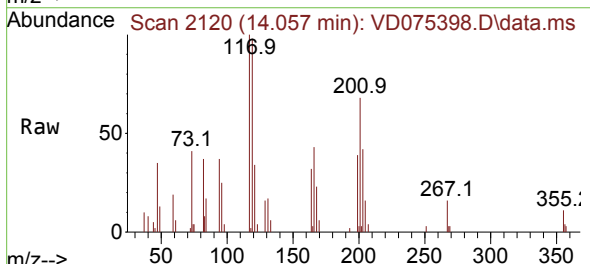
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

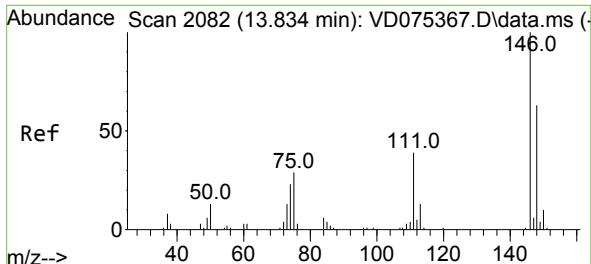
Tgt Ion: 91 Resp: 54522
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 24.4 12.7 38.0



#90
Hexachloroethane
Concen: 21.047 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075398.D
Acq: 22 Feb 2023 13:44

Tgt Ion: 117 Resp: 11701
Ion Ratio Lower Upper
117 100
201 64.6 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.891 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

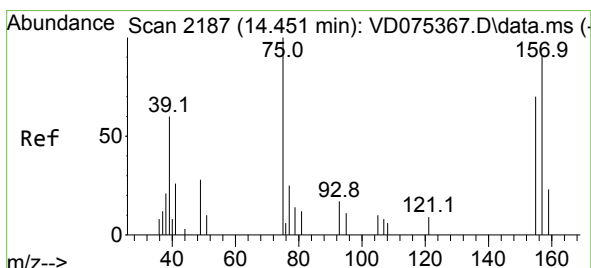
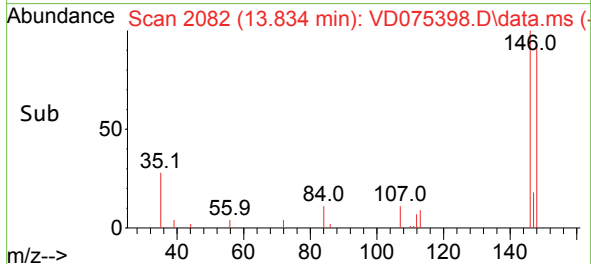
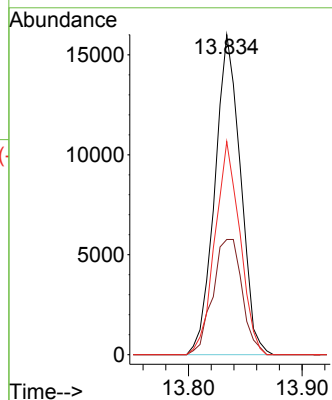
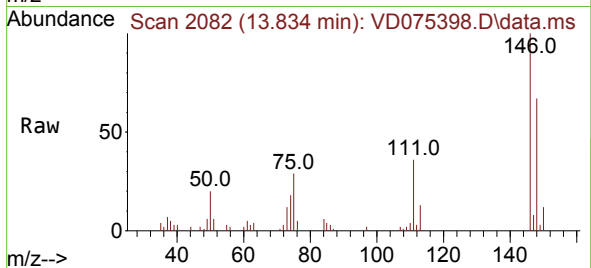
Tgt Ion:146 Resp: 25169

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 64.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.458 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

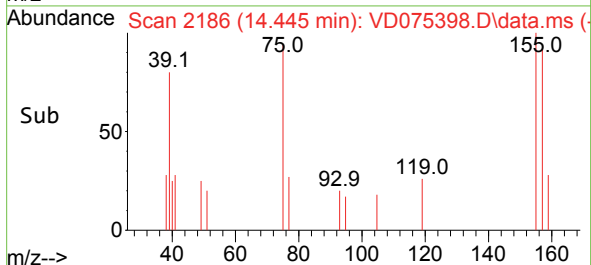
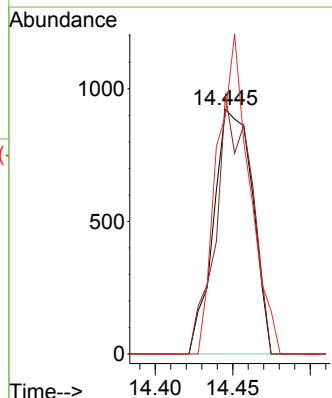
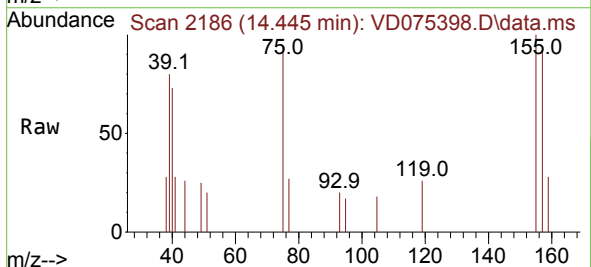
Tgt Ion: 75 Resp: 1608

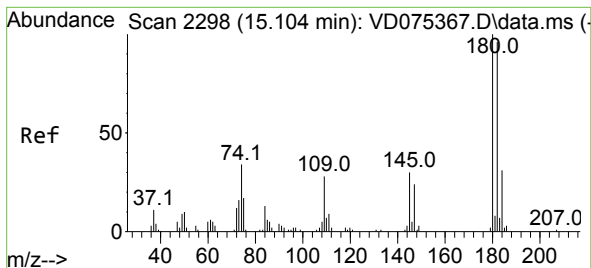
Ion Ratio Lower Upper

75 100

155 96.2 39.5 118.5

157 108.5 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.005 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

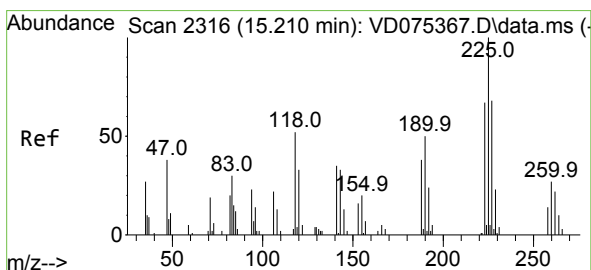
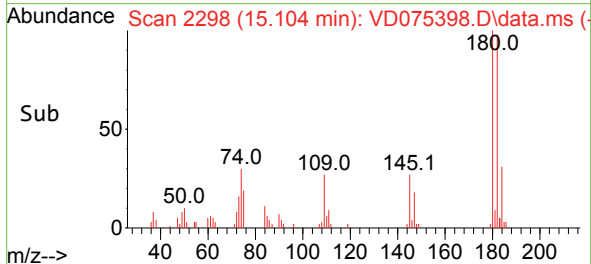
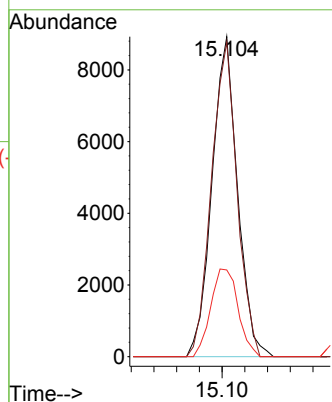
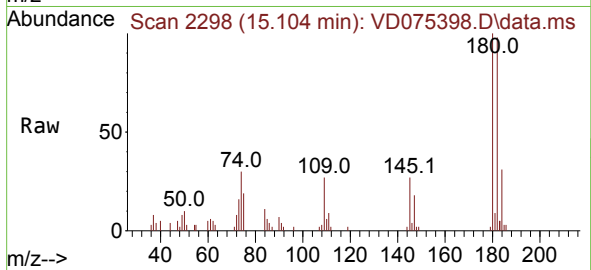
Tgt Ion:180 Resp: 13923

Ion Ratio Lower Upper

180 100

182 98.3 47.9 143.7

145 29.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.836 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

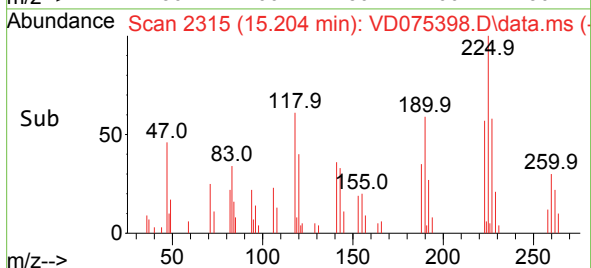
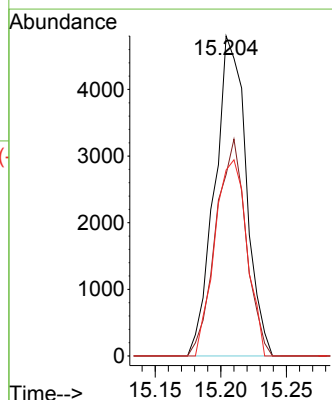
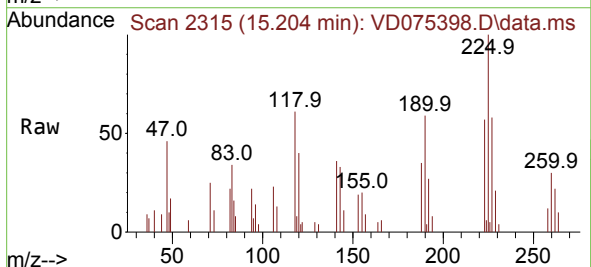
Tgt Ion:225 Resp: 7987

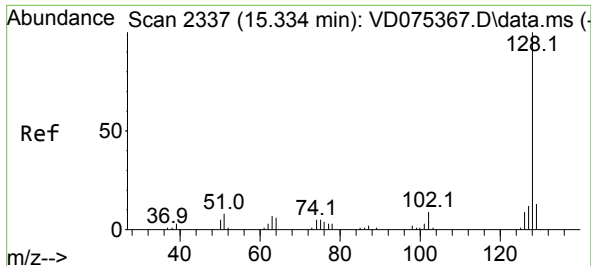
Ion Ratio Lower Upper

225 100

223 65.6 33.1 99.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 20.128 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD075398.D

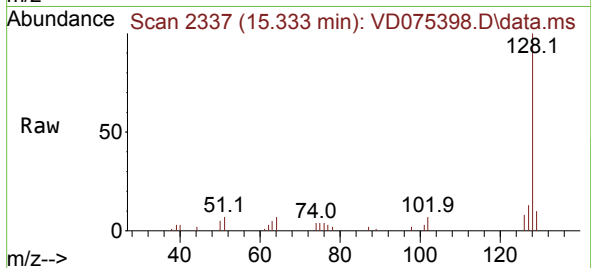
Acq: 22 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01



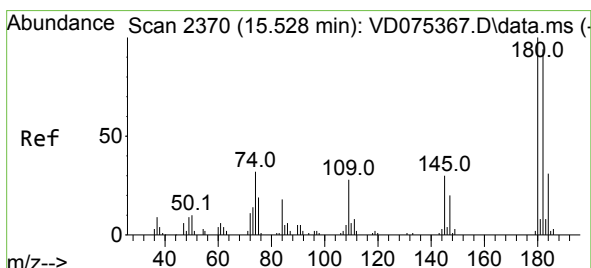
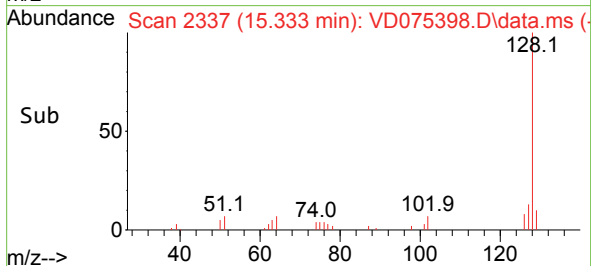
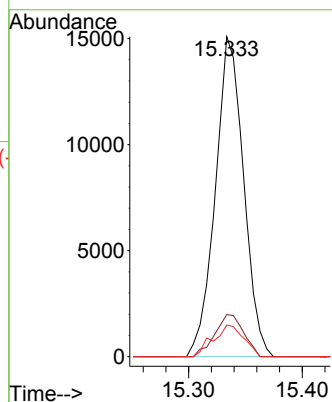
Tgt Ion:128 Resp: 26087

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.852 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075398.D

Acq: 22 Feb 2023 13:44

Tgt Ion:180 Resp: 12297

Ion Ratio Lower Upper

180 100

182 99.1 47.7 143.1

145 34.9 16.4 49.4

