

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078979.D
 Acq On : 22 May 2024 15:06
 Operator : RP/MD
 Sample : VD0522SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	116229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59638	54.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.804	113	67547	50.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.460%	
50) Toluene-d8	10.269	98	258264	51.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.569	95	74195	52.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	20186	18.587	ug/l	95
3) Chloromethane	2.146	50	38886	25.147	ug/l	96
4) Vinyl Chloride	2.275	62	61200	26.025	ug/l	98
5) Bromomethane	2.675	94	52767	23.680	ug/l	99
6) Chloroethane	2.822	64	46955	22.586	ug/l	95
7) Trichlorofluoromethane	3.164	101	39364	17.293	ug/l	92
8) Diethyl Ether	3.593	74	11116	21.040	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	22998	19.133	ug/l	99
10) Methyl Iodide	4.158	142	25727	17.915	ug/l	99
11) Tert butyl alcohol	5.063	59	6359	134.157	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	23425	19.909	ug/l	92
13) Acrolein	3.793	56	9860	90.851	ug/l	99
14) Allyl chloride	4.552	41	23657	20.605	ug/l	98
15) Acrylonitrile	5.246	53	23929	113.549	ug/l	96
16) Acetone	4.016	43	15769	90.714	ug/l	98
17) Carbon Disulfide	4.263	76	70869	19.580	ug/l	99
18) Methyl Acetate	4.558	43	5330	13.317	ug/l #	61
19) Methyl tert-butyl Ether	5.316	73	47306	20.634	ug/l	95
20) Methylene Chloride	4.793	84	38422	24.843	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	27028	20.609	ug/l	95
22) Diisopropyl ether	6.222	45	55220	21.265	ug/l #	96
23) Vinyl Acetate	6.152	43	159138	102.175	ug/l	97
24) 1,1-Dichloroethane	6.110	63	44675	21.702	ug/l	100
25) 2-Butanone	7.087	43	23986	103.168	ug/l	93
26) 2,2-Dichloropropane	7.069	77	38335	21.191	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	30922	20.080	ug/l	92
28) Bromochloromethane	7.422	49	14122	20.571	ug/l	92
29) Tetrahydrofuran	7.446	42	14593	108.518	ug/l	96
30) Chloroform	7.599	83	50192	21.527	ug/l	95
31) Cyclohexane	7.875	56	28960	18.182	ug/l #	94
32) 1,1,1-Trichloroethane	7.787	97	42754	21.412	ug/l	99
36) 1,1-Dichloropropene	8.010	75	31048	18.737	ug/l	96
37) Ethyl Acetate	7.163	43	11156	19.755	ug/l	99
38) Carbon Tetrachloride	7.993	117	37396	19.284	ug/l	92
39) Methylcyclohexane	9.275	83	32218	16.002	ug/l	97
40) Benzene	8.246	78	105712	19.724	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3316	10.913	ug/l #	38
42) 1,2-Dichloroethane	8.322	62	25458	19.624	ug/l	98
43) Isopropyl Acetate	8.357	43	21890	21.846	ug/l #	80
44) Trichloroethene	9.028	130	27235	19.158	ug/l	93
45) 1,2-Dichloropropane	9.304	63	24904	21.145	ug/l	92
46) Dibromomethane	9.393	93	14645	18.889	ug/l	97
47) Bromodichloromethane	9.581	83	35751	19.156	ug/l #	97
48) Methyl methacrylate	9.381	41	8259	16.932	ug/l #	81
49) 1,4-Dioxane	9.375	88	2825	414.218	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	54061	101.293	ug/l	96
52) Toluene	10.334	92	68881	20.078	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	30624	19.310	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	37278	19.584	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	20573	20.538	ug/l #	91
56) Ethyl methacrylate	10.598	69	20028	19.434	ug/l	98
57) 1,3-Dichloropropane	10.875	76	32341	20.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43698	98.683	ug/l	98
59) 2-Hexanone	10.922	43	37418	100.725	ug/l	97
60) Dibromochloromethane	11.069	129	27579	20.197	ug/l	96
61) 1,2-Dibromoethane	11.181	107	19191	21.012	ug/l	98
64) Tetrachloroethene	10.810	164	23031	19.450	ug/l	93
65) Chlorobenzene	11.604	112	78706	20.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	26909	20.050	ug/l	97
67) Ethyl Benzene	11.681	91	121026	19.382	ug/l	98
68) m/p-Xylenes	11.792	106	100207	39.472	ug/l	99
69) o-Xylene	12.122	106	44614	19.277	ug/l	95
70) Styrene	12.134	104	80687	19.671	ug/l	98
71) Bromoform	12.298	173	15875	20.649	ug/l #	97
73) Isopropylbenzene	12.422	105	114073	19.496	ug/l	98
74) N-amyl acetate	12.234	43	20356	21.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	22466	21.286	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	27100	39.267	ug/l #	100
77) Bromobenzene	12.698	156	30273	19.675	ug/l	96
78) n-propylbenzene	12.763	91	142147	20.100	ug/l	99
79) 2-Chlorotoluene	12.845	91	78753	20.035	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	96218	19.793	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	7895	22.685	ug/l	98
82) 4-Chlorotoluene	12.945	91	82697	20.054	ug/l	98
83) tert-Butylbenzene	13.163	119	83598	19.445	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	97992	19.461	ug/l	99
85) sec-Butylbenzene	13.345	105	129453	20.186	ug/l	100
86) p-Isopropyltoluene	13.457	119	105547	18.890	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62878	19.312	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	62122	19.482	ug/l	97
89) n-Butylbenzene	13.786	91	91284	18.232	ug/l	98
90) Hexachloroethane	14.051	117	23125	19.621	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	55463	20.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2689	19.138	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	30158	18.854	ug/l	99
94) Hexachlorobutadiene	15.198	225	15957	19.089	ug/l	94
95) Naphthalene	15.333	128	53930	19.793	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27108	19.051	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

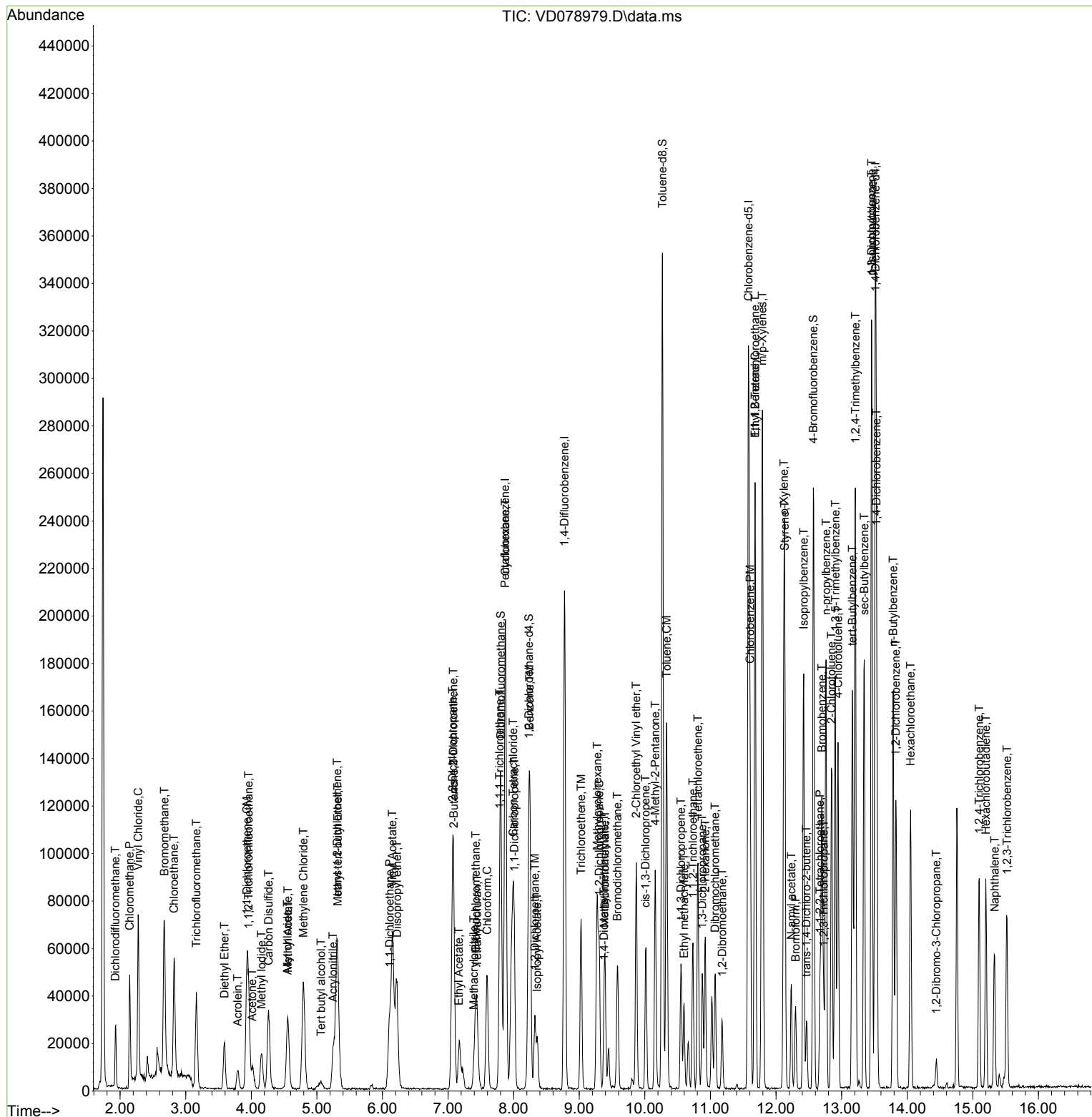
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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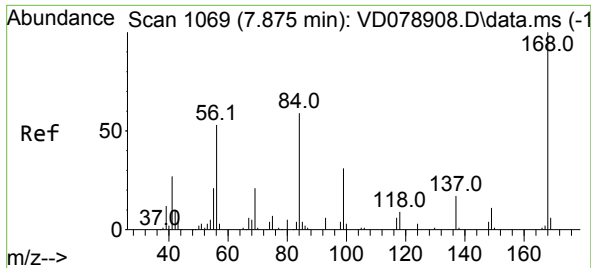
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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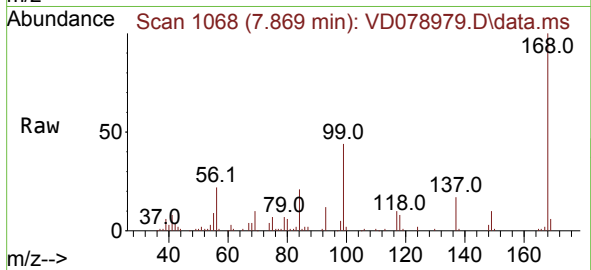
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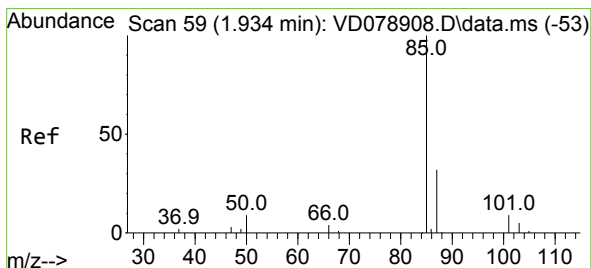
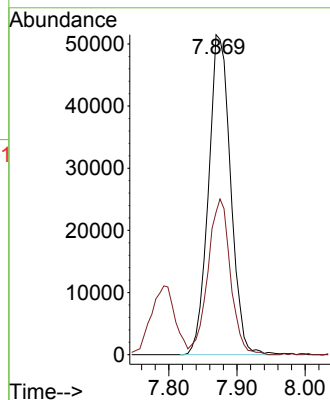
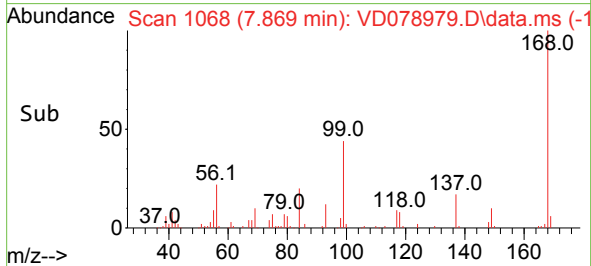


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
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ClientSampleId :

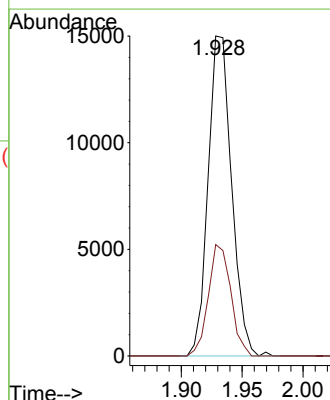
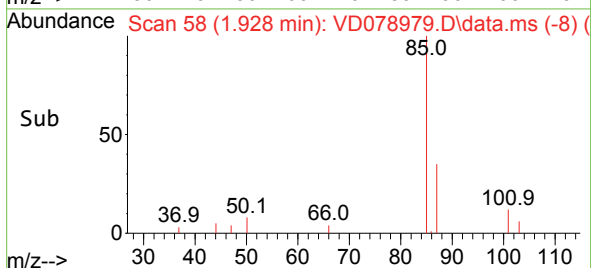
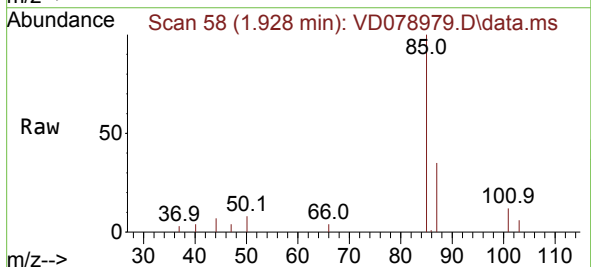


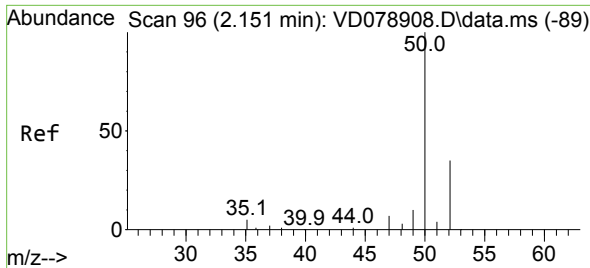
Tgt Ion:168 Resp: 116229
Ion Ratio Lower Upper
168 100
99 44.5 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 18.587 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 85 Resp: 20186
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0

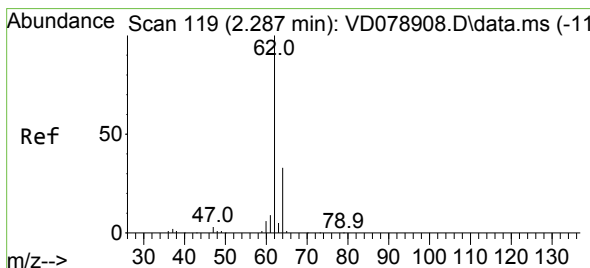
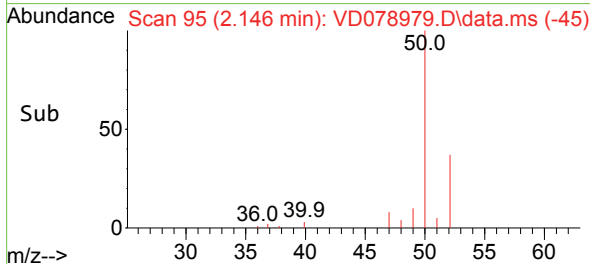
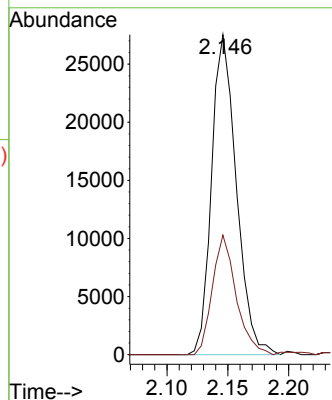
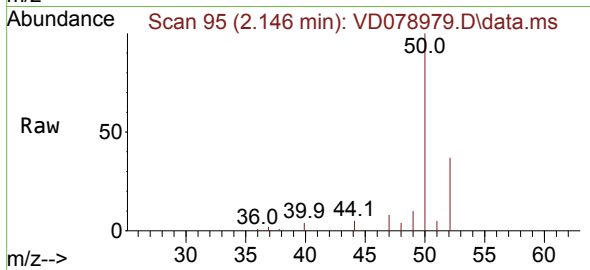




#3
Chloromethane
Concen: 25.147 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

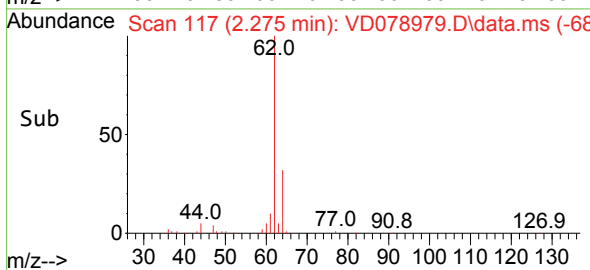
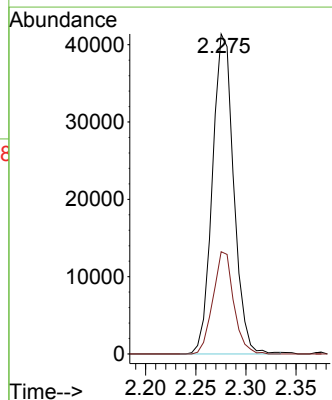
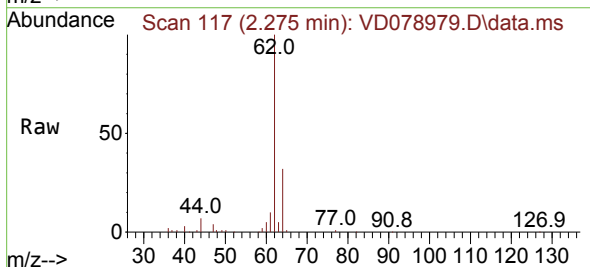
Instrument :
MSVOA_D
ClientSampleId :

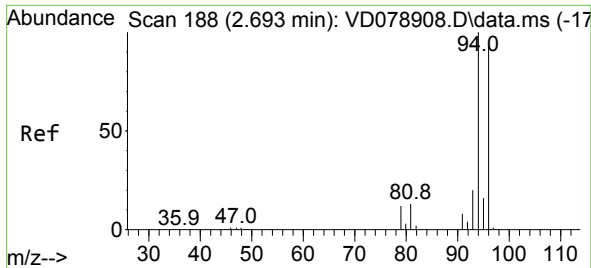
Tgt Ion: 50 Resp: 38886
Ion Ratio Lower Upper
50 100
52 37.3 28.2 42.2



#4
Vinyl Chloride
Concen: 26.025 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 62 Resp: 61200
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

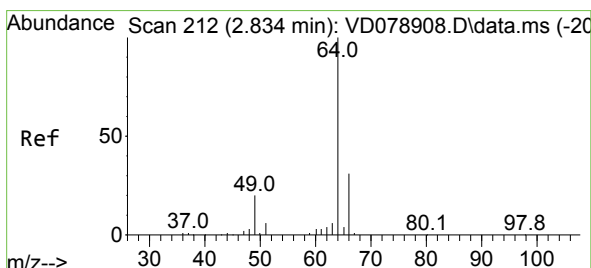
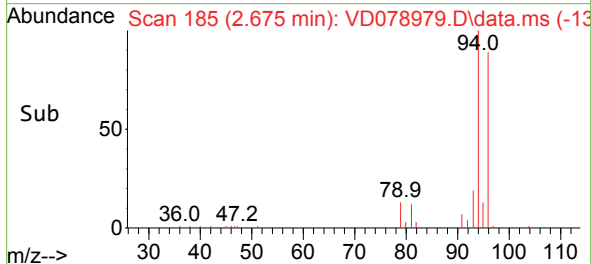
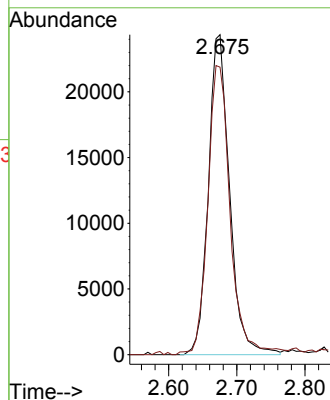
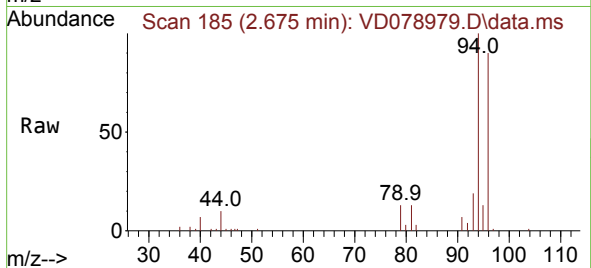




#5
Bromomethane
Concen: 23.680 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

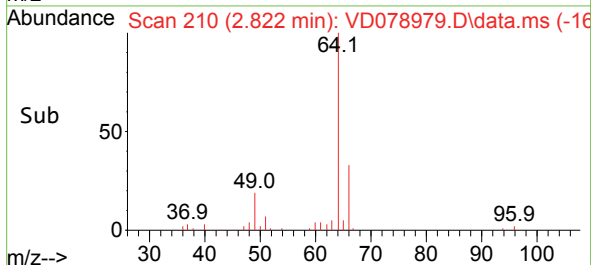
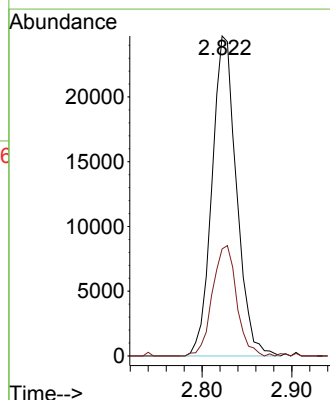
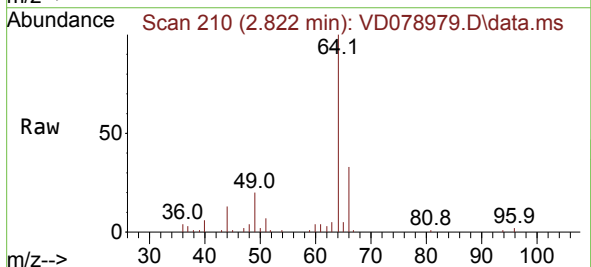
Instrument :
MSVOA_D
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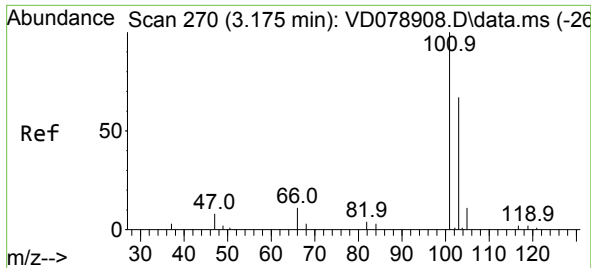
Tgt Ion: 94 Resp: 52767
Ion Ratio Lower Upper
94 100
96 95.5 76.9 115.3



#6
Chloroethane
Concen: 22.586 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 64 Resp: 46955
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

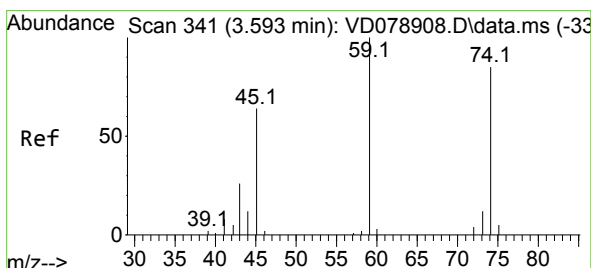
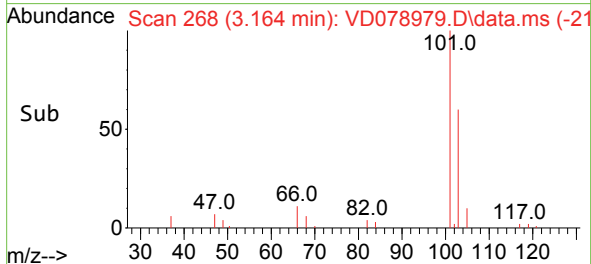
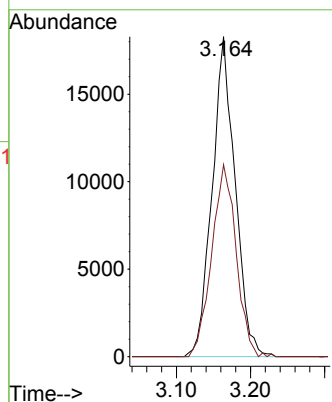
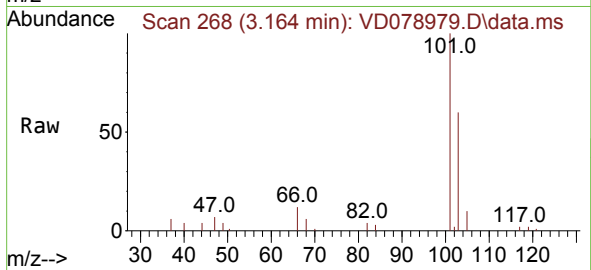




#7
Trichlorofluoromethane
Concen: 17.293 ug/l
RT: 3.164 min Scan# 2
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

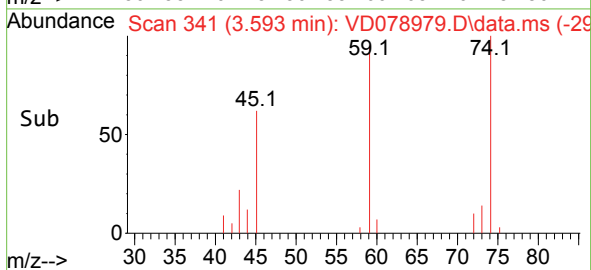
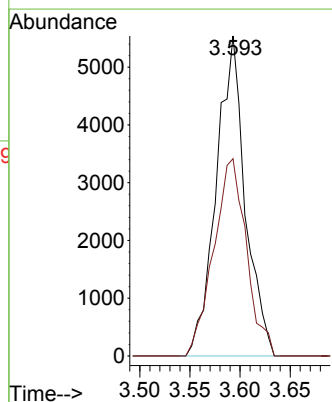
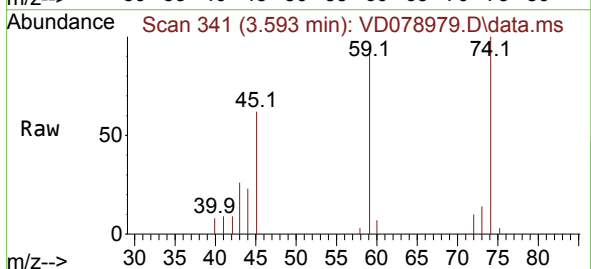
Instrument :
MSVOA_D
ClientSampleId :

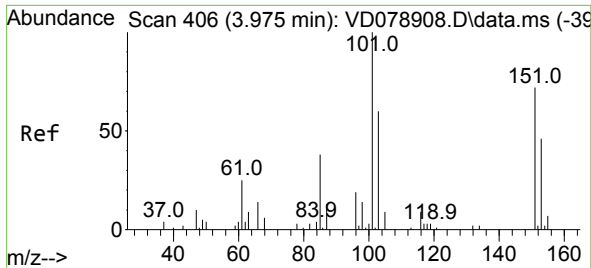
Tgt Ion:101 Resp: 39364
Ion Ratio Lower Upper
101 100
103 60.0 53.2 79.8



#8
Diethyl Ether
Concen: 21.040 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 74 Resp: 11116
Ion Ratio Lower Upper
74 100
45 69.9 37.9 113.6

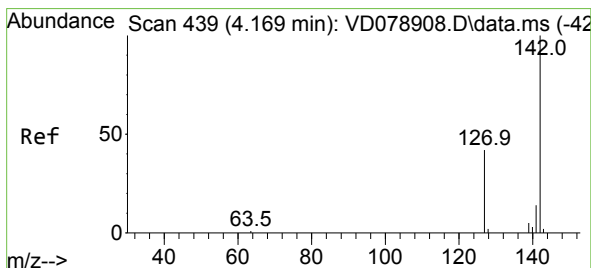
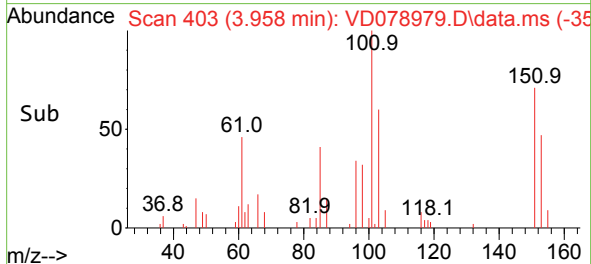
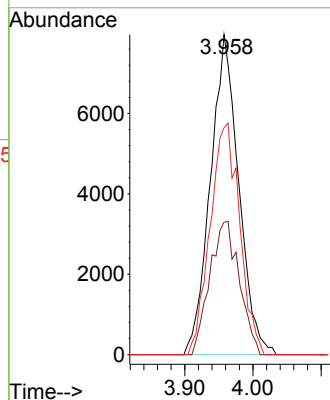
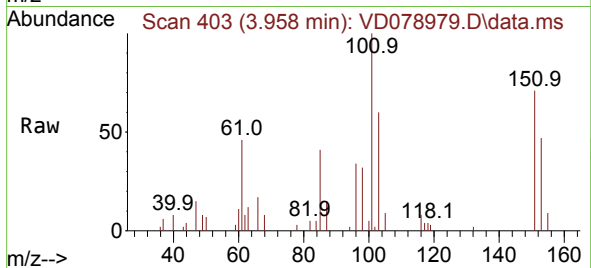




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.133 ug/l
RT: 3.958 min Scan# 406
Delta R.T. -0.017 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

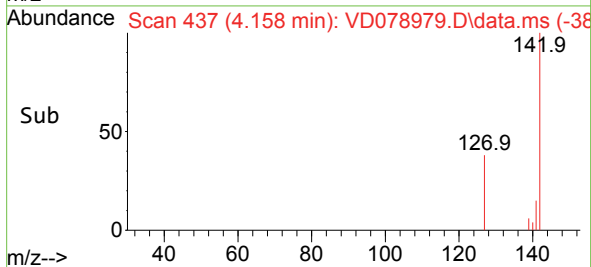
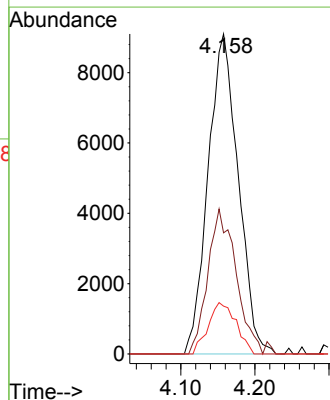
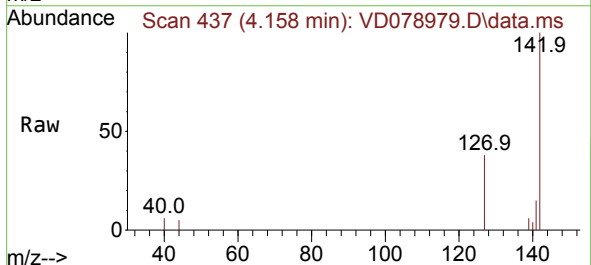
Instrument :
MSVOA_D
ClientSampleId :

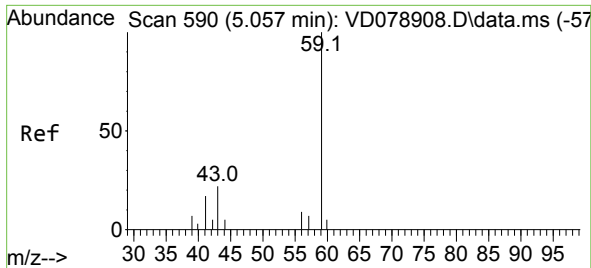
Tgt Ion:101 Resp: 22998
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 75.3 60.3 90.5



#10
Methyl Iodide
Concen: 17.915 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion:142 Resp: 25727
Ion Ratio Lower Upper
142 100
127 42.5 34.2 51.4
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 134.157 ug/l

RT: 5.063 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

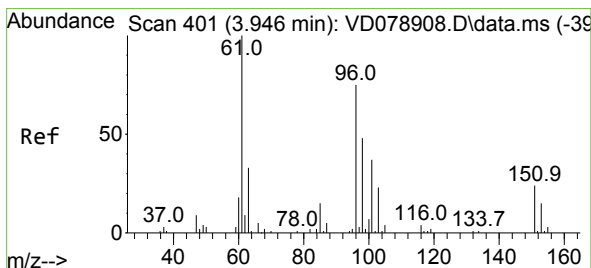
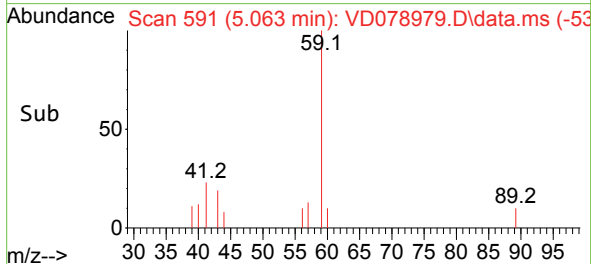
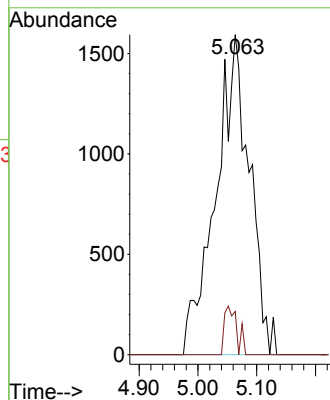
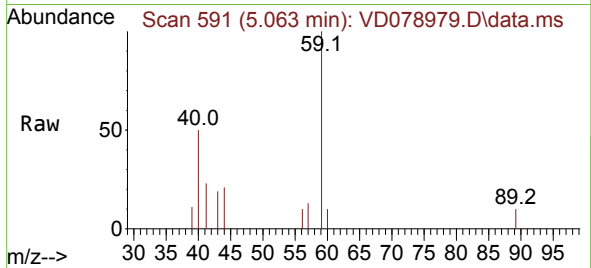
ClientSampleId :

Tgt Ion: 59 Resp: 6359

Ion Ratio Lower Upper

59 100

57 5.6 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 19.909 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.011 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

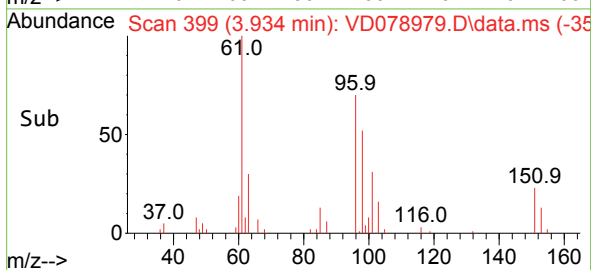
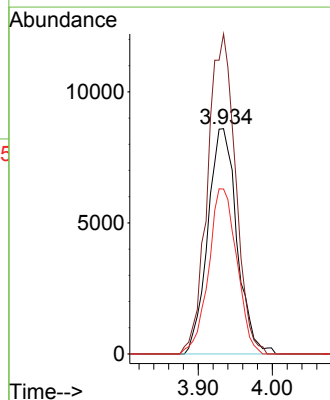
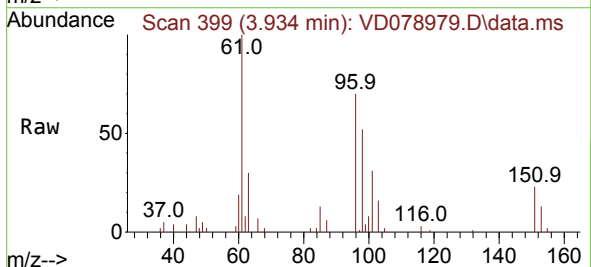
Tgt Ion: 96 Resp: 23425

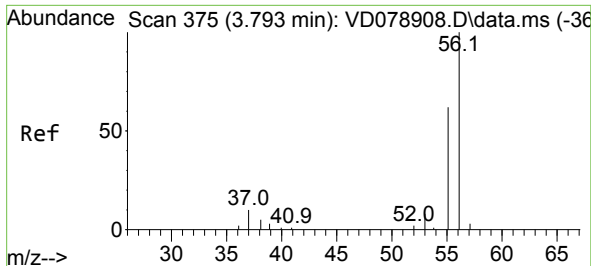
Ion Ratio Lower Upper

96 100

61 142.1 107.3 160.9

98 73.2 51.7 77.5





#13

Acrolein

Concen: 90.851 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

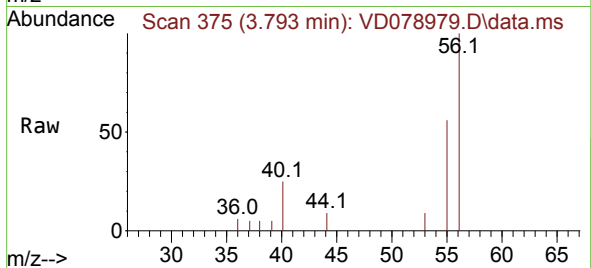
Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

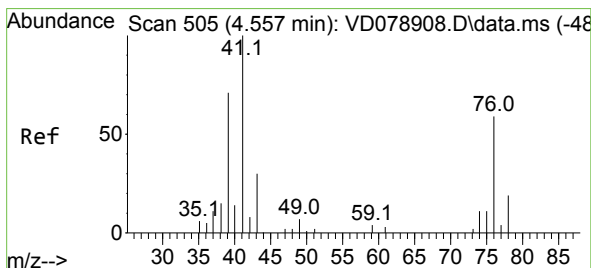
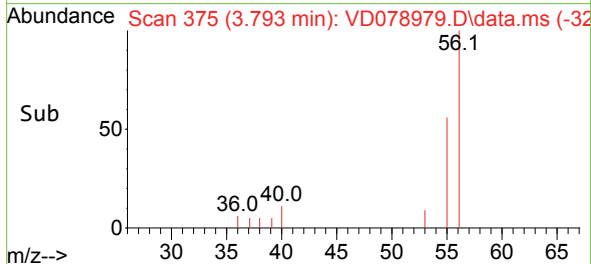
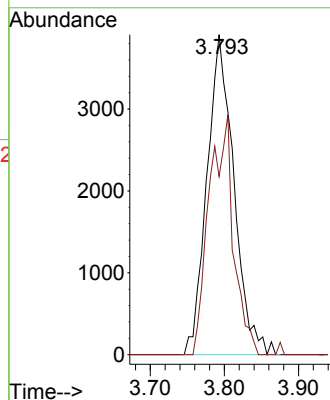


Tgt Ion: 56 Resp: 9860

Ion Ratio Lower Upper

56 100

55 68.0 55.3 82.9



#14

Allyl chloride

Concen: 20.605 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

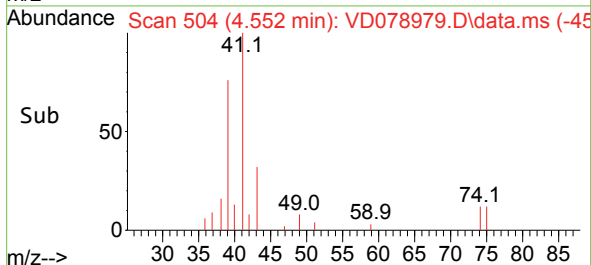
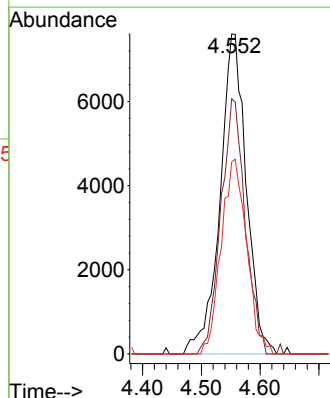
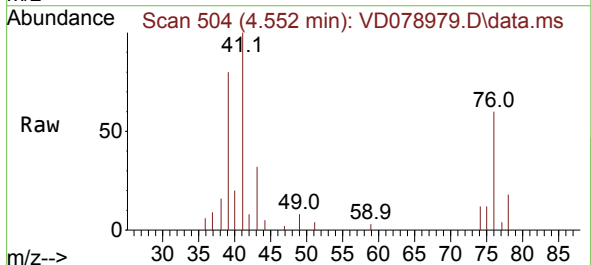
Tgt Ion: 41 Resp: 23657

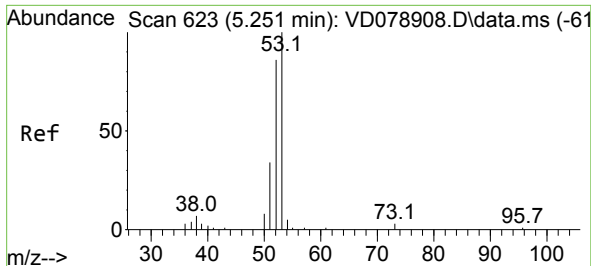
Ion Ratio Lower Upper

41 100

39 73.4 58.0 87.0

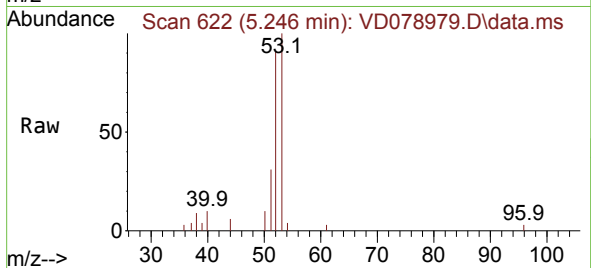
76 59.0 45.9 68.9



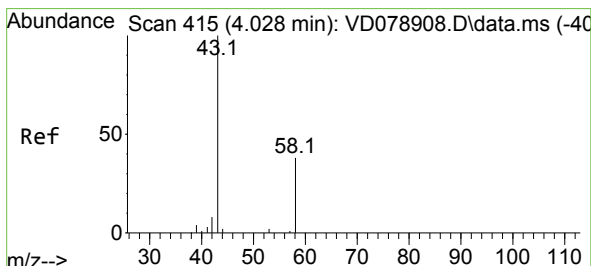
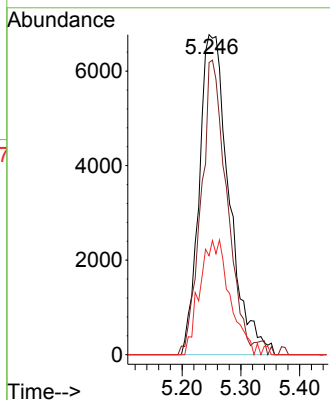
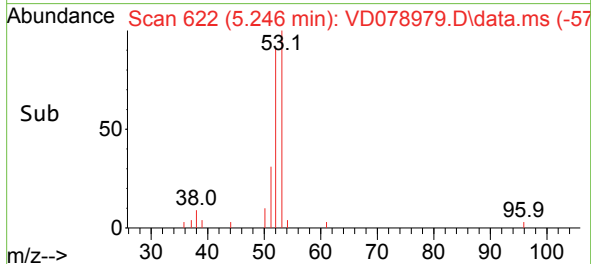


#15
Acrylonitrile
Concen: 113.549 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

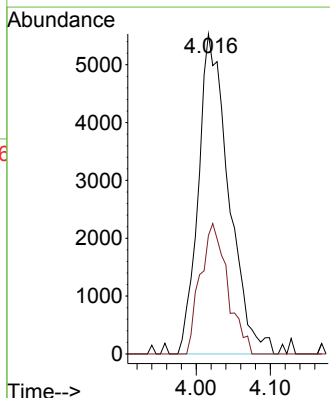
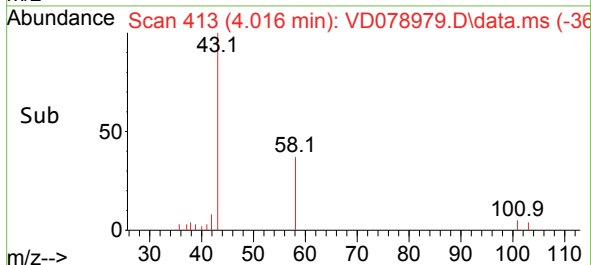
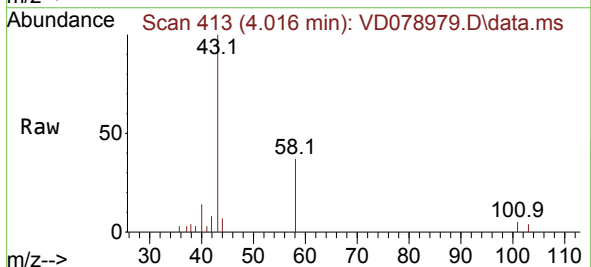


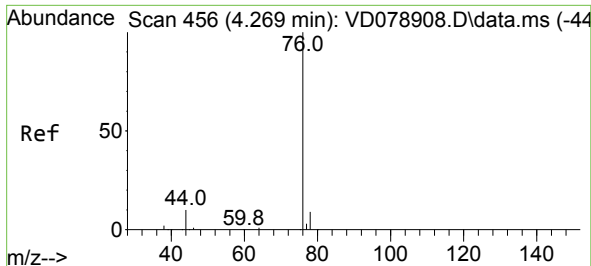
Tgt Ion: 53 Resp: 23929
Ion Ratio Lower Upper
53 100
52 79.0 67.7 101.5
51 35.8 28.6 42.8



#16
Acetone
Concen: 90.714 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 43 Resp: 15769
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6

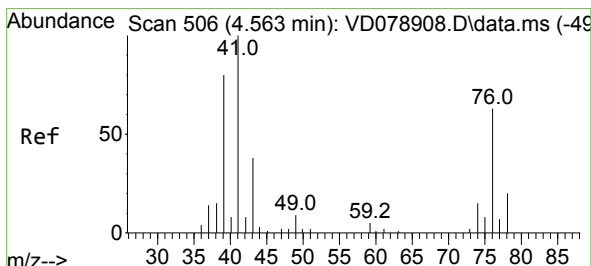
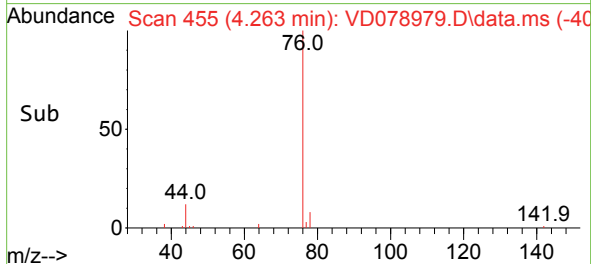
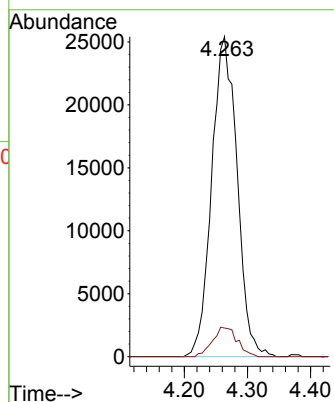
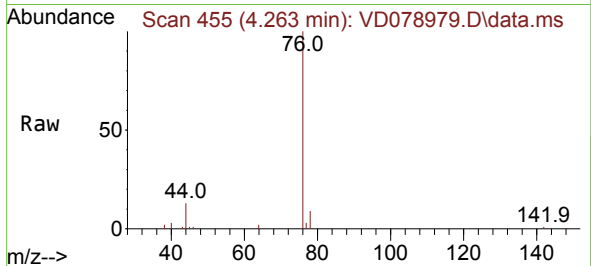




#17
Carbon Disulfide
Concen: 19.580 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

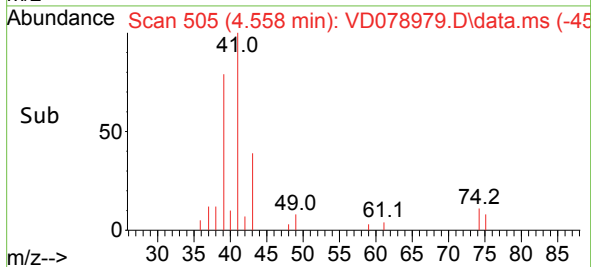
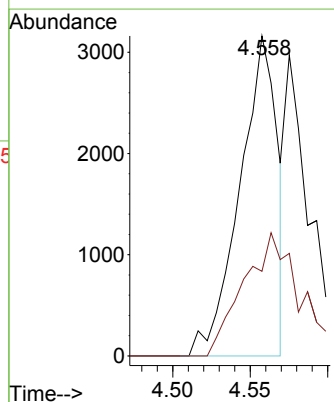
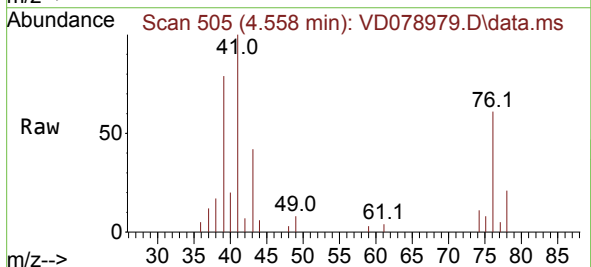
Instrument :
MSVOA_D
ClientSampleId :

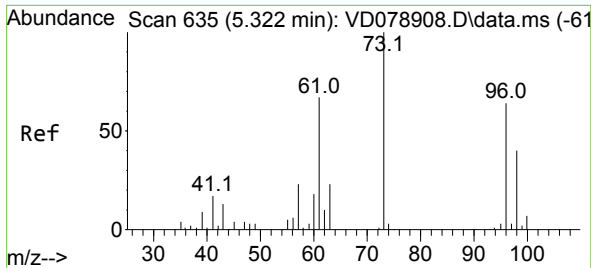
Tgt Ion: 76 Resp: 70869
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 13.317 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 43 Resp: 5330
Ion Ratio Lower Upper
43 100
74 58.0 28.1 42.1#

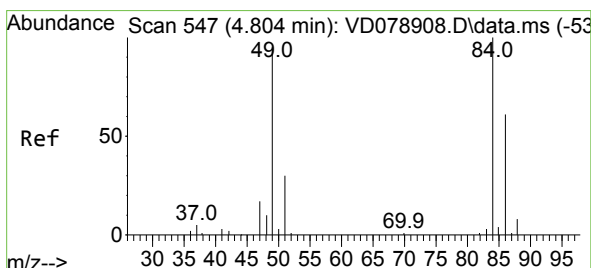
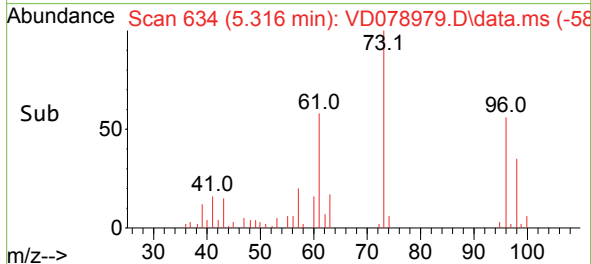
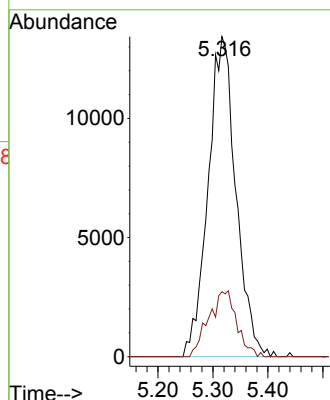
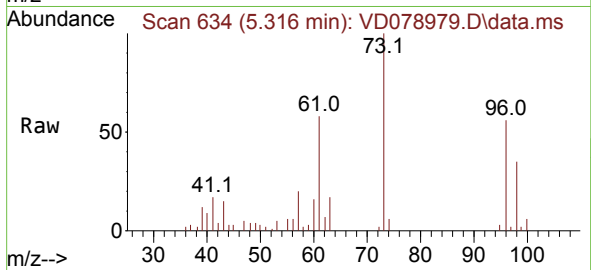




#19
Methyl tert-butyl Ether
Concen: 20.634 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

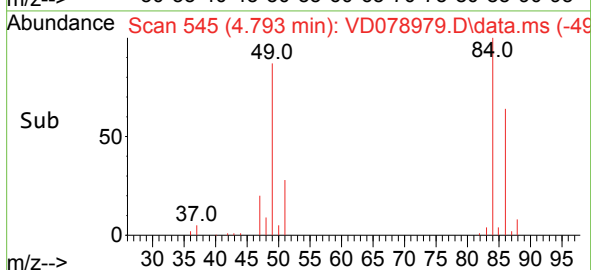
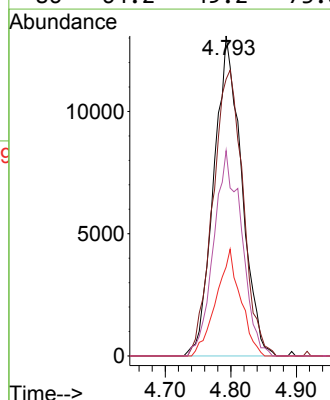
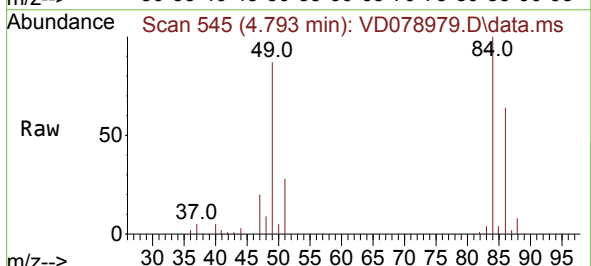
Instrument :
MSVOA_D
ClientSampleId :

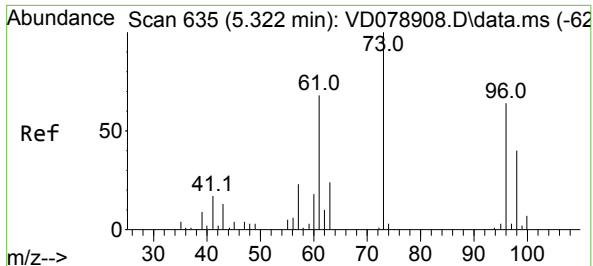
Tgt Ion: 73 Resp: 47306
Ion Ratio Lower Upper
73 100
57 20.3 18.3 27.5



#20
Methylene Chloride
Concen: 24.843 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

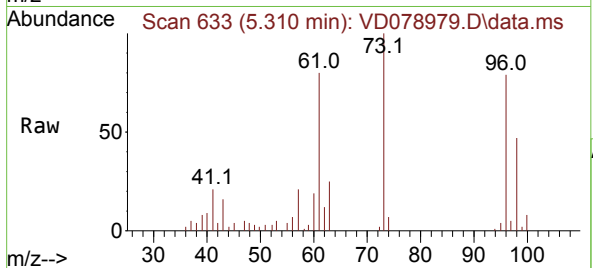
Tgt Ion: 84 Resp: 38422
Ion Ratio Lower Upper
84 100
49 86.5 75.6 113.4
51 27.8 24.2 36.2
86 64.2 49.2 73.8



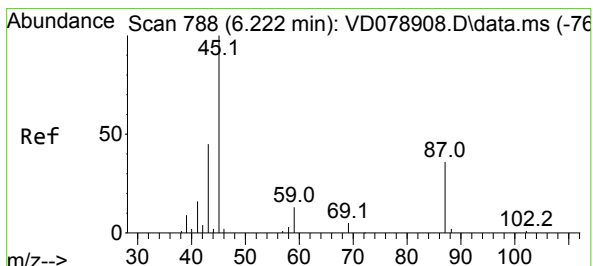
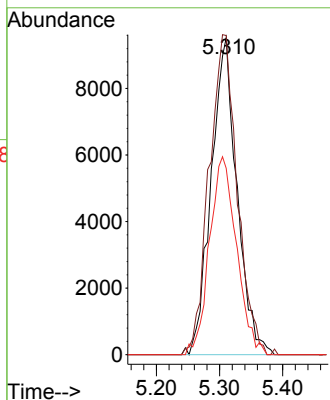
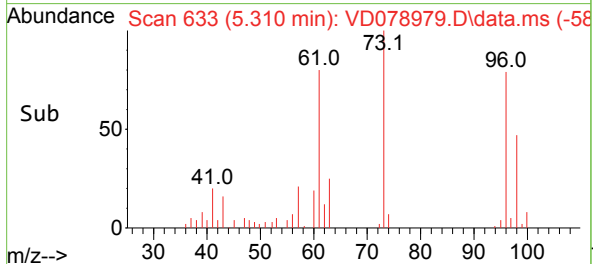


#21
trans-1,2-Dichloroethene
Concen: 20.609 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

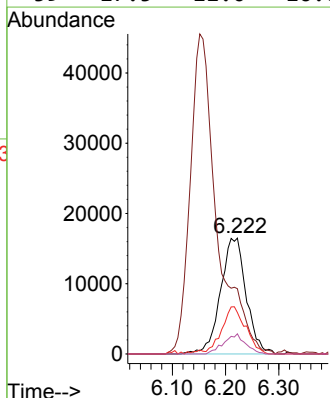
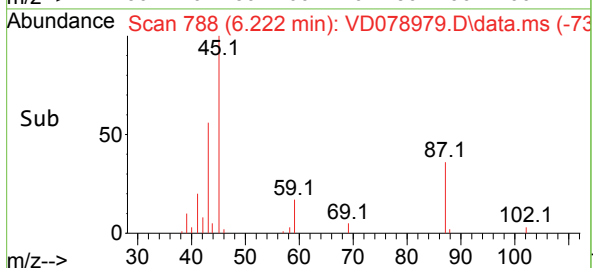
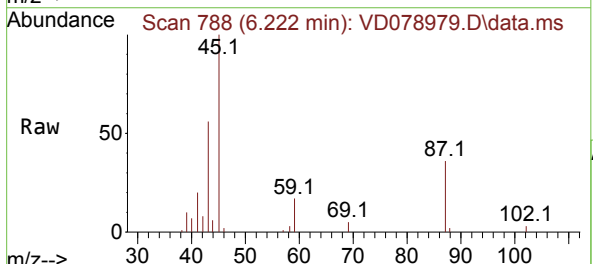


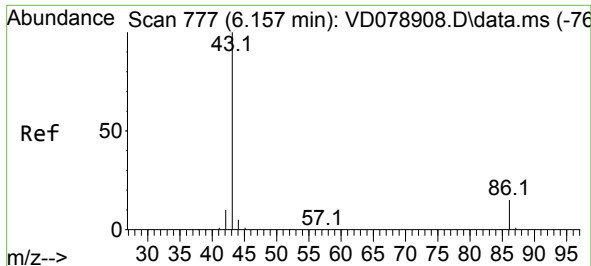
Tgt Ion: 96 Resp: 27028
Ion Ratio Lower Upper
96 100
61 100.8 84.5 126.7
98 58.8 50.5 75.7



#22
Diisopropyl ether
Concen: 21.265 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 45 Resp: 55220
Ion Ratio Lower Upper
45 100
43 54.7 41.7 62.5
87 35.8 30.2 45.2
59 17.5 11.0 16.6#

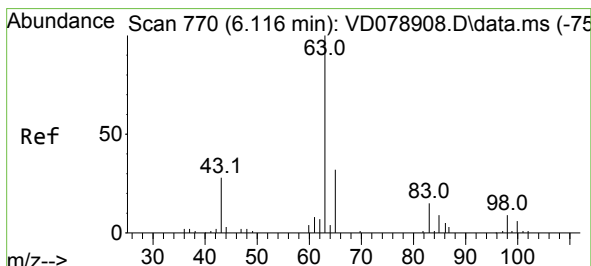
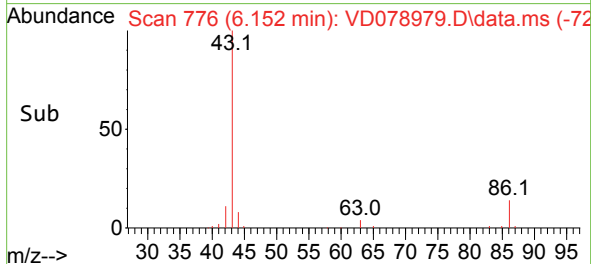
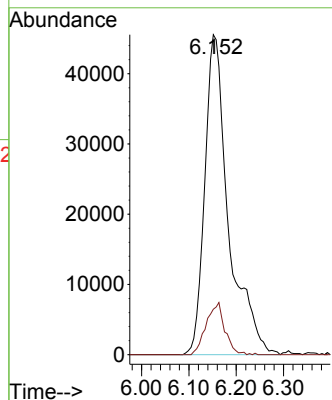
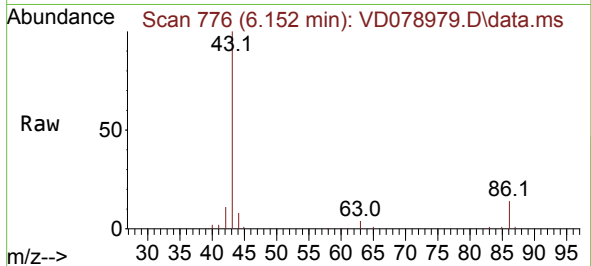




#23
 Vinyl Acetate
 Concen: 102.175 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

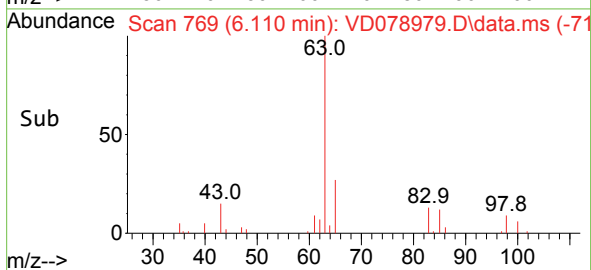
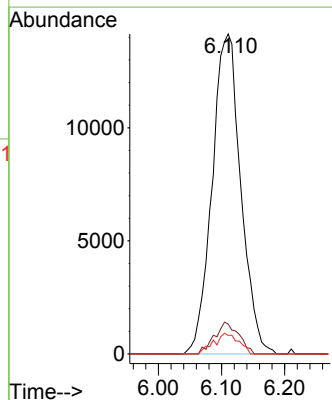
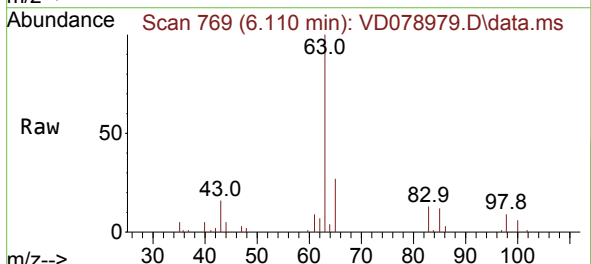
Instrument :
 MSVOA_D
 ClientSampleId :

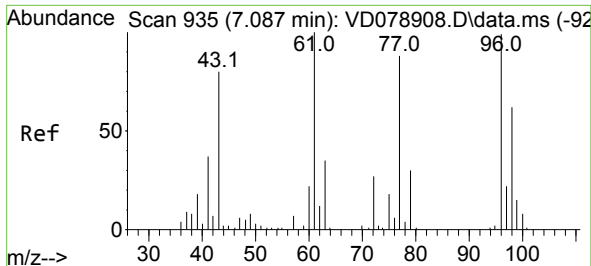
Tgt Ion: 43 Resp: 159138
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 21.702 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

Tgt Ion: 63 Resp: 44675
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.7 14.0
 100 5.8 2.9 8.6

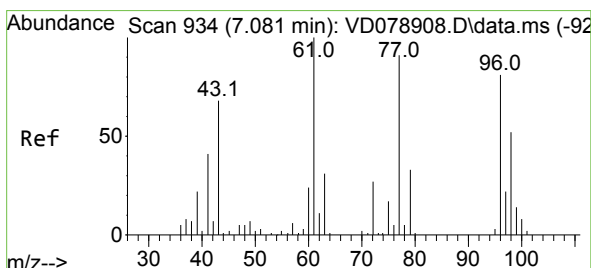
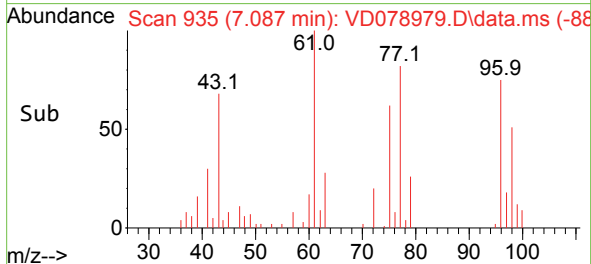
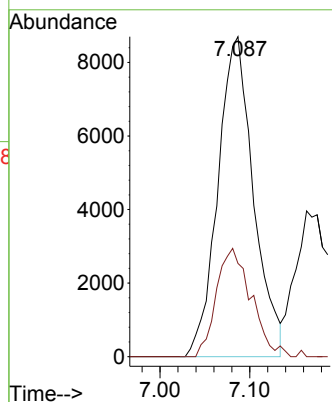
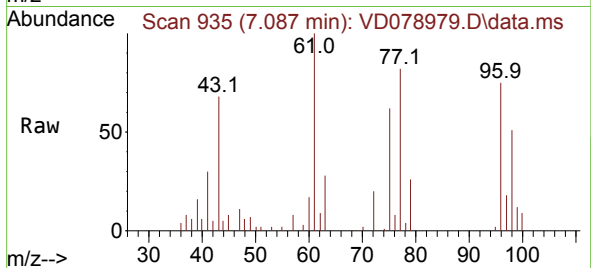




#25
2-Butanone
Concen: 103.168 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

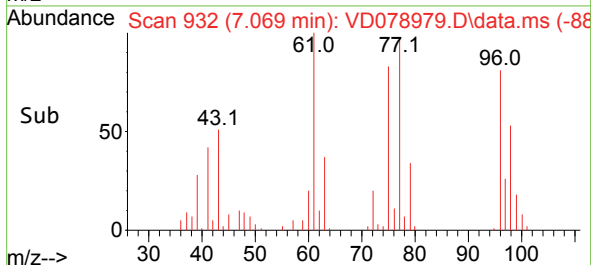
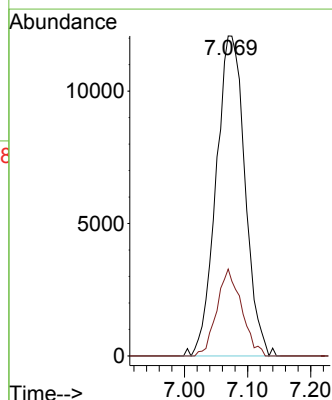
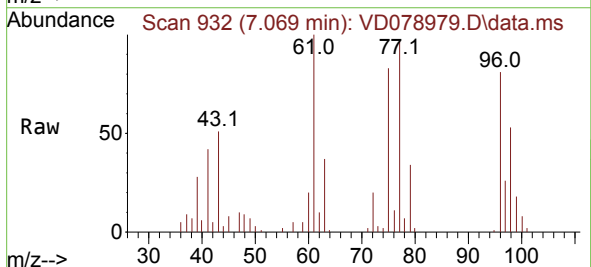
Instrument :
MSVOA_D
ClientSampleId :

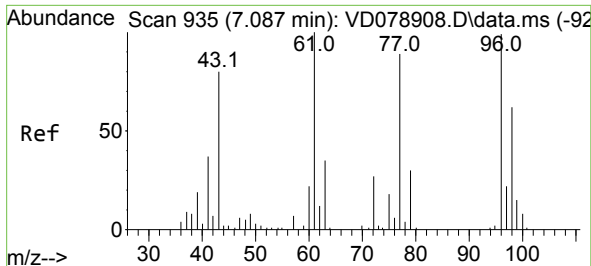
Tgt Ion: 43 Resp: 23986
Ion Ratio Lower Upper
43 100
72 29.1 26.4 39.6



#26
2,2-Dichloropropane
Concen: 21.191 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 77 Resp: 38335
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.080 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

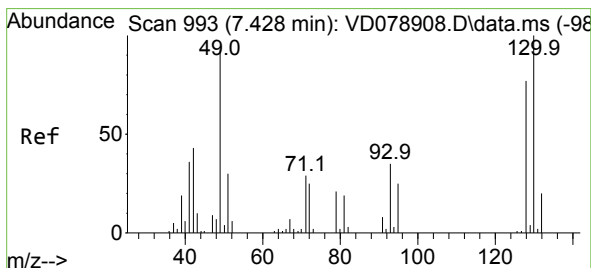
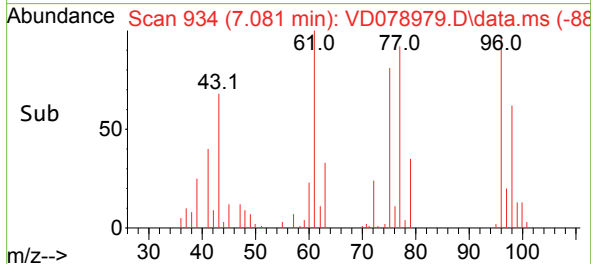
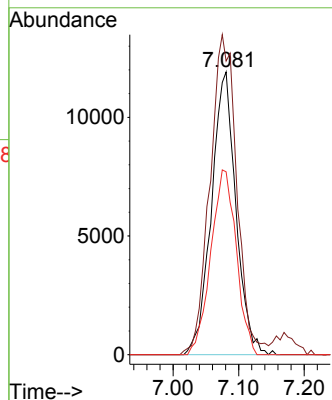
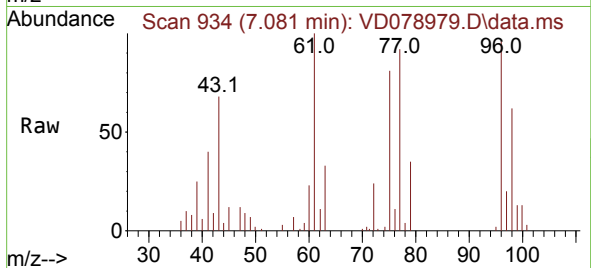
Tgt Ion: 96 Resp: 30922

Ion Ratio Lower Upper

96 100

61 124.1 0.0 229.0

98 67.7 0.0 127.2



#28

Bromochloromethane

Concen: 20.571 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

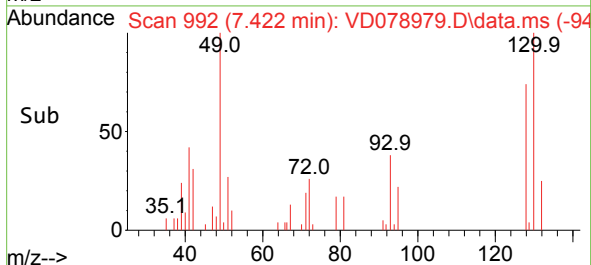
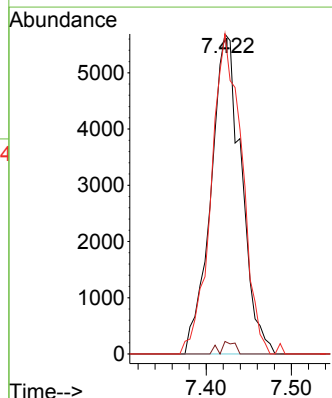
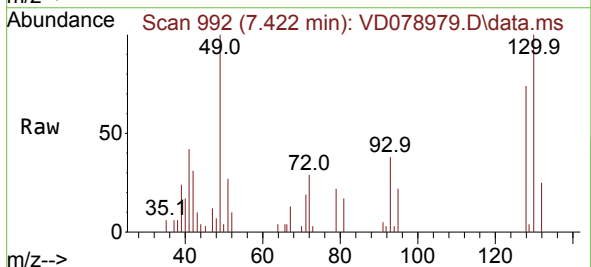
Tgt Ion: 49 Resp: 14122

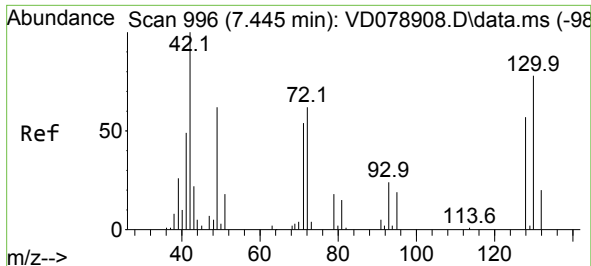
Ion Ratio Lower Upper

49 100

129 1.9 0.0 7.0

130 101.2 87.7 131.5





#29

Tetrahydrofuran

Concen: 108.518 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

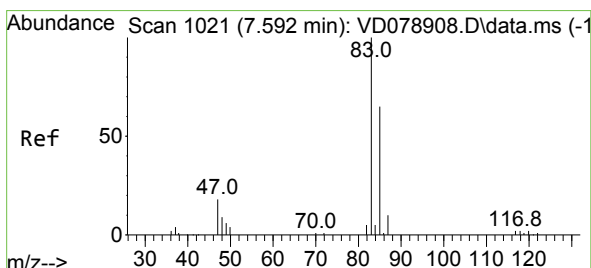
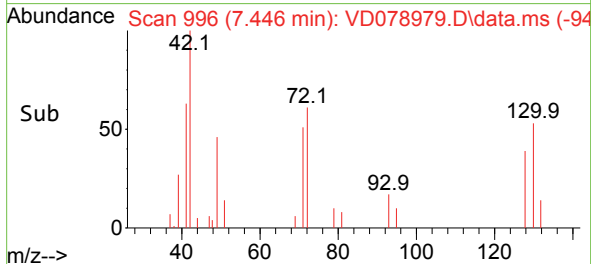
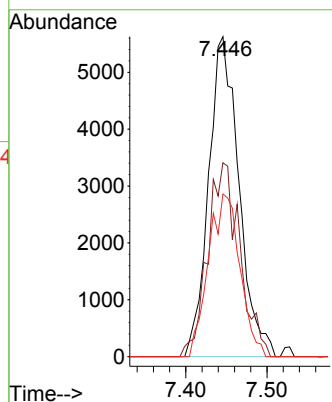
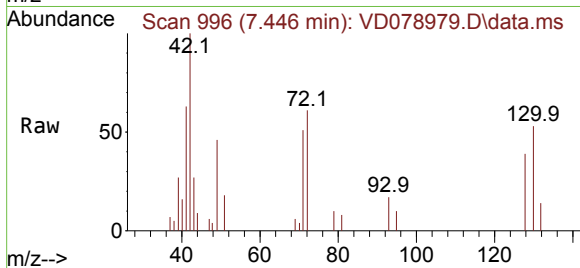
Tgt Ion: 42 Resp: 14593

Ion Ratio Lower Upper

42 100

72 64.3 49.4 74.0

71 52.9 45.0 67.6



#30

Chloroform

Concen: 21.527 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078979.D

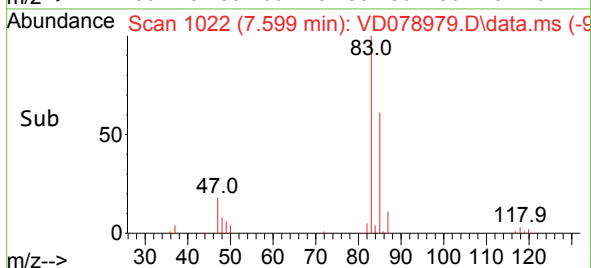
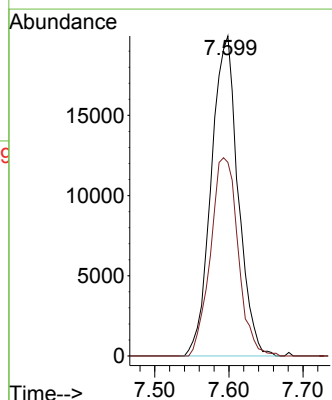
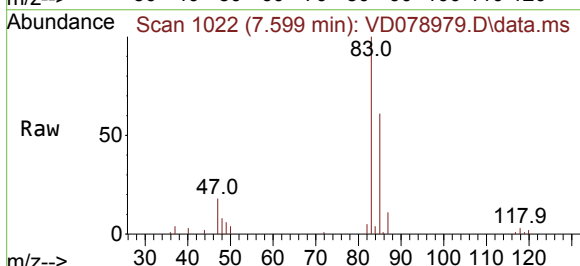
Acq: 22 May 2024 15:06

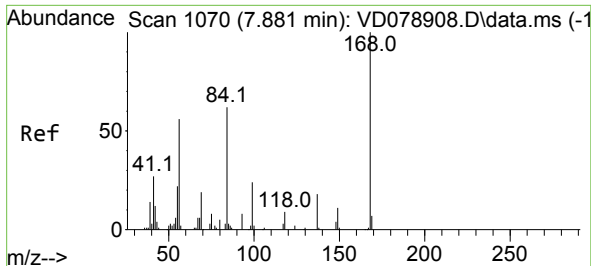
Tgt Ion: 83 Resp: 50192

Ion Ratio Lower Upper

83 100

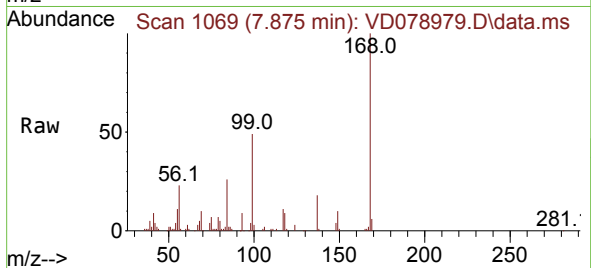
85 60.5 51.8 77.6



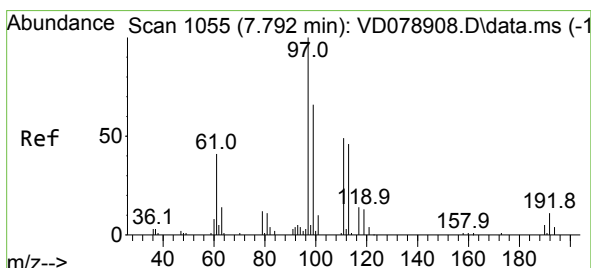
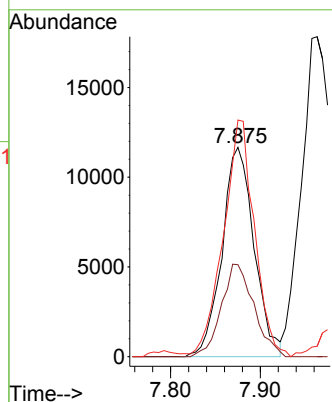
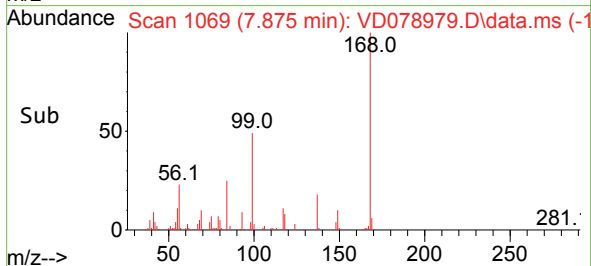


#31
Cyclohexane
Concen: 18.182 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

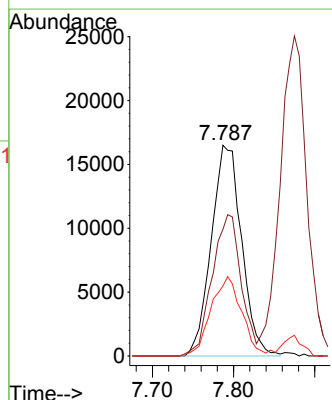
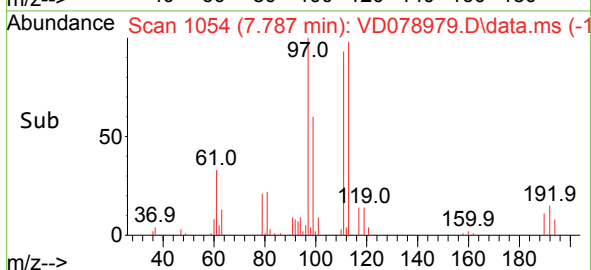
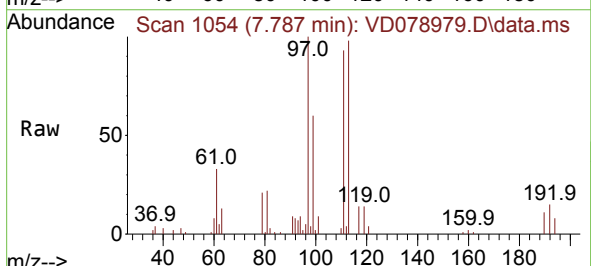


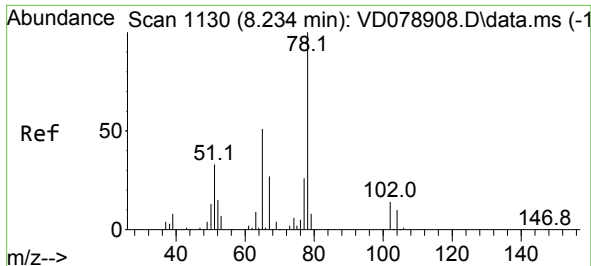
Tgt Ion: 56 Resp: 28960
Ion Ratio Lower Upper
56 100
69 44.0 28.0 42.0#
84 111.7 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 21.412 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 97 Resp: 42754
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 38.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.702 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

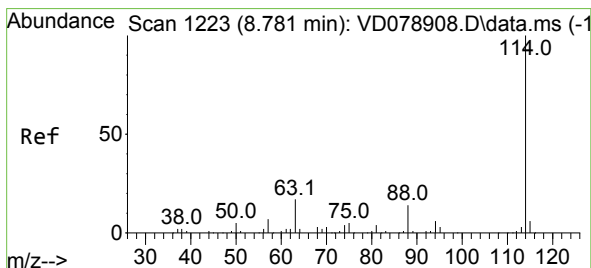
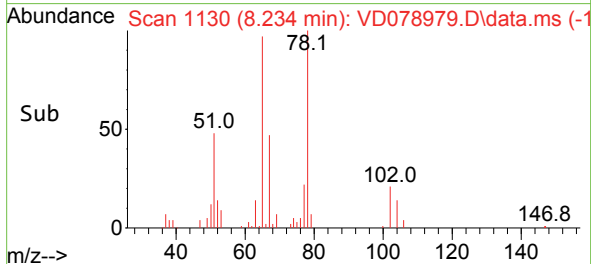
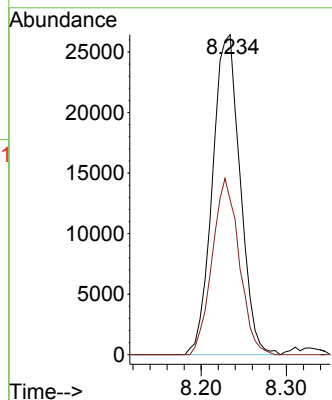
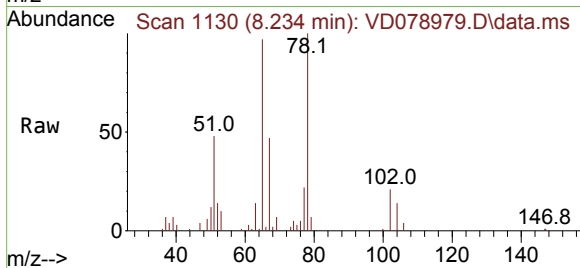
ClientSampleId :

Tgt Ion: 65 Resp: 59638

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

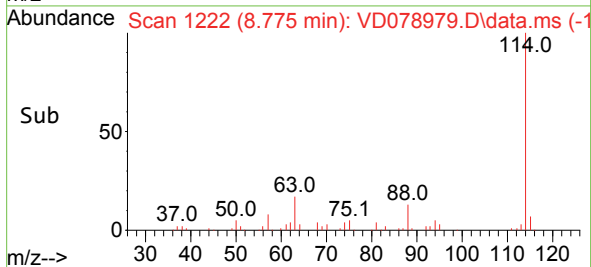
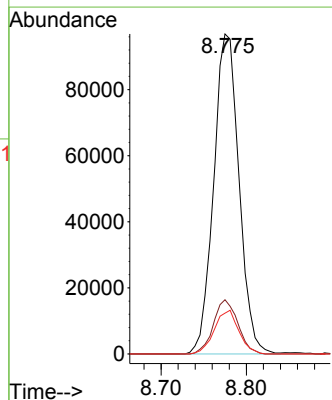
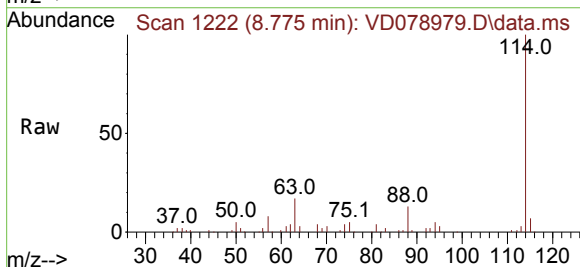
Tgt Ion: 114 Resp: 200040

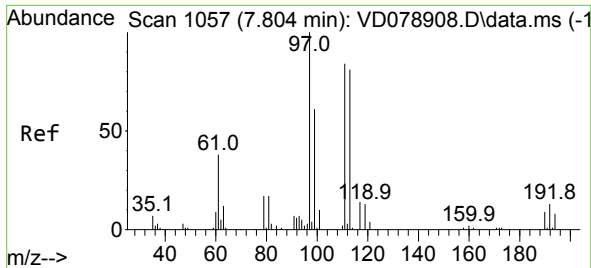
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

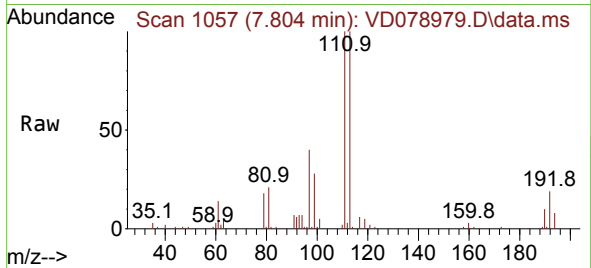
88 12.8 0.0 27.2



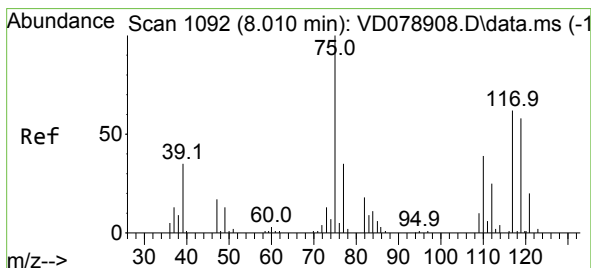
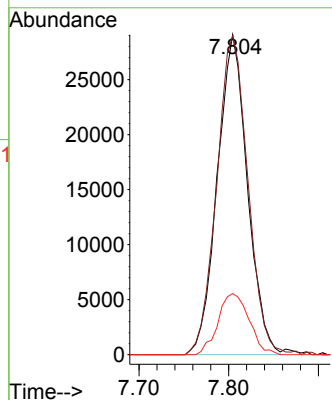
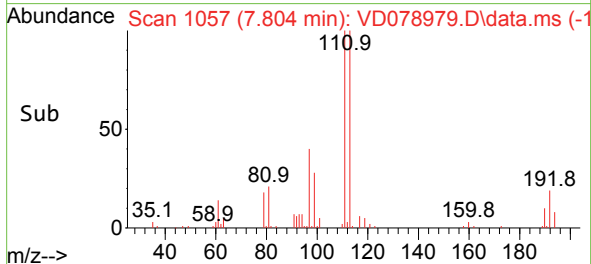


#35
Dibromofluoromethane
Concen: 50.726 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

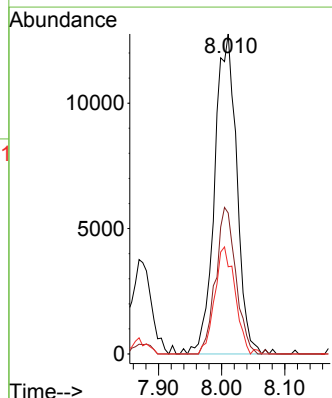
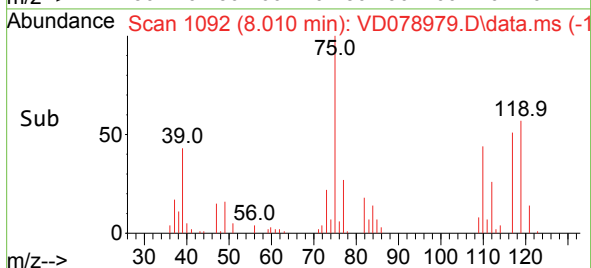
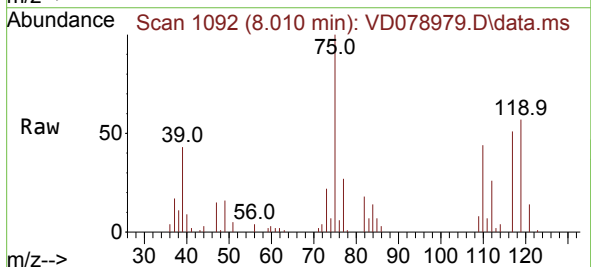


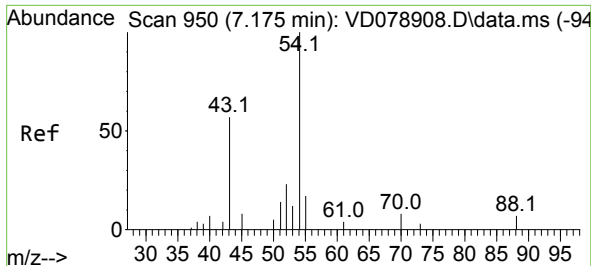
Tgt Ion:113 Resp: 67547
Ion Ratio Lower Upper
113 100
111 103.4 84.0 126.0
192 19.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.737 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
110 41.7 19.6 58.7
77 30.9 26.1 39.1





#37

Ethyl Acetate

Concen: 19.755 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.011 min

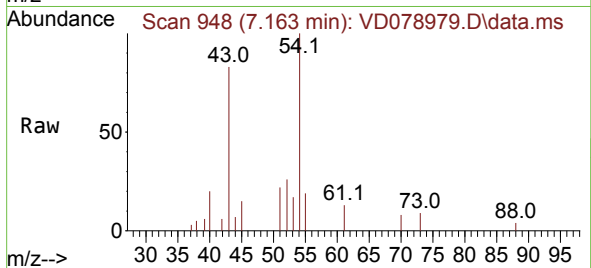
Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :



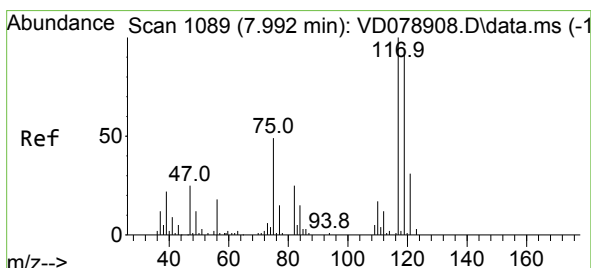
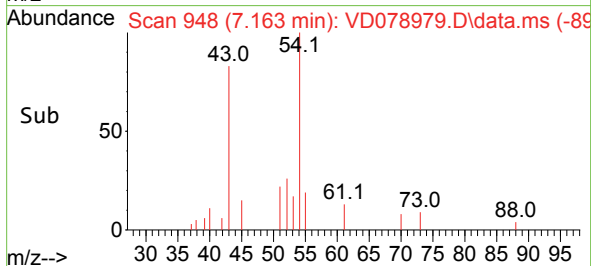
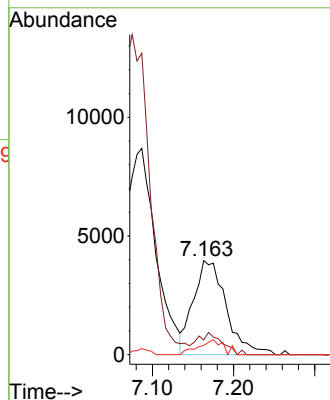
Tgt Ion: 43 Resp: 11156

Ion Ratio Lower Upper

43 100

61 17.7 13.9 20.9

70 12.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 19.284 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

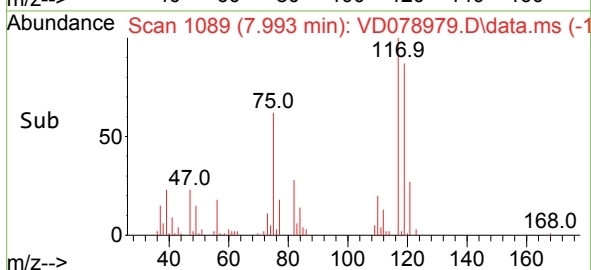
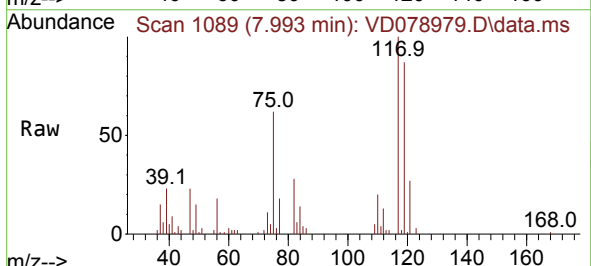
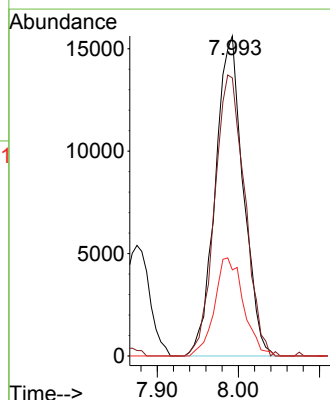
Tgt Ion:117 Resp: 37396

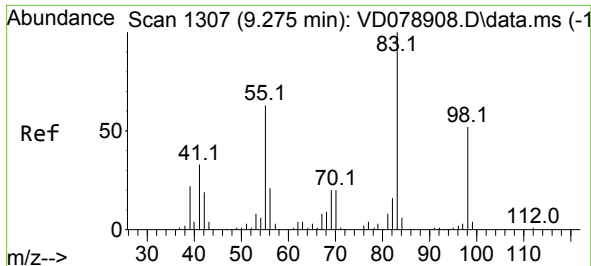
Ion Ratio Lower Upper

117 100

119 86.9 75.4 113.0

121 26.9 25.0 37.4

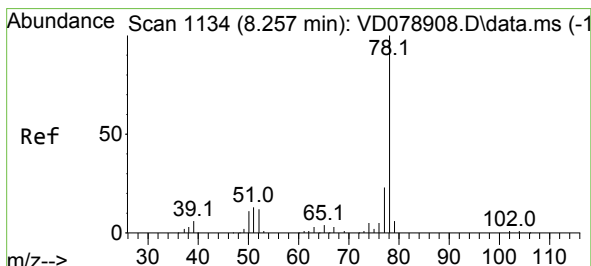
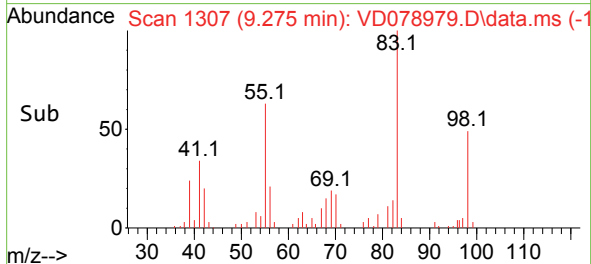
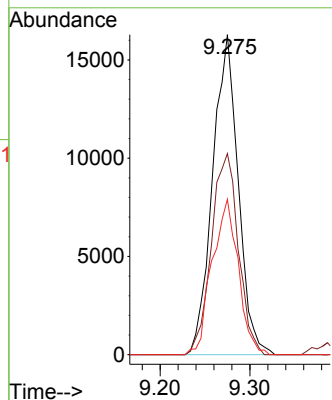
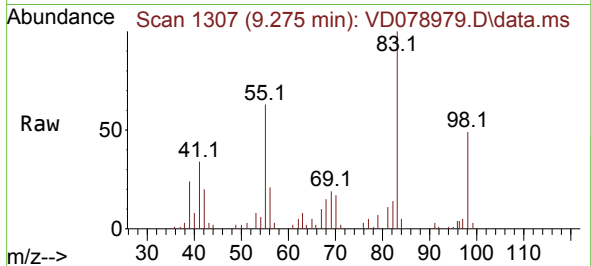




#39
Methylcyclohexane
Concen: 16.002 ug/l
RT: 9.275 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

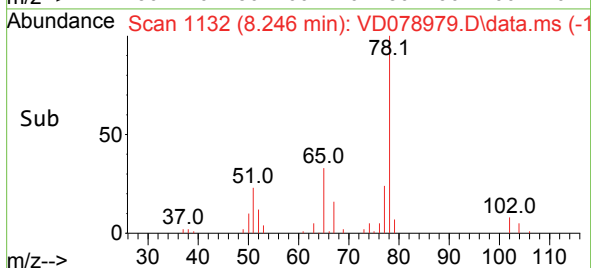
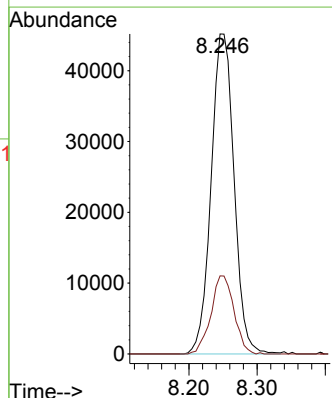
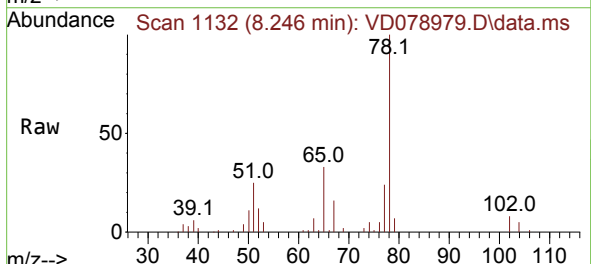
Instrument :
MSVOA_D
ClientSampleId :

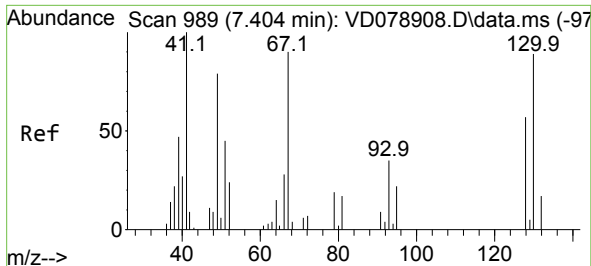
Tgt Ion: 83 Resp: 32218
Ion Ratio Lower Upper
83 100
55 62.8 50.1 75.1
98 48.6 41.9 62.9



#40
Benzene
Concen: 19.724 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

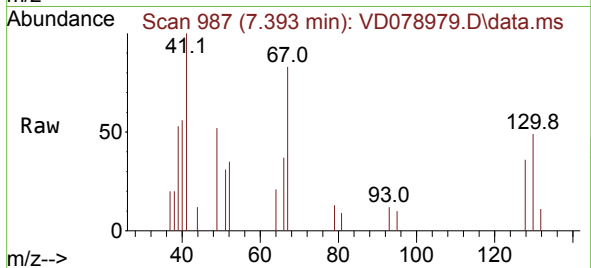
Tgt Ion: 78 Resp: 105712
Ion Ratio Lower Upper
78 100
77 24.4 18.1 27.1



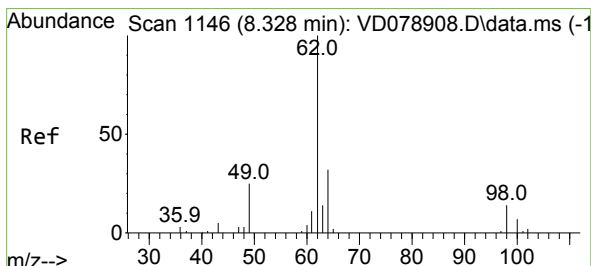
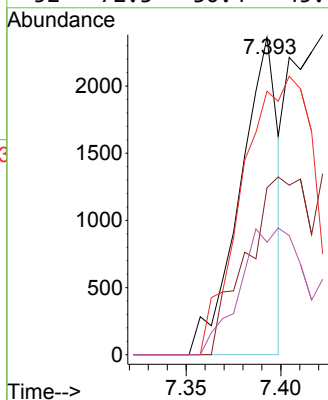
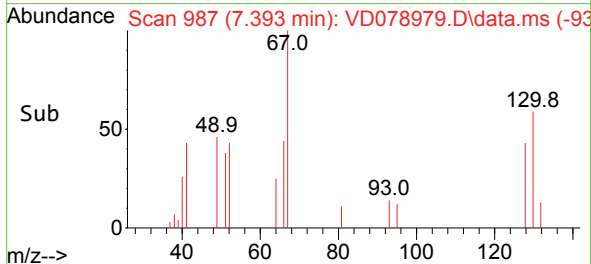


#41
Methacrylonitrile
Concen: 10.913 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

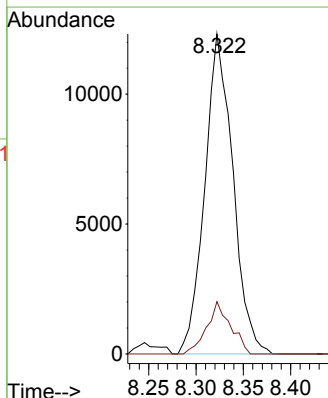
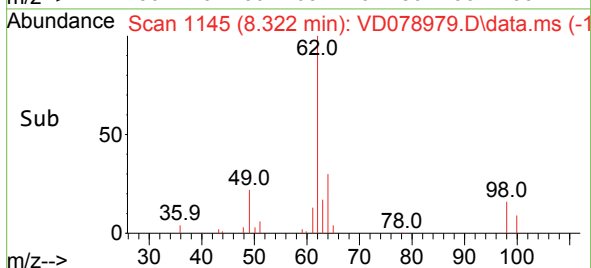
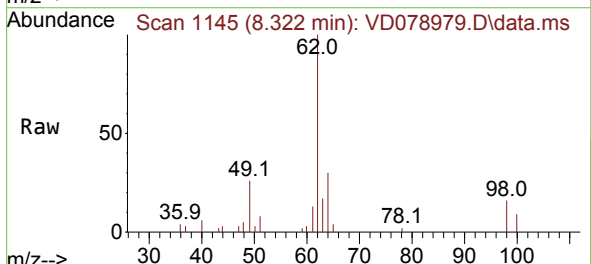


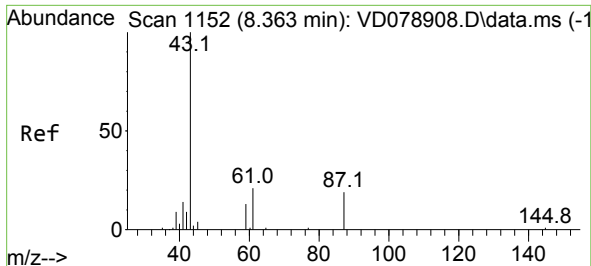
Tgt Ion: 41 Resp: 3316
Ion Ratio Lower Upper
41 100
39 89.9 41.4 62.0#
67 176.6 85.8 128.6#
52 72.3 30.4 45.6#



#42
1,2-Dichloroethane
Concen: 19.624 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

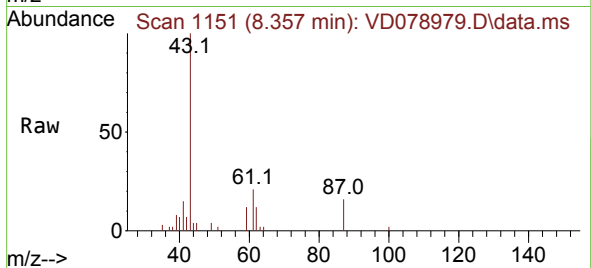
Tgt Ion: 62 Resp: 25458
Ion Ratio Lower Upper
62 100
98 13.8 0.0 25.8



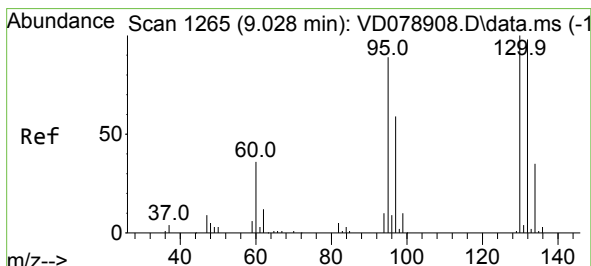
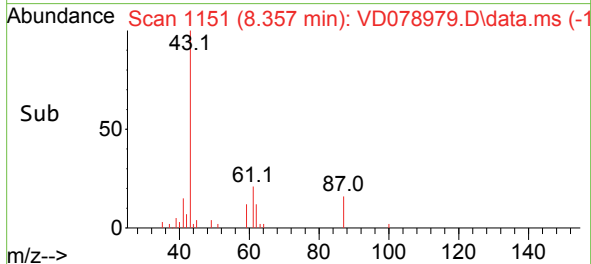
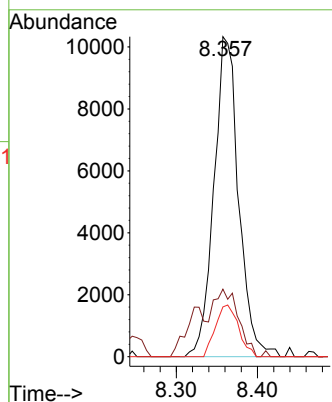


#43
Isopropyl Acetate
Concen: 21.846 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

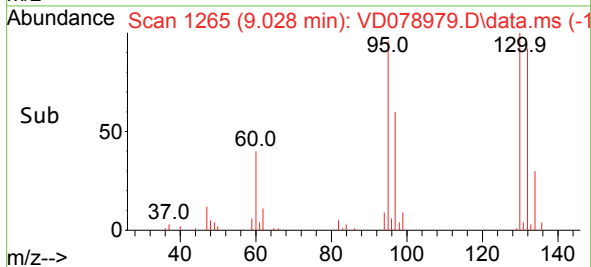
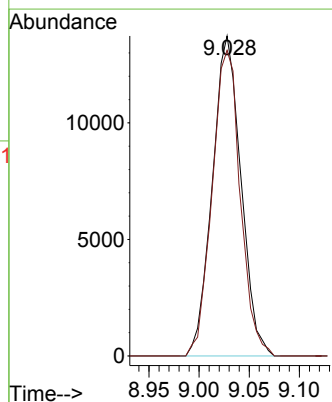
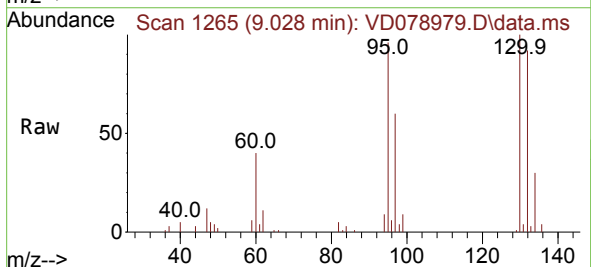


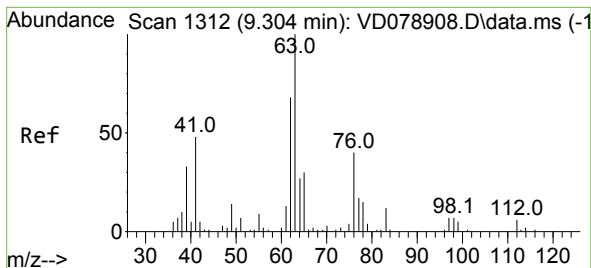
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	29.3	43.9#
87	15.1	14.9	22.3



#44
Trichloroethene
Concen: 19.158 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	177.8





#45

1,2-Dichloropropane

Concen: 21.145 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

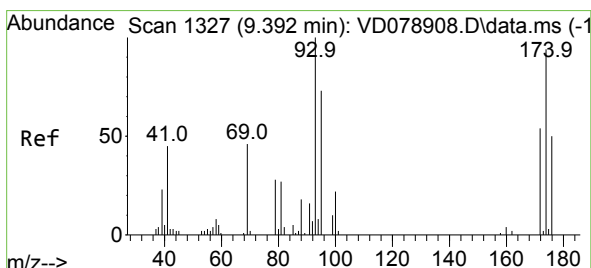
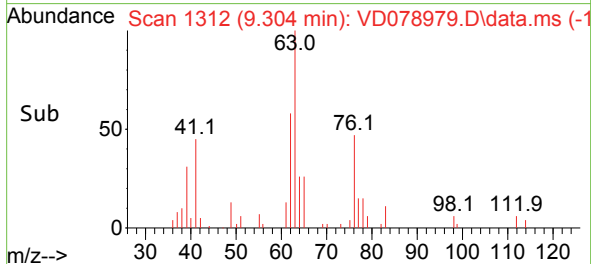
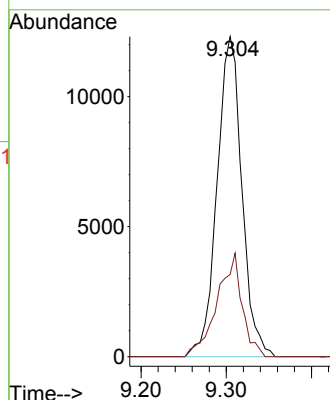
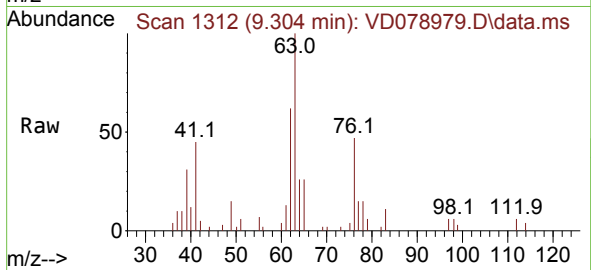
ClientSampleId :

Tgt Ion: 63 Resp: 24904

Ion Ratio Lower Upper

63 100

65 25.7 23.8 35.8



#46

Dibromomethane

Concen: 18.889 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

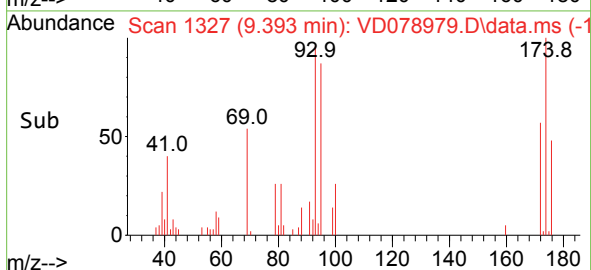
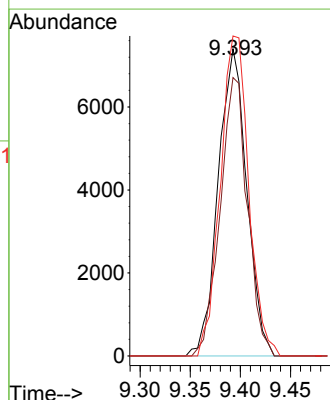
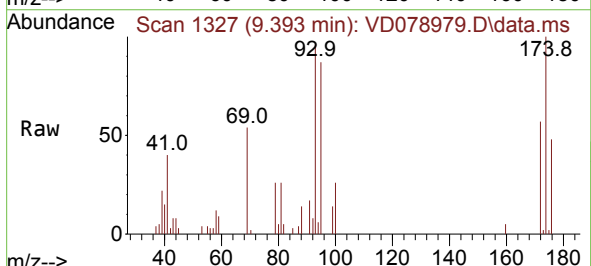
Tgt Ion: 93 Resp: 14645

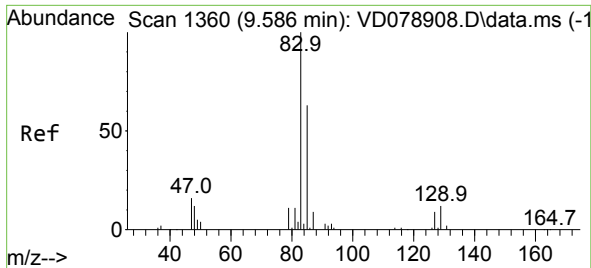
Ion Ratio Lower Upper

93 100

95 86.8 65.6 98.4

174 103.7 82.3 123.5

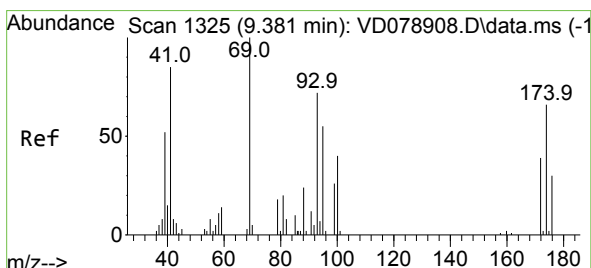
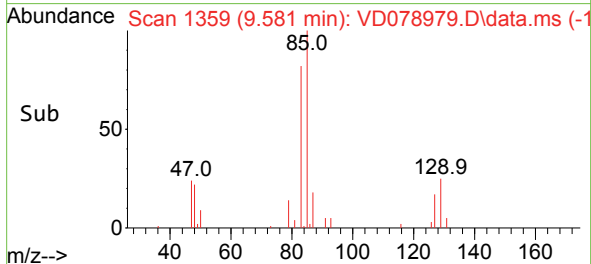
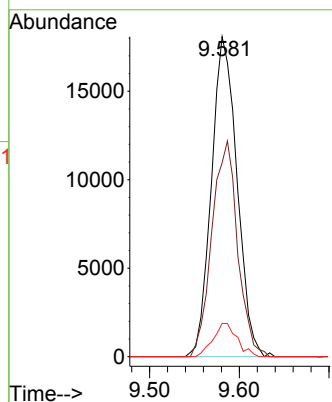
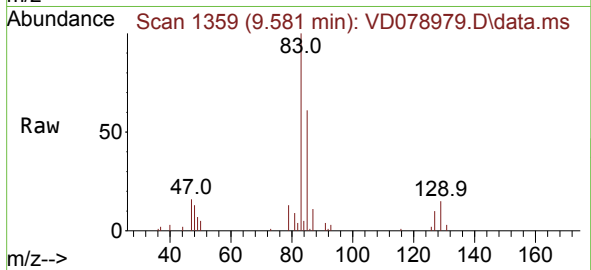




#47
Bromodichloromethane
Concen: 19.156 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

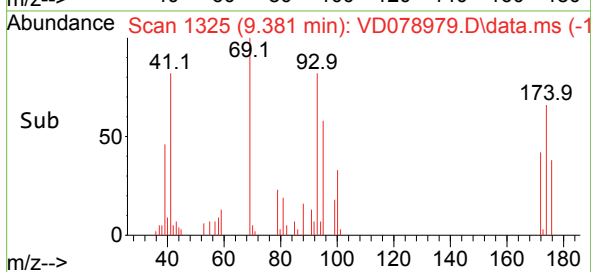
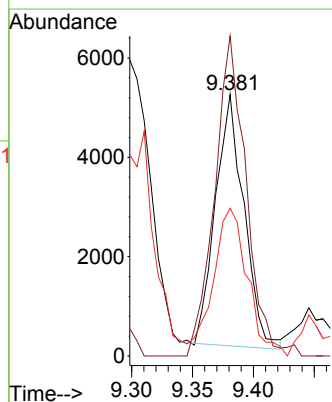
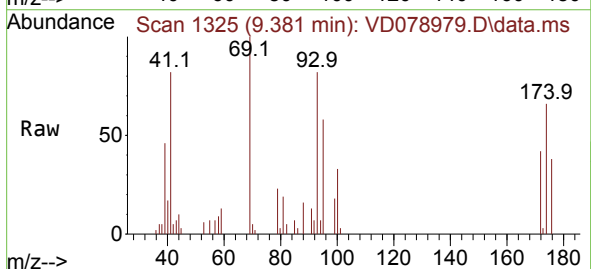
Instrument :
MSVOA_D
ClientSampleId :

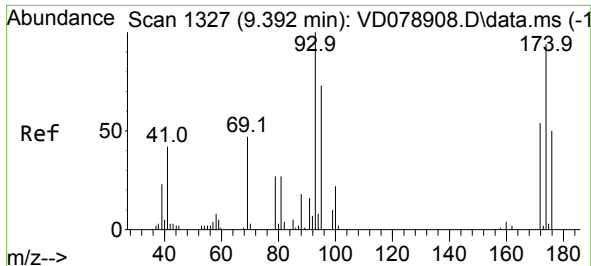
Tgt Ion: 83 Resp: 35751
Ion Ratio Lower Upper
83 100
85 60.6 50.1 75.1
127 10.4 6.8 10.2#



#48
Methyl methacrylate
Concen: 16.932 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 41 Resp: 8259
Ion Ratio Lower Upper
41 100
69 140.3 96.7 145.1
39 70.4 43.8 65.6#





#49

1,4-Dioxane

Concen: 414.218 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.017 min

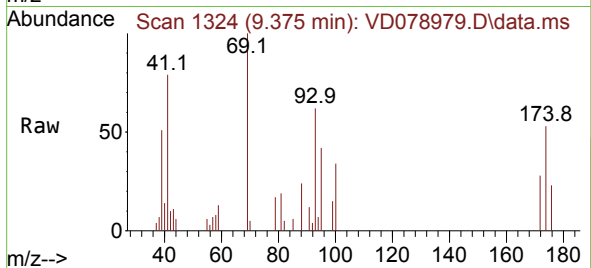
Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :



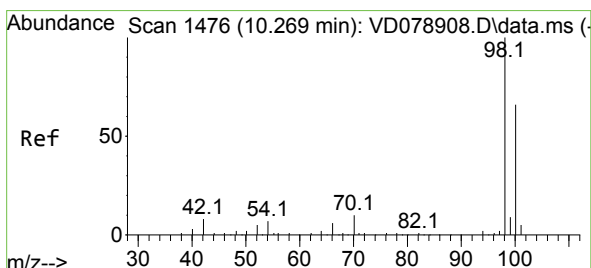
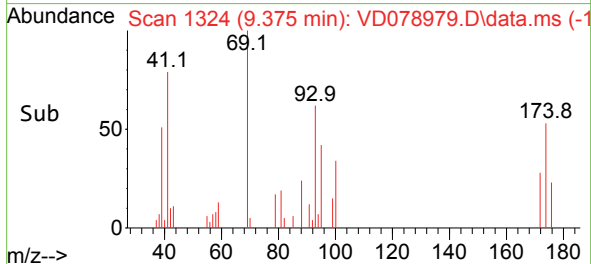
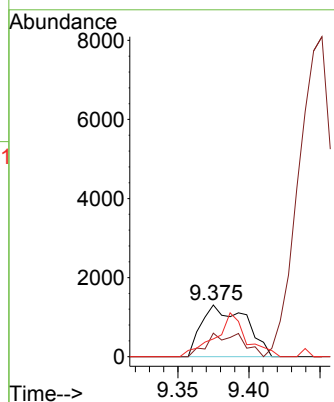
Tgt Ion: 88 Resp: 2825

Ion Ratio Lower Upper

88 100

43 37.1 21.5 32.3#

58 59.4 42.2 63.4



#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078979.D

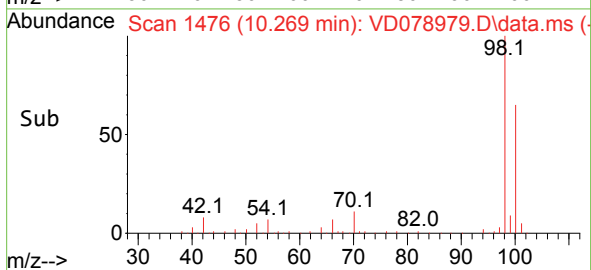
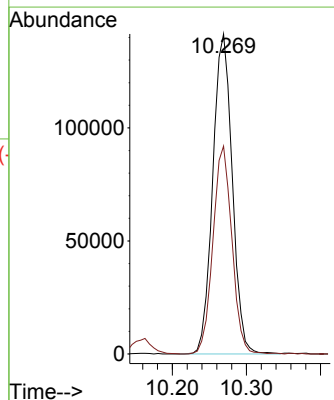
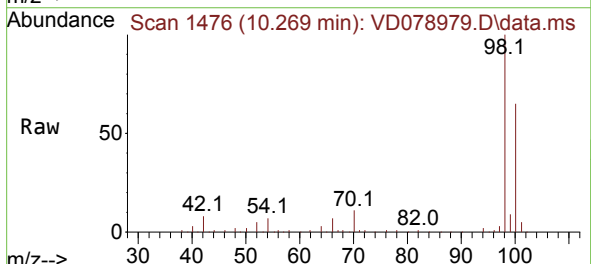
Acq: 22 May 2024 15:06

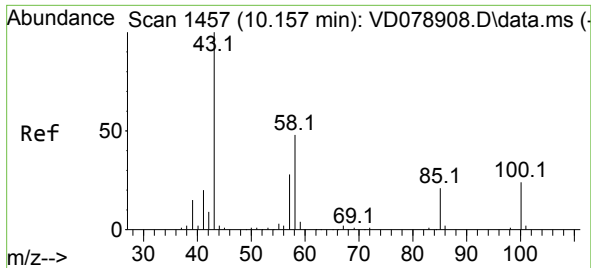
Tgt Ion: 98 Resp: 258264

Ion Ratio Lower Upper

98 100

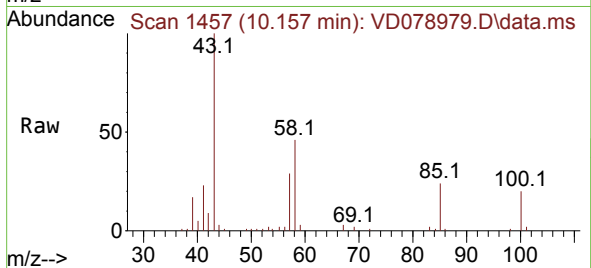
100 63.2 51.6 77.4



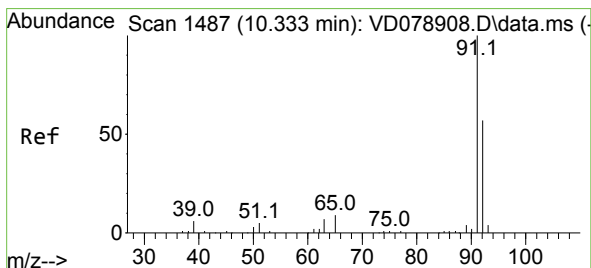
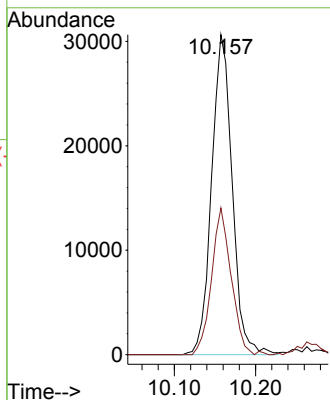
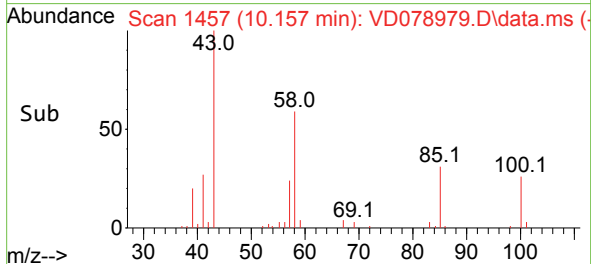


#51
4-Methyl-2-Pentanone
Concen: 101.293 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

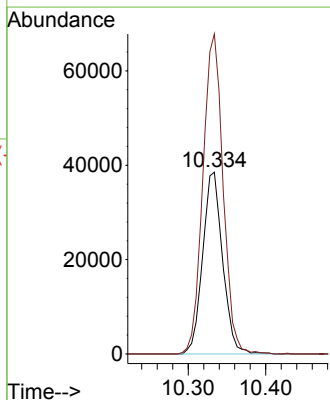
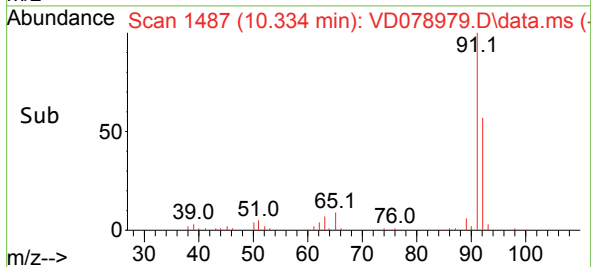
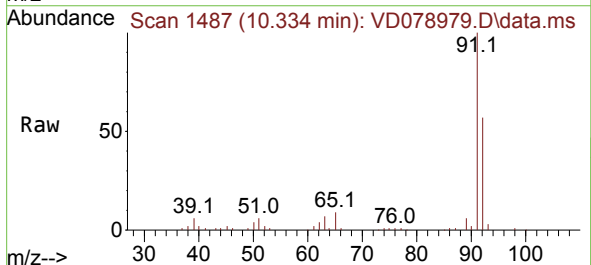


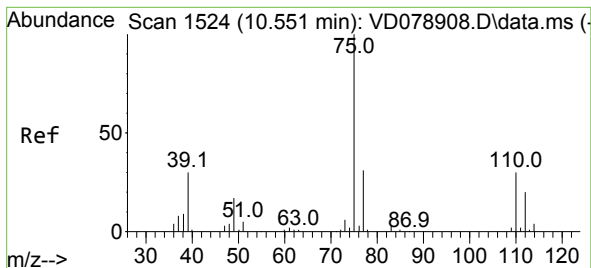
Tgt Ion: 43 Resp: 54061
Ion Ratio Lower Upper
43 100
58 43.4 36.6 55.0



#52
Toluene
Concen: 20.078 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 92 Resp: 68881
Ion Ratio Lower Upper
92 100
91 178.1 141.7 212.5

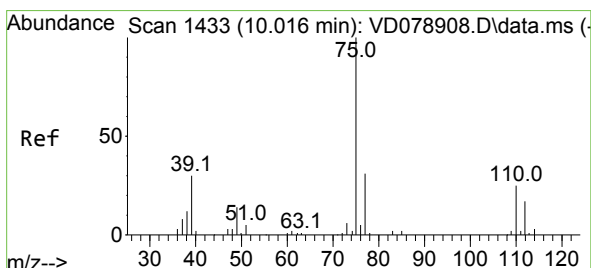
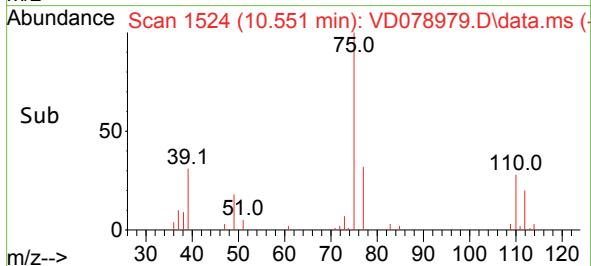
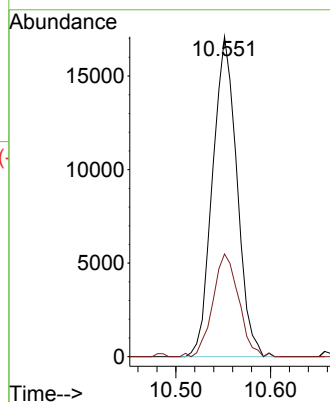
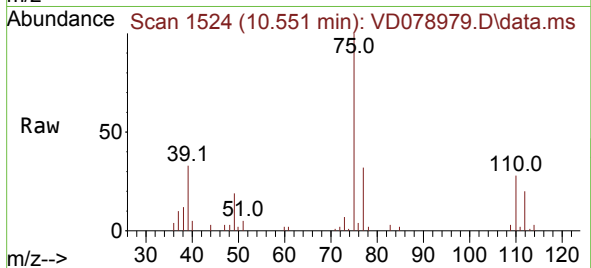




#53
 t-1,3-Dichloropropene
 Concen: 19.310 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

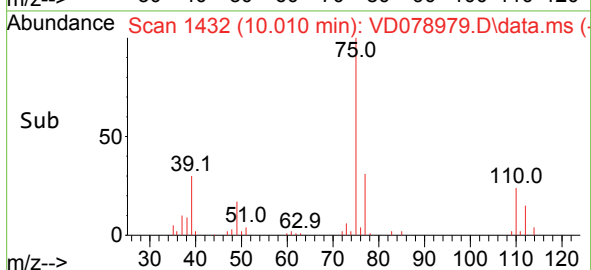
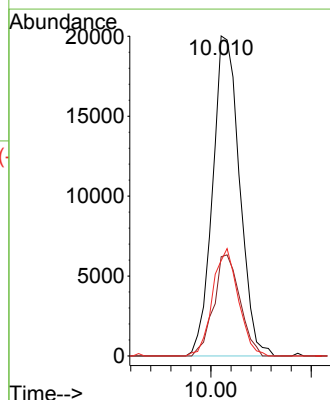
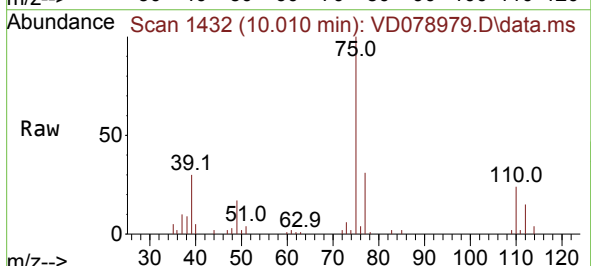
Instrument :
 MSVOA_D
 ClientSampleId :

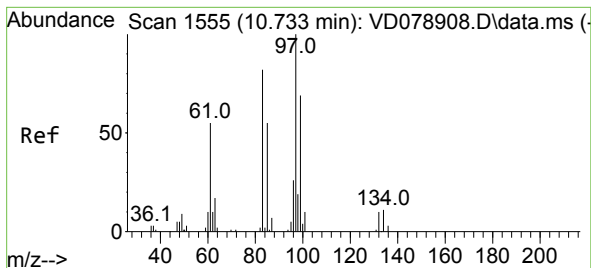
Tgt Ion: 75 Resp: 30624
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.584 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

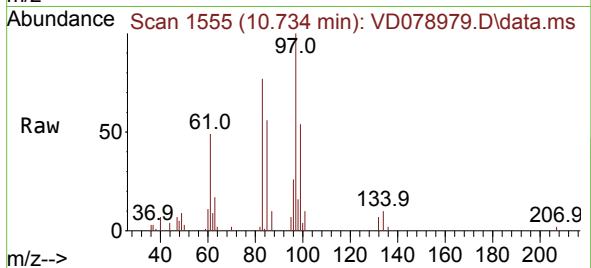
Tgt Ion: 75 Resp: 37278
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.4 36.6
 39 29.8 24.2 36.2



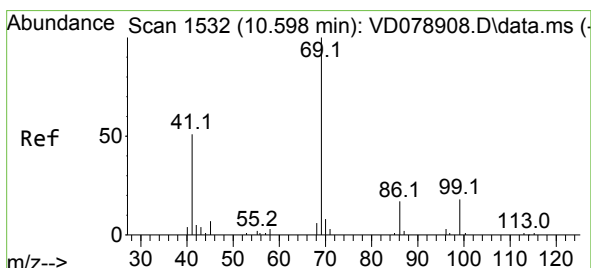
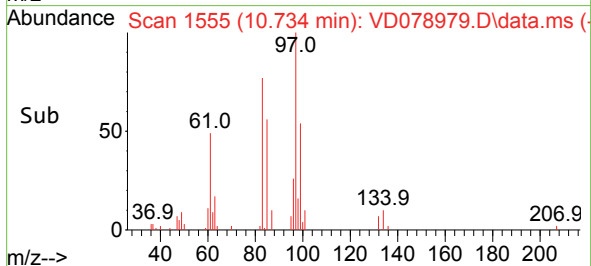
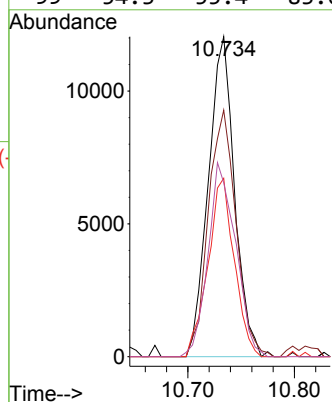


#55
1,1,2-Trichloroethane
Concen: 20.538 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Instrument :
MSVOA_D
ClientSampleId :

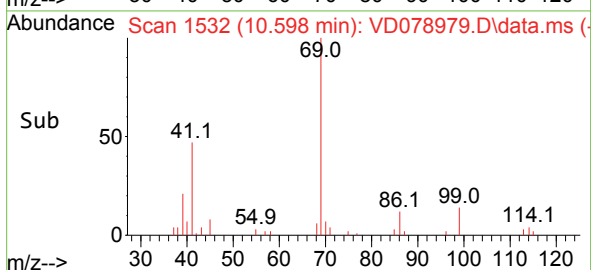
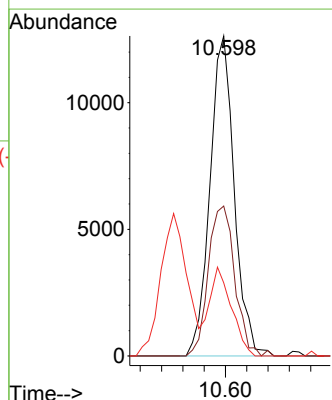
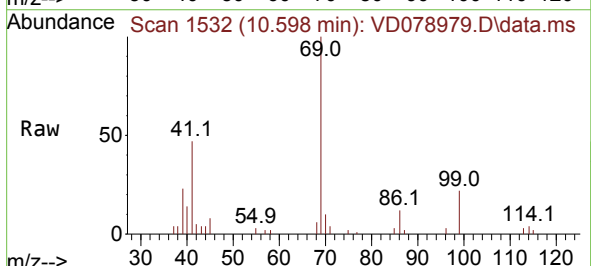


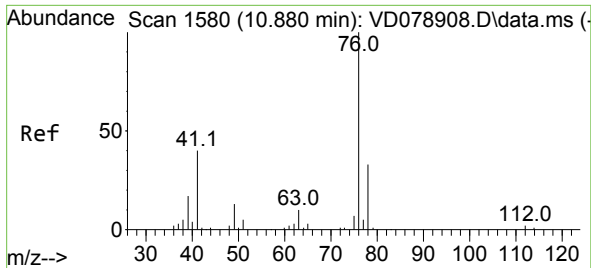
Tgt Ion:	97	Resp:	20573
Ion	Ratio	Lower	Upper
97	100		
83	77.0	65.8	98.8
85	55.7	43.8	65.8
99	54.3	55.4	83.0



#56
Ethyl methacrylate
Concen: 19.434 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion:	69	Resp:	20028
Ion	Ratio	Lower	Upper
69	100		
41	51.2	39.8	59.6
39	25.7	20.2	30.4





#57

1,3-Dichloropropane

Concen: 20.735 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

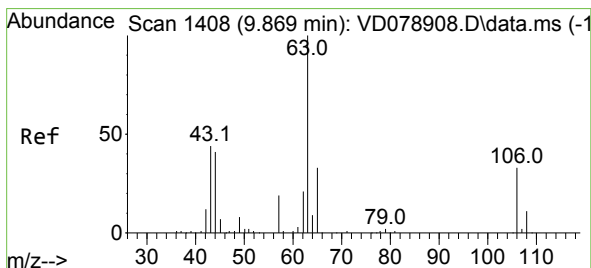
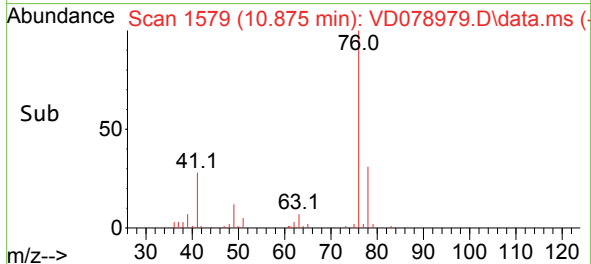
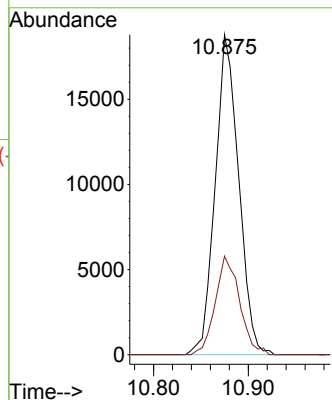
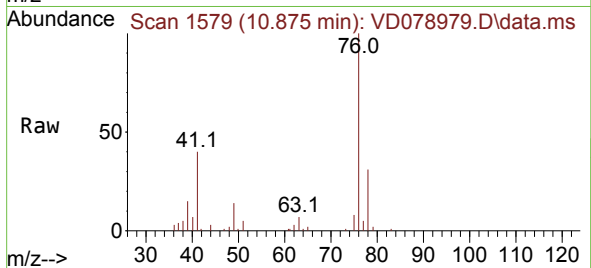
ClientSampleId :

Tgt Ion: 76 Resp: 32341

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.683 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078979.D

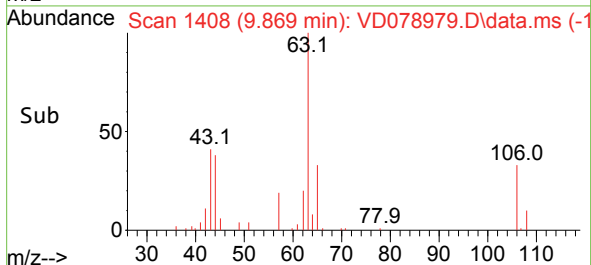
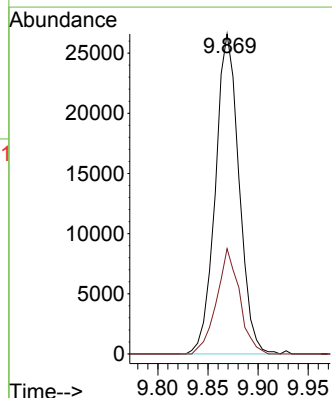
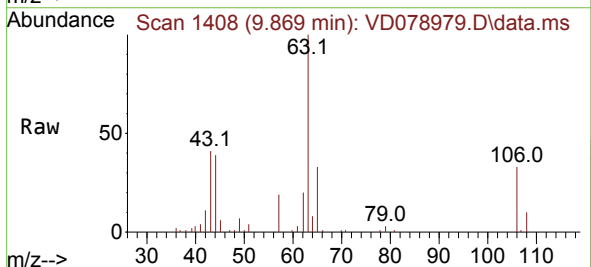
Acq: 22 May 2024 15:06

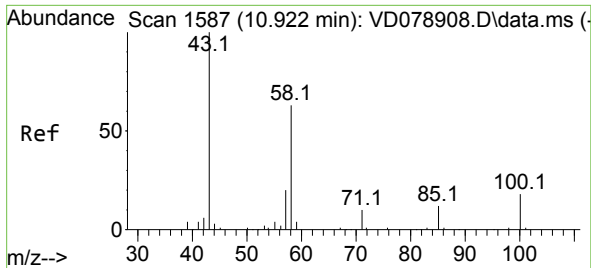
Tgt Ion: 63 Resp: 43698

Ion Ratio Lower Upper

63 100

106 32.0 26.4 39.6

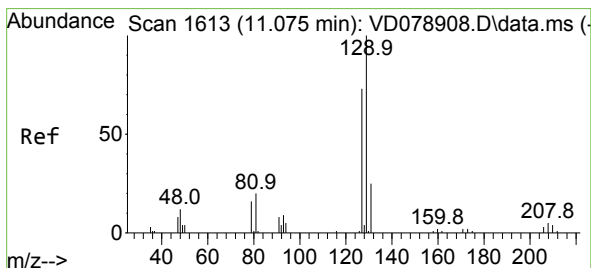
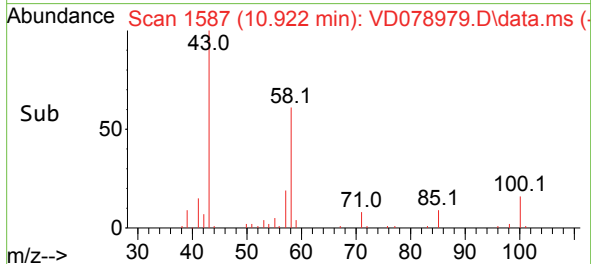
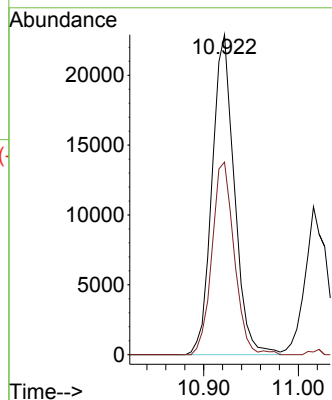
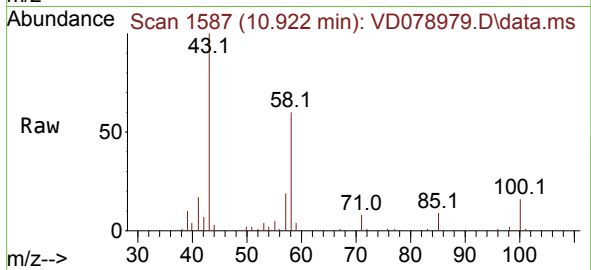




#59
2-Hexanone
Concen: 100.725 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

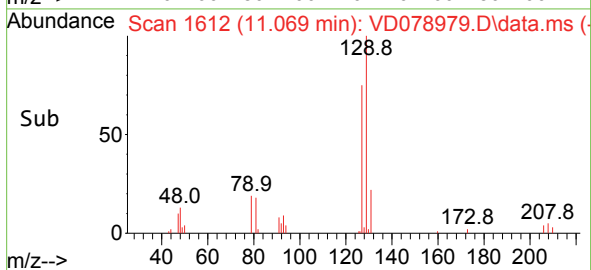
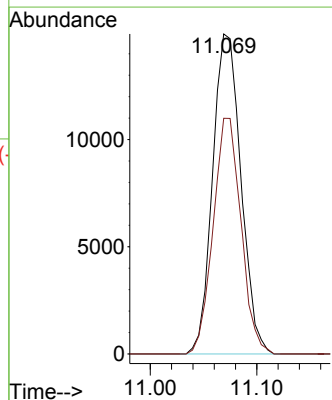
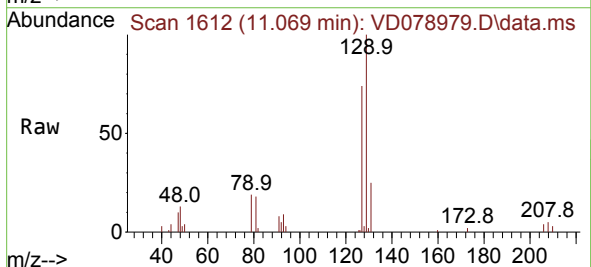
Instrument :
MSVOA_D
ClientSampleId :

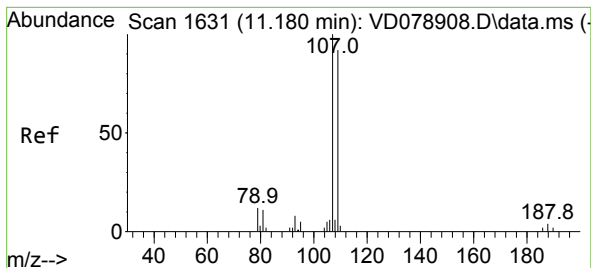
Tgt Ion: 43 Resp: 37418
Ion Ratio Lower Upper
43 100
58 60.2 31.1 93.5



#60
Dibromochloromethane
Concen: 20.197 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 129 Resp: 27579
Ion Ratio Lower Upper
129 100
127 72.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 21.012 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

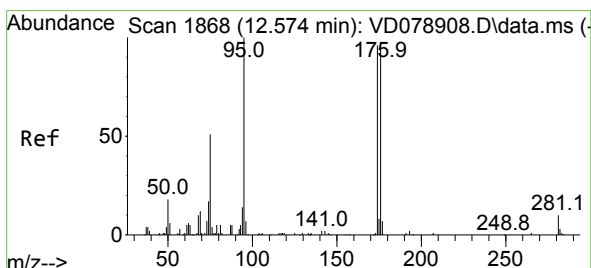
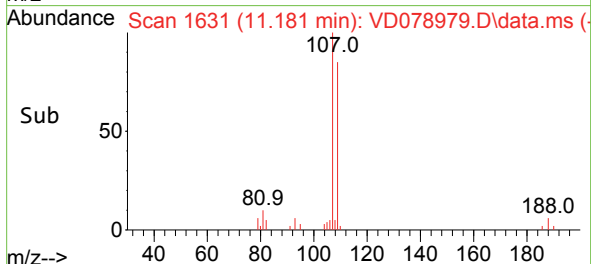
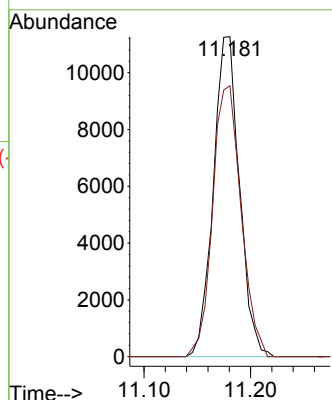
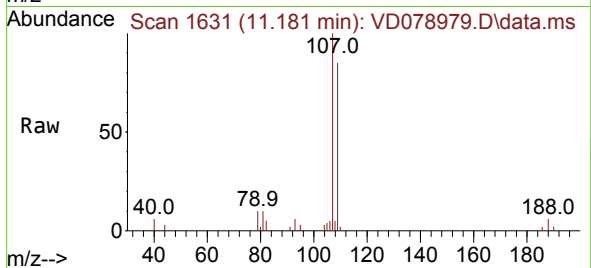
ClientSampleId :

Tgt Ion:107 Resp: 19191

Ion Ratio Lower Upper

107 100

109 92.0 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 52.907 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

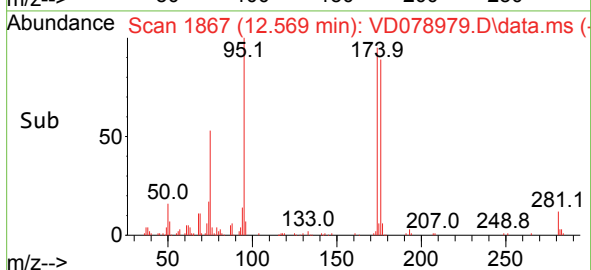
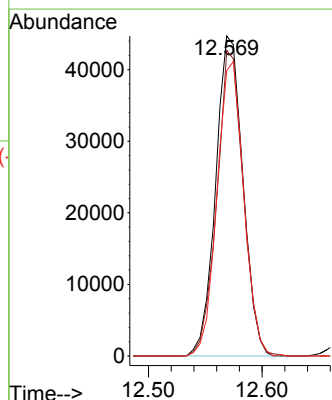
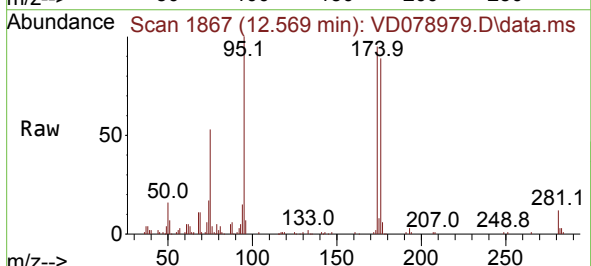
Tgt Ion: 95 Resp: 74195

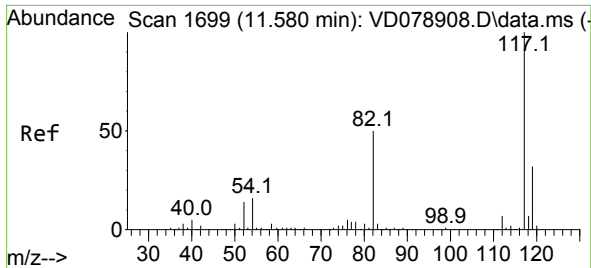
Ion Ratio Lower Upper

95 100

174 92.8 0.0 195.4

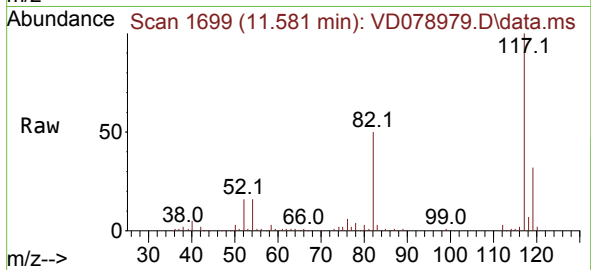
176 90.5 0.0 192.6



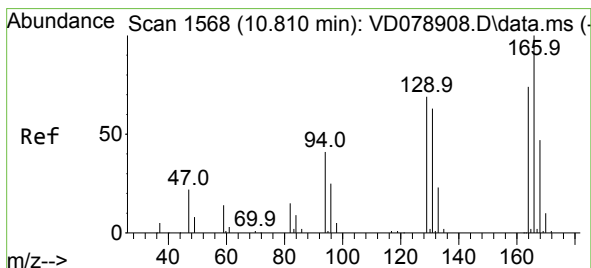
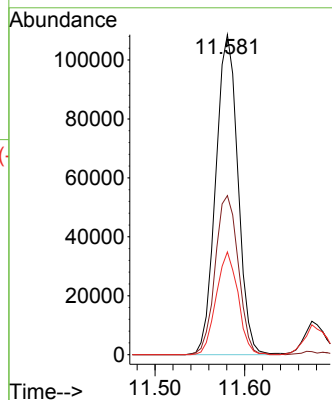
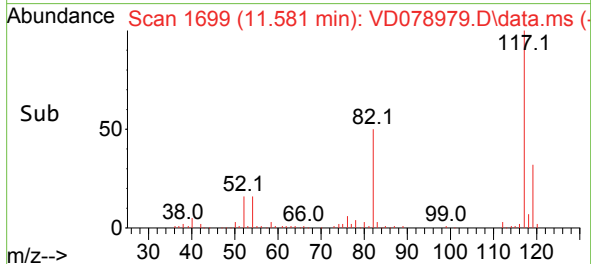


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

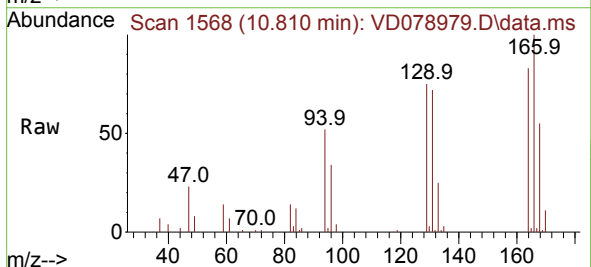
Instrument :
MSVOA_D
ClientSampleId :



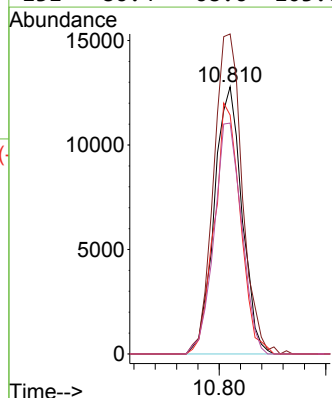
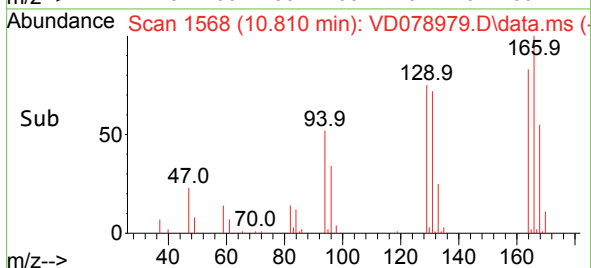
Tgt Ion:117 Resp: 186635
Ion Ratio Lower Upper
117 100
82 49.7 39.8 59.6
119 32.1 25.7 38.5

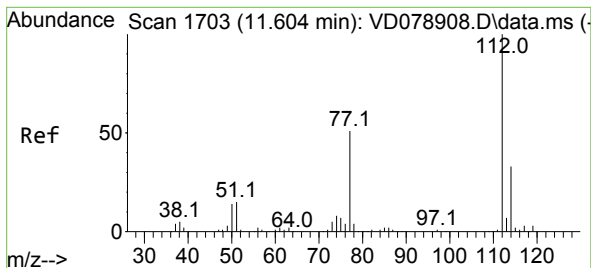


#64
Tetrachloroethene
Concen: 19.450 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06



Tgt Ion:164 Resp: 23031
Ion Ratio Lower Upper
164 100
166 119.8 108.6 163.0
129 89.4 74.6 112.0
131 86.4 68.6 103.0





#65

Chlorobenzene

Concen: 20.274 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

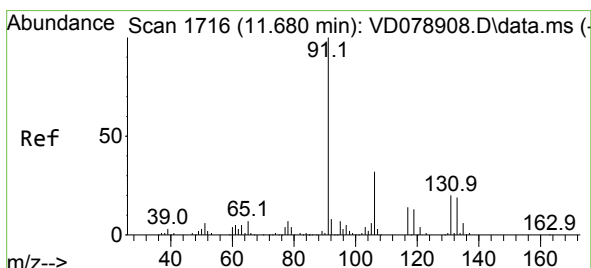
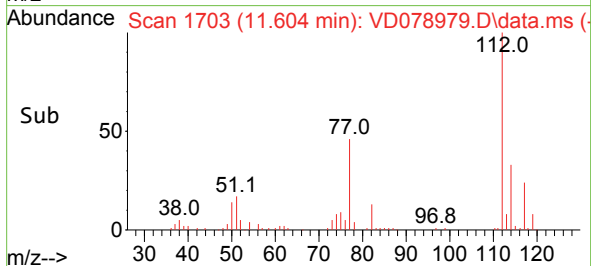
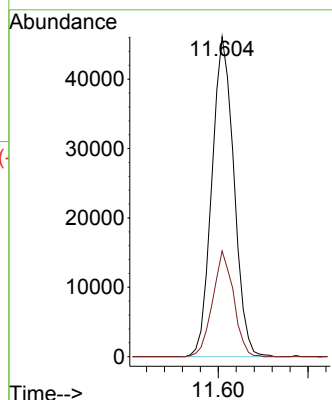
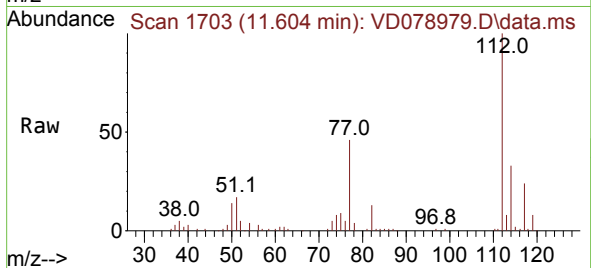
ClientSampleId :

Tgt Ion:112 Resp: 78706

Ion Ratio Lower Upper

112 100

114 33.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.050 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

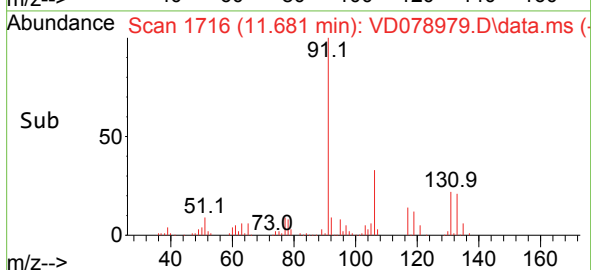
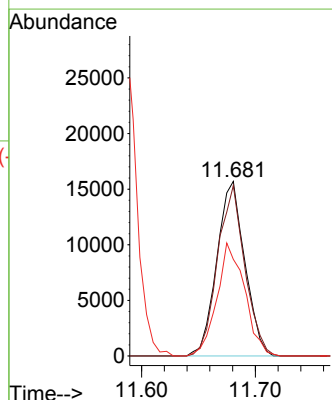
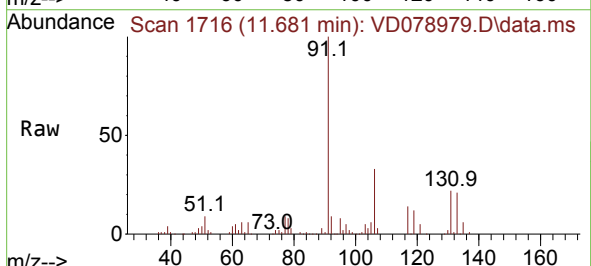
Tgt Ion:131 Resp: 26909

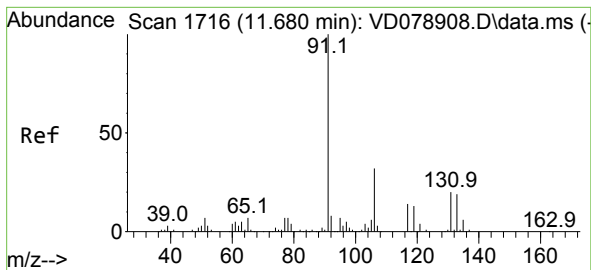
Ion Ratio Lower Upper

131 100

133 95.2 49.2 147.6

119 64.1 33.4 100.2





#67

Ethyl Benzene

Concen: 19.382 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

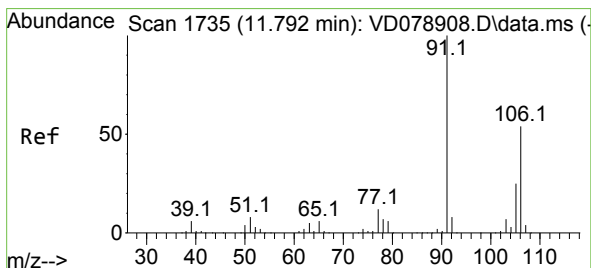
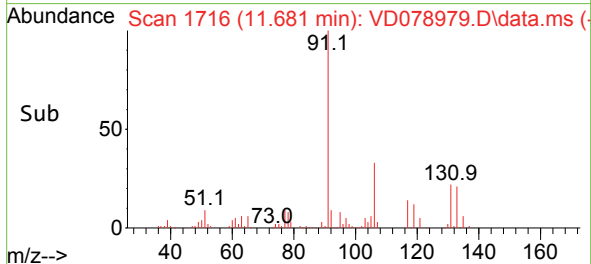
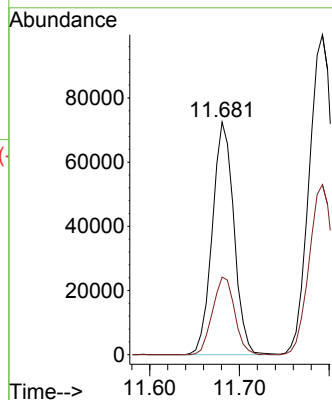
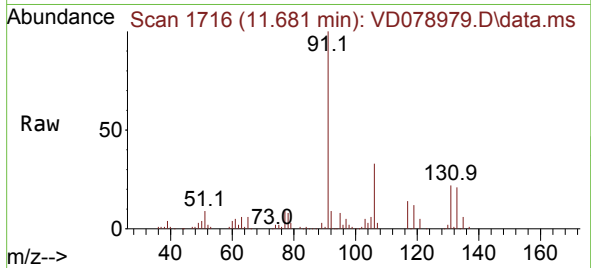
ClientSampleId :

Tgt Ion: 91 Resp: 121026

Ion Ratio Lower Upper

91 100

106 33.4 25.8 38.6



#68

m/p-Xylenes

Concen: 39.472 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078979.D

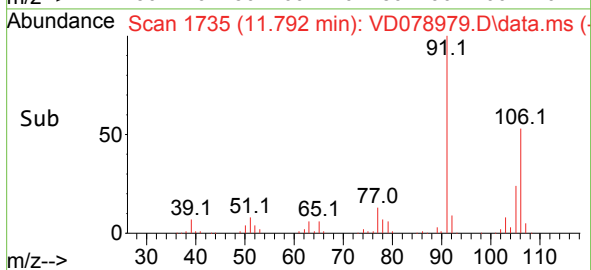
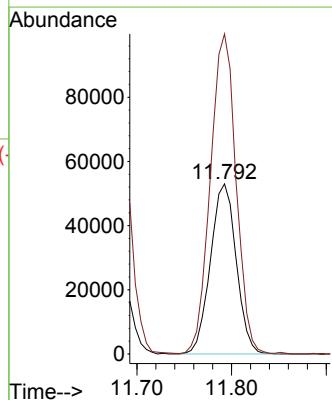
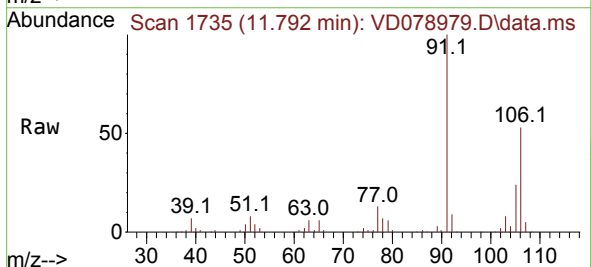
Acq: 22 May 2024 15:06

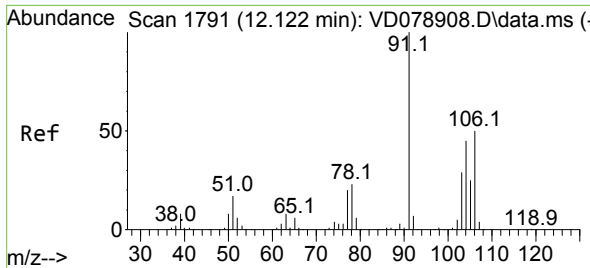
Tgt Ion: 106 Resp: 100207

Ion Ratio Lower Upper

106 100

91 186.6 148.5 222.7

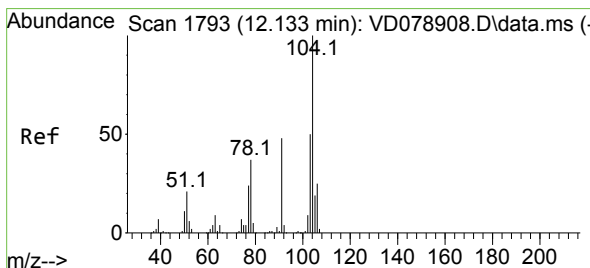
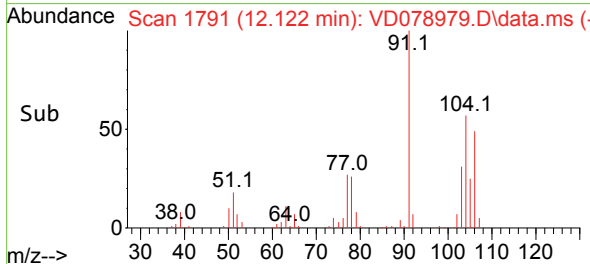
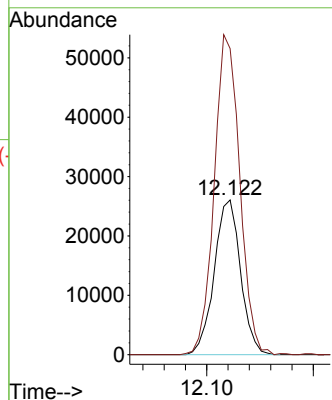
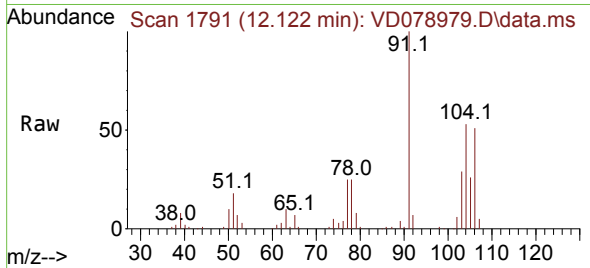




#69
o-Xylene
Concen: 19.277 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

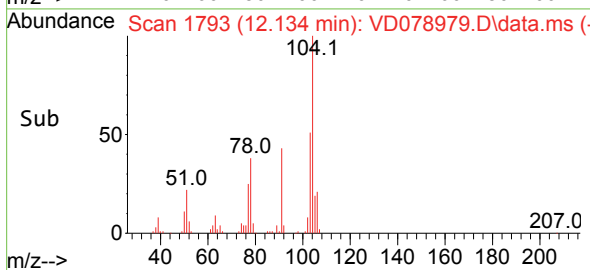
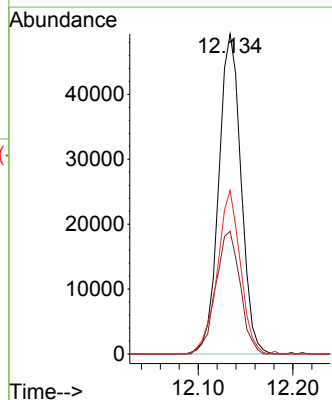
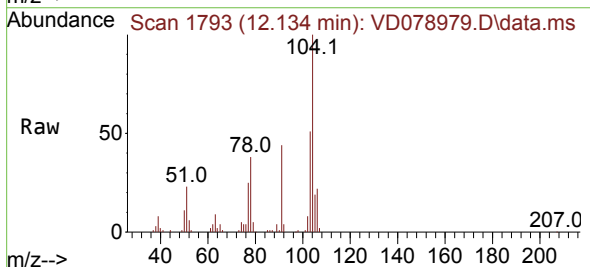
Instrument :
MSVOA_D
ClientSampleId :

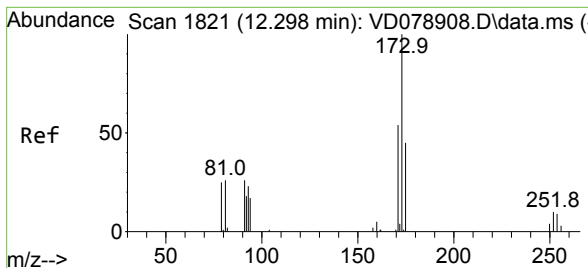
Tgt Ion:106 Resp: 44614
Ion Ratio Lower Upper
106 100
91 200.8 96.7 290.1



#70
Styrene
Concen: 19.671 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion:104 Resp: 80687
Ion Ratio Lower Upper
104 100
78 42.0 33.0 49.6
103 52.9 44.2 66.4





#71

Bromoform

Concen: 20.649 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

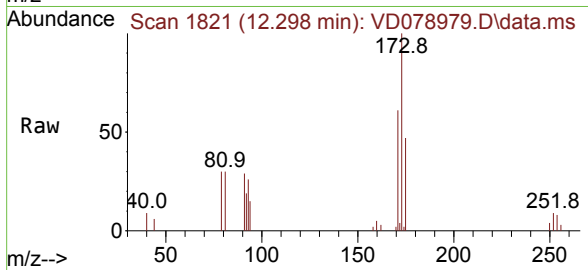
Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :



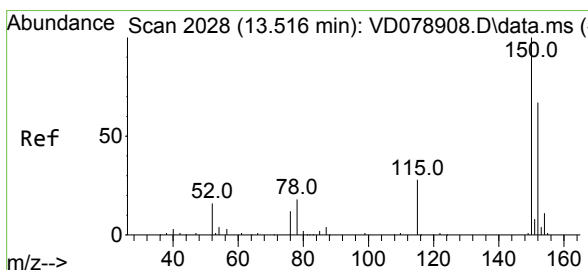
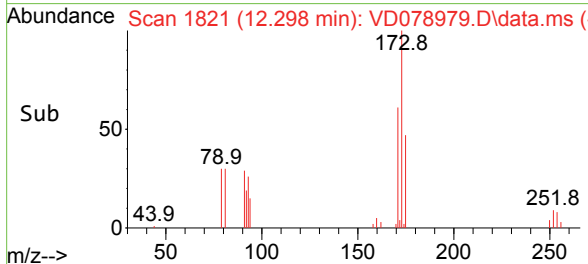
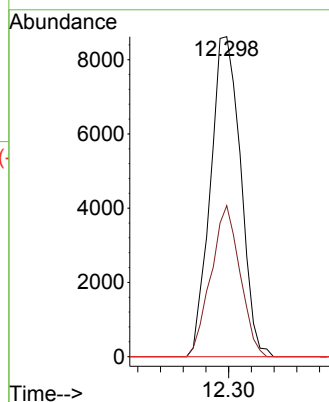
Tgt Ion:173 Resp: 15875

Ion Ratio Lower Upper

173 100

175 45.5 23.7 71.1

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. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

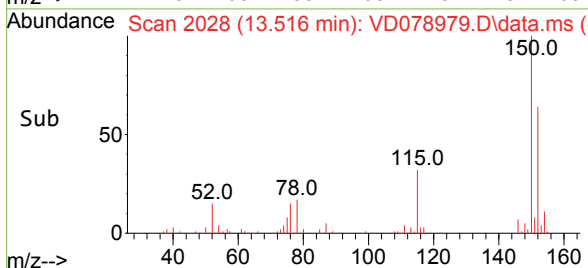
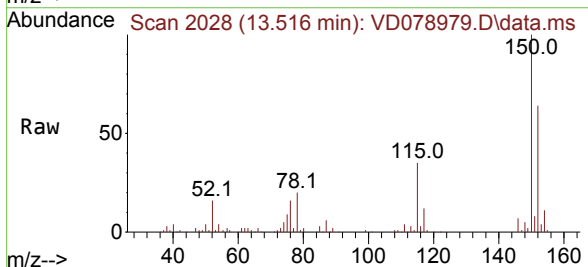
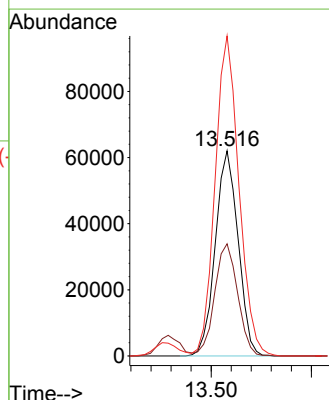
Tgt Ion:152 Resp: 98032

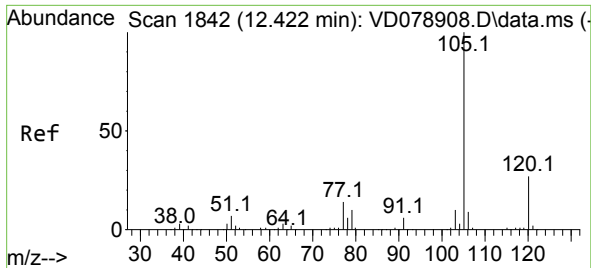
Ion Ratio Lower Upper

152 100

115 55.2 26.5 79.5

150 162.9 0.0 341.6

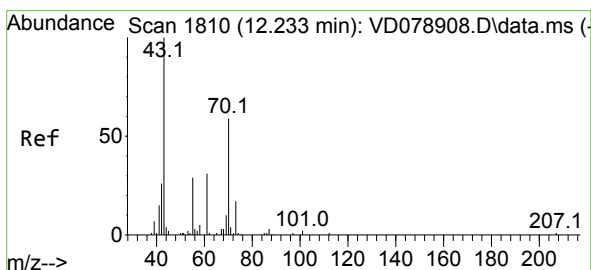
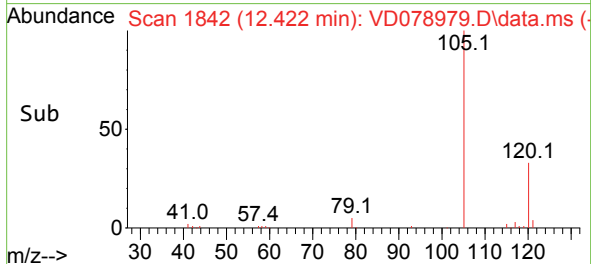
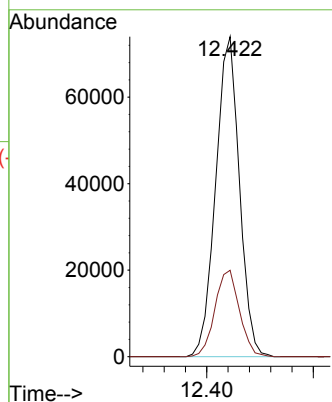
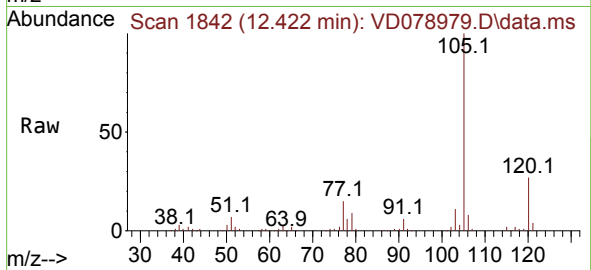




#73
Isopropylbenzene
Concen: 19.496 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

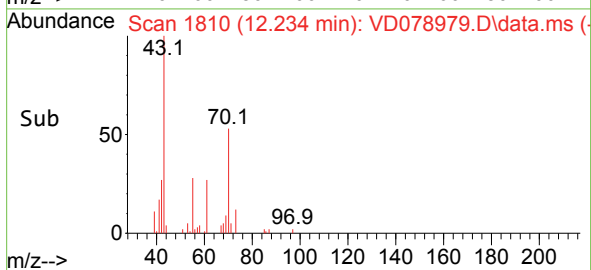
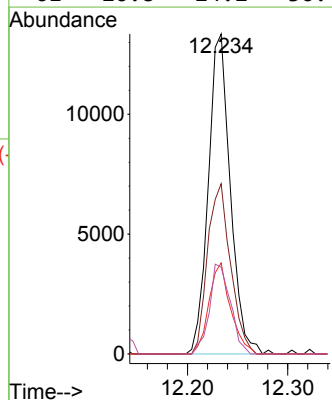
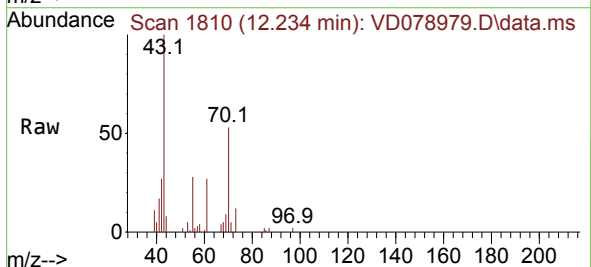
Instrument :
MSVOA_D
ClientSampleId :

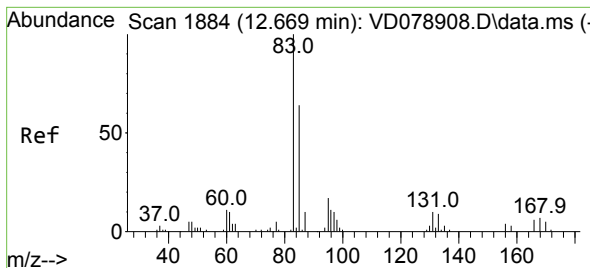
Tgt Ion:105 Resp: 114073
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.7



#74
N-ethyl acetate
Concen: 21.441 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 43 Resp: 20356
Ion Ratio Lower Upper
43 100
70 55.4 44.3 66.5
55 28.0 23.2 34.8
61 26.8 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.286 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

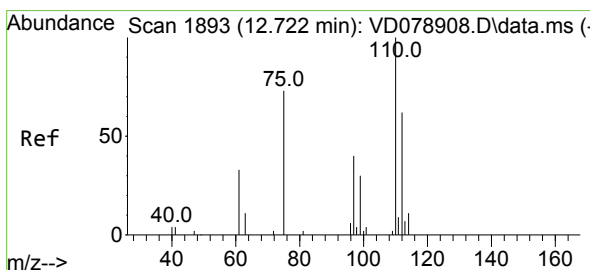
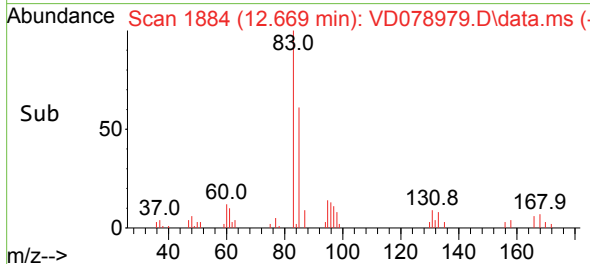
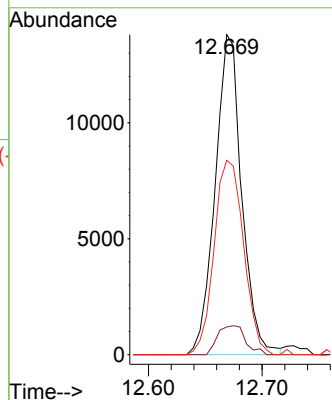
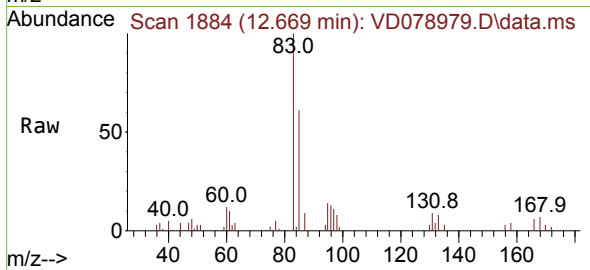
Tgt Ion: 83 Resp: 22466

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.5

85 67.1 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 39.267 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078979.D

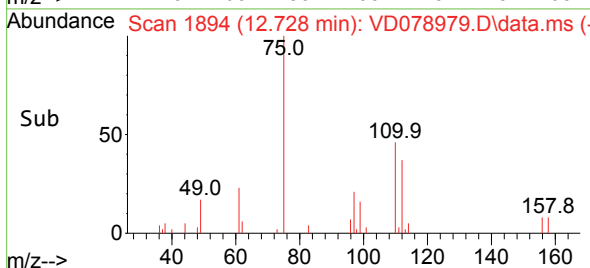
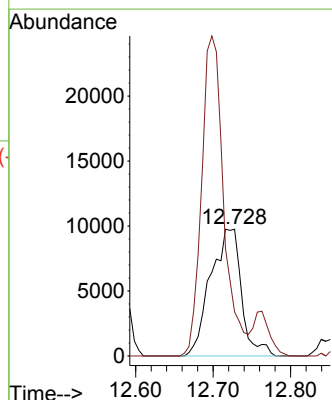
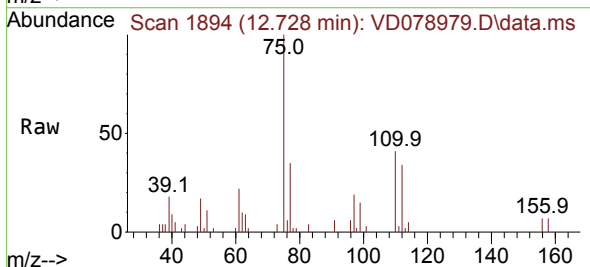
Acq: 22 May 2024 15:06

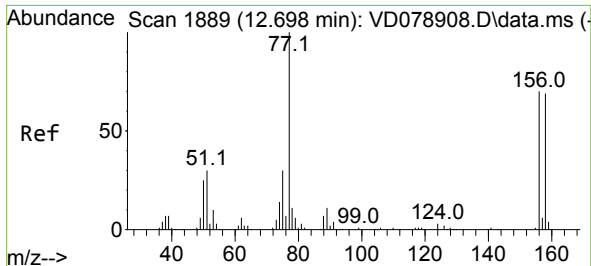
Tgt Ion: 75 Resp: 27100

Ion Ratio Lower Upper

75 100

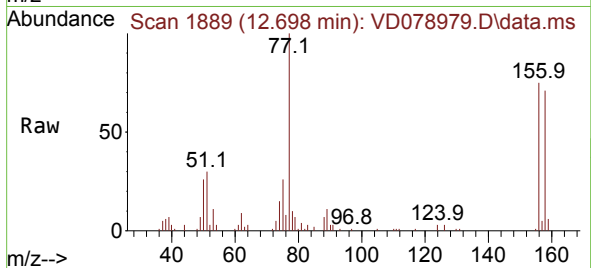
77 0.0 0.0 0.0



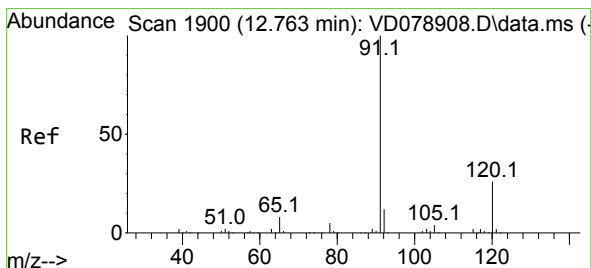
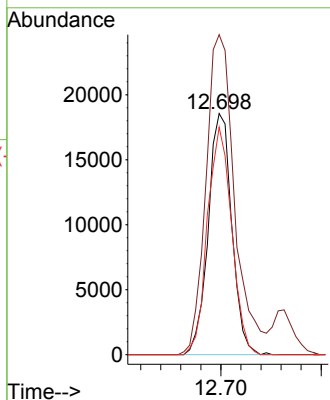
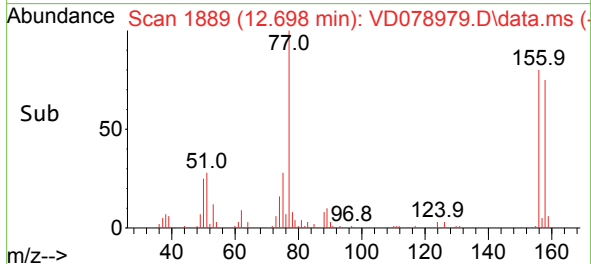


#77
 Bromobenzene
 Concen: 19.675 ug/l
 RT: 12.698 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

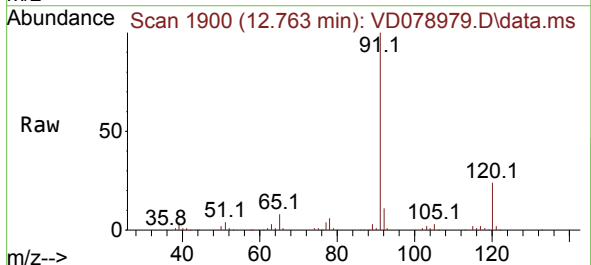
Instrument :
 MSVOA_D
 ClientSampleId :



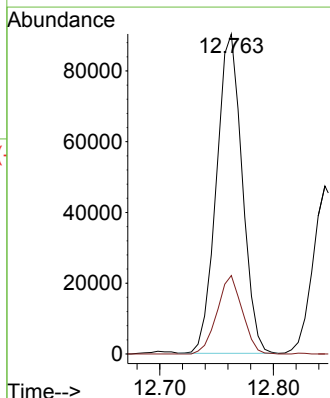
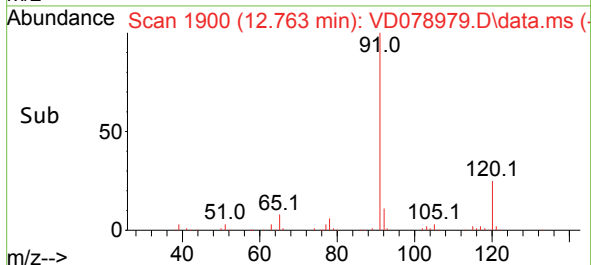
Tgt Ion:156 Resp: 30273
 Ion Ratio Lower Upper
 156 100
 77 161.6 77.3 231.9
 158 96.9 49.6 149.0

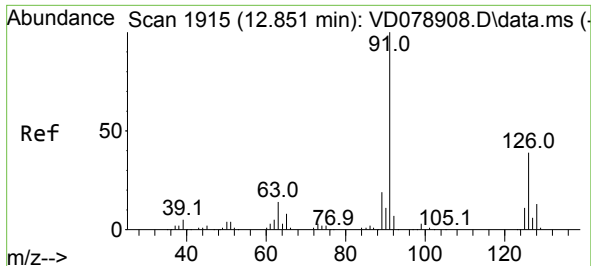


#78
 n-propylbenzene
 Concen: 20.100 ug/l
 RT: 12.763 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06



Tgt Ion: 91 Resp: 142147
 Ion Ratio Lower Upper
 91 100
 120 24.0 12.3 36.8

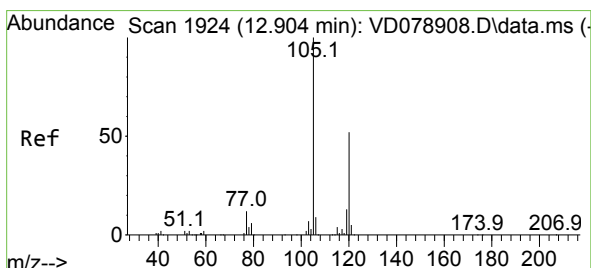
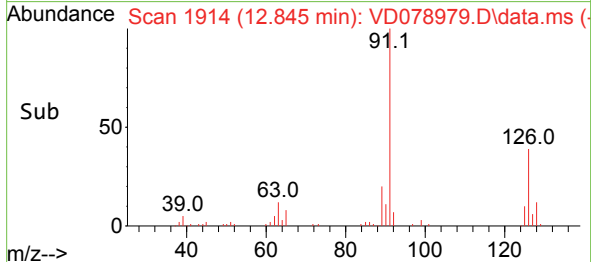
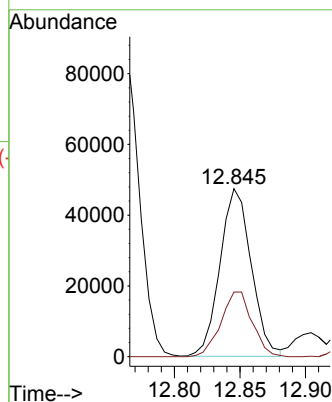
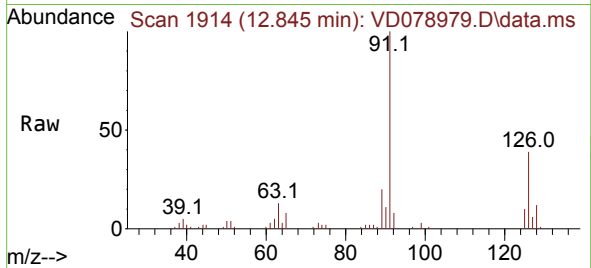




#79
2-Chlorotoluene
Concen: 20.035 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

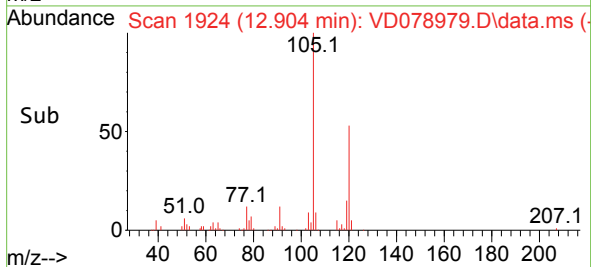
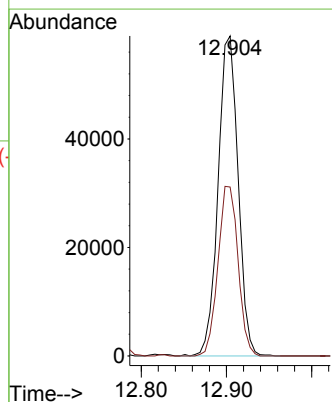
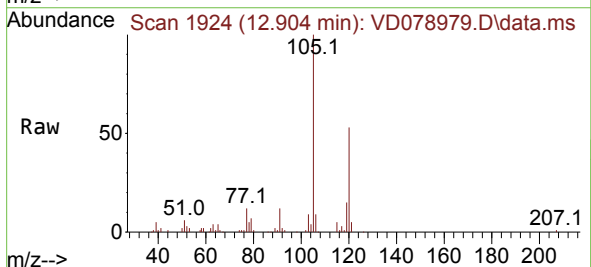
Instrument :
MSVOA_D
ClientSampleId :

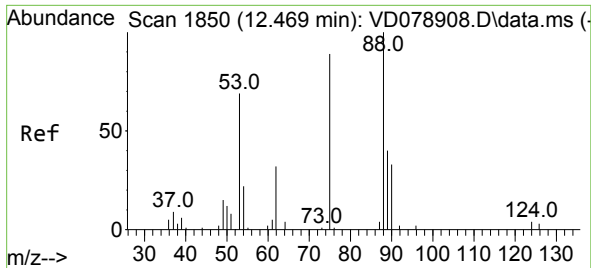
Tgt Ion: 91 Resp: 78753
Ion Ratio Lower Upper
91 100
126 38.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 19.793 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 105 Resp: 96218
Ion Ratio Lower Upper
105 100
120 53.2 25.7 77.1

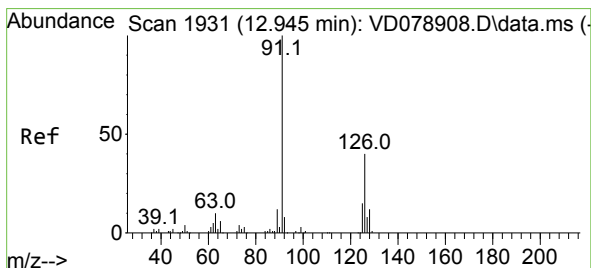
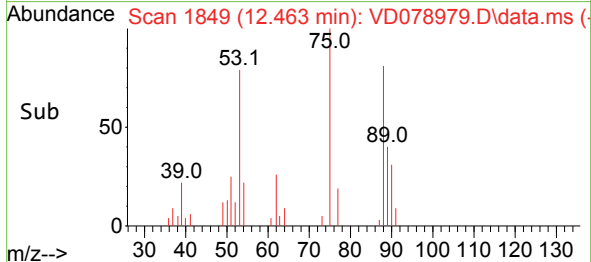
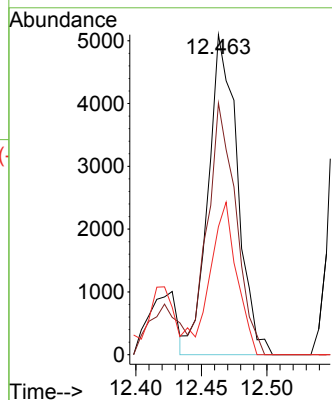
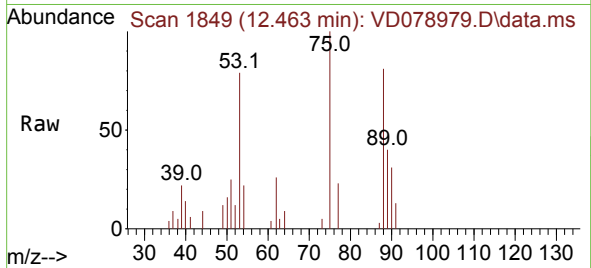




#81
trans-1,4-Dichloro-2-butene
Concen: 22.685 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

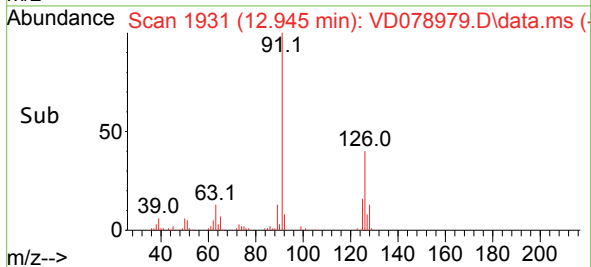
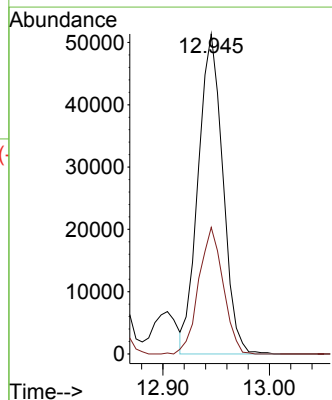
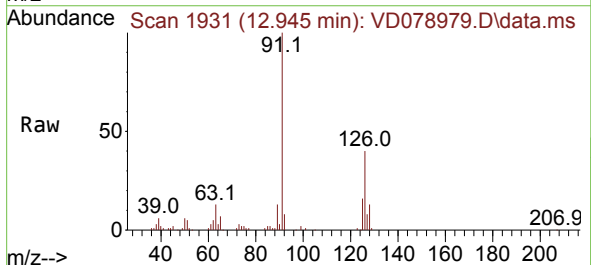
Instrument :
MSVOA_D
ClientSampleId :

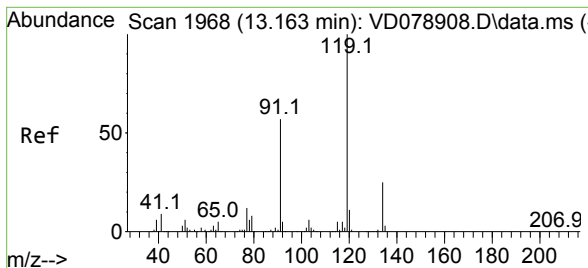
Tgt Ion: 75 Resp: 7895
Ion Ratio Lower Upper
75 100
53 75.6 61.4 92.2
89 41.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.054 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 91 Resp: 82697
Ion Ratio Lower Upper
91 100
126 39.1 18.9 56.9

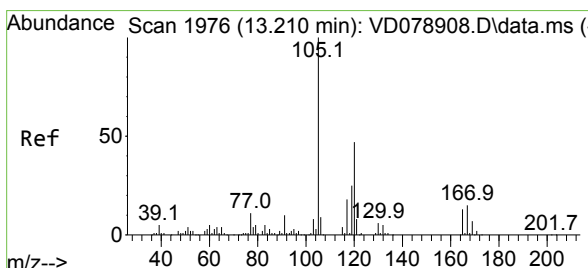
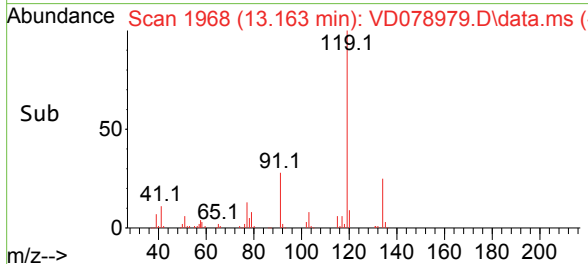
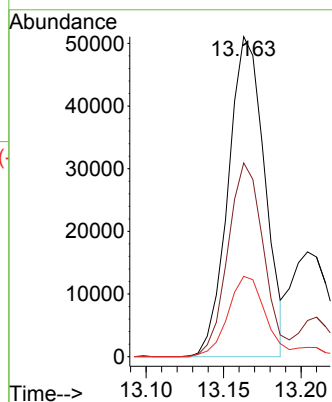
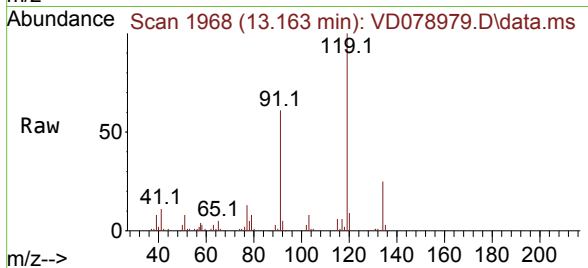




#83
tert-Butylbenzene
Concen: 19.445 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

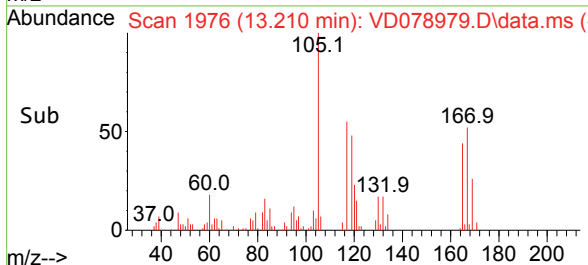
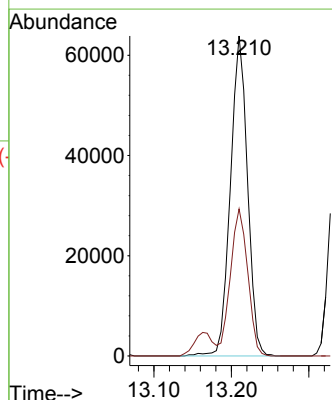
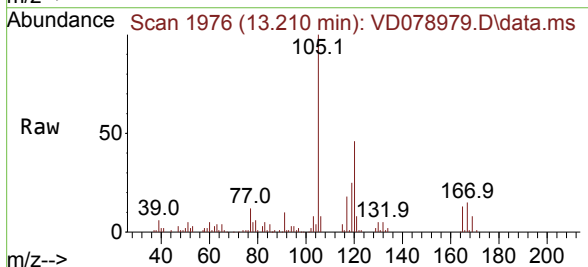
Instrument :
MSVOA_D
ClientSampleId :

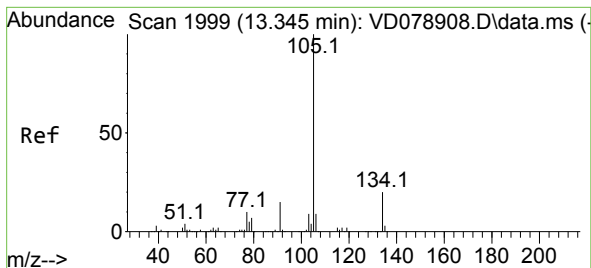
Tgt Ion:119 Resp: 83598
Ion Ratio Lower Upper
119 100
91 59.6 28.2 84.7
134 27.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.461 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion:105 Resp: 97992
Ion Ratio Lower Upper
105 100
120 46.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 20.186 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

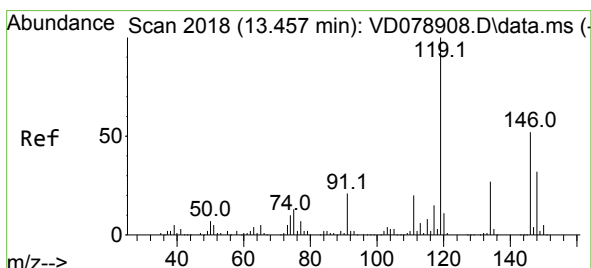
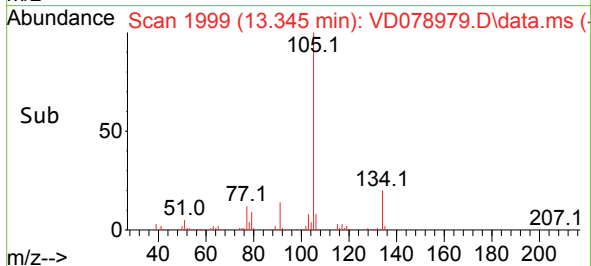
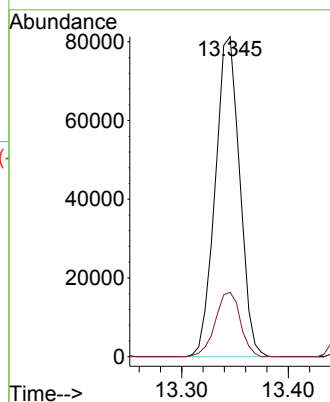
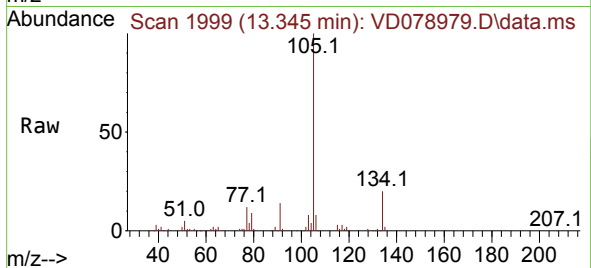
ClientSampleId :

Tgt Ion:105 Resp: 129453

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.890 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

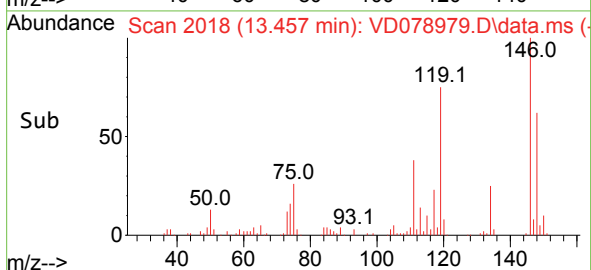
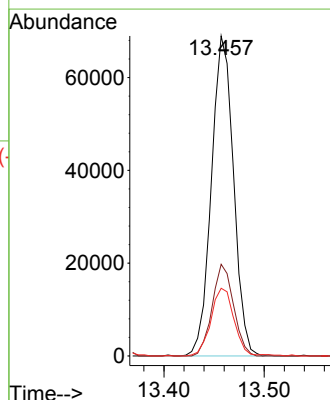
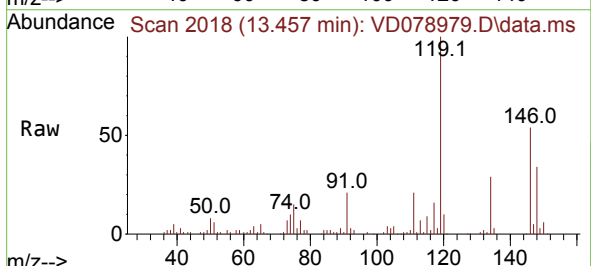
Tgt Ion:119 Resp: 105547

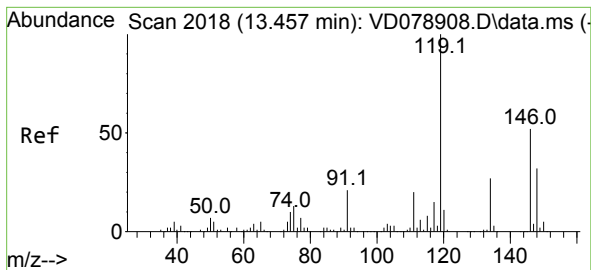
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.312 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

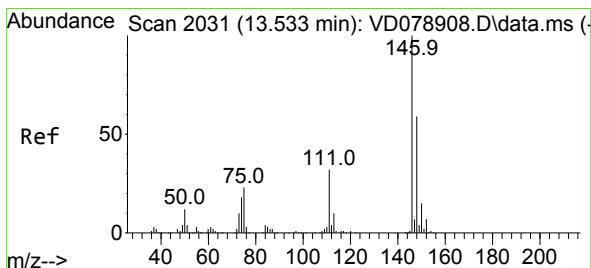
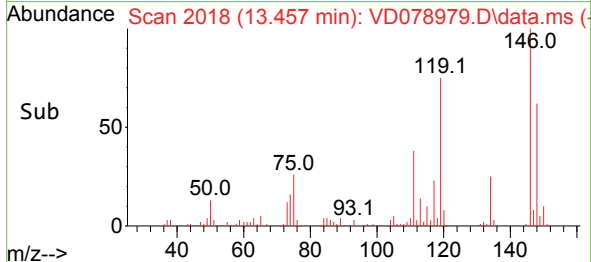
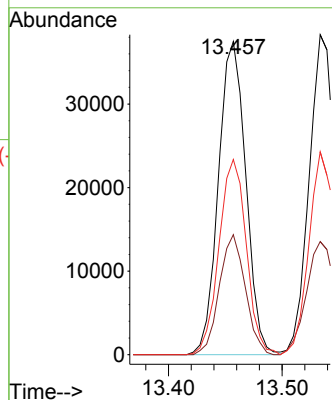
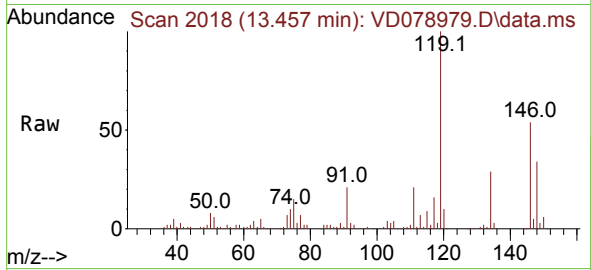
Tgt Ion:146 Resp: 62878

Ion Ratio Lower Upper

146 100

111 36.3 18.5 55.5

148 62.2 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.482 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

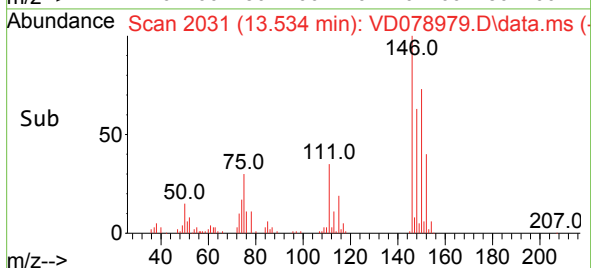
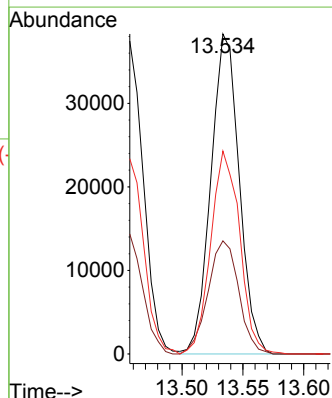
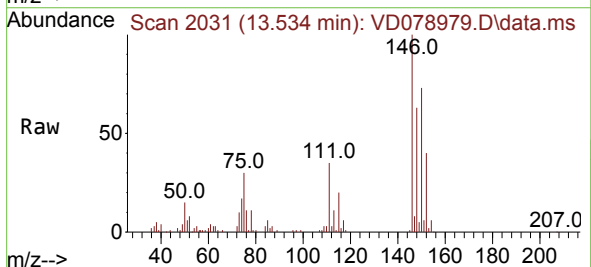
Tgt Ion:146 Resp: 62122

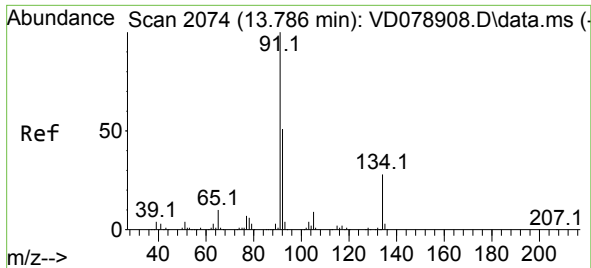
Ion Ratio Lower Upper

146 100

111 38.2 17.5 52.6

148 64.7 31.4 94.2

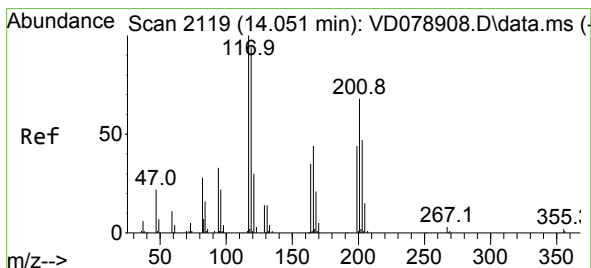
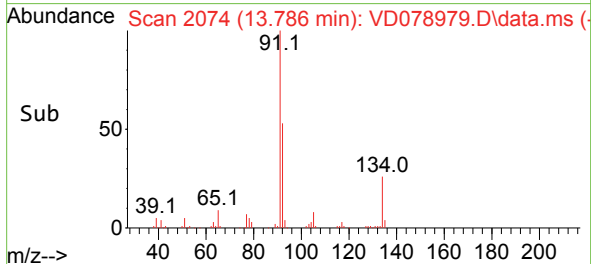
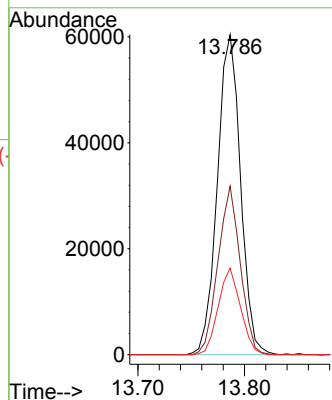
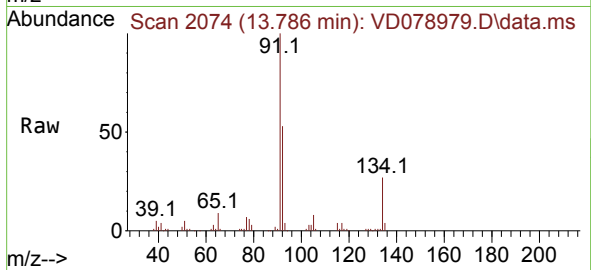




#89
n-Butylbenzene
Concen: 18.232 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

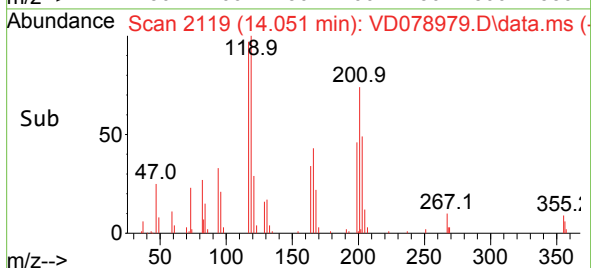
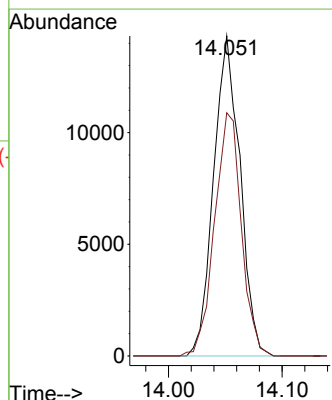
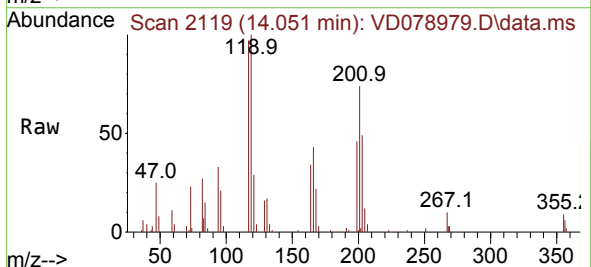
Instrument :
MSVOA_D
ClientSampleId :

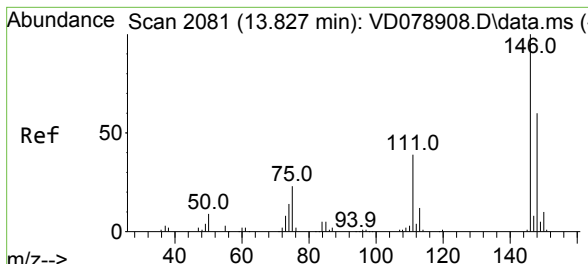
Tgt Ion: 91 Resp: 91284
Ion Ratio Lower Upper
91 100
92 50.5 25.7 77.0
134 26.0 13.6 40.8



#90
Hexachloroethane
Concen: 19.621 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078979.D
Acq: 22 May 2024 15:06

Tgt Ion: 117 Resp: 23125
Ion Ratio Lower Upper
117 100
201 77.0 36.3 108.9

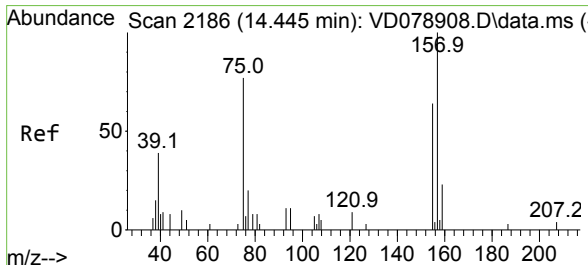
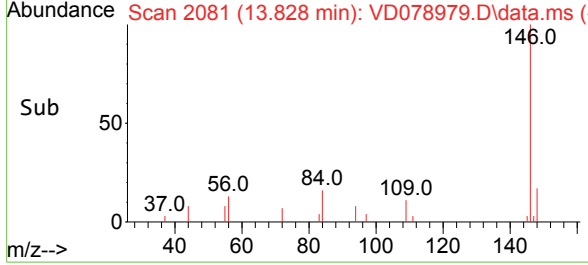
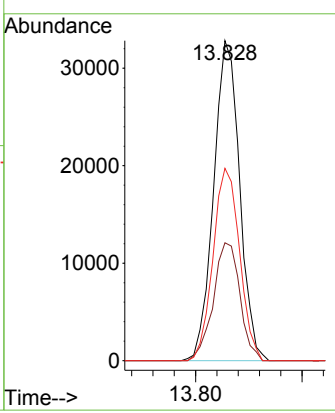
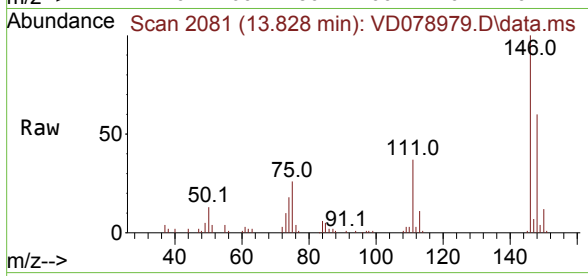




#91
 1,2-Dichlorobenzene
 Concen: 20.359 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

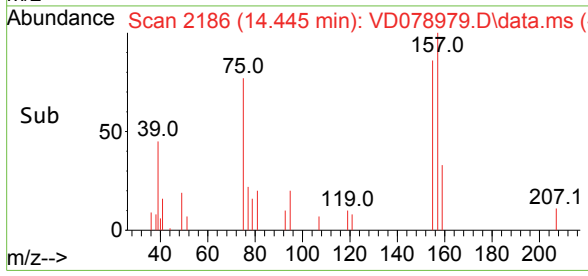
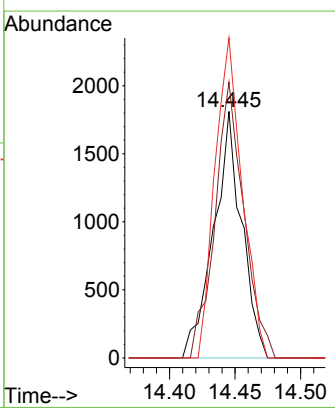
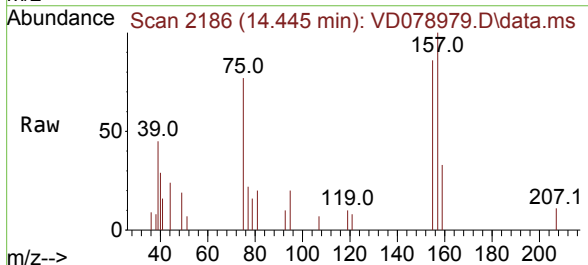
Instrument :
 MSVOA_D
 ClientSampleId :

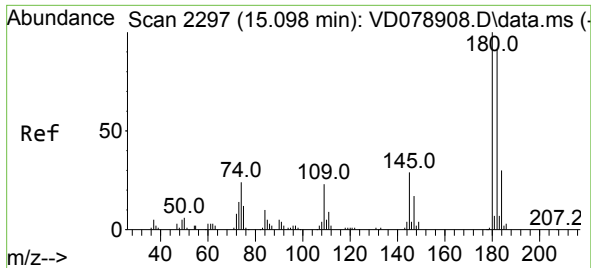
Tgt Ion:	146	Resp:	55463
Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	61.4	31.1	93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.138 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

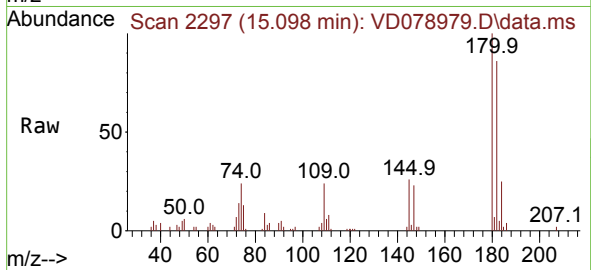
Tgt Ion:	75	Resp:	2689
Ion	Ratio	Lower	Upper
75	100		
155	115.7	47.7	143.1
157	126.6	63.4	190.2



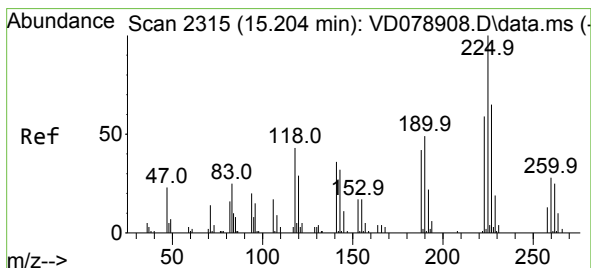
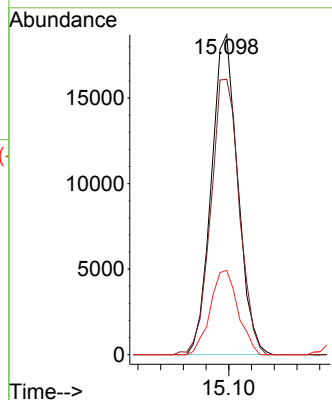
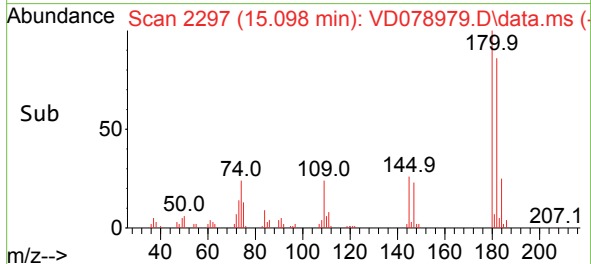


#93
 1,2,4-Trichlorobenzene
 Concen: 18.854 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06

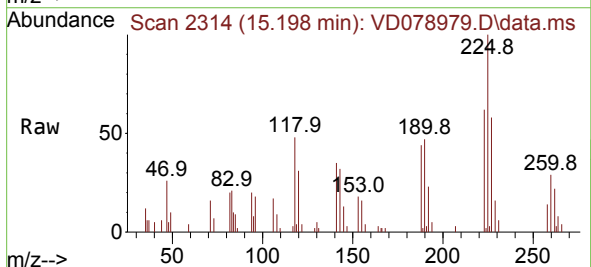
Instrument :
 MSVOA_D
 ClientSampleId :



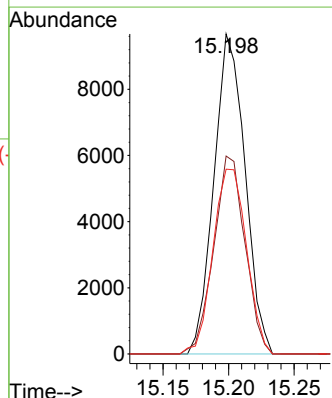
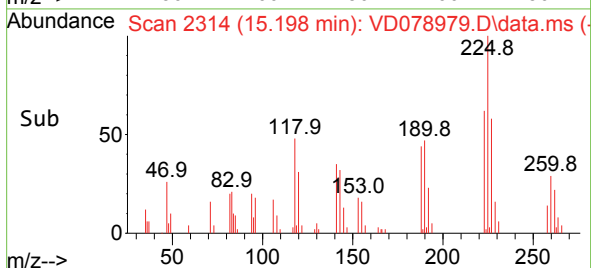
Tgt Ion:180 Resp: 30158
 Ion Ratio Lower Upper
 180 100
 182 92.9 46.9 140.7
 145 27.8 14.0 41.9

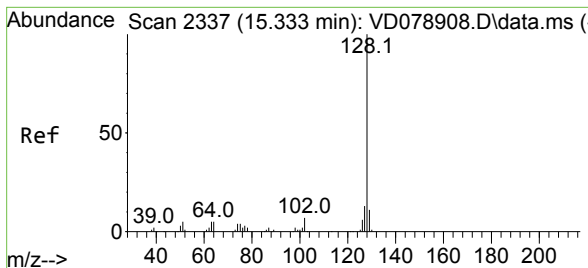


#94
 Hexachlorobutadiene
 Concen: 19.089 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078979.D
 Acq: 22 May 2024 15:06



Tgt Ion:225 Resp: 15957
 Ion Ratio Lower Upper
 225 100
 223 62.2 33.3 99.9
 227 62.4 33.6 100.6





#95

Naphthalene

Concen: 19.793 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078979.D

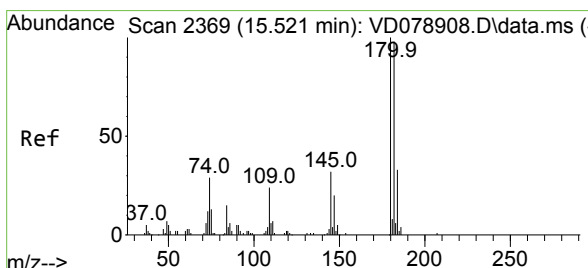
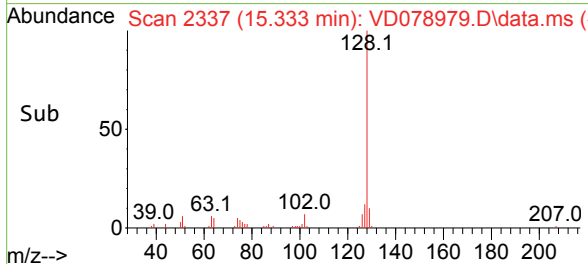
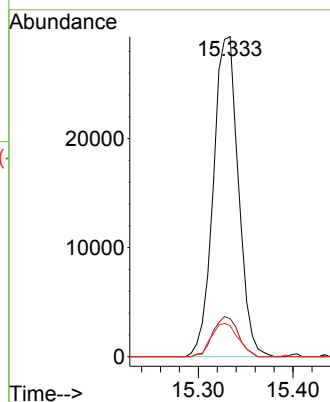
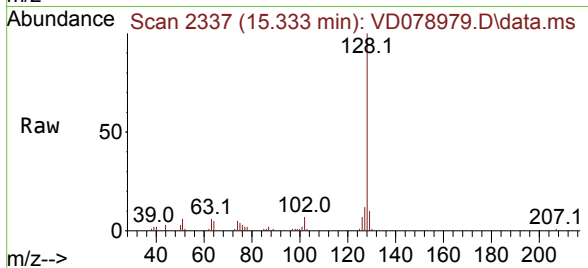
Acq: 22 May 2024 15:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp: 53930
Ion Ratio	Lower Upper
128 100	
127 11.8	10.2 15.4
129 9.7	8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.051 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078979.D

Acq: 22 May 2024 15:06

Tgt Ion:180	Resp: 27108
Ion Ratio	Lower Upper
180 100	
182 91.0	47.8 143.3
145 30.1	16.1 48.2

