

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078461.D
 Acq On : 19 Feb 2024 13:50
 Operator : RP/MD
 Sample : VD0219SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Quant Time: Feb 19 23:48:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	230529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71528	45.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.810	113	79007	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.269	98	316366	49.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.569	95	91141	49.423	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24829	17.387	ug/l	95
3) Chloromethane	2.152	50	44564	16.981	ug/l	97
4) Vinyl Chloride	2.281	62	69733	17.413	ug/l	100
5) Bromomethane	2.681	94	50405	18.235	ug/l	98
6) Chloroethane	2.834	64	54915	18.805	ug/l	98
7) Trichlorofluoromethane	3.169	101	53719	19.885	ug/l	90
8) Diethyl Ether	3.593	74	14428	18.543	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	34361	20.162	ug/l	95
10) Methyl Iodide	4.163	142	29256	19.167	ug/l #	89
11) Tert butyl alcohol	5.057	59	9040	103.114	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	29981	18.975	ug/l	81
13) Acrolein	3.799	56	14520	100.294	ug/l	99
14) Allyl chloride	4.569	41	35514	18.195	ug/l	91
15) Acrylonitrile	5.269	53	32436	97.378	ug/l	98
16) Acetone	4.028	43	37649	109.504	ug/l #	80
17) Carbon Disulfide	4.275	76	88502	16.647	ug/l	96
18) Methyl Acetate	4.563	43	12544	14.314	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	61516	18.325	ug/l	97
20) Methylene Chloride	4.804	84	42049	21.953	ug/l #	89
21) trans-1,2-Dichloroethene	5.310	96	34372	18.492	ug/l	92
22) Diisopropyl ether	6.222	45	79606	18.504	ug/l	98
23) Vinyl Acetate	6.151	43	241050	129.982	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	59295	19.456	ug/l	96
25) 2-Butanone	7.087	43	44084	101.718	ug/l	90
26) 2,2-Dichloropropane	7.075	77	50424	19.737	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	38244	18.754	ug/l	95
28) Bromochloromethane	7.428	49	25414	21.054	ug/l	86
29) Tetrahydrofuran	7.451	42	21999	94.394	ug/l	90
30) Chloroform	7.598	83	61602	19.104	ug/l	97
31) Cyclohexane	7.881	56	46513	17.546	ug/l	98
32) 1,1,1-Trichloroethane	7.798	97	54789	19.929	ug/l	100
36) 1,1-Dichloropropene	8.010	75	46172	18.762	ug/l	99
37) Ethyl Acetate	7.175	43	16511	19.139	ug/l #	90
38) Carbon Tetrachloride	7.992	117	47912	19.659	ug/l	93
39) Methylcyclohexane	9.275	83	52450	17.953	ug/l	92
40) Benzene	8.251	78	139072	19.551	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	8834	19.676	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	35309	19.184	ug/l	97
43) Isopropyl Acetate	8.369	43	30241	18.931	ug/l	96
44) Trichloroethene	9.034	130	36300	20.003	ug/l	97
45) 1,2-Dichloropropane	9.304	63	32300	18.507	ug/l	91
46) Dibromomethane	9.398	93	19343	19.705	ug/l	88
47) Bromodichloromethane	9.581	83	48467	19.934	ug/l #	92
48) Methyl methacrylate	9.381	41	13534	15.969	ug/l	91
49) 1,4-Dioxane	9.386	88	4000	376.262	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	79867	94.200	ug/l	93
52) Toluene	10.333	92	85365	18.977	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	43746	19.718	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	52122	19.375	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	26919	20.363	ug/l	96
56) Ethyl methacrylate	10.598	69	26070	21.323	ug/l	89
57) 1,3-Dichloropropane	10.881	76	42265	18.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	63614	88.330	ug/l	97
59) 2-Hexanone	10.922	43	66132	103.791	ug/l	86
60) Dibromochloromethane	11.075	129	31473	19.787	ug/l	94
61) 1,2-Dibromoethane	11.180	107	23355	18.818	ug/l	94
64) Tetrachloroethene	10.804	164	29631	20.350	ug/l	93
65) Chlorobenzene	11.604	112	91500	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	34126	20.037	ug/l	96
67) Ethyl Benzene	11.686	91	159349	19.190	ug/l	98
68) m/p-Xylenes	11.792	106	128146	39.563	ug/l	95
69) o-Xylene	12.122	106	56721	19.189	ug/l	90
70) Styrene	12.133	104	99553	20.637	ug/l	97
71) Bromoform	12.298	173	18120	20.213	ug/l #	98
73) Isopropylbenzene	12.422	105	150713	19.899	ug/l	97
74) N-amyl acetate	12.233	43	27770	19.381	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	31126	20.718	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	34439	35.965	ug/l #	100
77) Bromobenzene	12.704	156	36009	20.230	ug/l	89
78) n-propylbenzene	12.763	91	195210	20.682	ug/l	96
79) 2-Chlorotoluene	12.851	91	101484	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	127152	20.218	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9277	20.113	ug/l	93
82) 4-Chlorotoluene	12.945	91	105681	19.465	ug/l	99
83) tert-Butylbenzene	13.169	119	111481	21.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	125152	19.608	ug/l	98
85) sec-Butylbenzene	13.345	105	173394	21.080	ug/l	96
86) p-Isopropyltoluene	13.457	119	141296	20.168	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	77186	20.318	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	77303	20.709	ug/l	99
89) n-Butylbenzene	13.786	91	135027	19.995	ug/l	97
90) Hexachloroethane	14.057	117	29542	20.516	ug/l	90
91) 1,2-Dichlorobenzene	13.833	146	66116	20.725	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4203	21.365	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	38941	20.770	ug/l	98
94) Hexachlorobutadiene	15.204	225	21128	21.590	ug/l	95
95) Naphthalene	15.327	128	68128	19.592	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	34762	21.877	ug/l	99

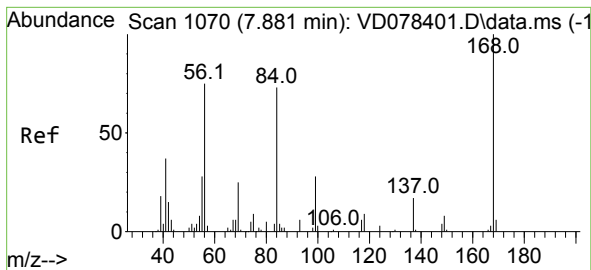
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

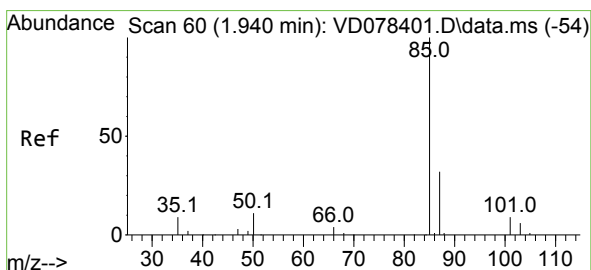
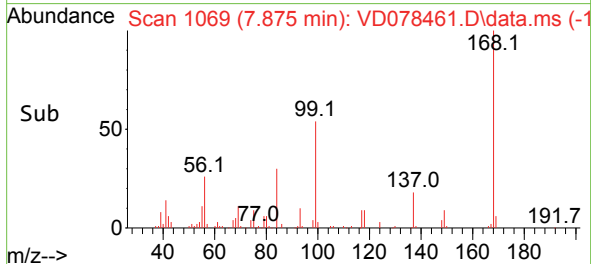
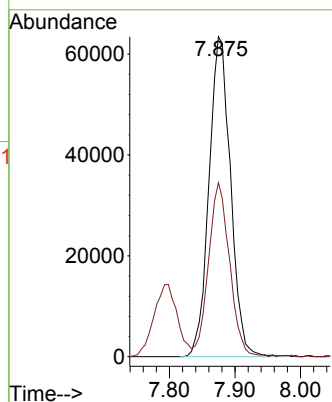
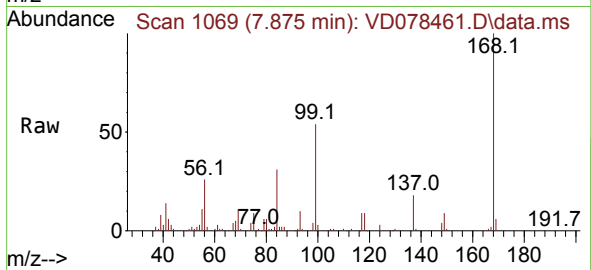
VD0219SBS01

Tgt Ion:168 Resp: 144936

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 17.387 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078461.D

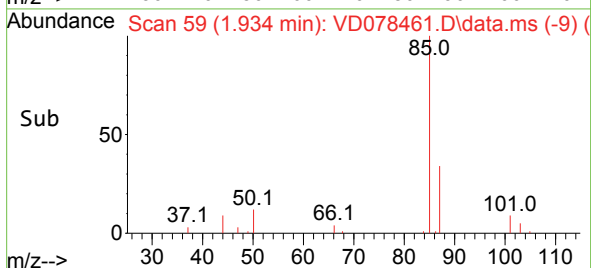
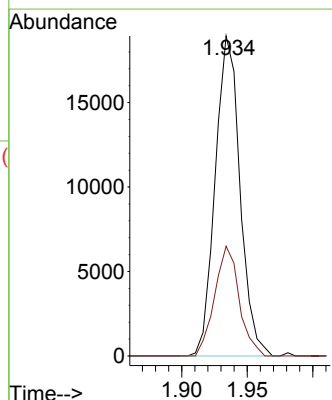
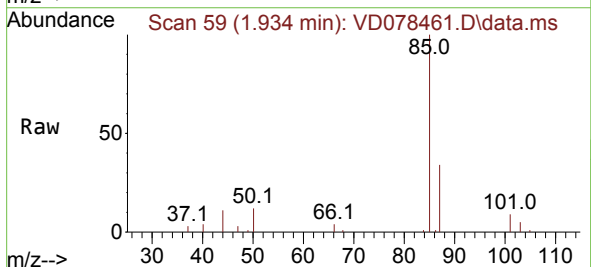
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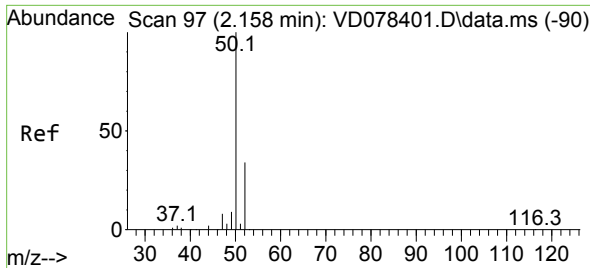
Tgt Ion: 85 Resp: 24829

Ion Ratio Lower Upper

85 100

87 34.3 15.7 47.0

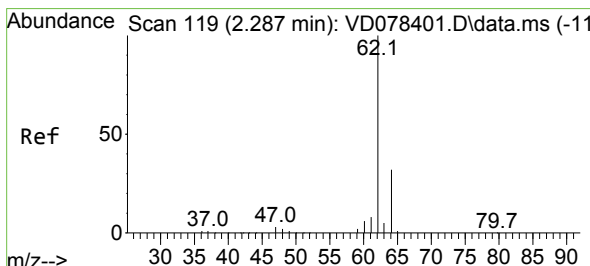
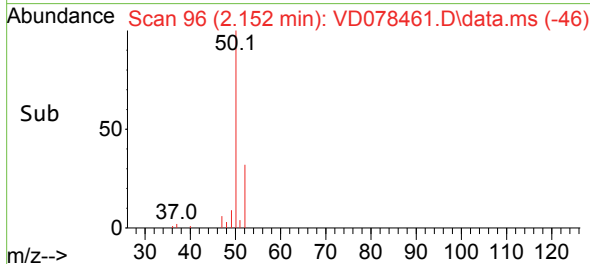
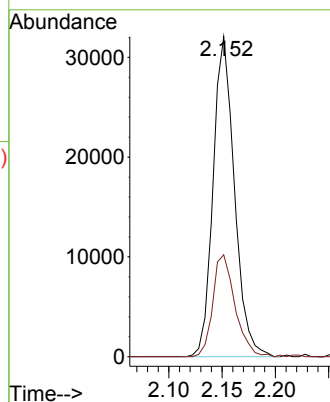
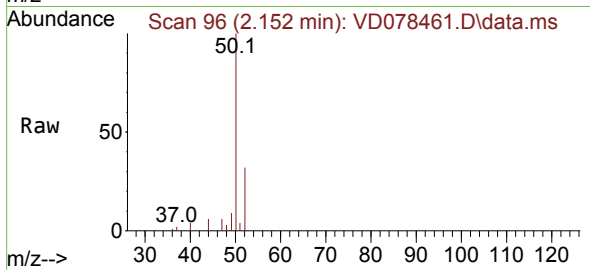




#3
Chloromethane
Concen: 16.981 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

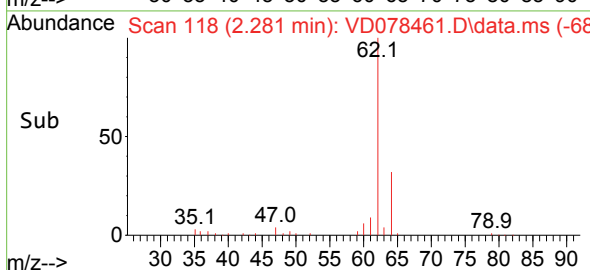
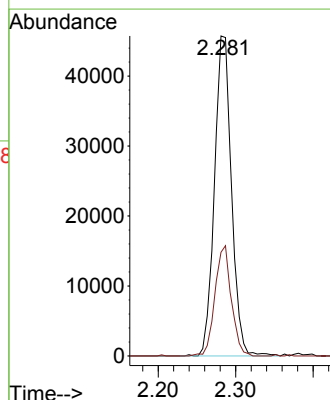
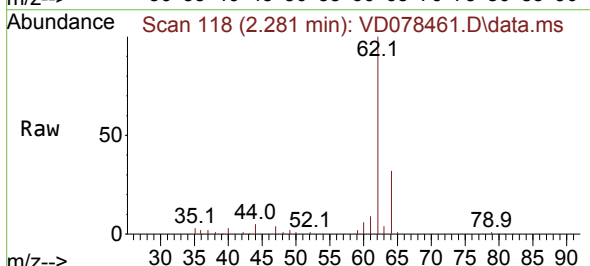
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

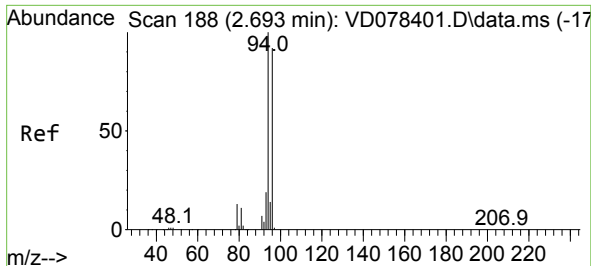
Tgt Ion: 50 Resp: 44564
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0



#4
Vinyl Chloride
Concen: 17.413 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 62 Resp: 69733
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

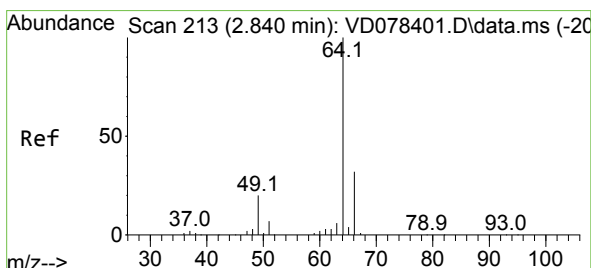
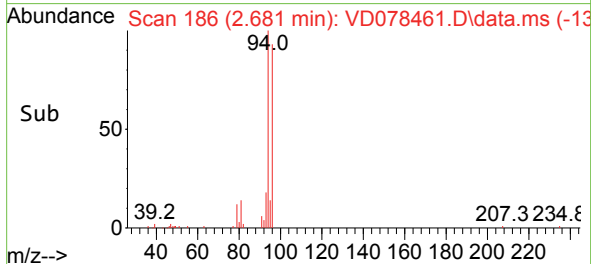
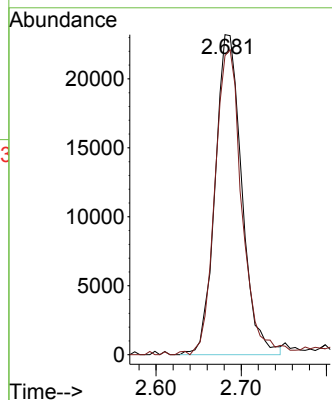
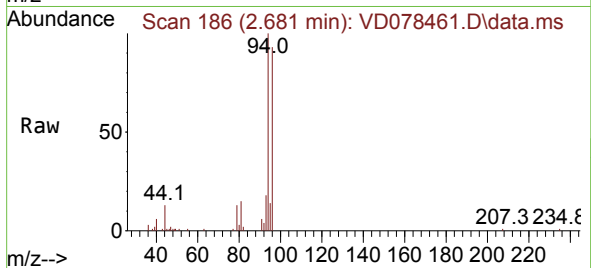




#5
Bromomethane
Concen: 18.235 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

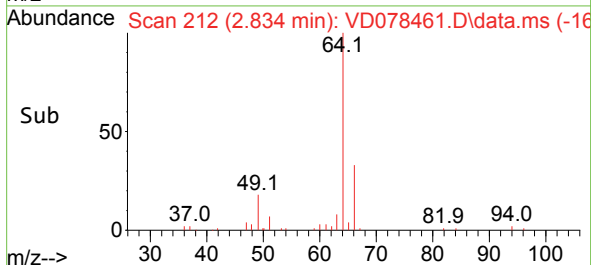
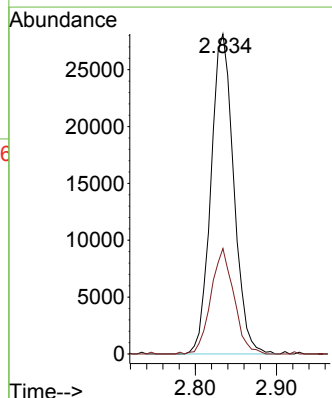
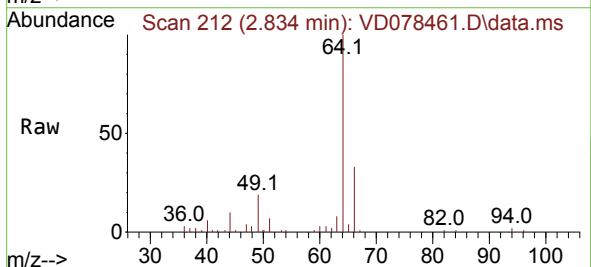
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Tgt Ion: 94 Resp: 50405
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.8



#6
Chloroethane
Concen: 18.805 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 64 Resp: 54915
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

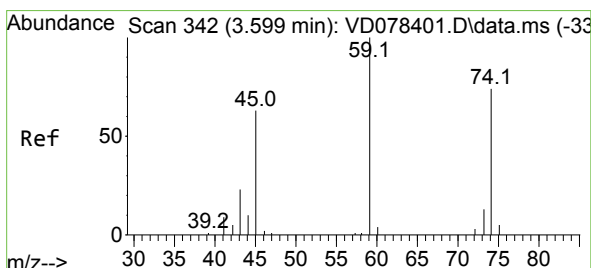
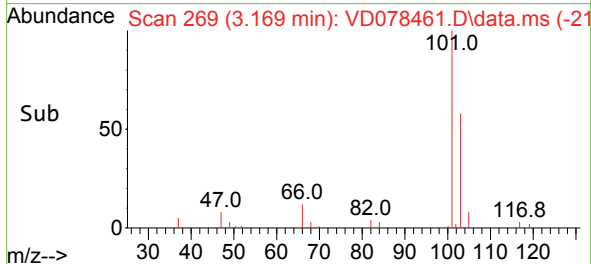
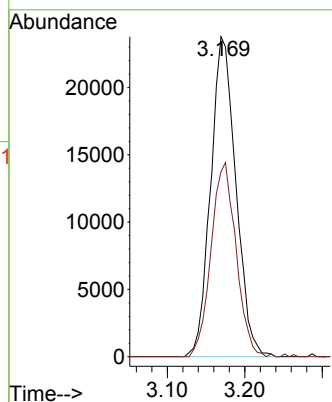
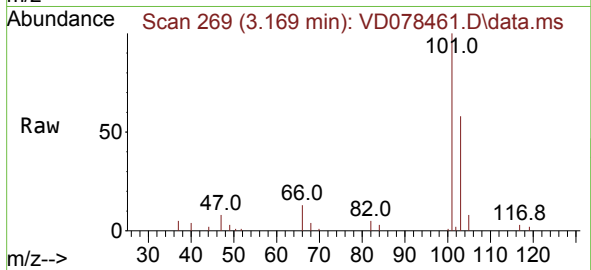




#7
 Trichlorofluoromethane
 Concen: 19.885 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078461.D
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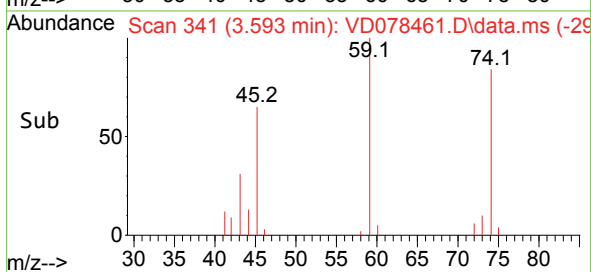
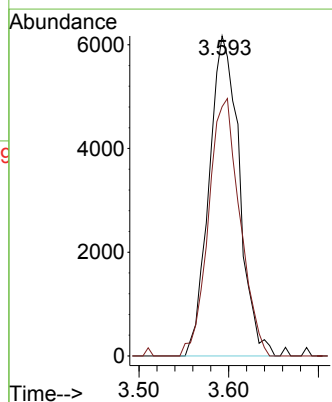
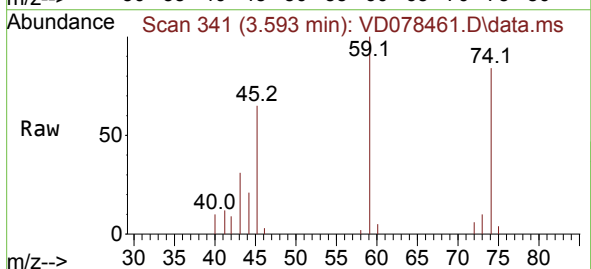
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBSD01

Tgt Ion:101 Resp: 53719
 Ion Ratio Lower Upper
 101 100
 103 57.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.543 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

Tgt Ion: 74 Resp: 14428
 Ion Ratio Lower Upper
 74 100
 45 83.5 37.5 112.7

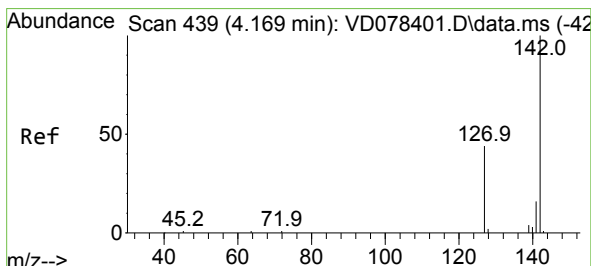
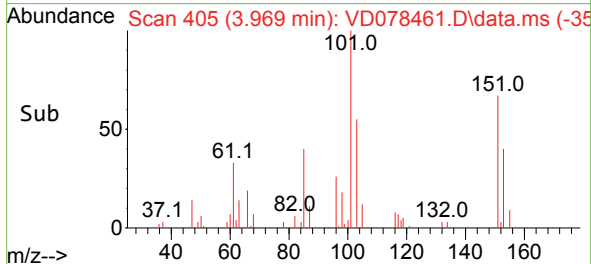
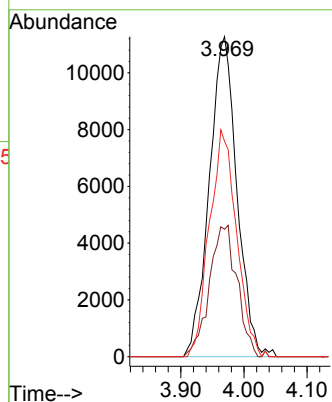
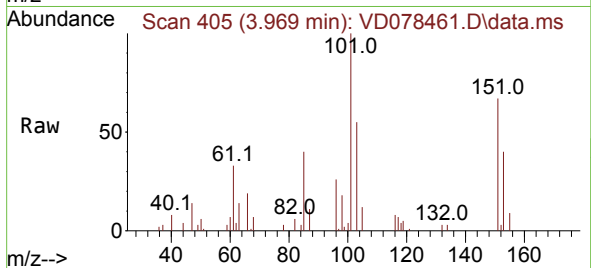




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.162 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

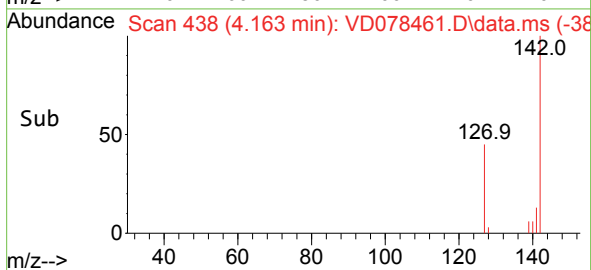
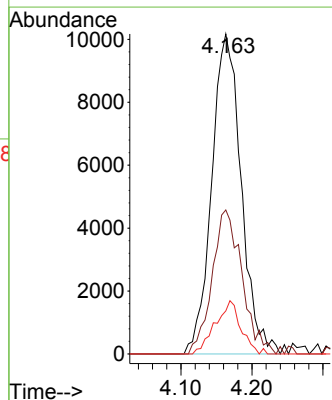
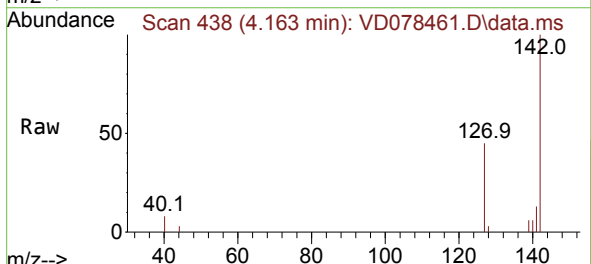
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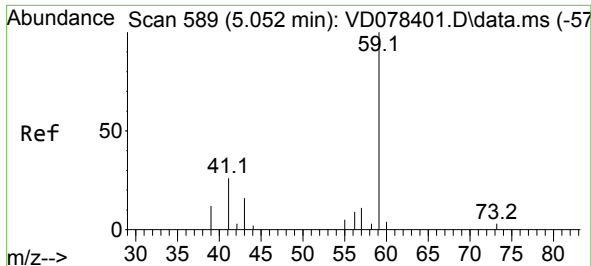
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Ion Ratio Lower Upper
101 100
85 41.1 33.8 50.6
151 69.5 59.8 89.6



#10
Methyl Iodide
Concen: 19.167 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:142 Resp: 29256
Ion Ratio Lower Upper
142 100
127 45.7 29.4 44.0#
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 103.114 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

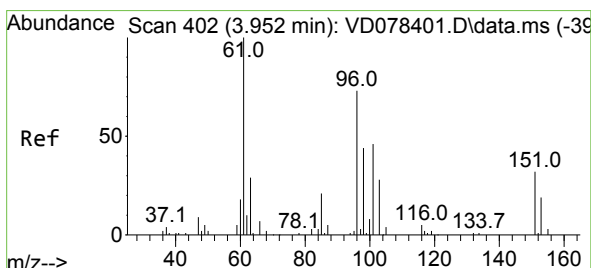
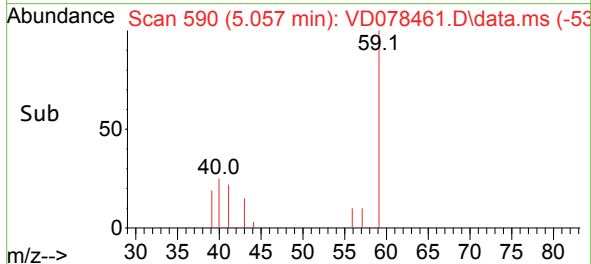
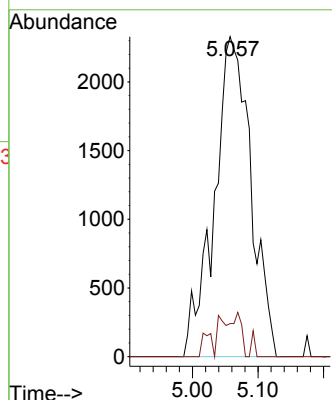
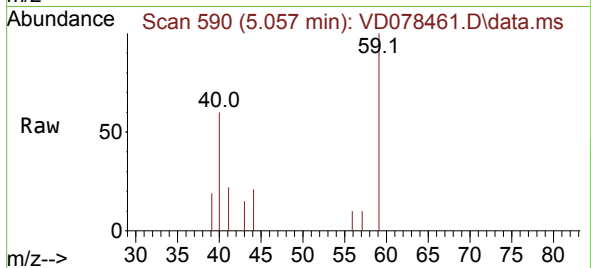
VD0219SBSD01

Tgt Ion: 59 Resp: 9040

Ion Ratio Lower Upper

59 100

57 3.1 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.975 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

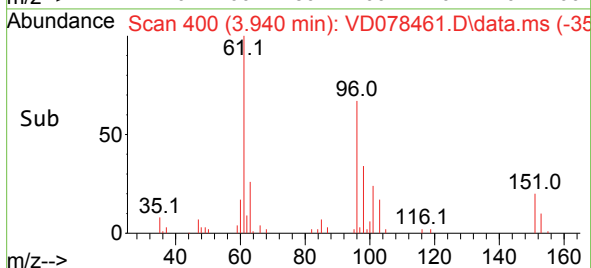
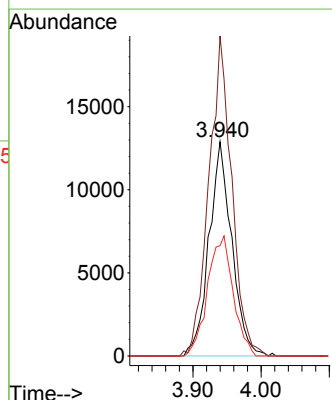
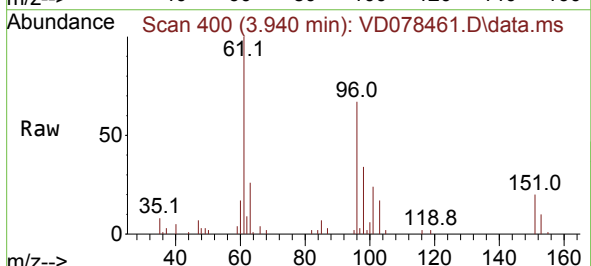
Tgt Ion: 96 Resp: 29981

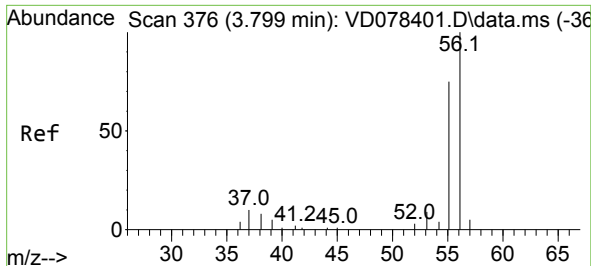
Ion Ratio Lower Upper

96 100

61 149.3 100.6 150.8

98 51.5 50.2 75.2





#13

Acrolein

Concen: 100.294 ug/l

RT: 3.799 min Scan# 376

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

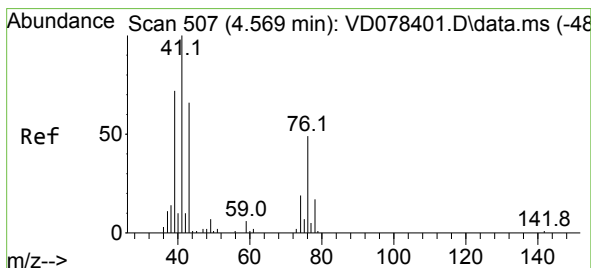
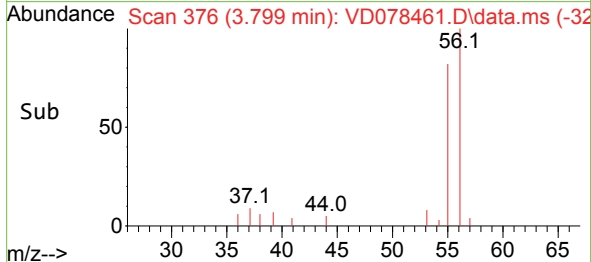
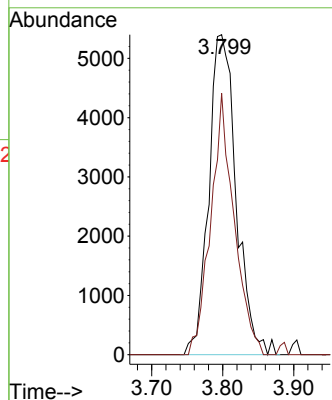
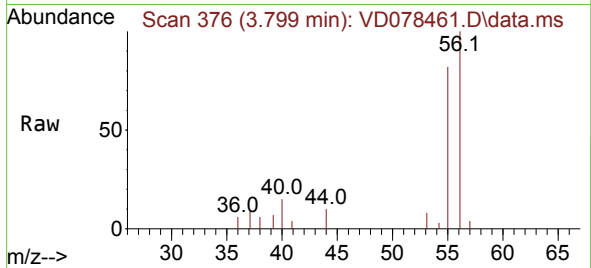
VD0219SBSD01

Tgt Ion: 56 Resp: 14520

Ion Ratio Lower Upper

56 100

55 69.4 55.1 82.7



#14

Allyl chloride

Concen: 18.195 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

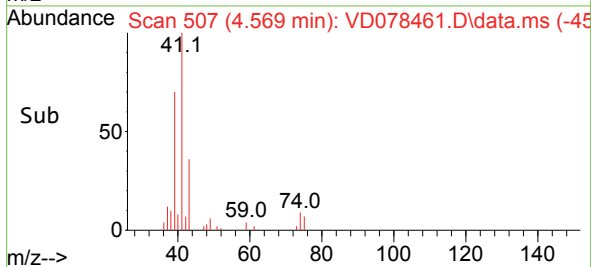
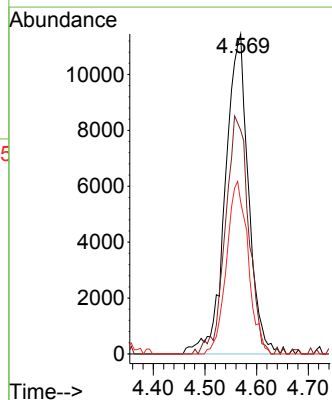
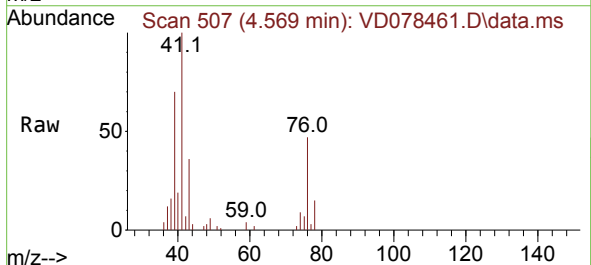
Tgt Ion: 41 Resp: 35514

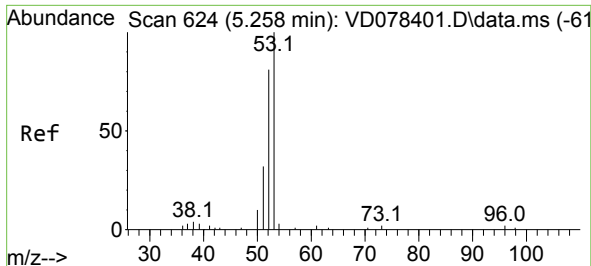
Ion Ratio Lower Upper

41 100

39 75.1 53.8 80.6

76 50.8 45.8 68.8

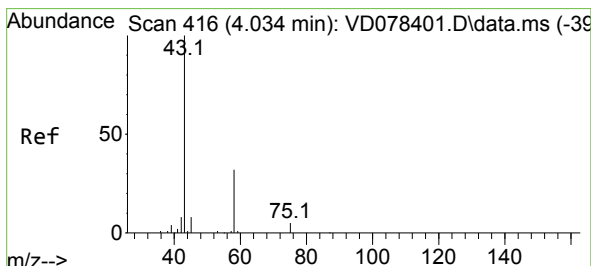
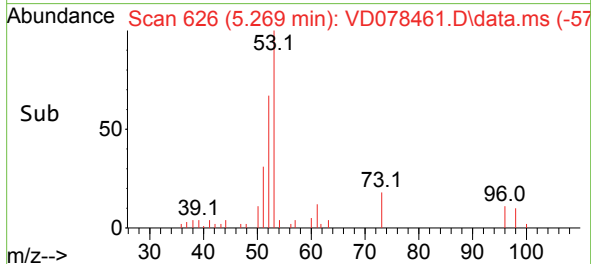
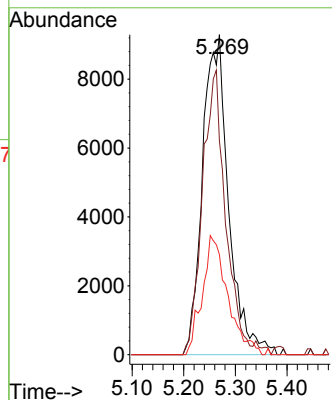
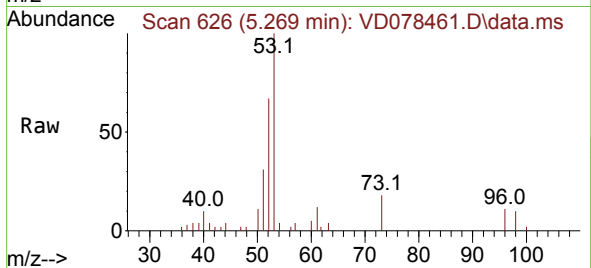




#15
Acrylonitrile
Concen: 97.378 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

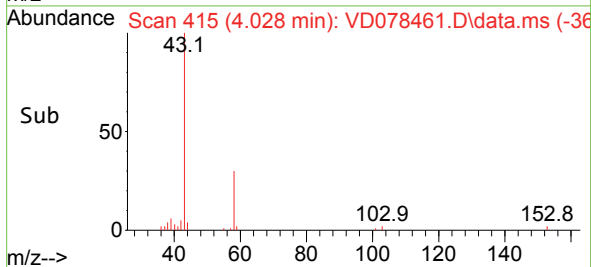
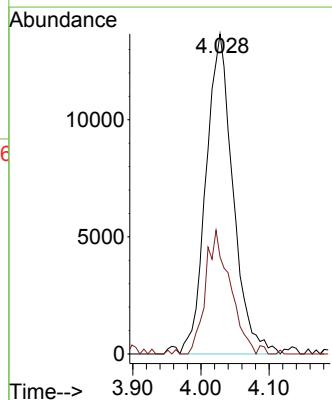
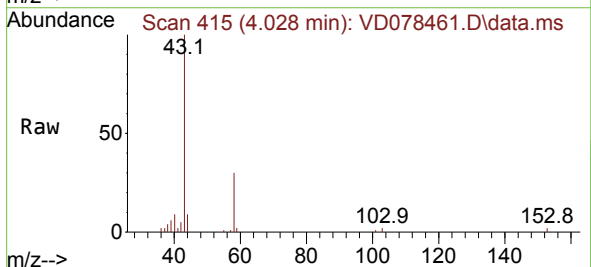
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

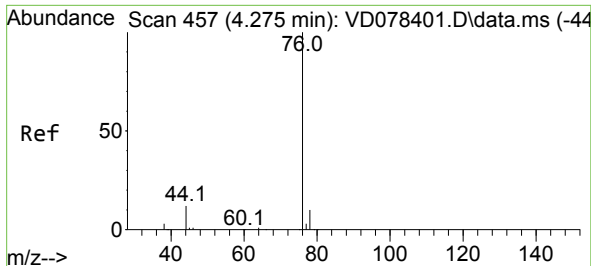
Tgt Ion: 53 Resp: 32436
Ion Ratio Lower Upper
53 100
52 78.9 65.0 97.4
51 36.4 28.3 42.5



#16
Acetone
Concen: 109.504 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 43 Resp: 37649
Ion Ratio Lower Upper
43 100
58 30.3 34.7 52.1#





#17

Carbon Disulfide

Concen: 16.647 ug/l

RT: 4.275 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

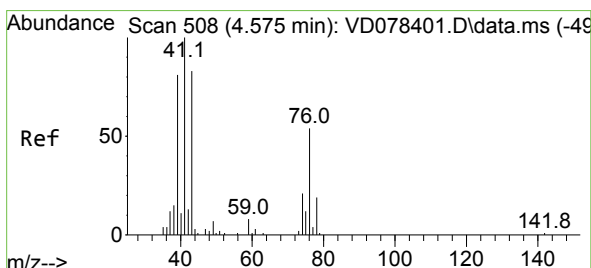
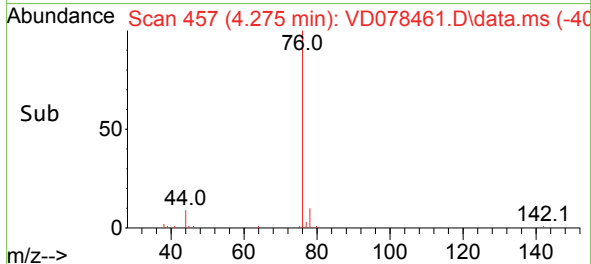
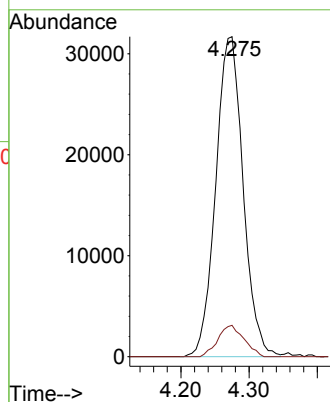
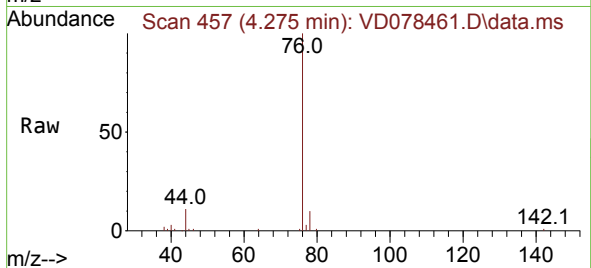
VD0219SBSD01

Tgt Ion: 76 Resp: 88502

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 14.314 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.012 min

Lab File: VD078461.D

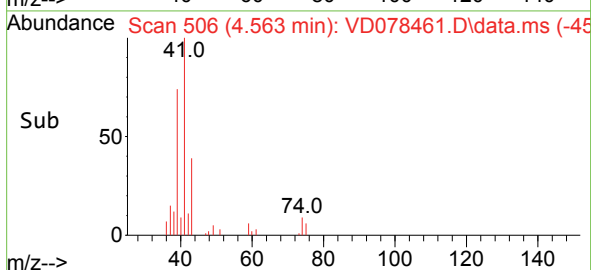
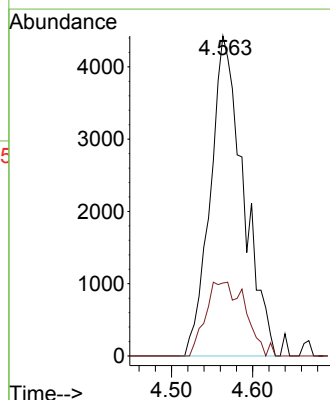
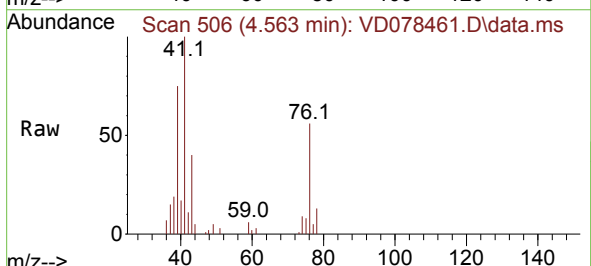
Acq: 19 Feb 2024 13:50

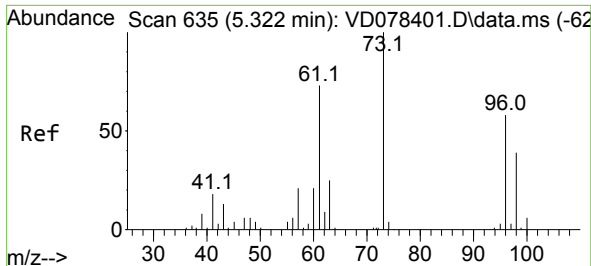
Tgt Ion: 43 Resp: 12544

Ion Ratio Lower Upper

43 100

74 27.7 26.4 39.6

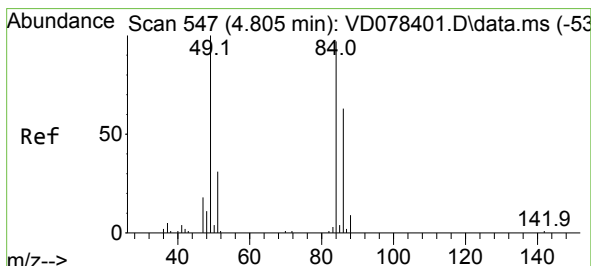
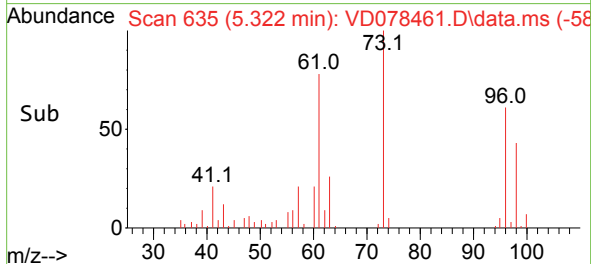
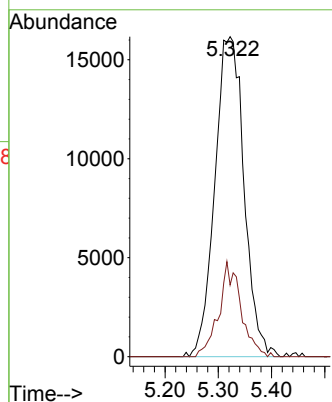
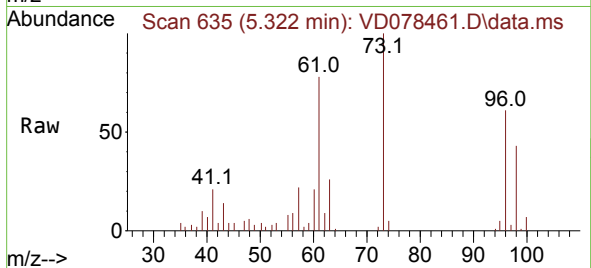




#19
Methyl tert-butyl Ether
Concen: 18.325 ug/l
RT: 5.322 min Scan# 615
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

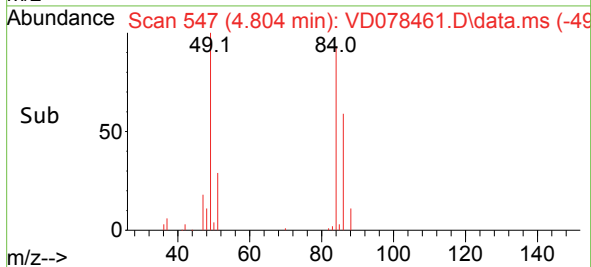
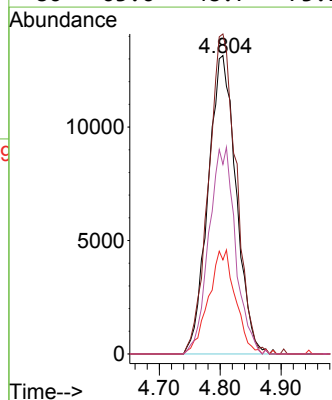
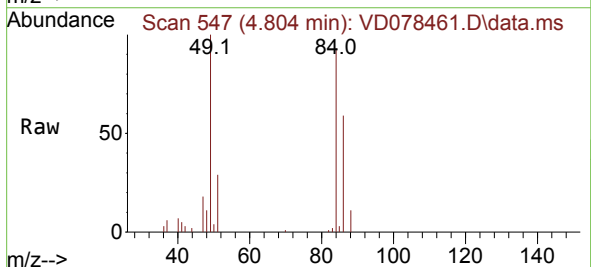
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Tgt Ion: 73 Resp: 61516
Ion Ratio Lower Upper
73 100
57 22.4 16.6 25.0



#20
Methylene Chloride
Concen: 21.953 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 84 Resp: 42049
Ion Ratio Lower Upper
84 100
49 107.3 71.4 107.2#
51 31.6 24.5 36.7
86 63.6 48.7 73.1

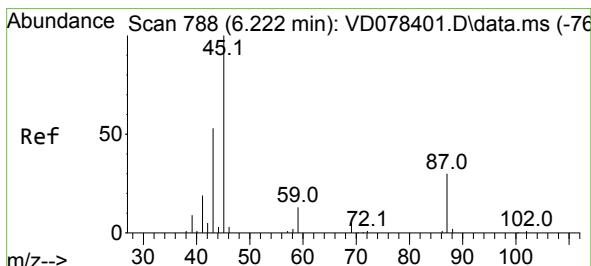
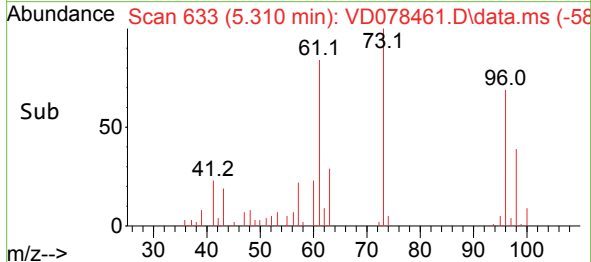
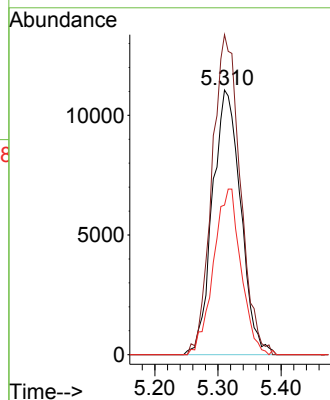
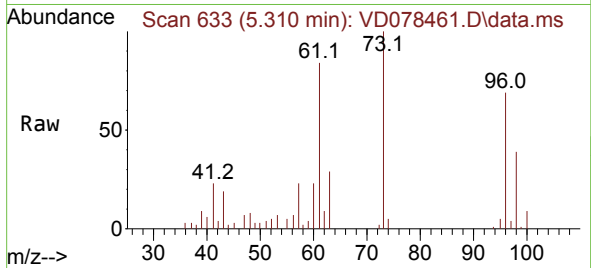




#21
trans-1,2-Dichloroethene
Concen: 18.492 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

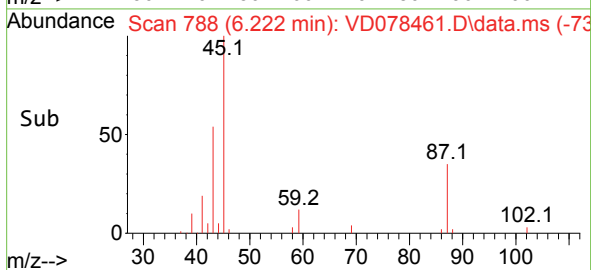
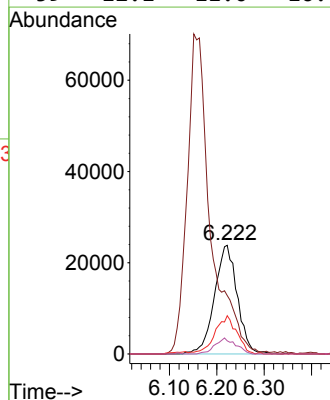
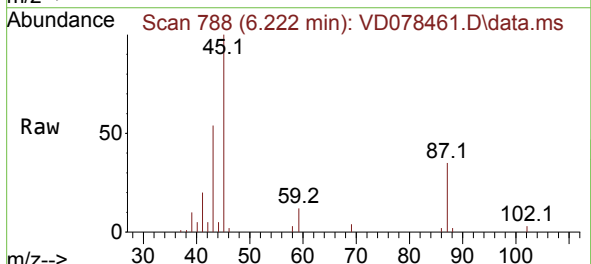
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

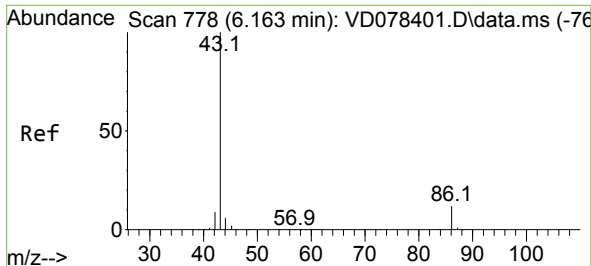
Tgt Ion: 96 Resp: 34372
Ion Ratio Lower Upper
96 100
61 120.9 89.3 133.9
98 56.6 48.6 73.0



#22
Diisopropyl ether
Concen: 18.504 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 45 Resp: 79606
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 35.2 28.2 42.4
59 12.1 11.0 16.4

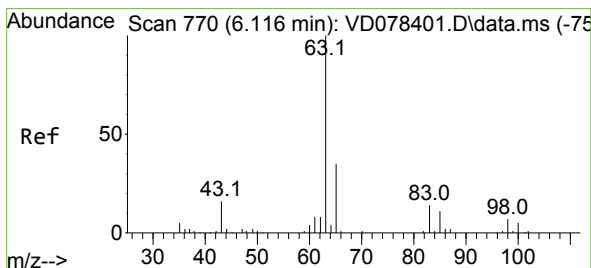
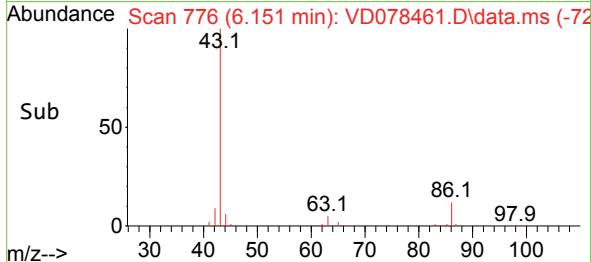
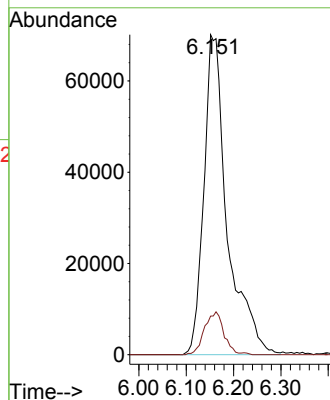
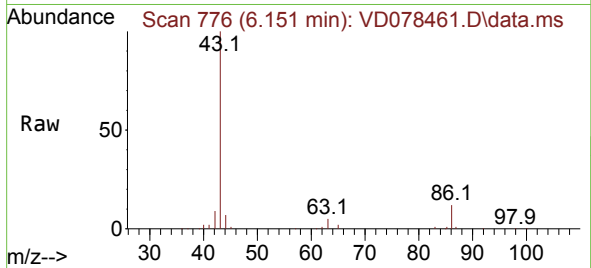




#23
 Vinyl Acetate
 Concen: 129.982 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.012 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

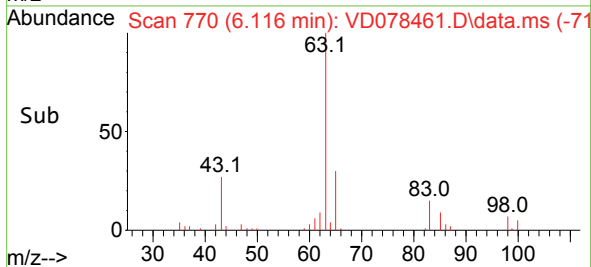
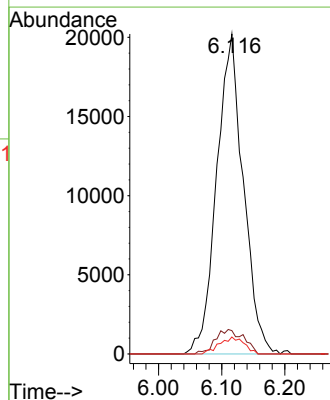
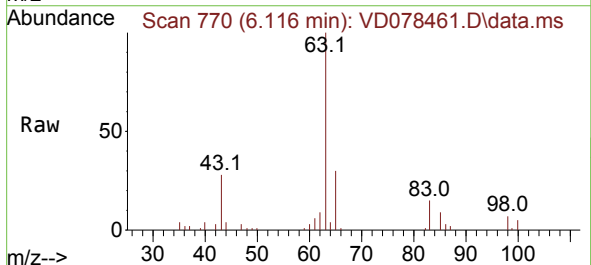
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBSD01

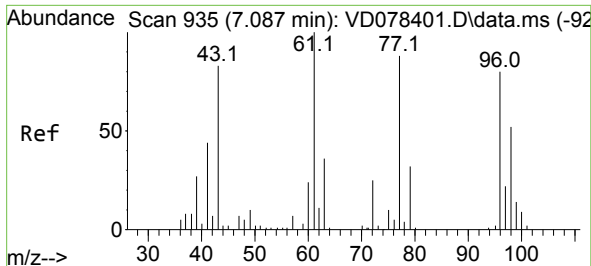
Tgt Ion: 43 Resp: 241050
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.456 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

Tgt Ion: 63 Resp: 59295
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.3 2.5 7.5

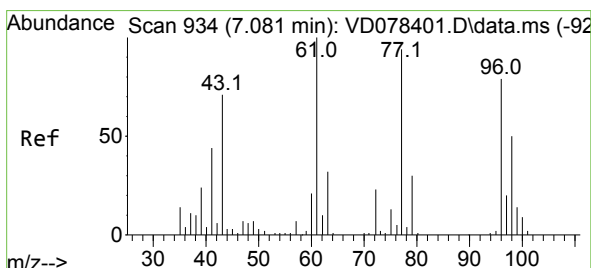
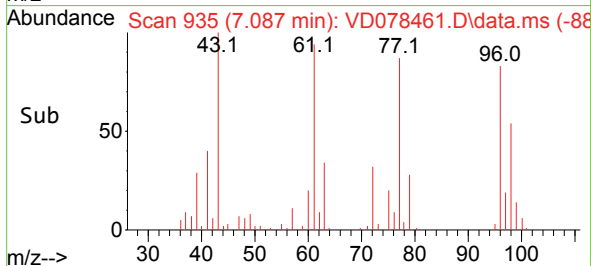
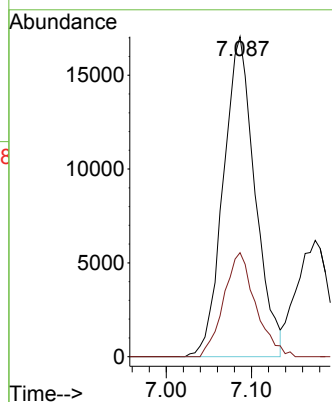
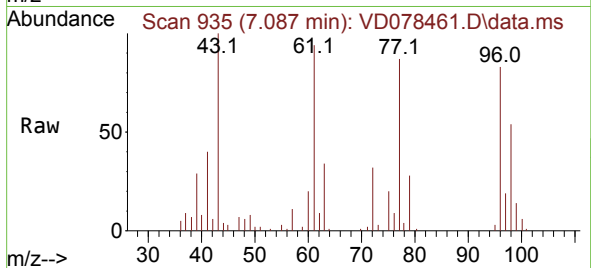




#25
2-Butanone
Concen: 101.718 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

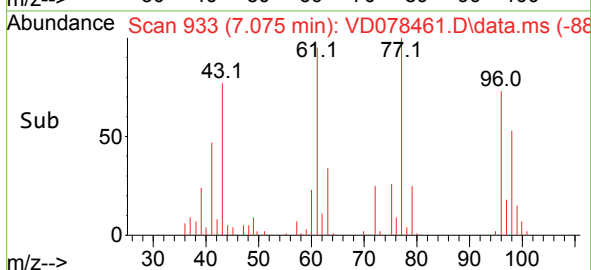
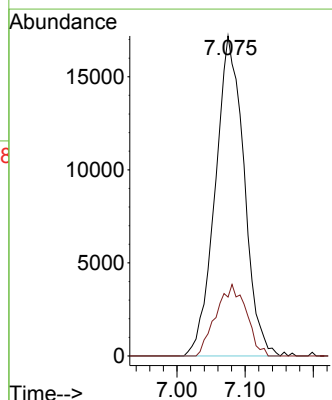
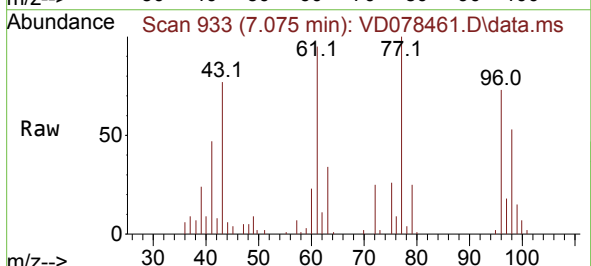
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Tgt Ion: 43 Resp: 44084
Ion Ratio Lower Upper
43 100
72 32.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.737 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 77 Resp: 50424
Ion Ratio Lower Upper
77 100
97 23.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.754 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

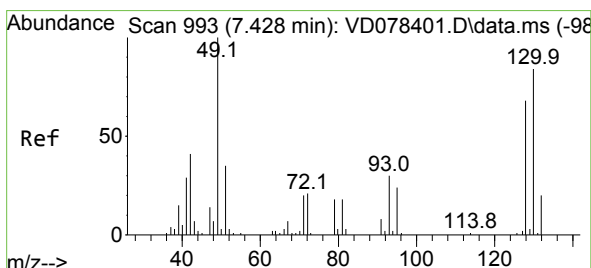
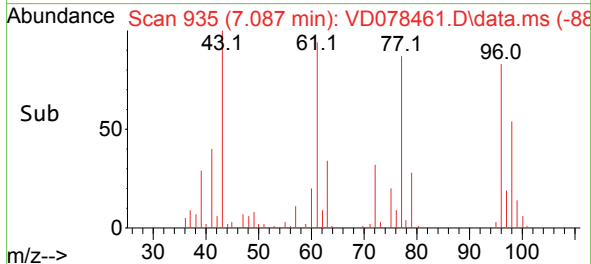
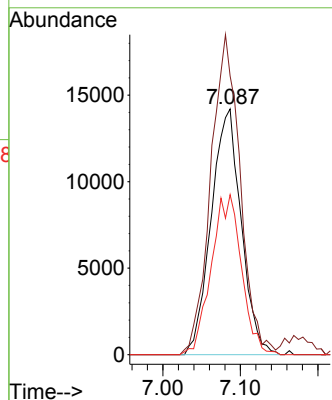
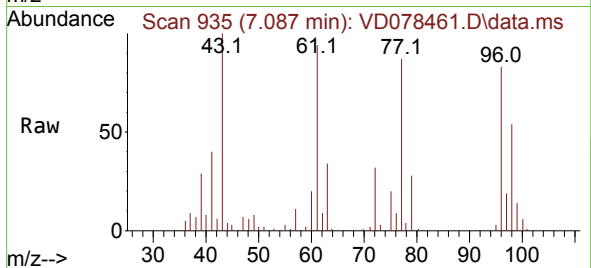
Tgt Ion: 96 Resp: 38244

Ion Ratio Lower Upper

96 100

61 127.8 0.0 239.2

98 65.6 0.0 128.6



#28

Bromochloromethane

Concen: 21.054 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

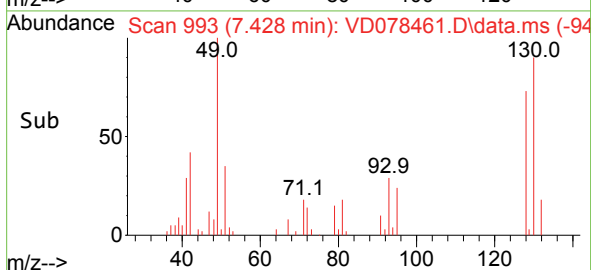
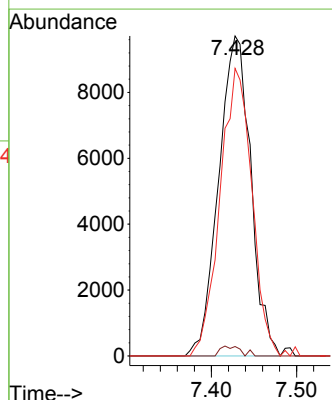
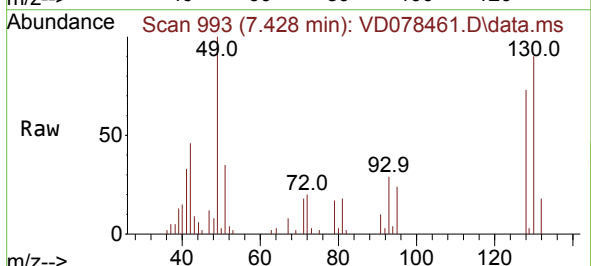
Tgt Ion: 49 Resp: 25414

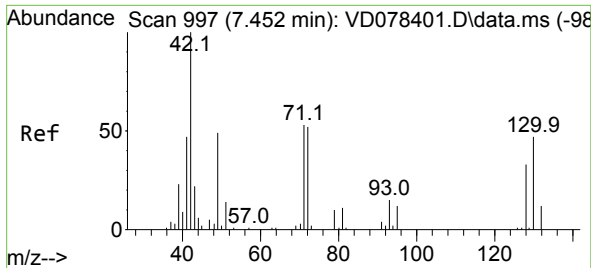
Ion Ratio Lower Upper

49 100

129 2.0 0.0 6.0

130 89.1 83.2 124.8

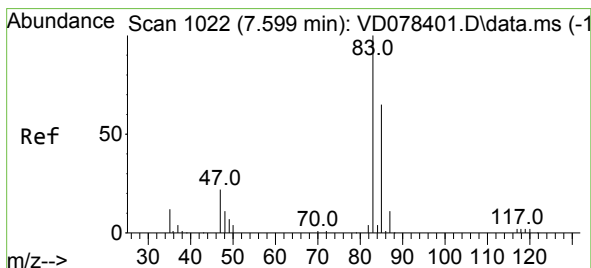
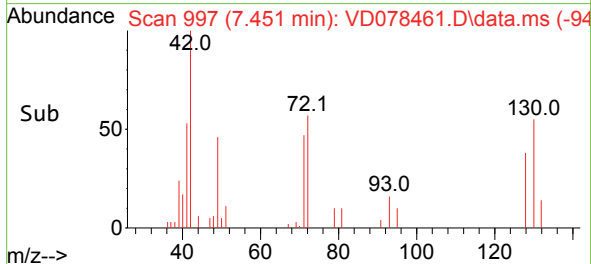
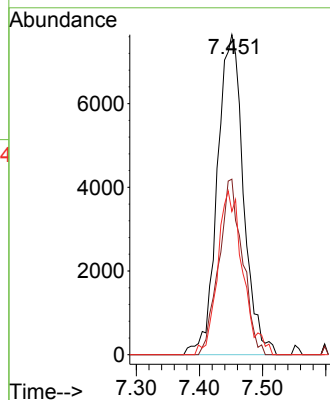
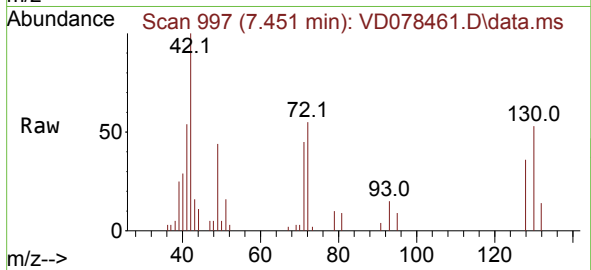




#29
Tetrahydrofuran
Concen: 94.394 ug/l
RT: 7.451 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

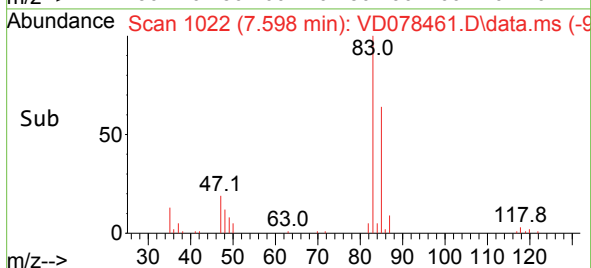
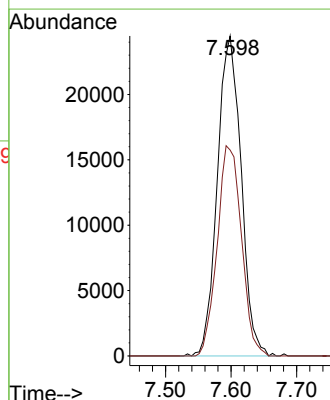
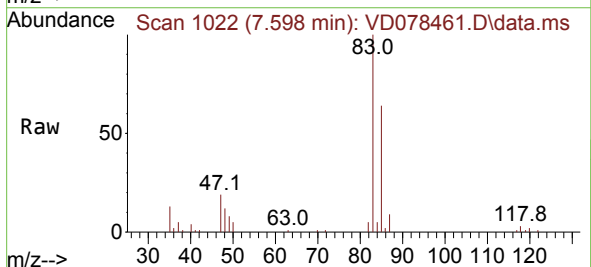
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

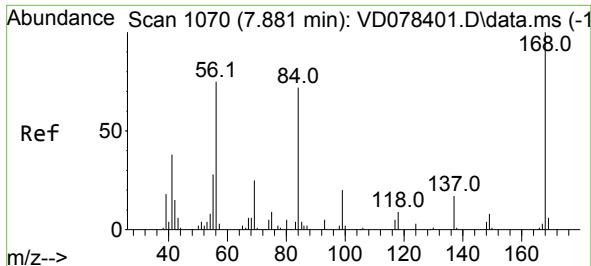
Tgt Ion:	42	Resp:	21999
Ion	Ratio	Lower	Upper
42	100		
72	49.8	46.5	69.7
71	49.4	44.5	66.7



#30
Chloroform
Concen: 19.104 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:	83	Resp:	61602
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.4	80.2

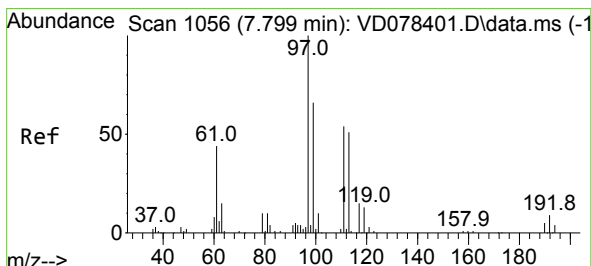
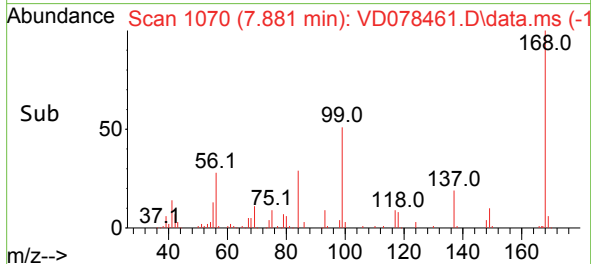
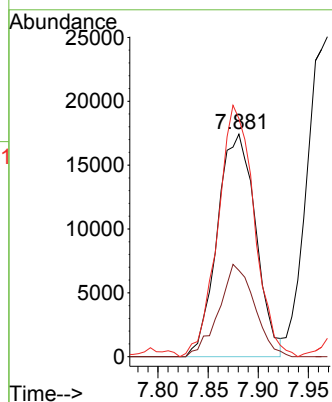
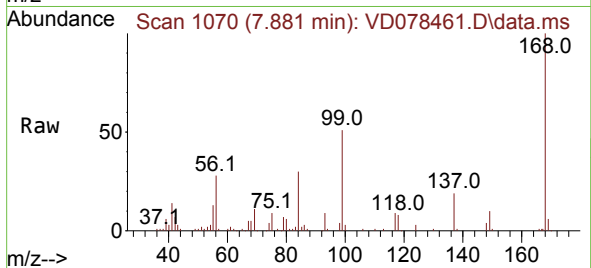




#31
Cyclohexane
Concen: 17.546 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

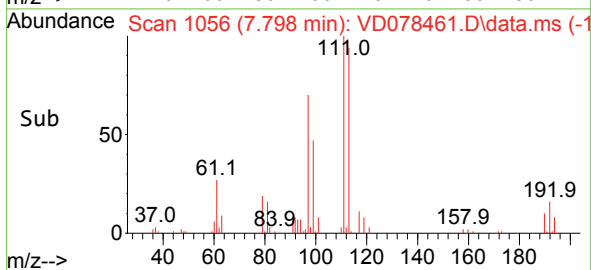
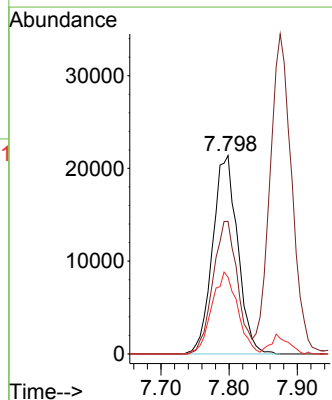
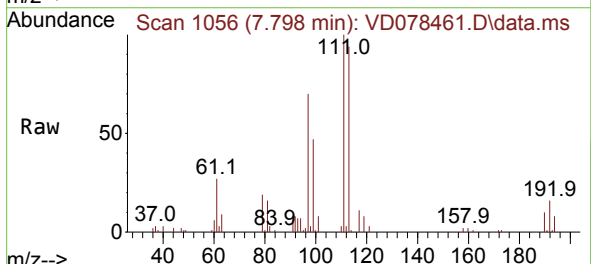
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

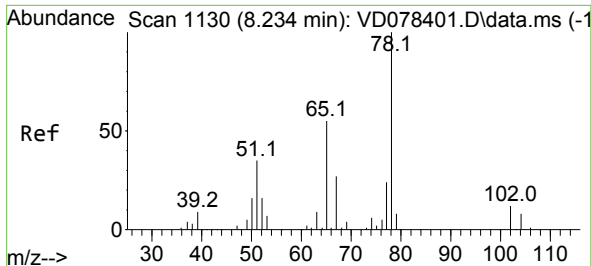
Tgt Ion: 56 Resp: 46513
Ion Ratio Lower Upper
56 100
69 38.8 28.6 43.0
84 107.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.929 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 97 Resp: 54789
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.643 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

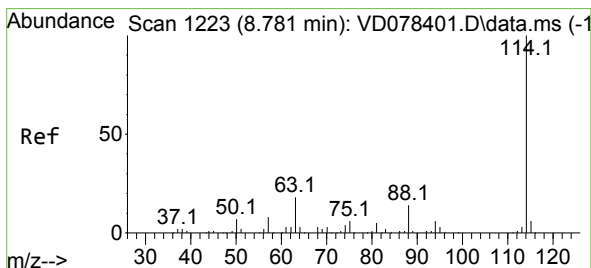
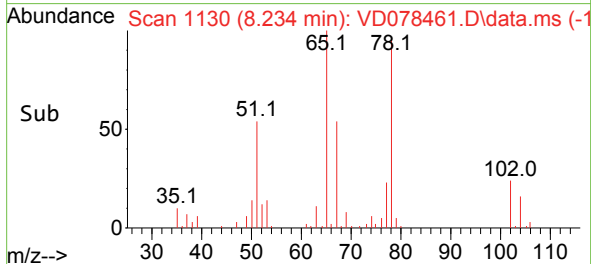
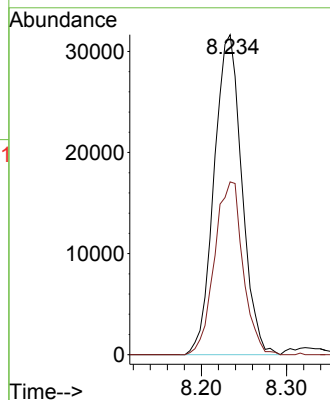
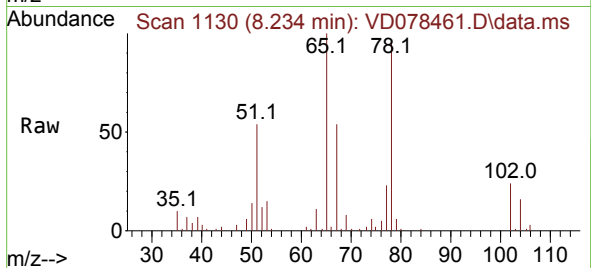
VD0219SBSD01

Tgt Ion: 65 Resp: 71528

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

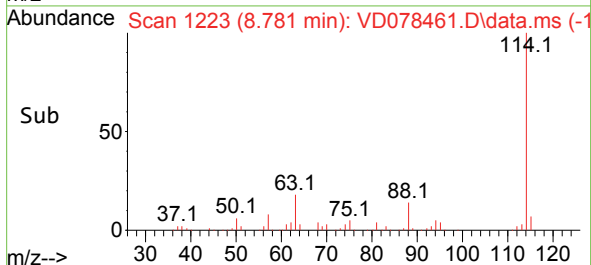
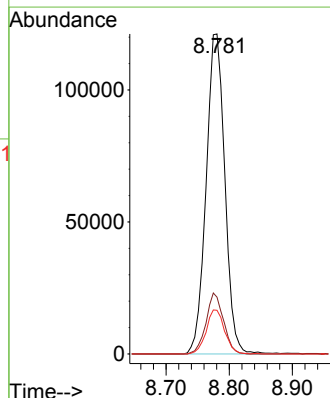
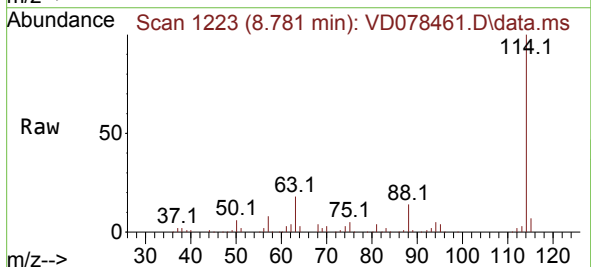
Tgt Ion: 114 Resp: 249386

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.6 0.0 26.2

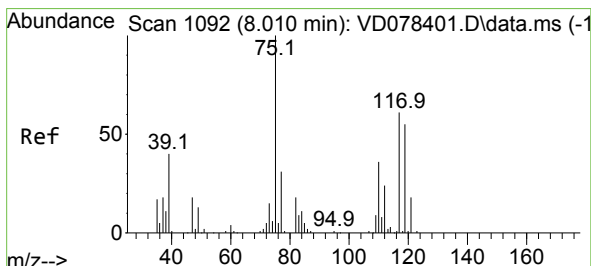
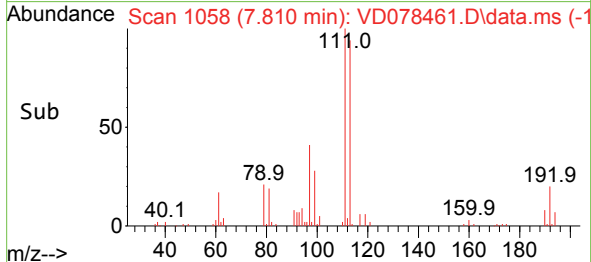
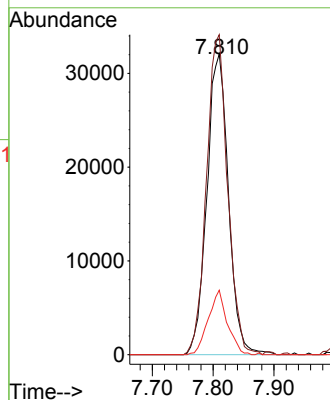
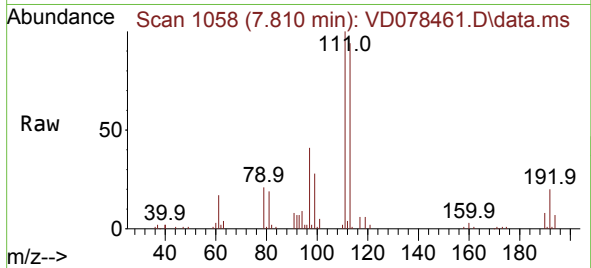




#35
Dibromofluoromethane
Concen: 49.874 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

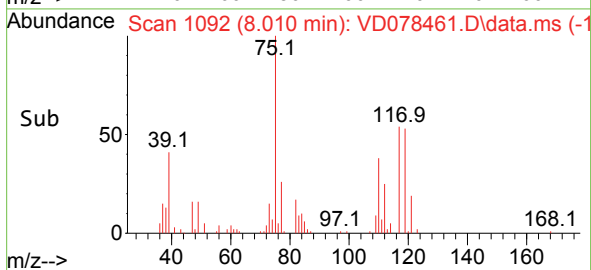
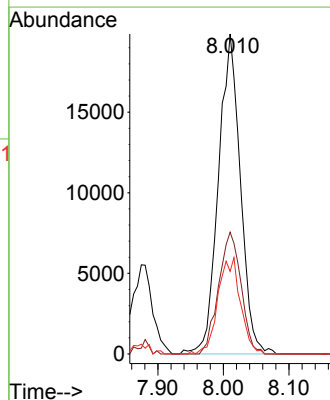
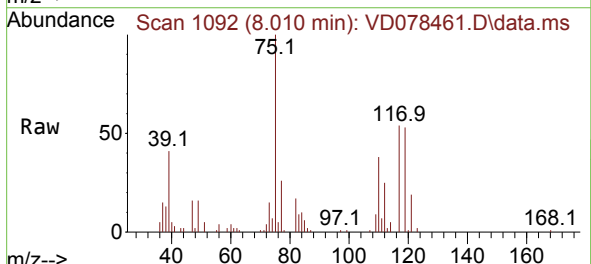
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Tgt Ion:113 Resp: 79007
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.762 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 75 Resp: 46172
Ion Ratio Lower Upper
75 100
110 38.9 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 19.139 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBSD01

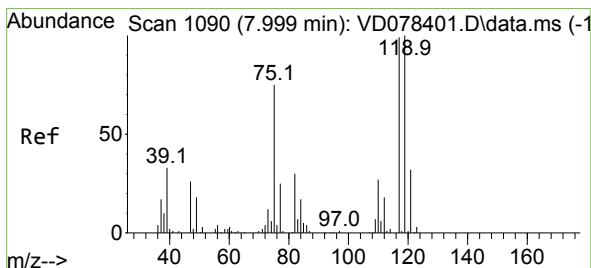
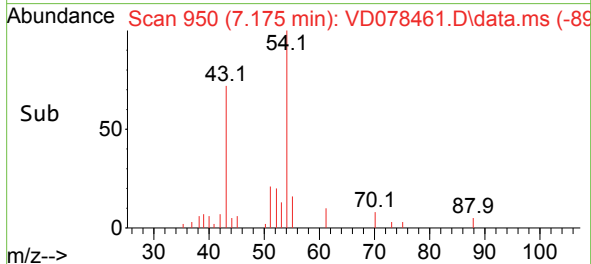
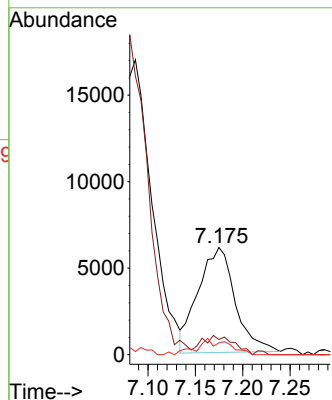
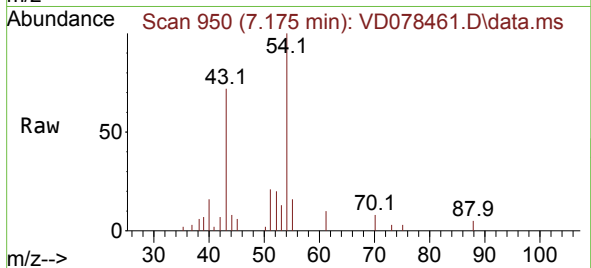
Tgt Ion: 43 Resp: 16511

Ion Ratio Lower Upper

43 100

61 15.4 14.9 22.3

70 7.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.659 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

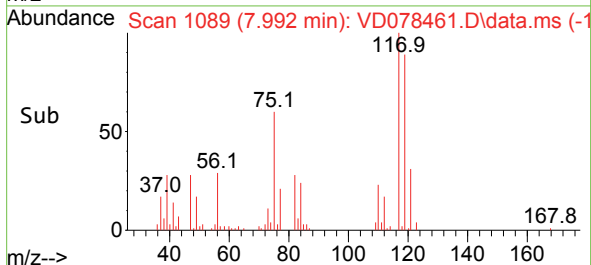
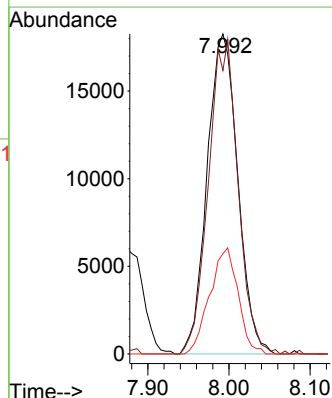
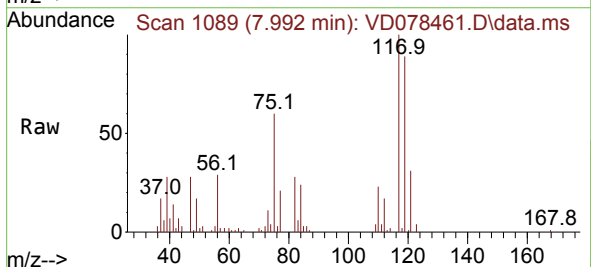
Tgt Ion: 117 Resp: 47912

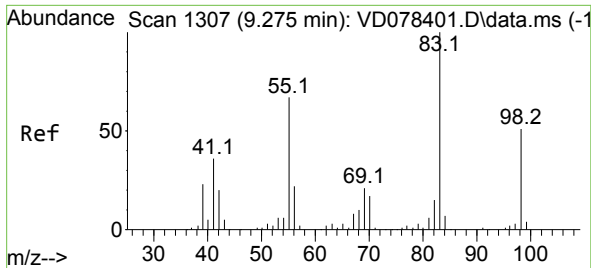
Ion Ratio Lower Upper

117 100

119 88.6 78.0 117.0

121 31.3 24.2 36.2

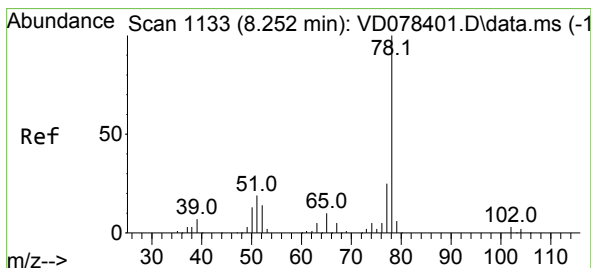
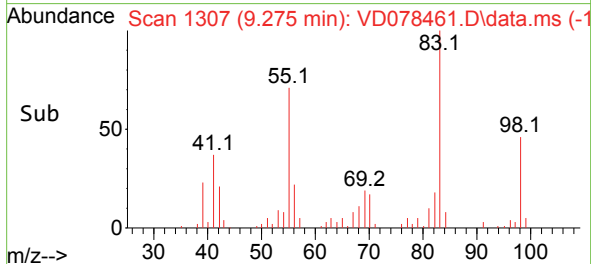
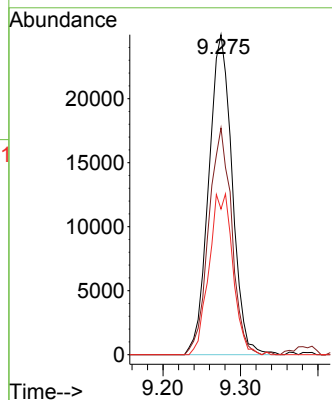
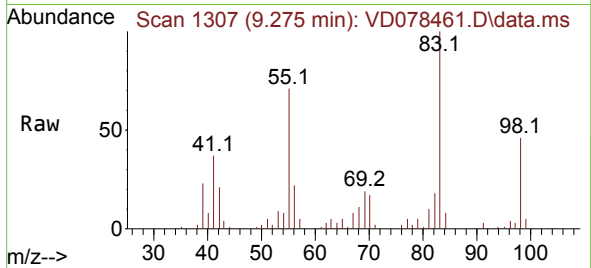




#39
Methylcyclohexane
Concen: 17.953 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

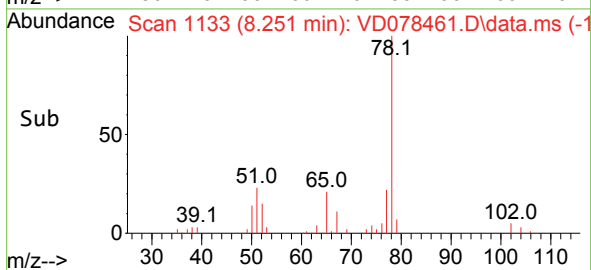
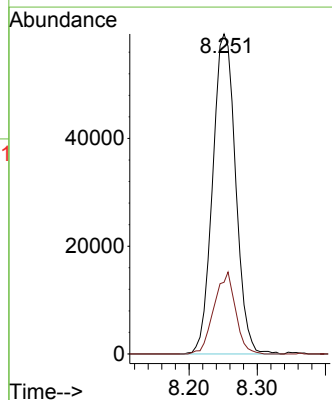
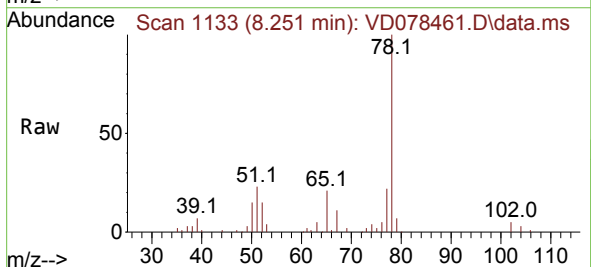
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

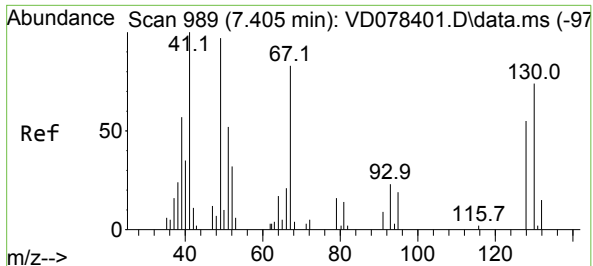
Tgt Ion: 83 Resp: 52450
Ion Ratio Lower Upper
83 100
55 70.8 49.4 74.0
98 45.5 38.4 57.6



#40
Benzene
Concen: 19.551 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 78 Resp: 139072
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0

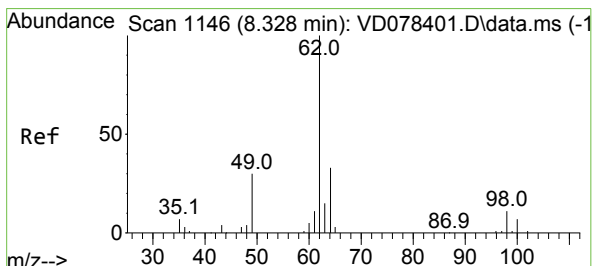
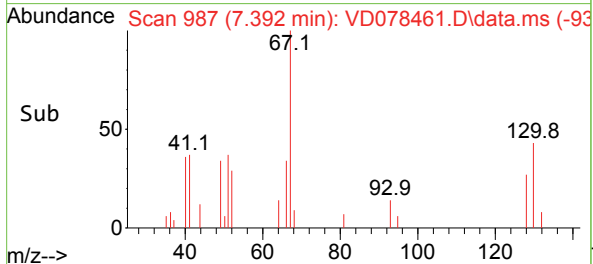
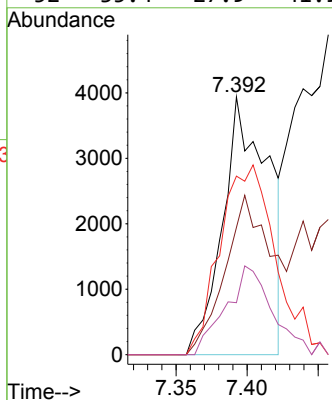
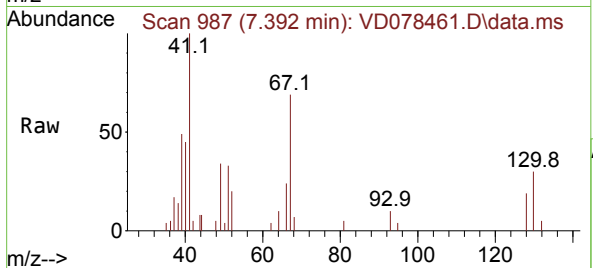




#41
Methacrylonitrile
Concen: 19.676 ug/l
RT: 7.392 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

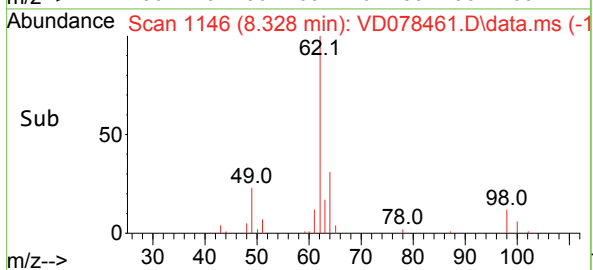
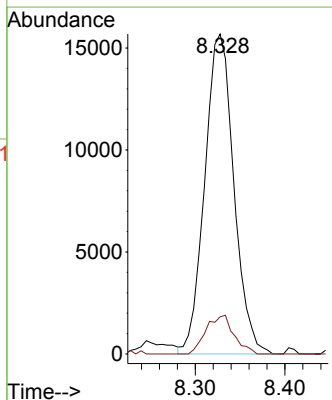
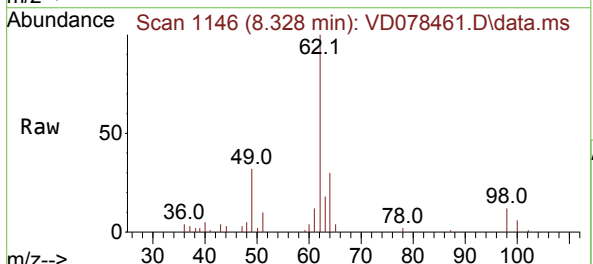
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

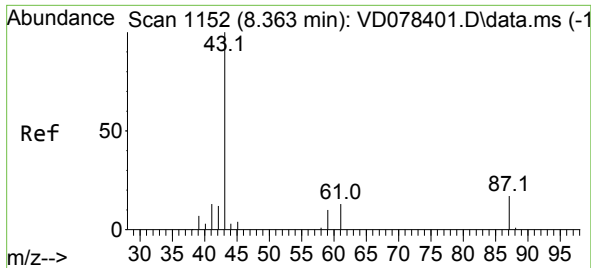
Tgt Ion: 41	Resp: 8834
Ion Ratio	Lower Upper
41 100	
39 64.7	34.0 51.0#
67 89.3	77.0 115.4
52 35.4	27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.184 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 62	Resp: 35309
Ion Ratio	Lower Upper
62 100	
98 11.6	0.0 25.4

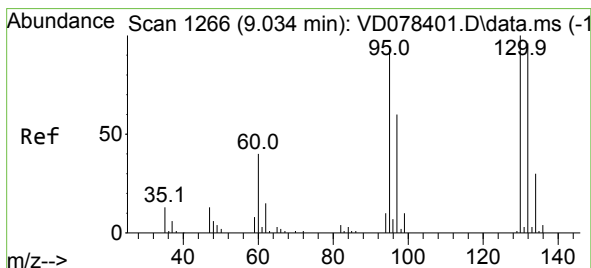
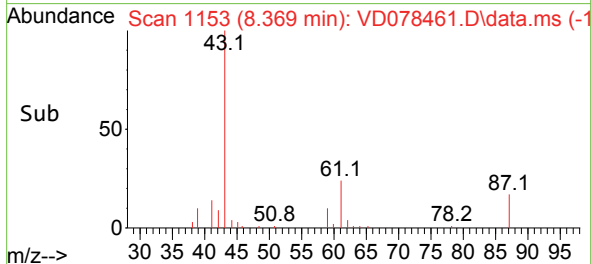
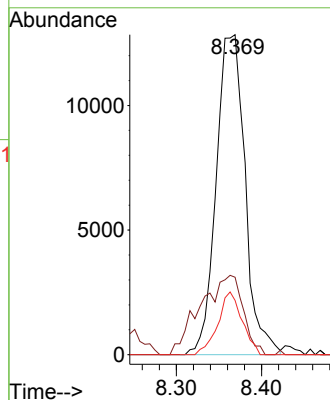
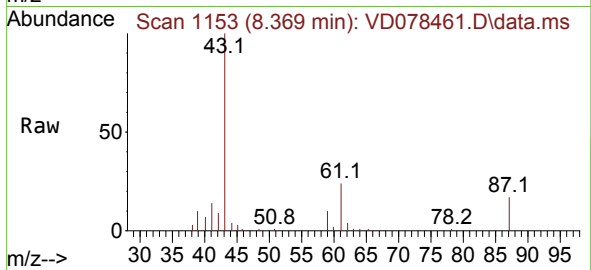




#43
Isopropyl Acetate
Concen: 18.931 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

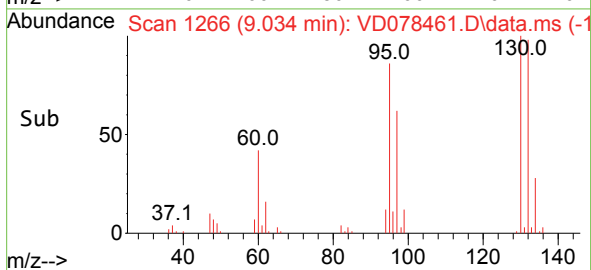
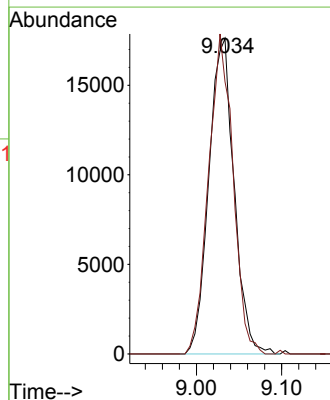
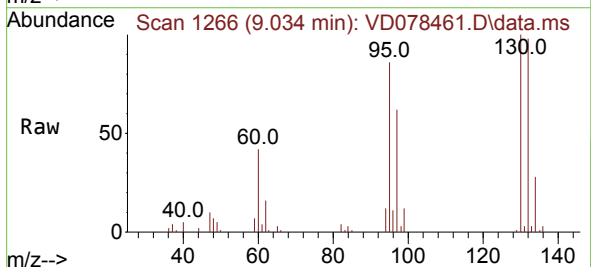
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

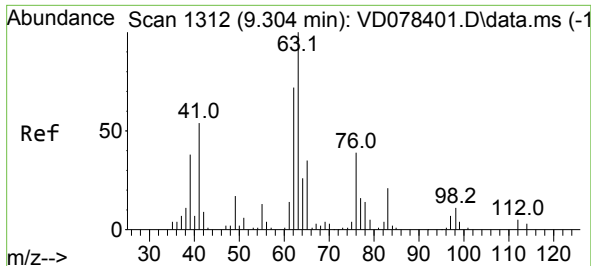
Tgt Ion: 43 Resp: 30241
Ion Ratio Lower Upper
43 100
61 36.7 31.4 47.0
87 16.4 14.9 22.3



#44
Trichloroethene
Concen: 20.003 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:130 Resp: 36300
Ion Ratio Lower Upper
130 100
95 86.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.507 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

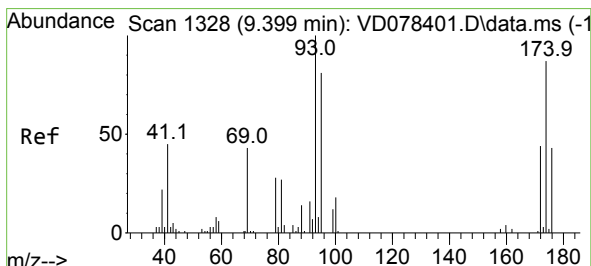
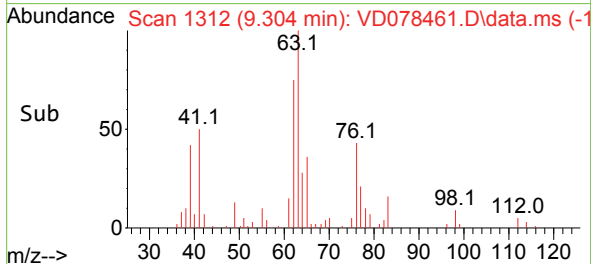
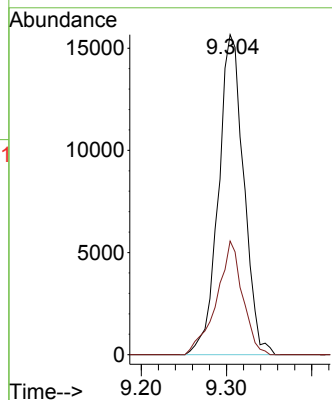
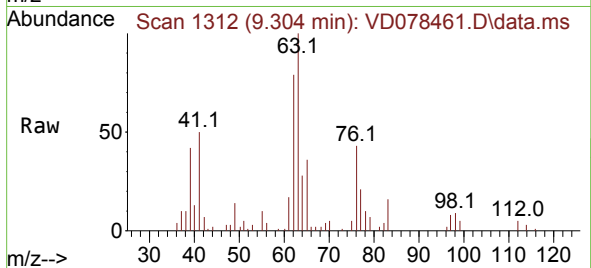
VD0219SBS01

Tgt Ion: 63 Resp: 32300

Ion Ratio Lower Upper

63 100

65 35.5 24.5 36.7



#46

Dibromomethane

Concen: 19.705 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

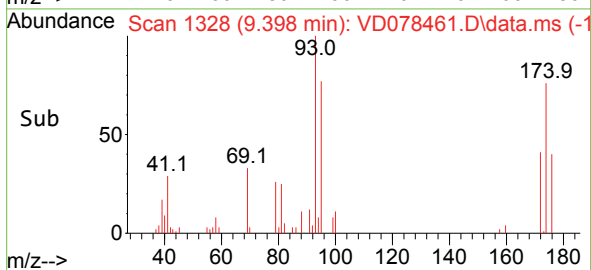
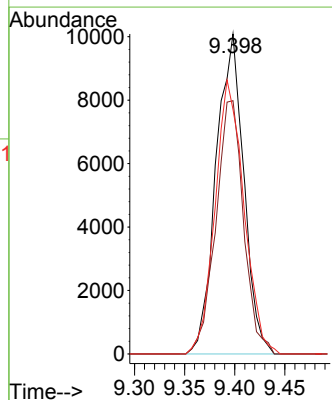
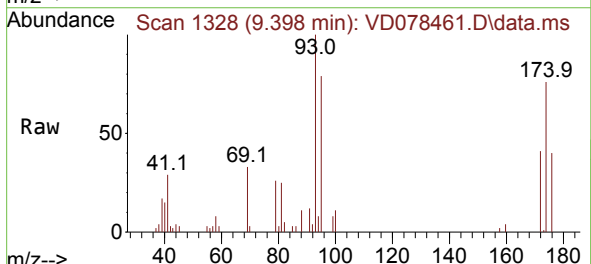
Tgt Ion: 93 Resp: 19343

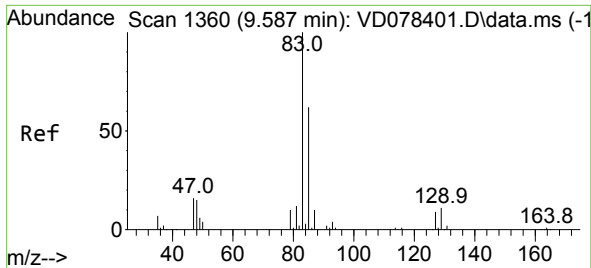
Ion Ratio Lower Upper

93 100

95 79.4 67.7 101.5

174 89.4 85.4 128.2

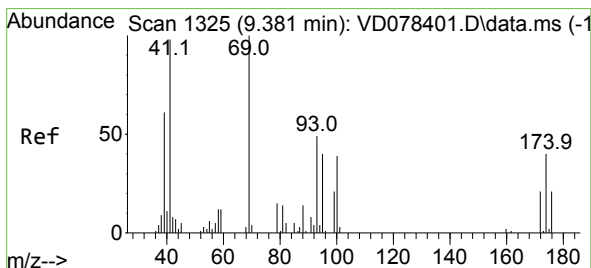
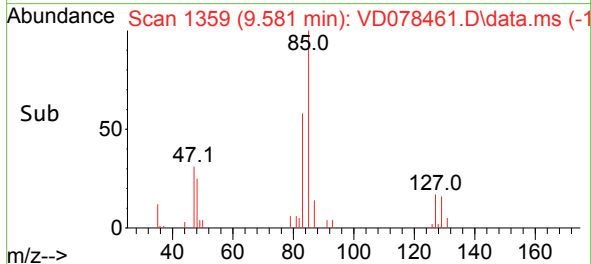
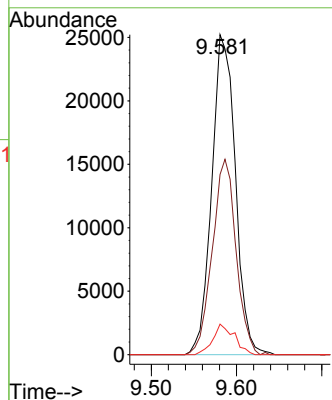
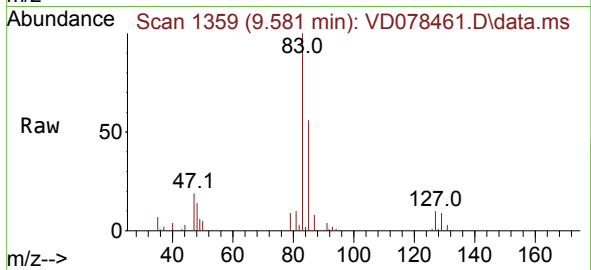




#47
Bromodichloromethane
Concen: 19.934 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

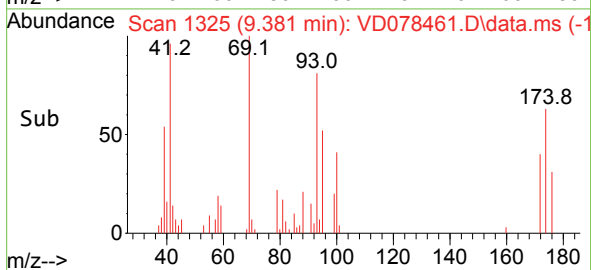
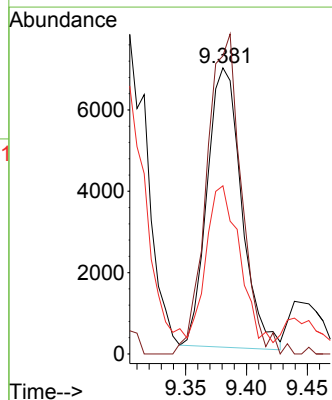
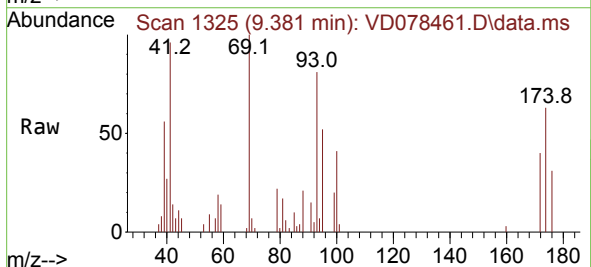
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Tgt Ion: 83 Resp: 48467
Ion Ratio Lower Upper
83 100
85 56.3 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 15.969 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 41 Resp: 13534
Ion Ratio Lower Upper
41 100
69 115.1 102.2 153.2
39 55.0 41.4 62.2





#49

1,4-Dioxane

Concen: 376.262 ug/l

RT: 9.386 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBSD01

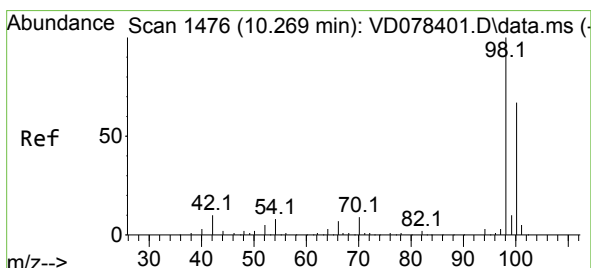
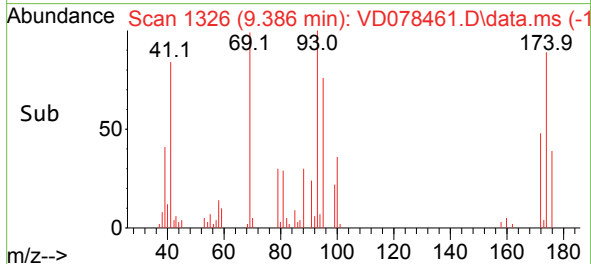
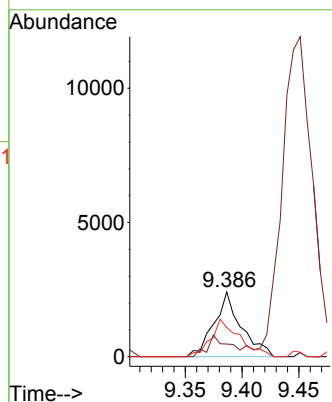
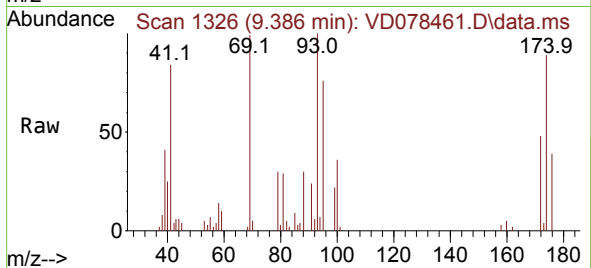
Tgt Ion: 88 Resp: 4000

Ion Ratio Lower Upper

88 100

43 31.7 19.0 28.6#

58 60.5 43.5 65.3



#50

Toluene-d8

Concen: 49.924 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078461.D

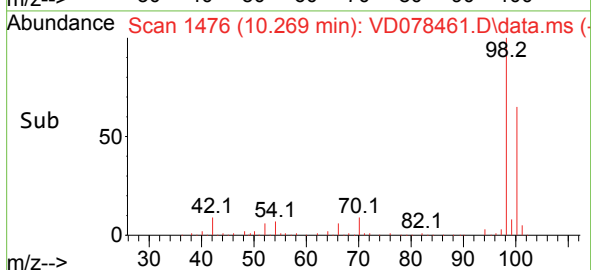
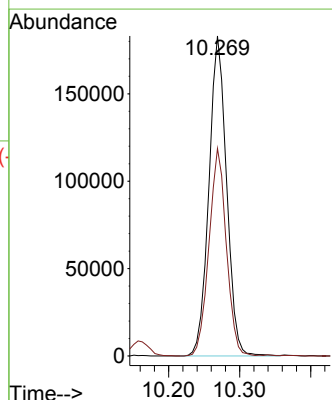
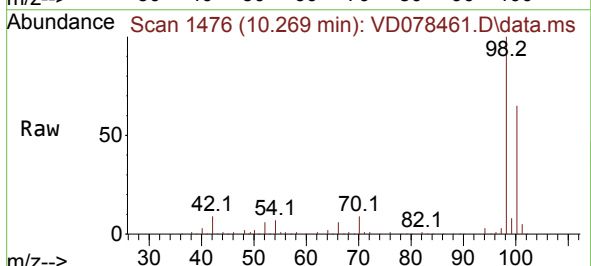
Acq: 19 Feb 2024 13:50

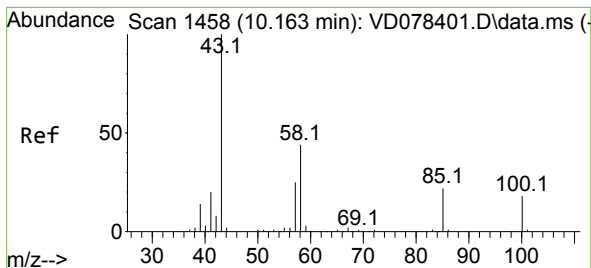
Tgt Ion: 98 Resp: 316366

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

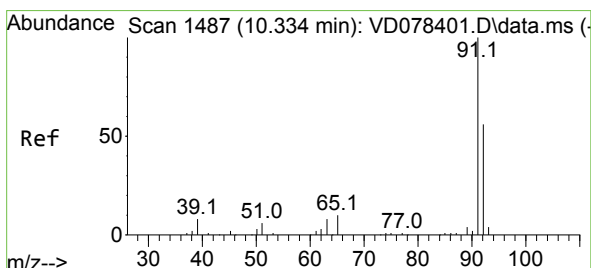
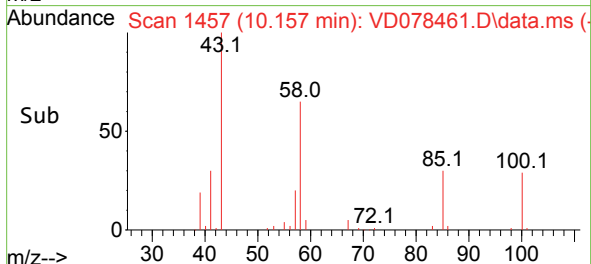
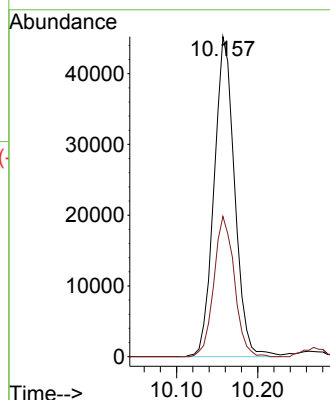
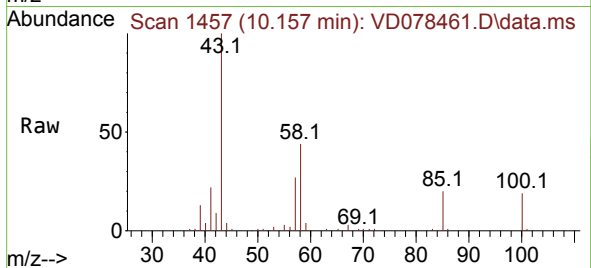




#51
4-Methyl-2-Pentanone
Concen: 94.200 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

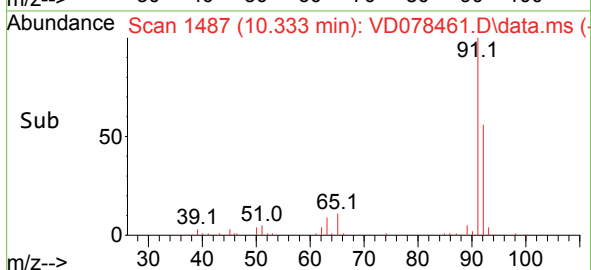
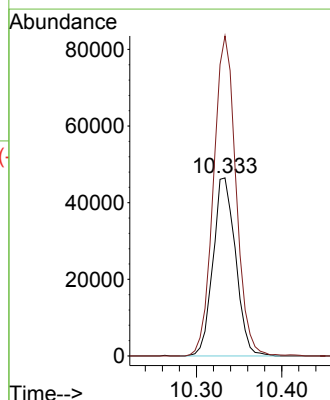
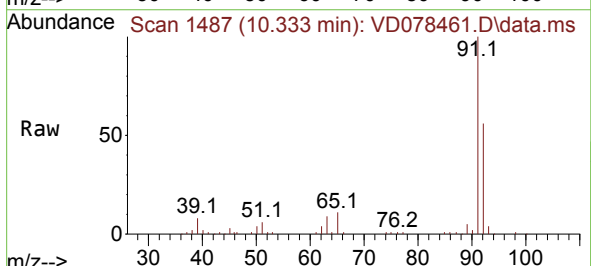
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

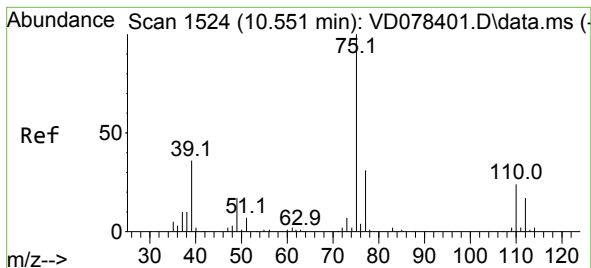
Tgt Ion: 43 Resp: 79867
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 18.977 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 92 Resp: 85365
Ion Ratio Lower Upper
92 100
91 179.5 143.0 214.4

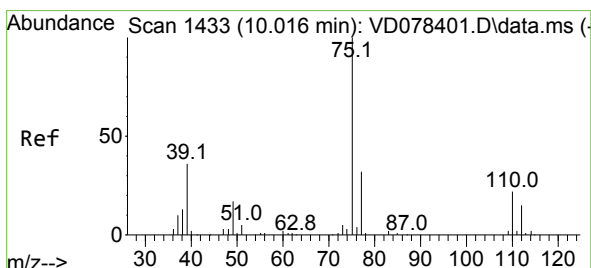
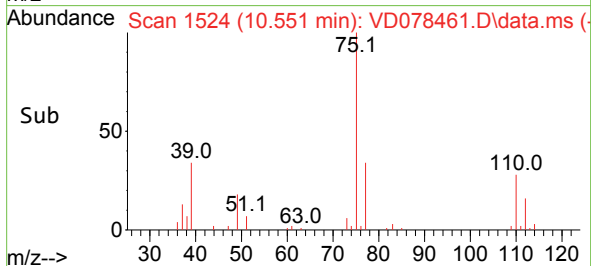
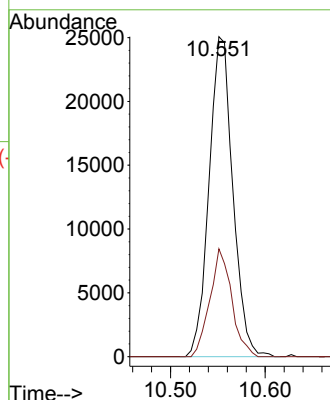
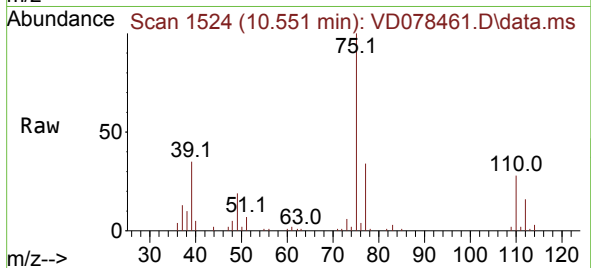




#53
 t-1,3-Dichloropropene
 Concen: 19.718 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

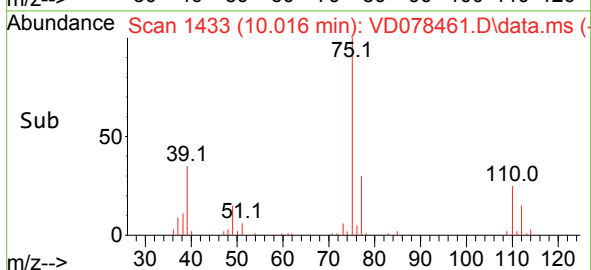
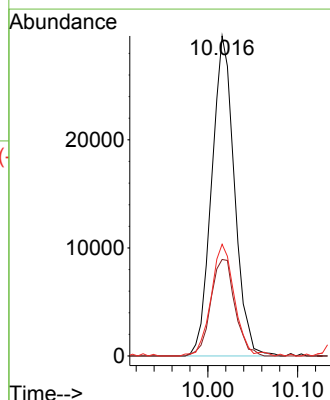
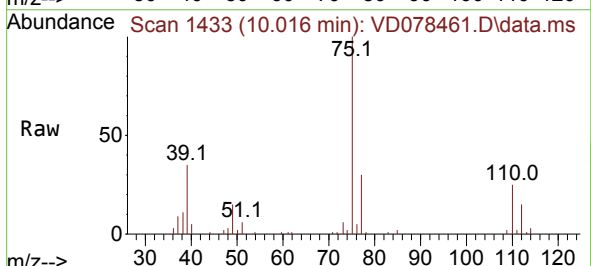
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

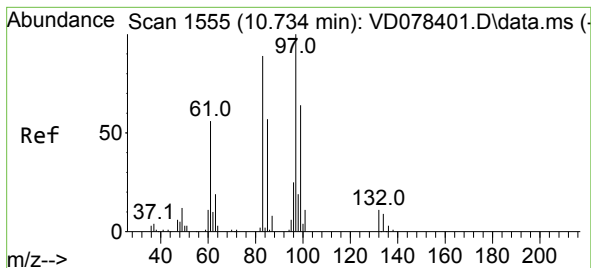
Tgt Ion: 75 Resp: 43746
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.375 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

Tgt Ion: 75 Resp: 52122
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.5 38.3
 39 34.9 22.1 33.1#

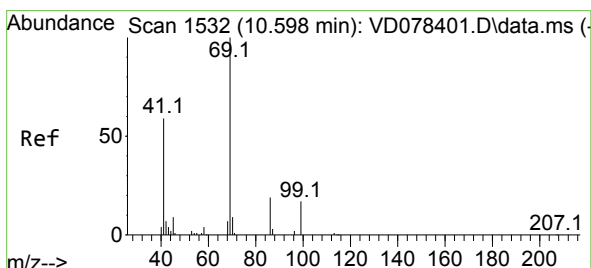
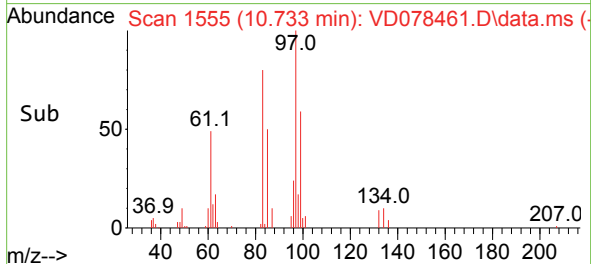
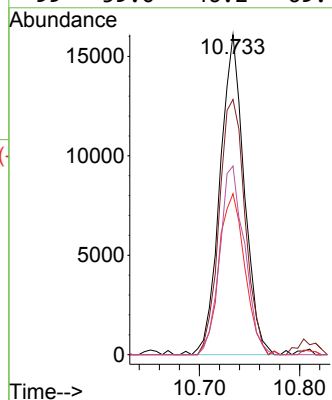
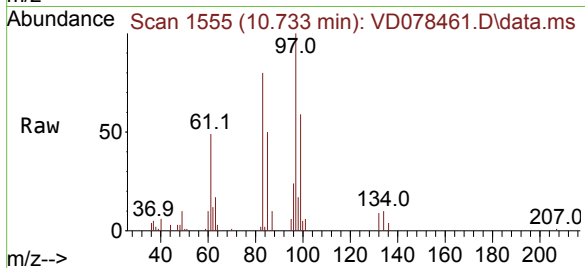




#55
 1,1,2-Trichloroethane
 Concen: 20.363 ug/l
 RT: 10.733 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

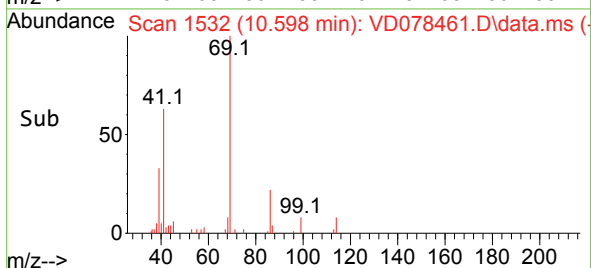
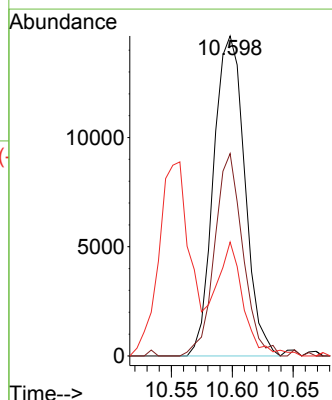
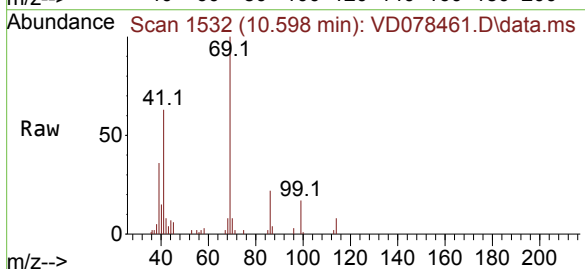
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBSD01

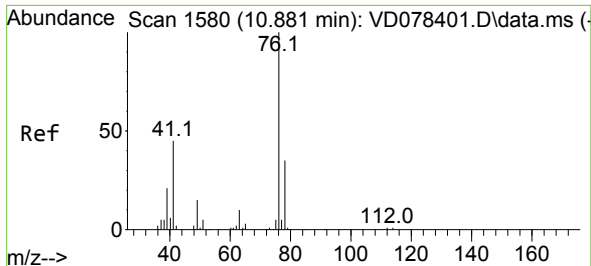
Tgt Ion:	97	Resp:	26919
Ion	Ratio	Lower	Upper
97	100		
83	79.7	65.8	98.6
85	50.3	45.7	68.5
99	59.0	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 21.323 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

Tgt Ion:	69	Resp:	26070
Ion	Ratio	Lower	Upper
69	100		
41	57.5	39.1	58.7
39	29.0	20.0	30.0

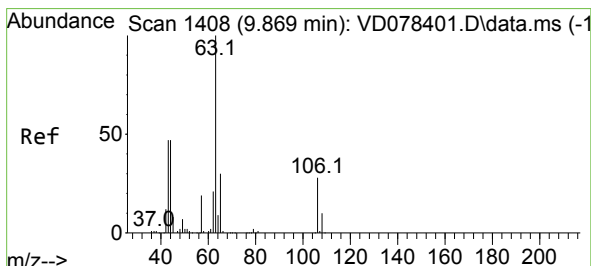
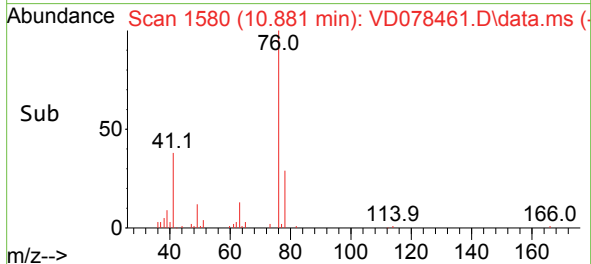
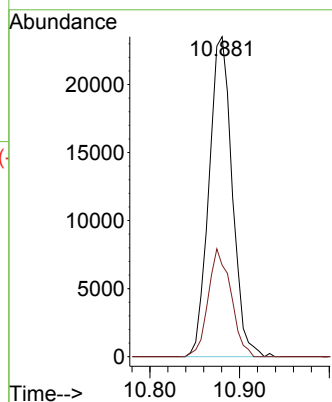
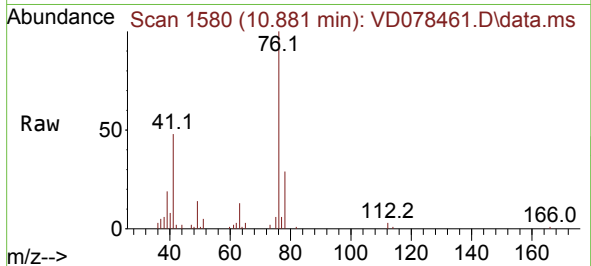




#57
1,3-Dichloropropane
Concen: 18.795 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

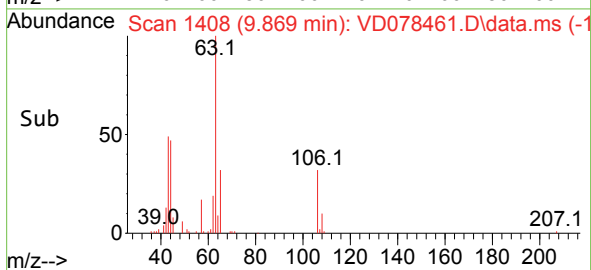
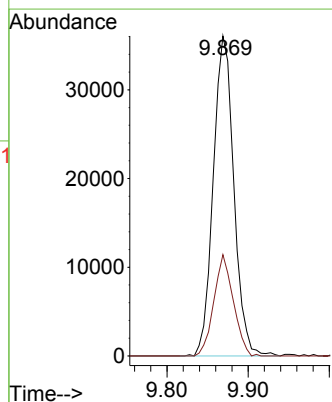
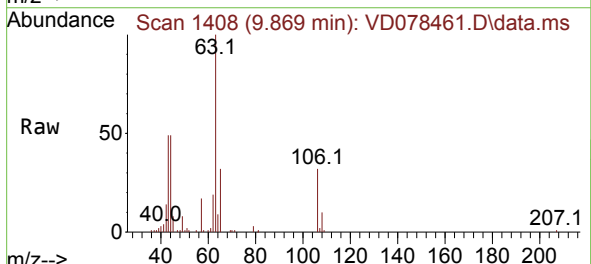
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

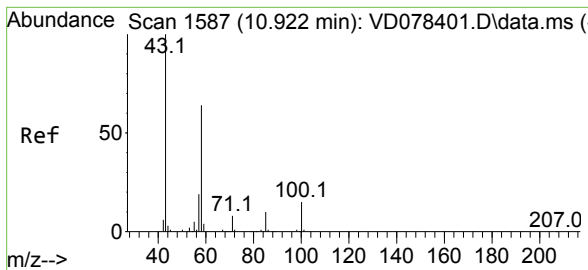
Tgt Ion: 76 Resp: 42265
Ion Ratio Lower Upper
76 100
78 33.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 88.330 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 63 Resp: 63614
Ion Ratio Lower Upper
63 100
106 29.9 25.3 37.9

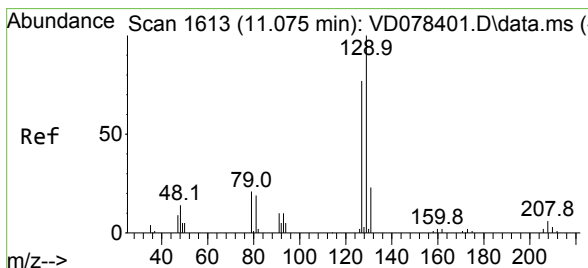
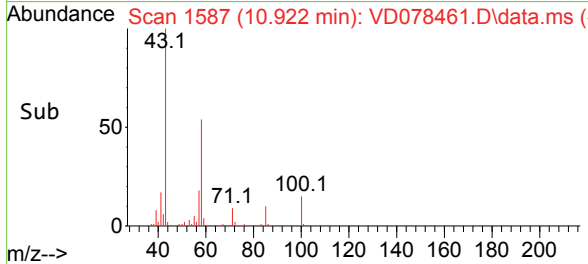
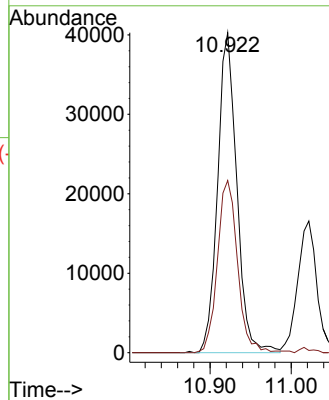
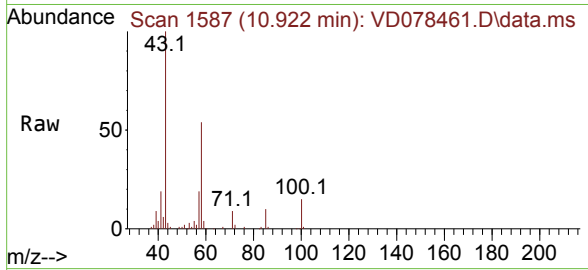




#59
2-Hexanone
Concen: 103.791 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

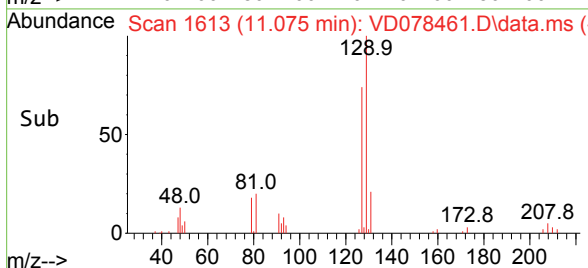
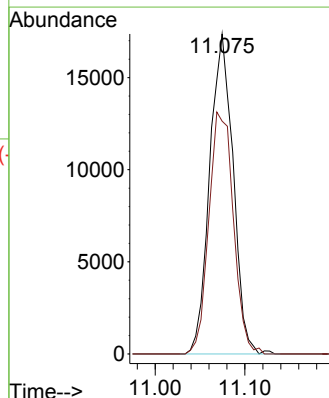
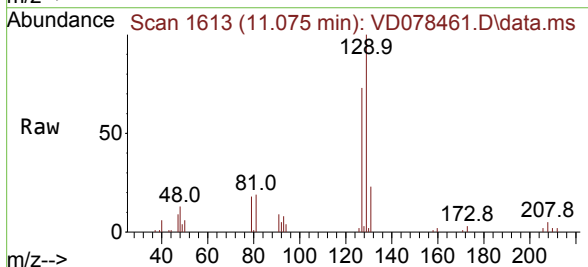
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

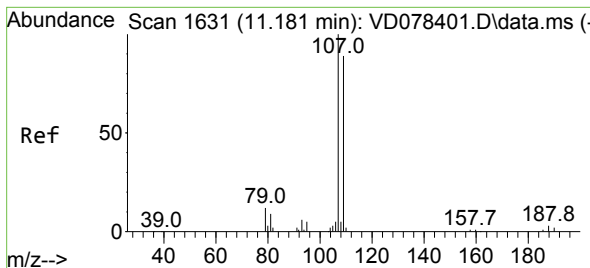
Tgt Ion: 43 Resp: 66132
Ion Ratio Lower Upper
43 100
58 56.4 34.1 102.2



#60
Dibromochloromethane
Concen: 19.787 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 129 Resp: 31473
Ion Ratio Lower Upper
129 100
127 79.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 18.818 ug/l

RT: 11.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

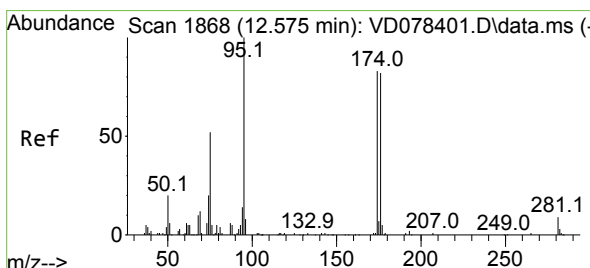
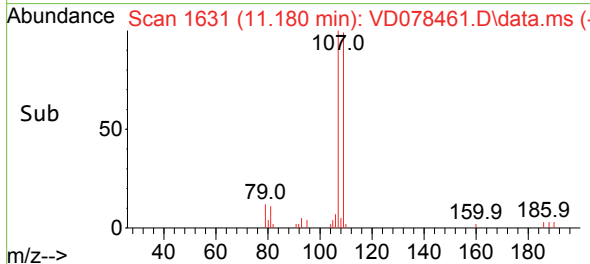
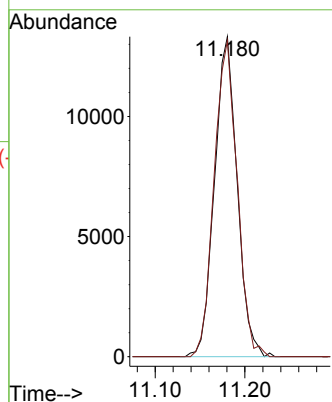
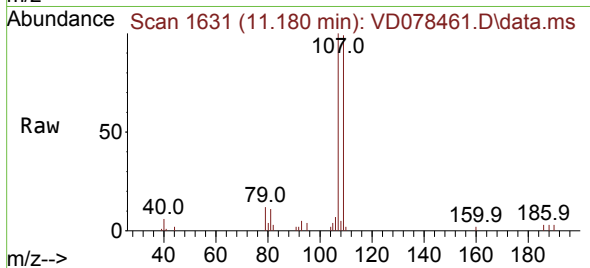
VD0219SBSD01

Tgt Ion:107 Resp: 23355

Ion Ratio Lower Upper

107 100

109 100.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.423 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

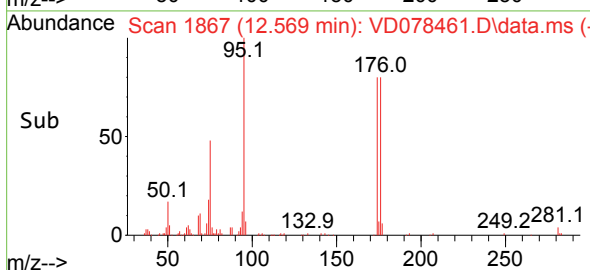
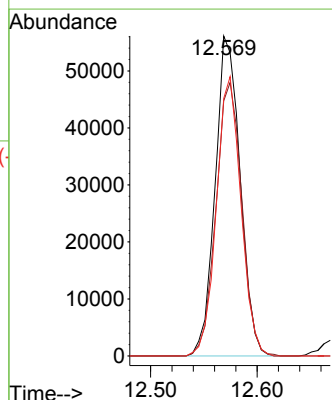
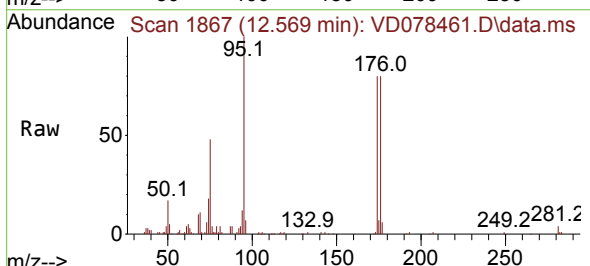
Tgt Ion: 95 Resp: 91141

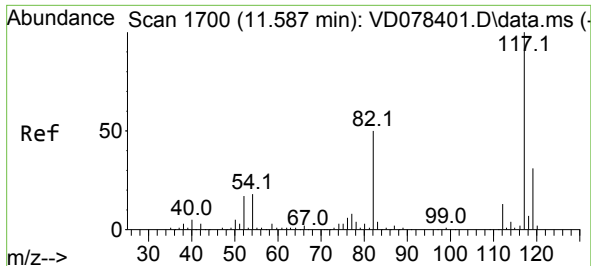
Ion Ratio Lower Upper

95 100

174 88.5 0.0 201.8

176 85.8 0.0 191.8

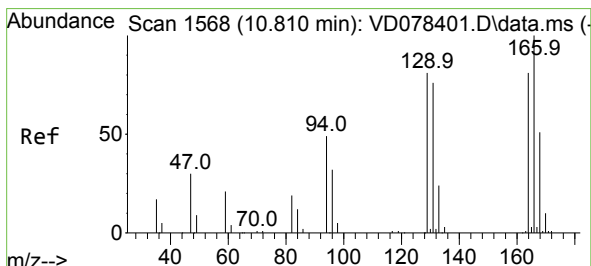
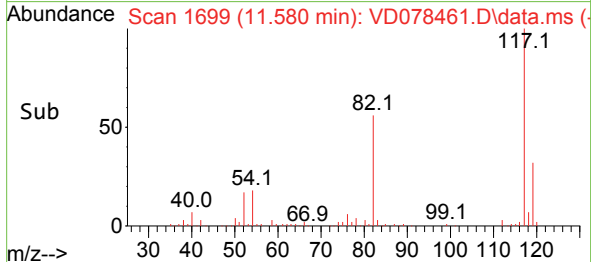
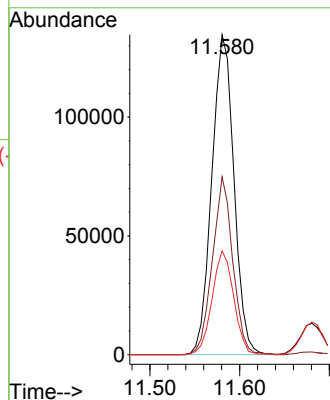
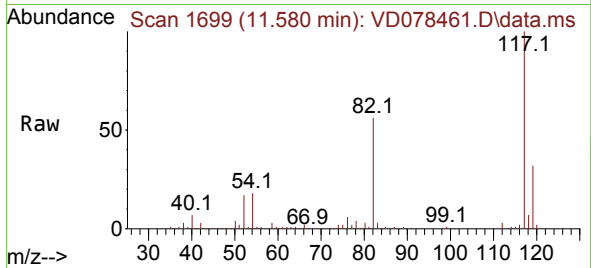




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

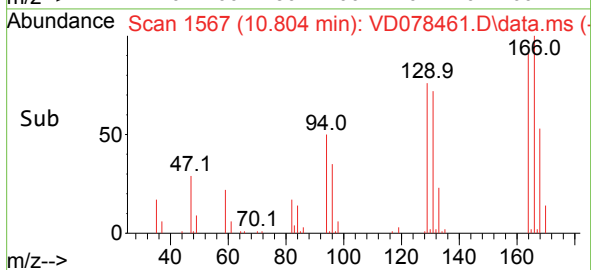
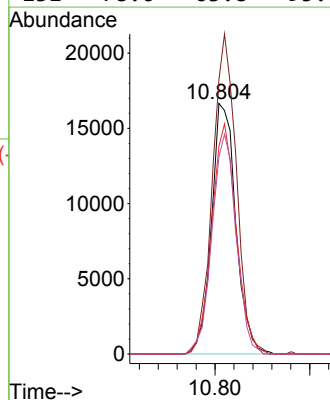
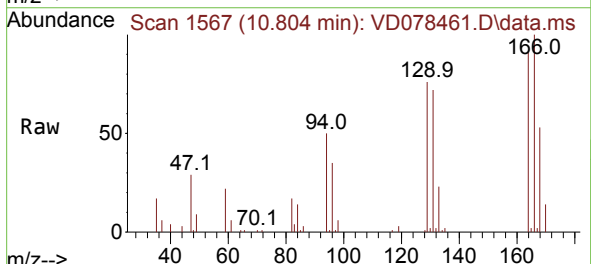
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

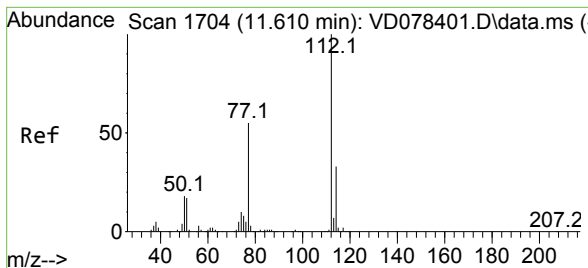
Tgt Ion:117 Resp: 230529
Ion Ratio Lower Upper
117 100
82 55.6 38.3 57.5
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:164 Resp: 29631
Ion Ratio Lower Upper
164 100
166 109.4 99.2 148.8
129 82.9 68.4 102.6
131 78.6 63.8 95.8

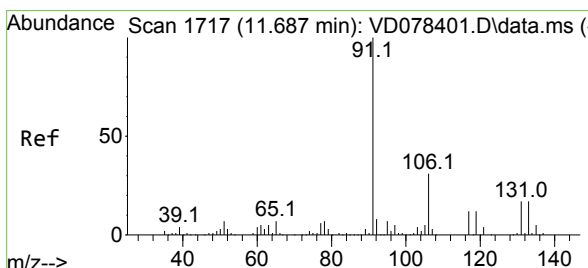
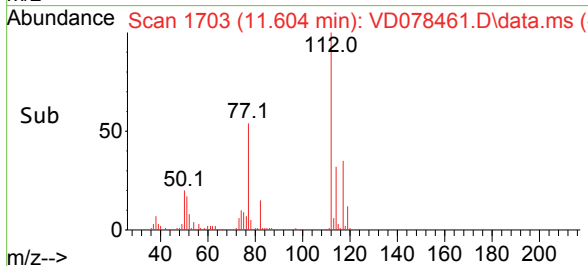
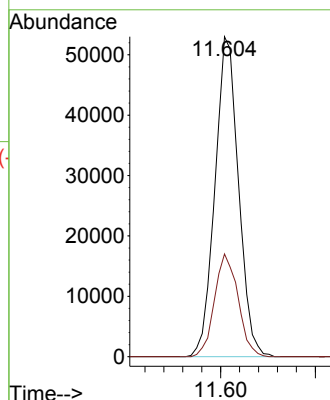
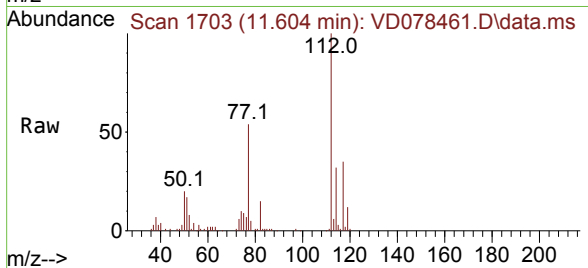




#65
Chlorobenzene
Concen: 19.743 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

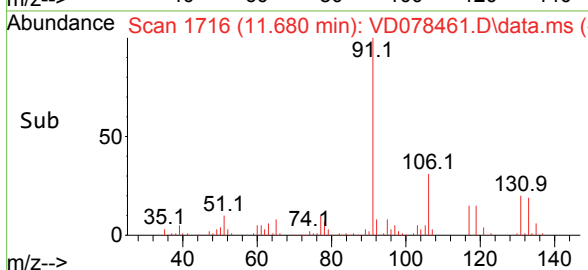
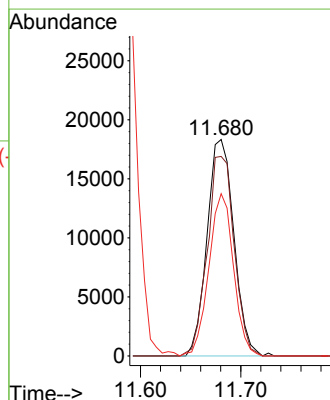
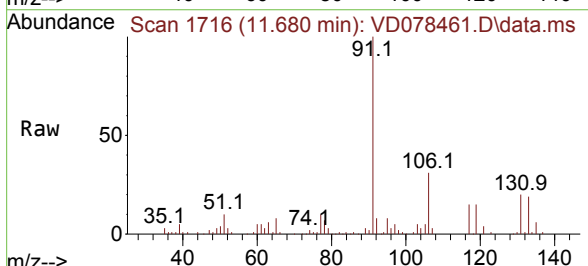
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

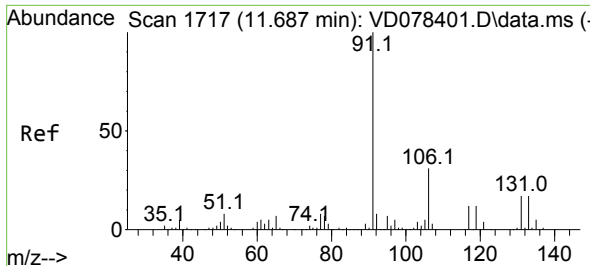
Tgt Ion:112 Resp: 91500
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:131 Resp: 34126
Ion Ratio Lower Upper
131 100
133 92.4 48.5 145.5
119 68.8 35.6 106.9

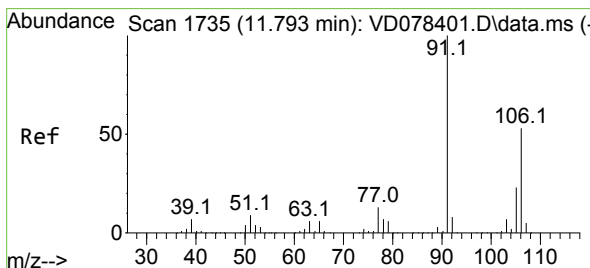
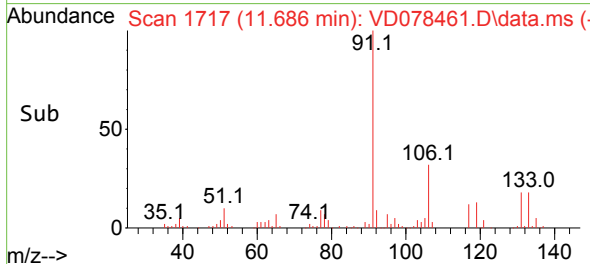
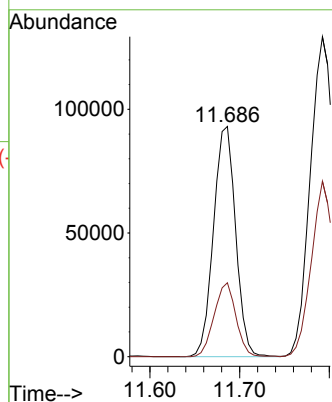
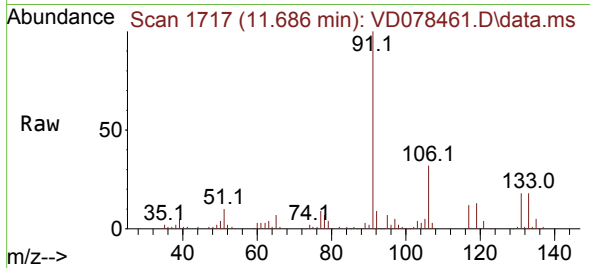




#67
Ethyl Benzene
Concen: 19.190 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

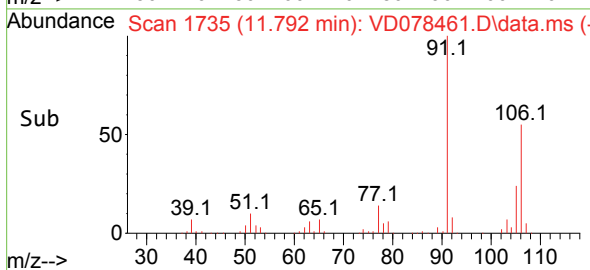
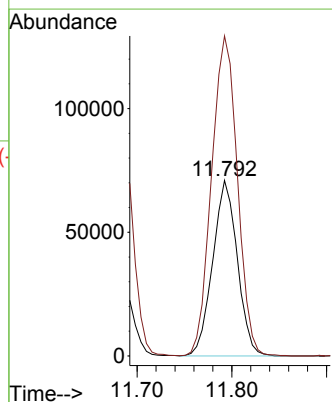
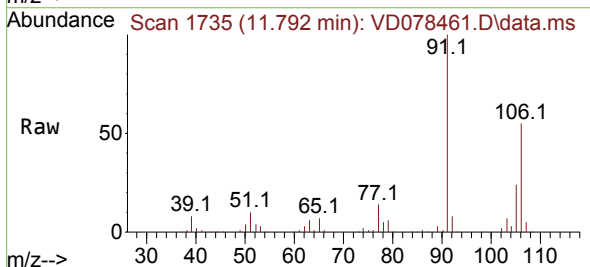
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

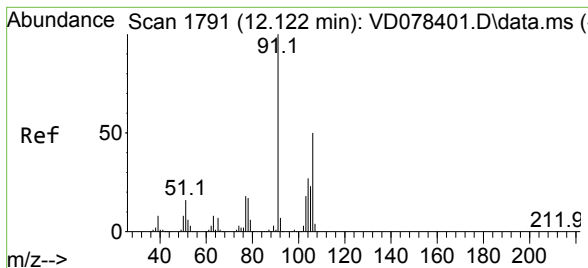
Tgt Ion: 91 Resp: 159349
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 39.563 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 106 Resp: 128146
Ion Ratio Lower Upper
106 100
91 191.5 147.0 220.6

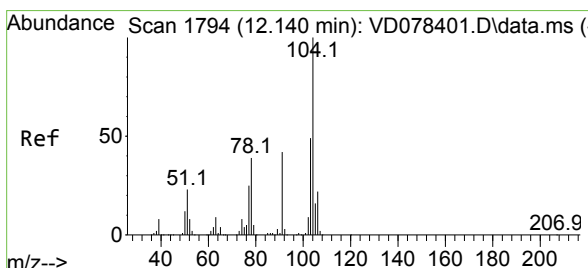
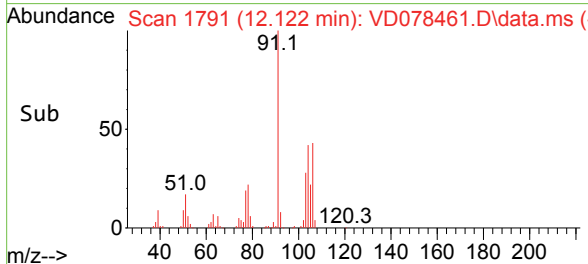
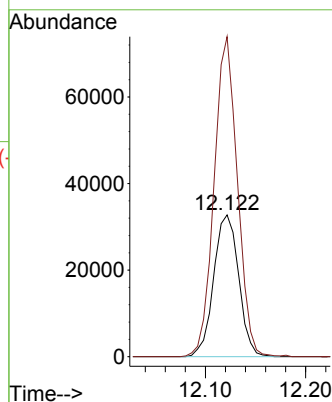
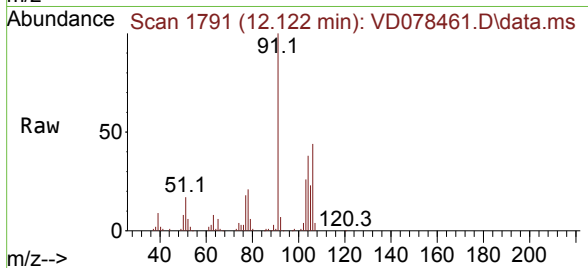




#69
o-Xylene
Concen: 19.189 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

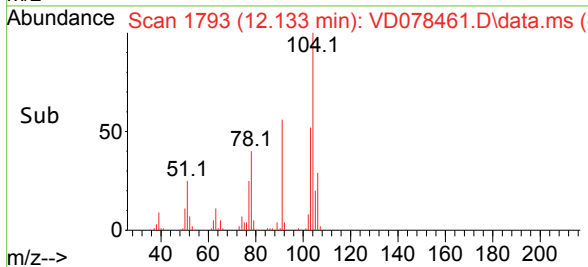
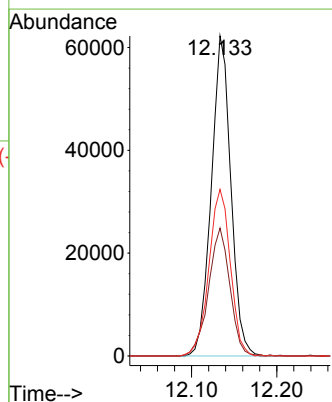
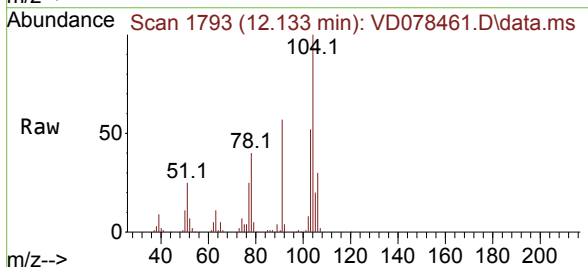
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

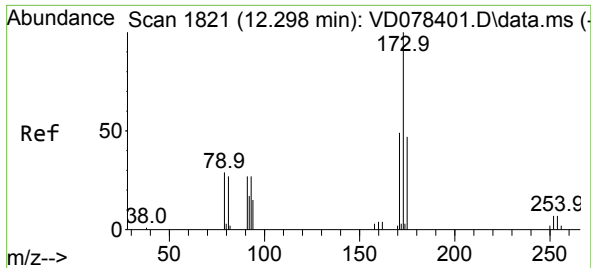
Tgt Ion:106 Resp: 56721
Ion Ratio Lower Upper
106 100
91 210.9 97.9 293.6



#70
Styrene
Concen: 20.637 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:104 Resp: 99553
Ion Ratio Lower Upper
104 100
78 43.6 33.2 49.8
103 57.0 43.6 65.4

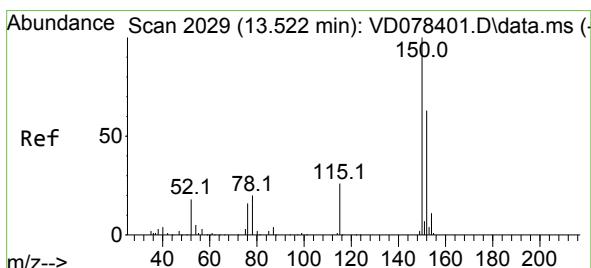
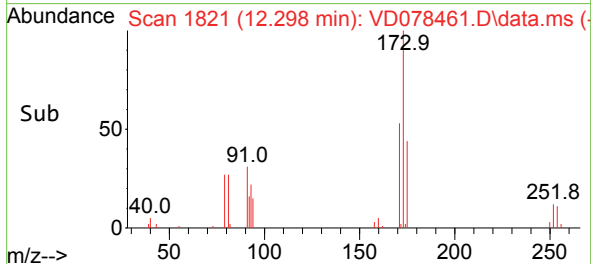
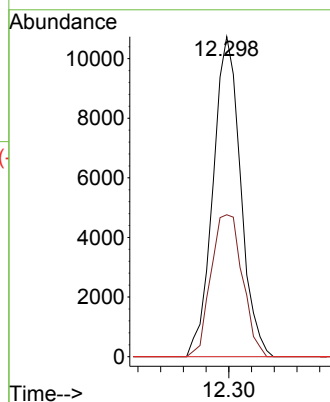
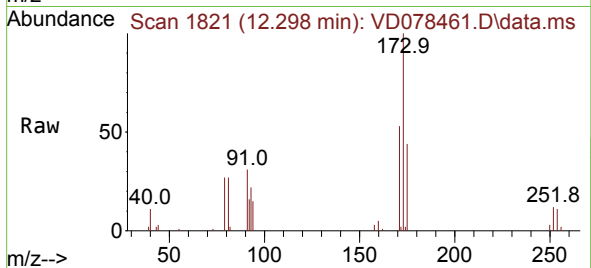




#71
Bromoform
Concen: 20.213 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

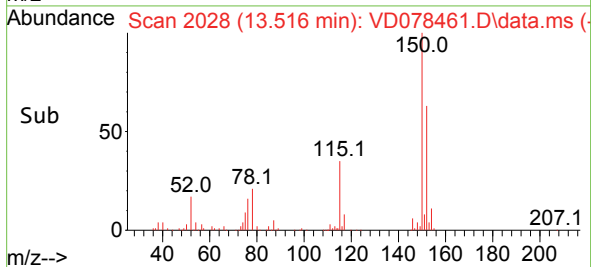
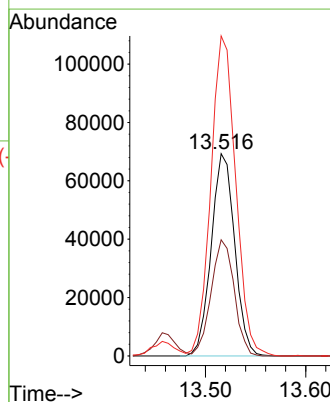
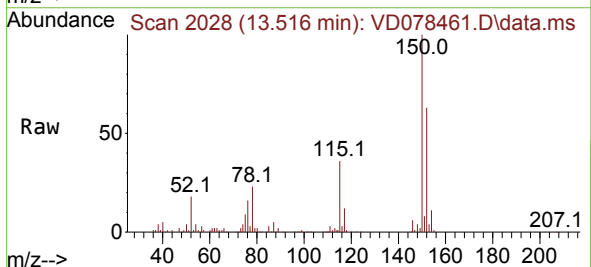
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

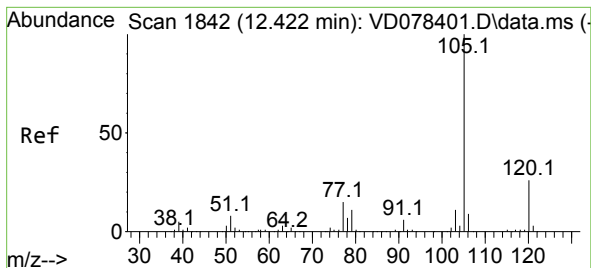
Tgt Ion:173 Resp: 18120
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:152 Resp: 112792
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 167.6 0.0 353.6





#73

Isopropylbenzene

Concen: 19.899 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

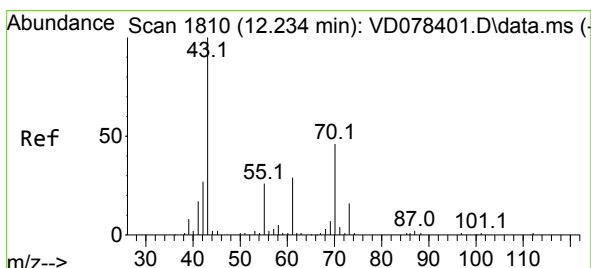
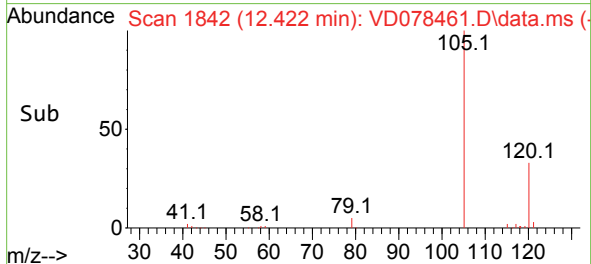
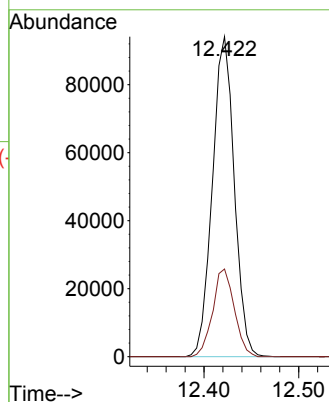
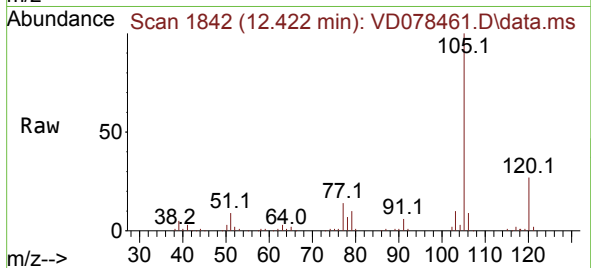
VD0219SBS01

Tgt Ion:105 Resp: 150713

Ion Ratio Lower Upper

105 100

120 27.1 14.3 42.9



#74

N-ethyl acetate

Concen: 19.381 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Tgt Ion: 43 Resp: 27770

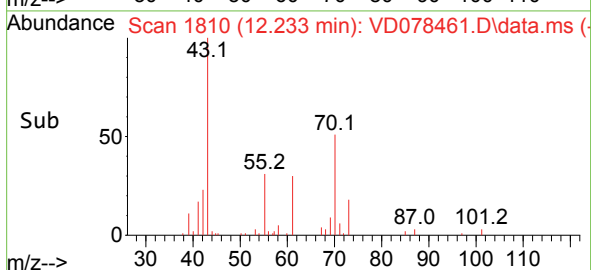
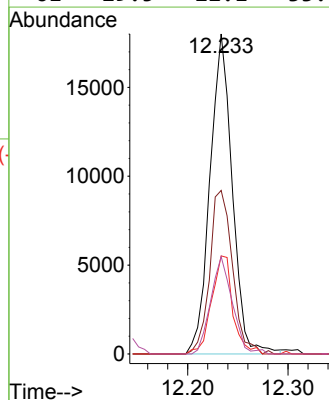
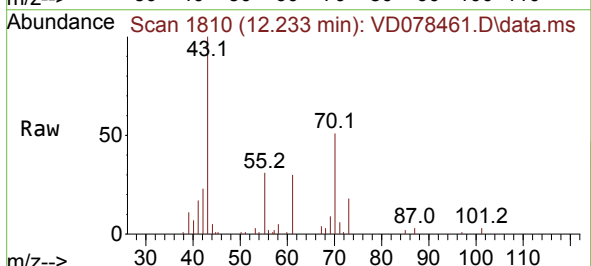
Ion Ratio Lower Upper

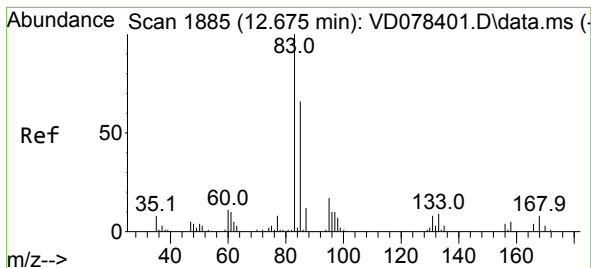
43 100

70 52.3 45.0 67.4

55 29.2 23.8 35.6

61 29.5 22.1 33.1

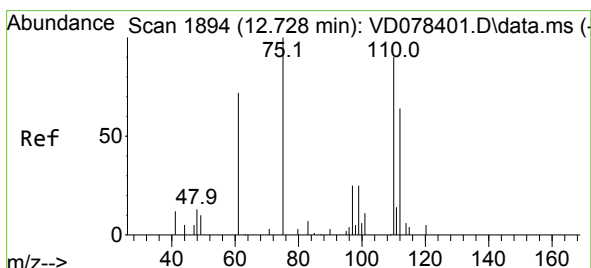
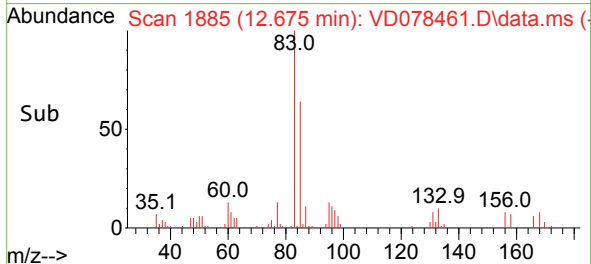
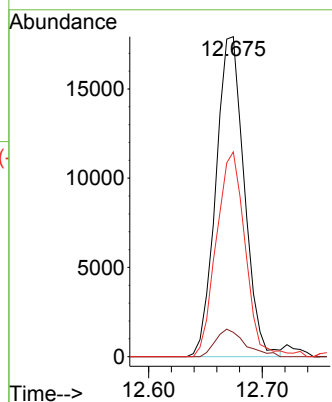
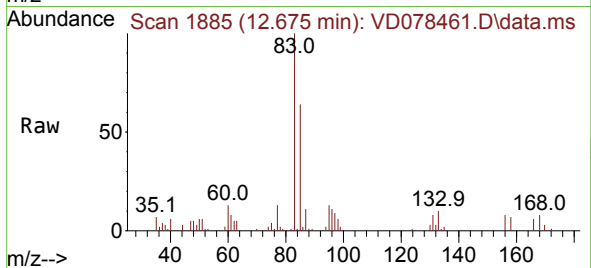




#75
1,1,2,2-Tetrachloroethane
Concen: 20.718 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

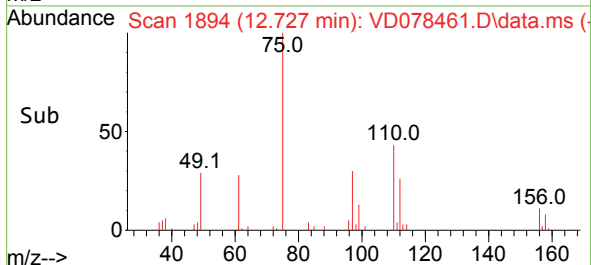
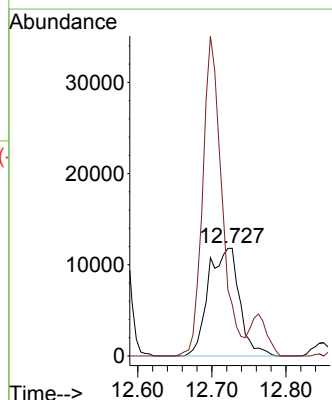
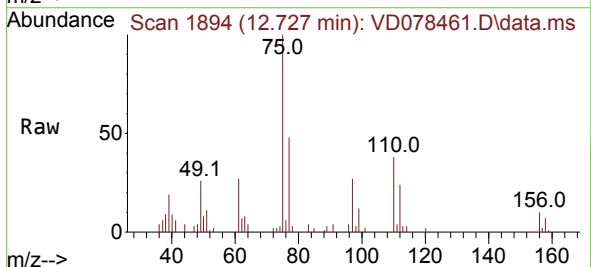
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

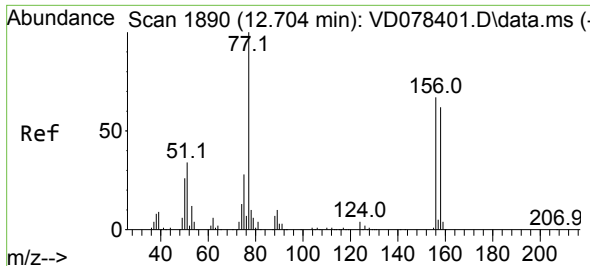
Tgt Ion: 83 Resp: 31126
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 65.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 35.965 ug/l
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 75 Resp: 34439
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

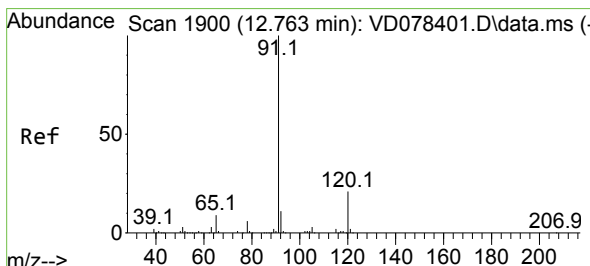
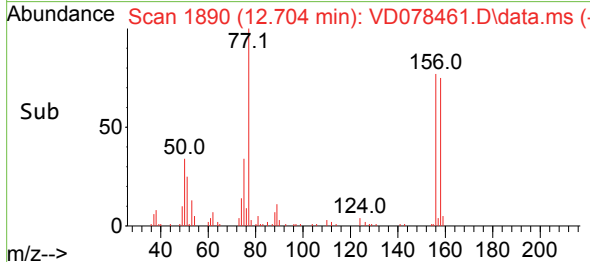
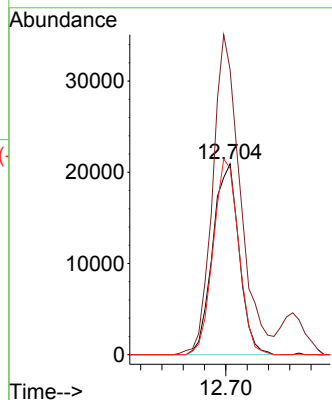
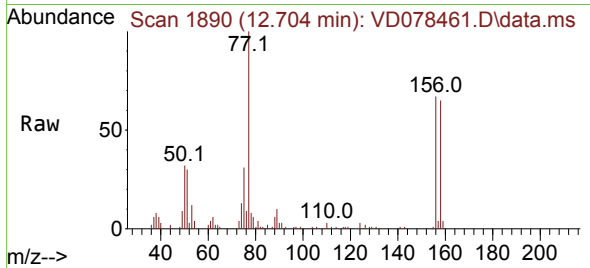




#77
Bromobenzene
Concen: 20.230 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

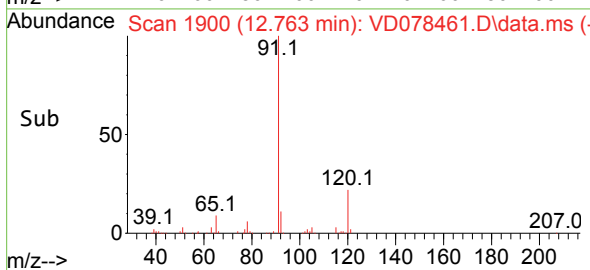
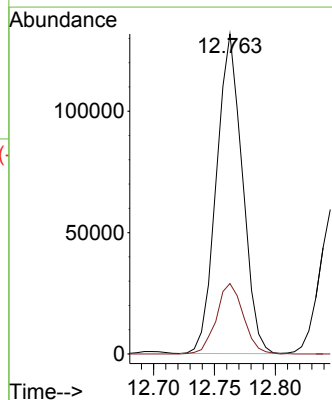
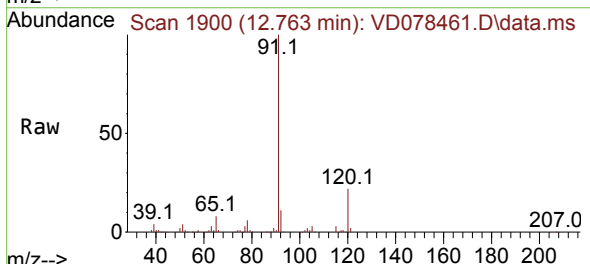
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

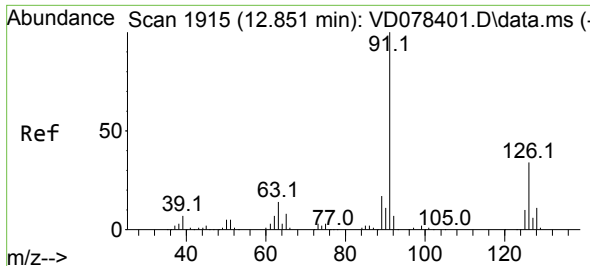
Tgt Ion:156 Resp: 36009
Ion Ratio Lower Upper
156 100
77 176.1 76.8 230.4
158 98.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.682 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 91 Resp: 195210
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

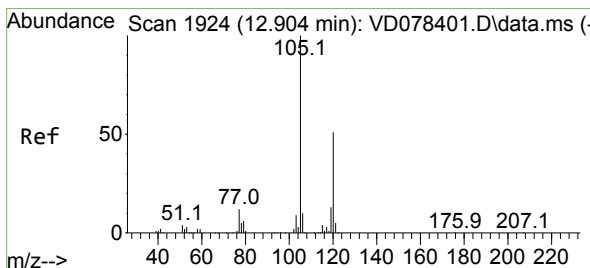
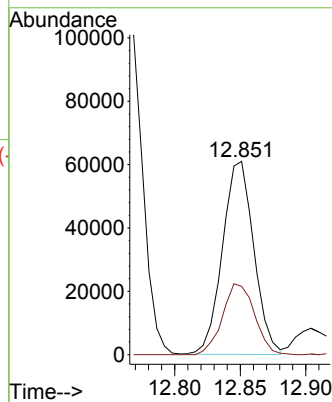
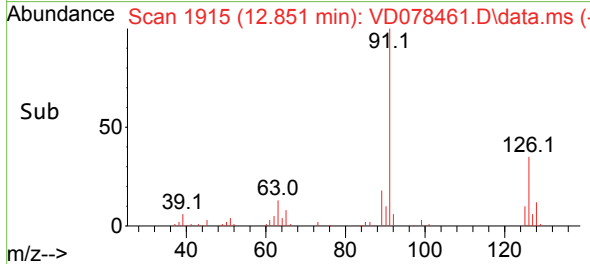
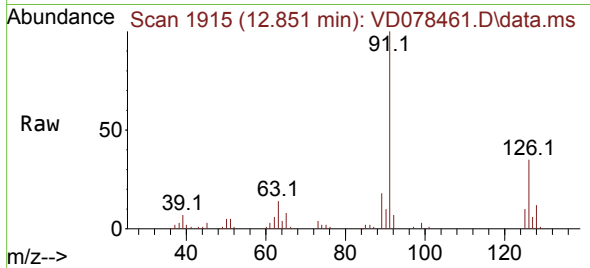




#79
2-Chlorotoluene
Concen: 20.075 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

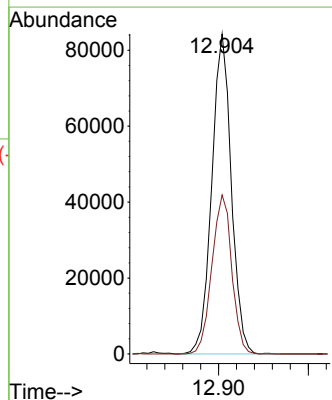
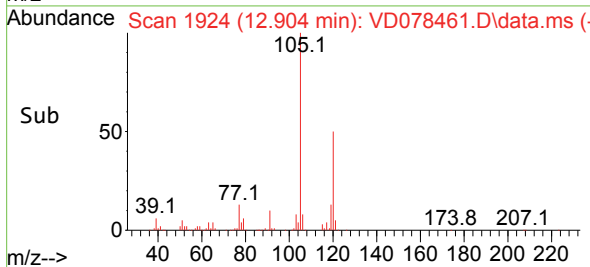
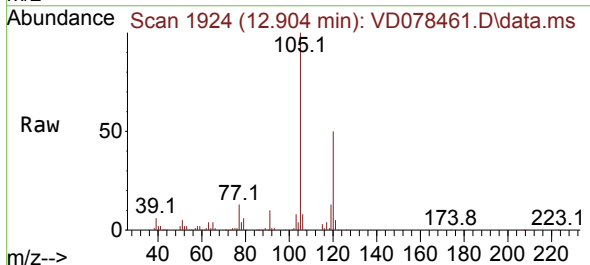
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

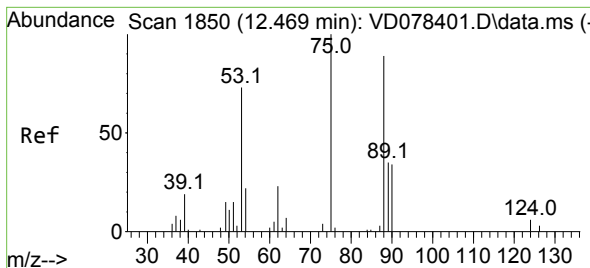
Tgt Ion: 91 Resp: 101484
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.218 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 105 Resp: 127152
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2

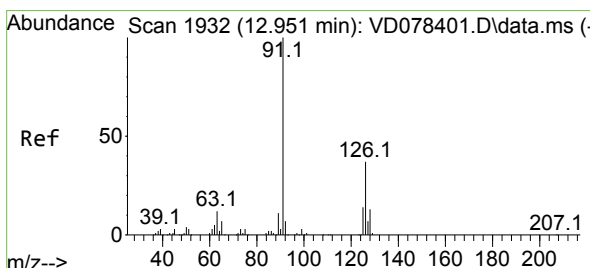
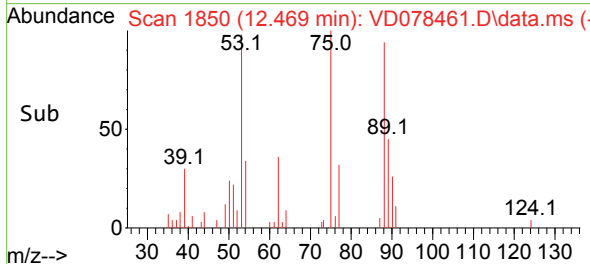
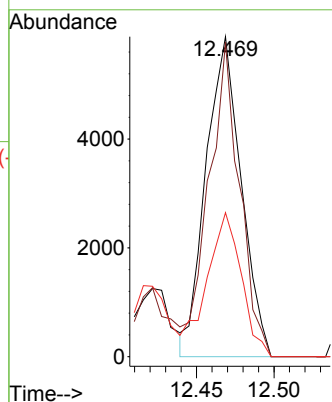
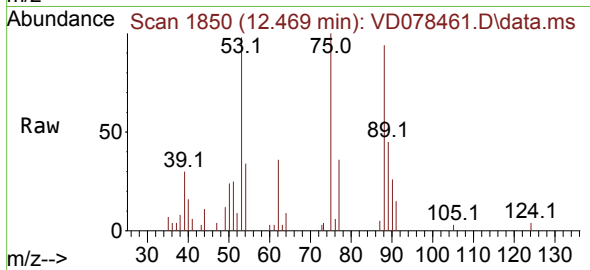




#81
trans-1,4-Dichloro-2-butene
Concen: 20.113 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

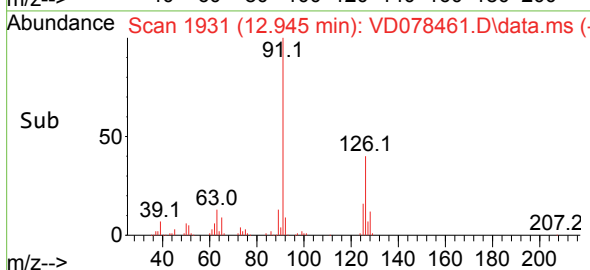
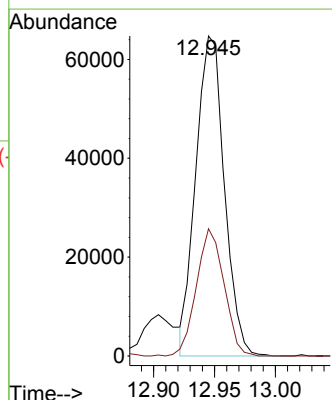
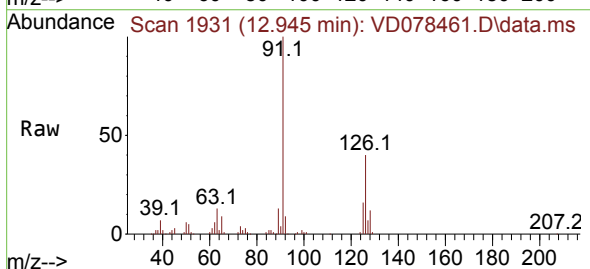
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

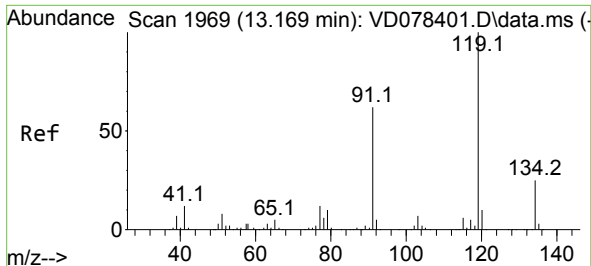
Tgt Ion:	75	Resp:	9277
Ion	Ratio	Lower	Upper
75	100		
53	86.4	63.0	94.4
89	44.0	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.465 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:	91	Resp:	105681
Ion	Ratio	Lower	Upper
91	100		
126	38.5	19.4	58.4

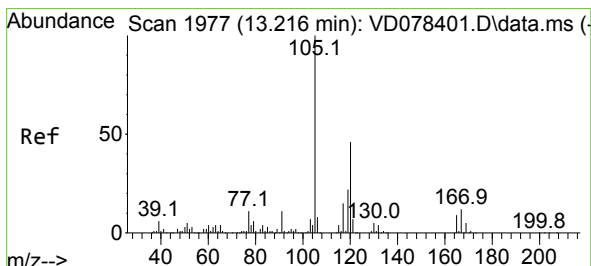
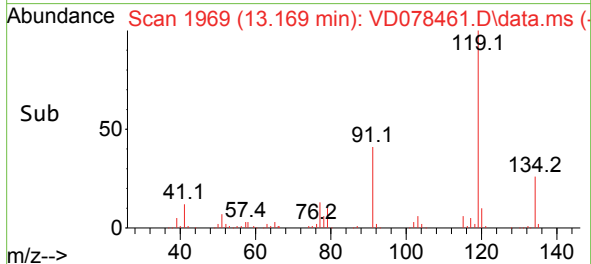
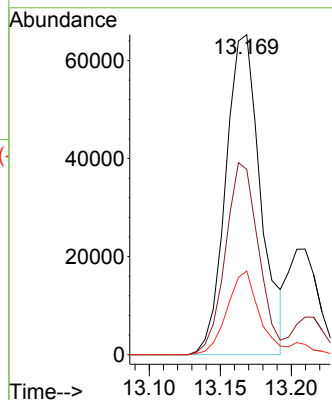
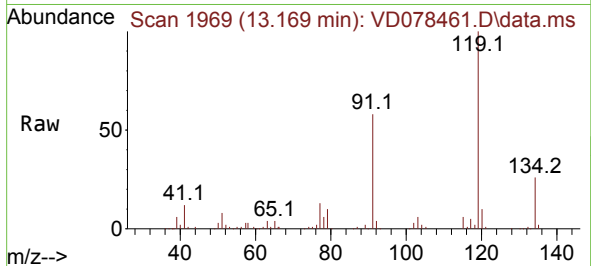




#83
tert-Butylbenzene
Concen: 21.019 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

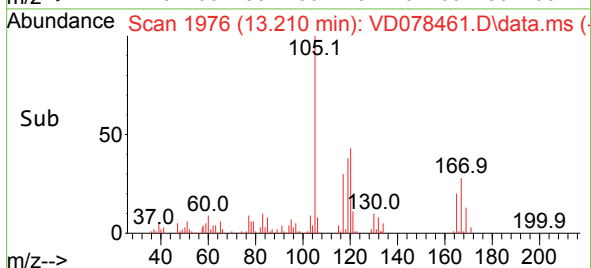
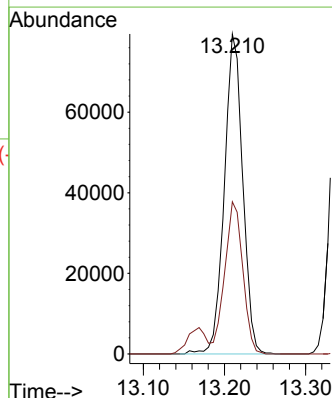
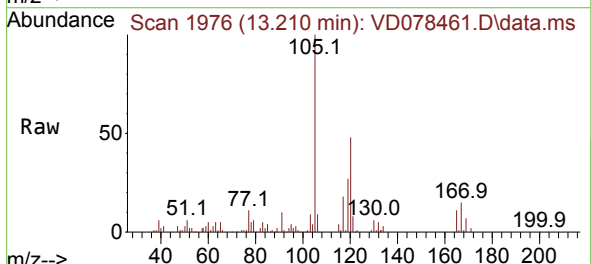
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

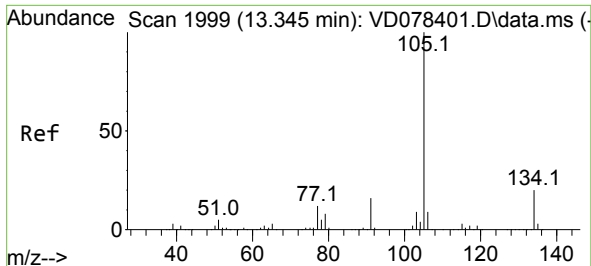
Tgt Ion:119 Resp: 111481
Ion Ratio Lower Upper
119 100
91 57.2 29.3 87.8
134 24.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.608 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion:105 Resp: 125152
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

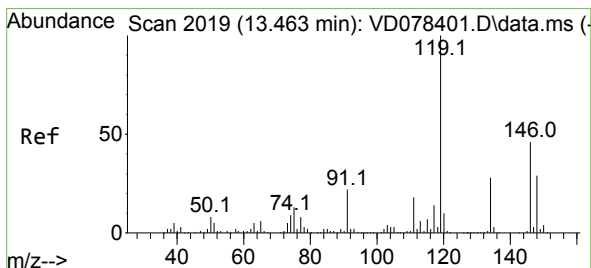
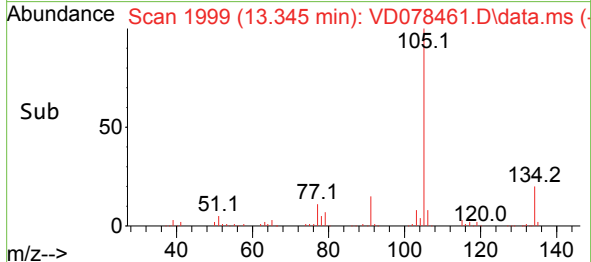
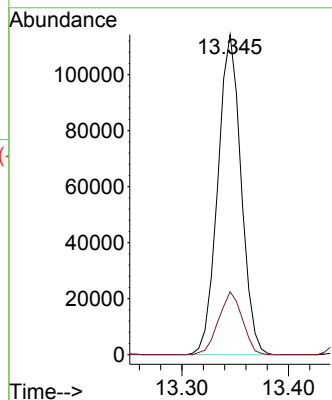
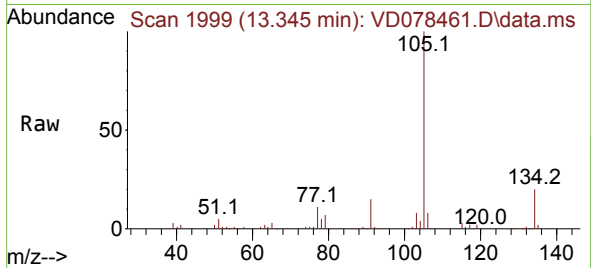




#85
 sec-Butylbenzene
 Concen: 21.080 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

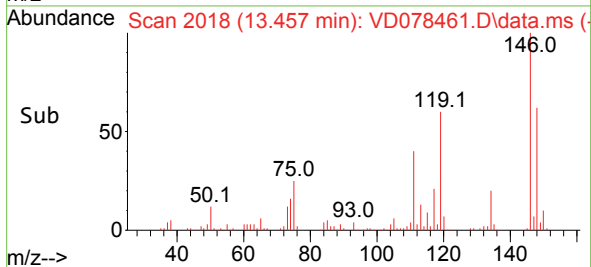
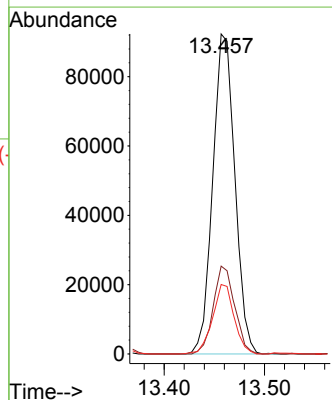
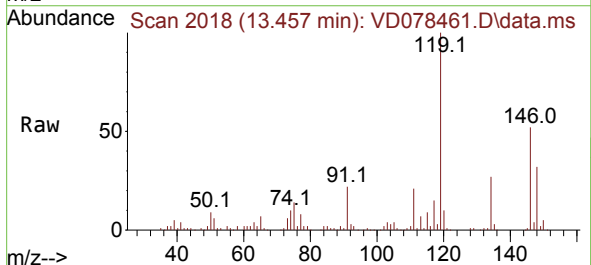
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBSD01

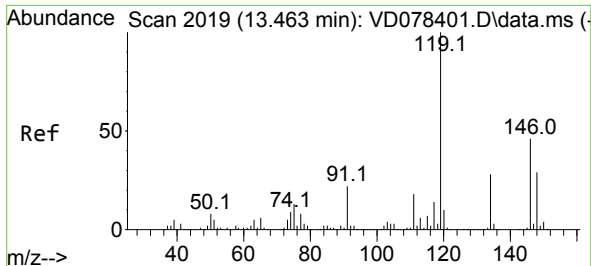
Tgt Ion:105 Resp: 173394
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.168 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078461.D
 Acq: 19 Feb 2024 13:50

Tgt Ion:119 Resp: 141296
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.318 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078461.D

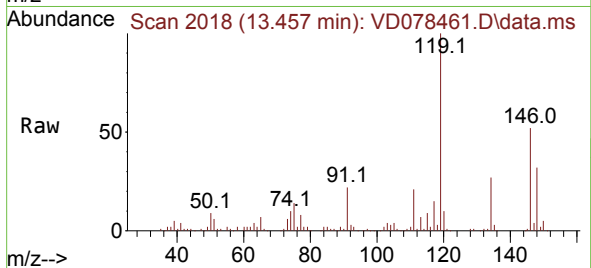
Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01



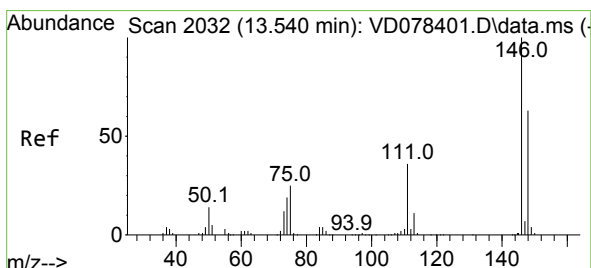
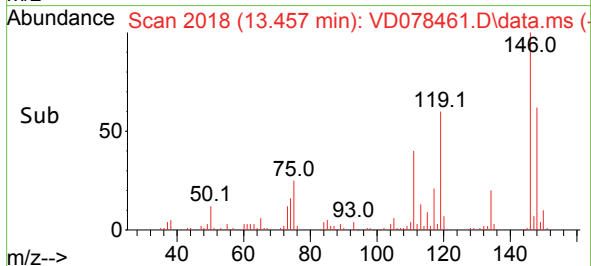
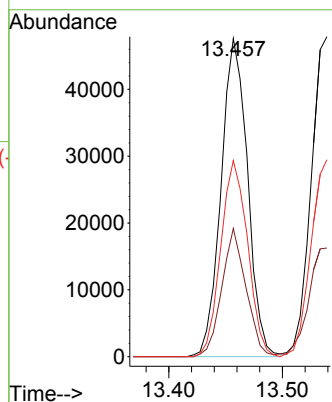
Tgt Ion:146 Resp: 77186

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

148 62.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.709 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

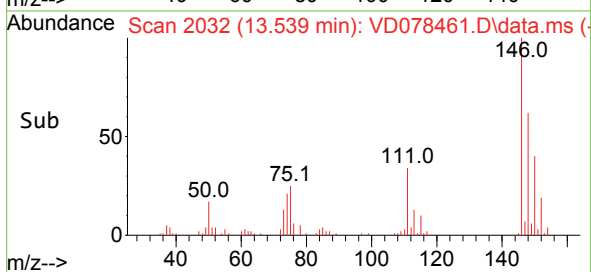
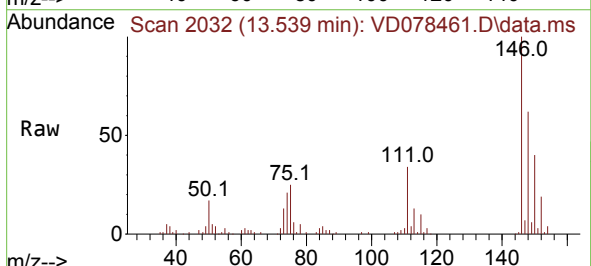
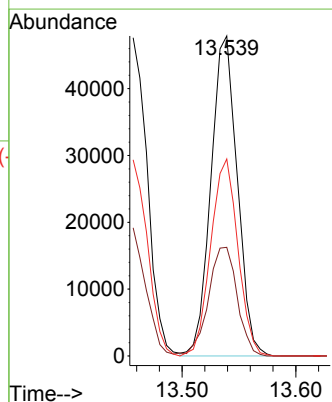
Tgt Ion:146 Resp: 77303

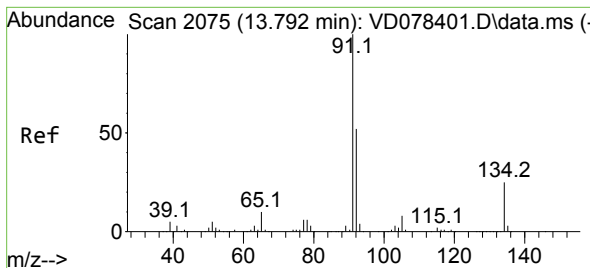
Ion Ratio Lower Upper

146 100

111 37.1 17.4 52.3

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.995 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

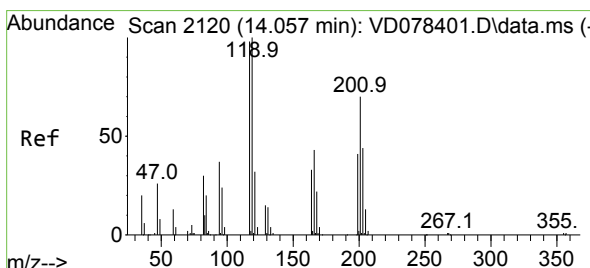
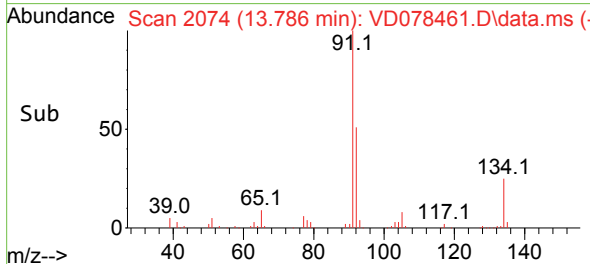
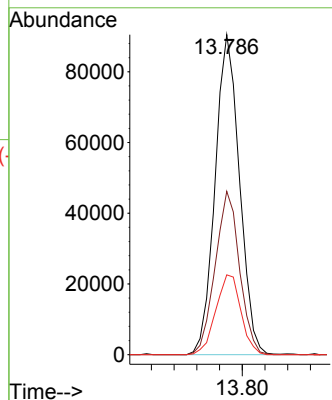
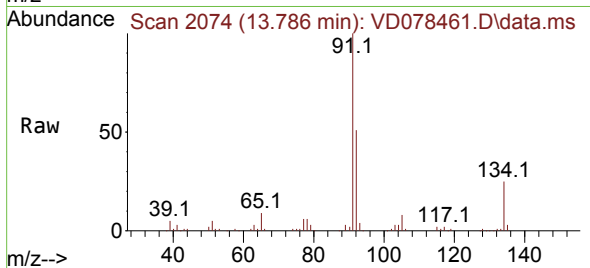
Tgt Ion: 91 Resp: 135027

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 20.516 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078461.D

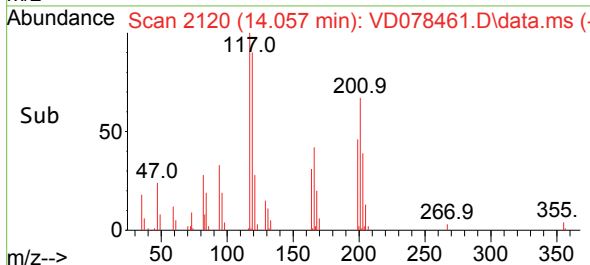
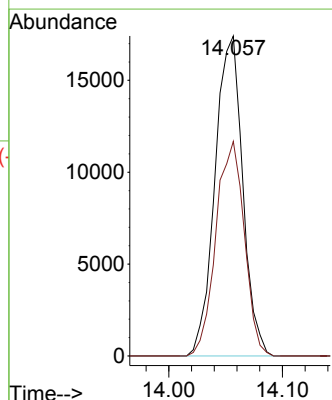
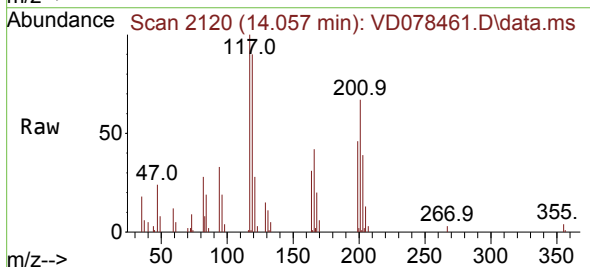
Acq: 19 Feb 2024 13:50

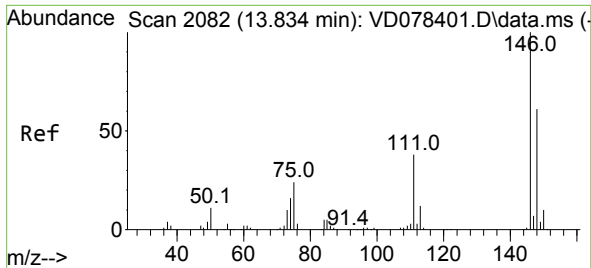
Tgt Ion: 117 Resp: 29542

Ion Ratio Lower Upper

117 100

201 68.5 38.5 115.5

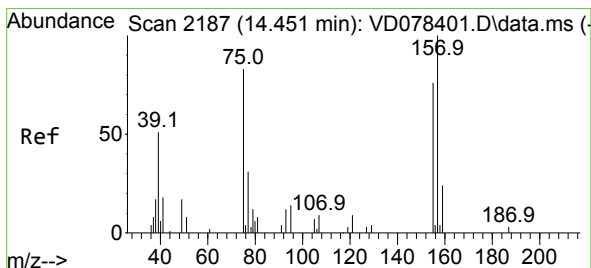
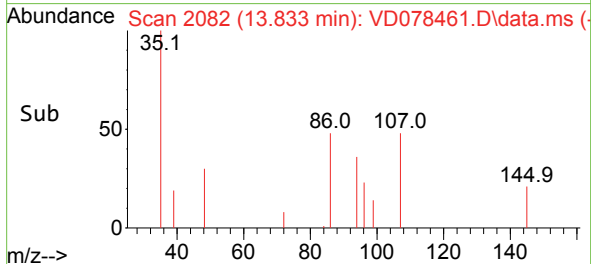
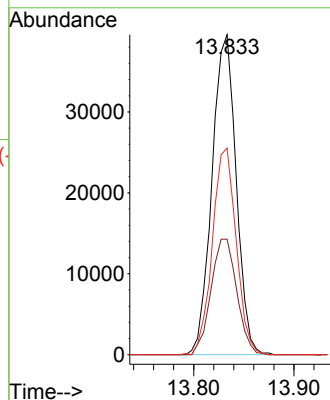
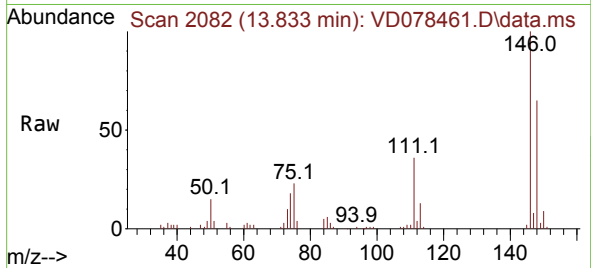




#91
1,2-Dichlorobenzene
Concen: 20.725 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

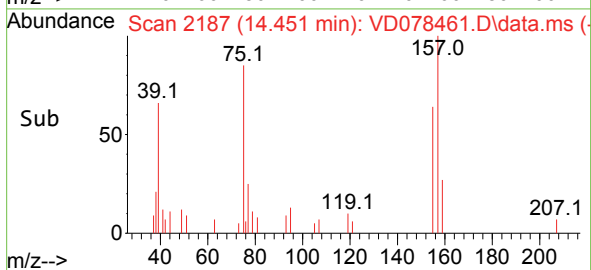
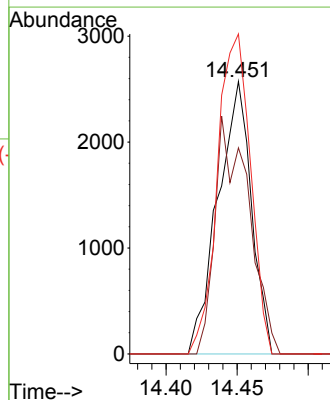
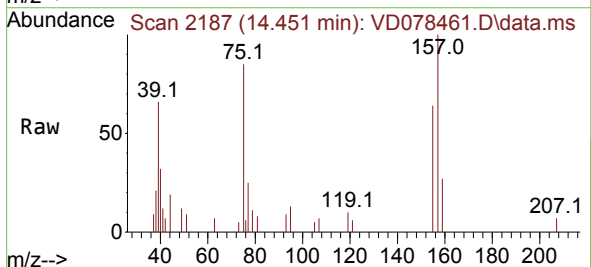
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

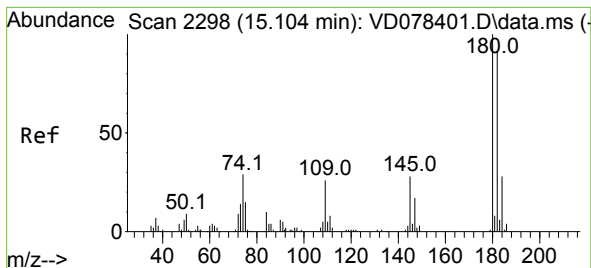
Tgt Ion:146 Resp: 66116
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.365 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078461.D
Acq: 19 Feb 2024 13:50

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
155 88.1 47.9 143.8
157 115.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.770 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBSD01

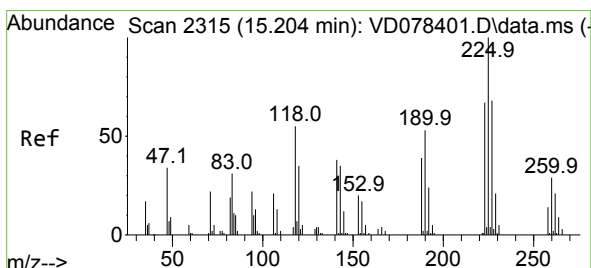
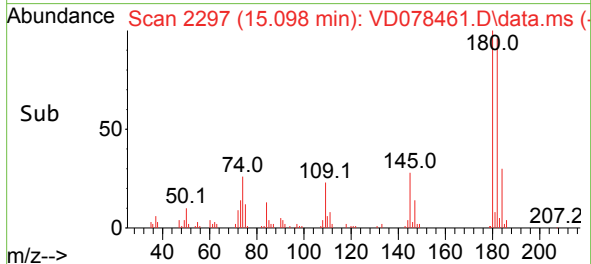
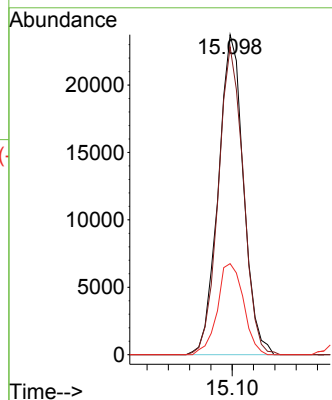
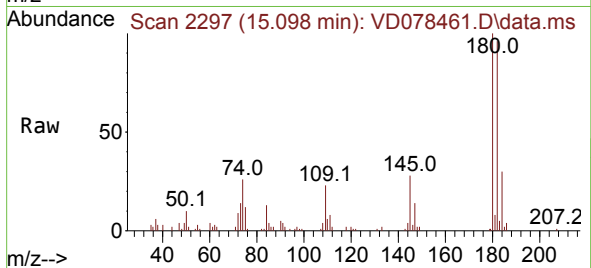
Tgt Ion:180 Resp: 38941

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.590 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

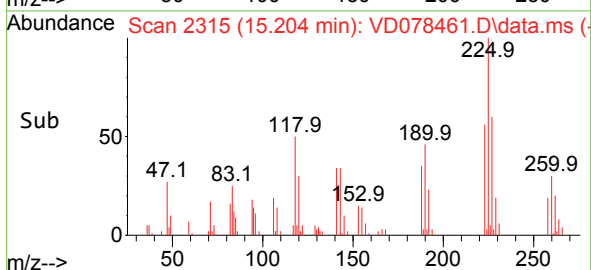
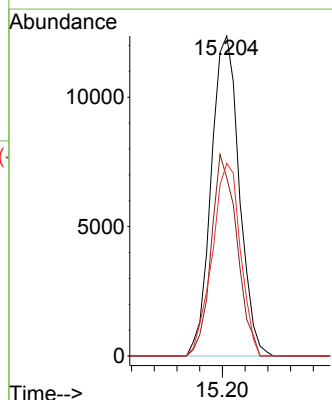
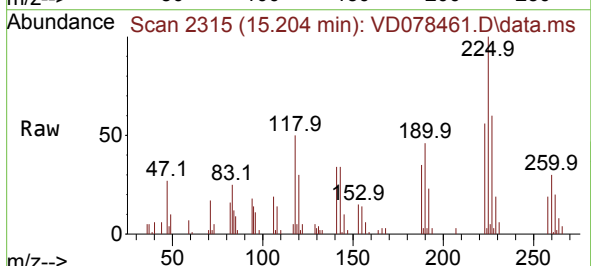
Tgt Ion:225 Resp: 21128

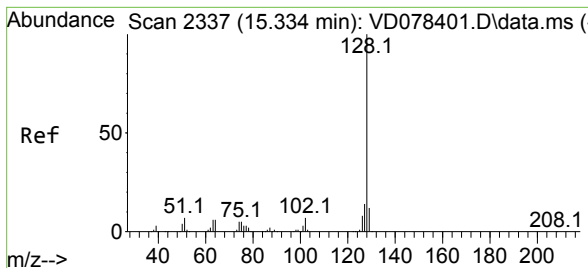
Ion Ratio Lower Upper

225 100

223 57.8 31.6 94.8

227 60.6 31.7 95.1





#95

Naphthalene

Concen: 19.592 ug/l

RT: 15.327 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

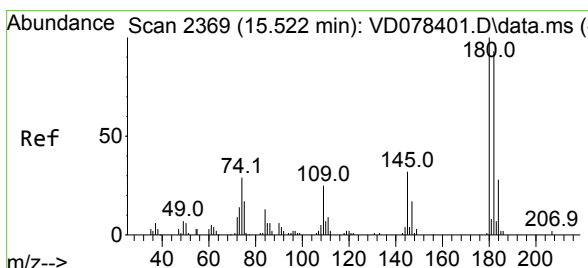
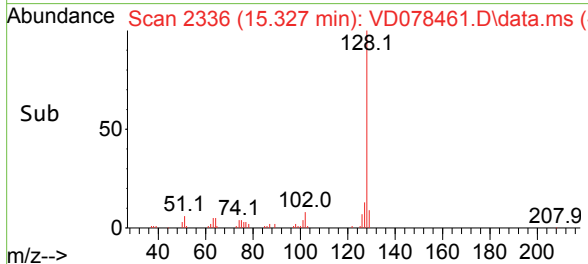
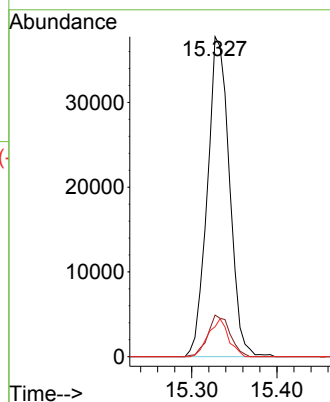
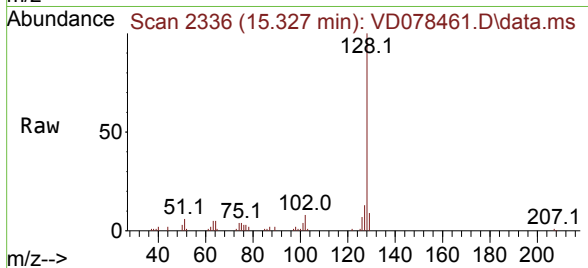
Tgt Ion:128 Resp: 68128

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 9.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.877 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078461.D

Acq: 19 Feb 2024 13:50

Tgt Ion:180 Resp: 34762

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 28.2 15.1 45.3

