

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078381.D
 Acq On : 08 Feb 2024 20:46
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89079	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	162932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	158992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53400	48.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.840%		
35) Dibromofluoromethane	7.804	113	54139	46.673	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.340%		
50) Toluene-d8	10.269	98	194705	44.335	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.680%		
62) 4-Bromofluorobenzene	12.569	95	61659	46.883	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	53703	58.069	ug/l	99
3) Chloromethane	2.152	50	118860	64.143	ug/l	100
4) Vinyl Chloride	2.275	62	151132	61.829	ug/l	95
5) Bromomethane	2.681	94	75043	50.712	ug/l	100
6) Chloroethane	2.828	64	108688	64.376	ug/l	96
7) Trichlorofluoromethane	3.164	101	116349	56.222	ug/l	97
8) Diethyl Ether	3.593	74	41328	67.508	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	70282	55.338	ug/l	94
10) Methyl Iodide	4.152	142	67332	58.281	ug/l	# 85
11) Tert butyl alcohol	5.069	59	23830	338.786	ug/l	99
12) 1,1-Dichloroethene	3.940	96	68684	56.047	ug/l	90
13) Acrolein	3.793	56	16943	202.660	ug/l	96
14) Allyl chloride	4.558	41	95716	59.241	ug/l	# 89
15) Acrylonitrile	5.258	53	89608	331.151	ug/l	98
16) Acetone	4.028	43	70284	273.267	ug/l	# 83
17) Carbon Disulfide	4.263	76	235803	56.997	ug/l	# 93
18) Methyl Acetate	4.569	43	44793	76.210	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	179313	70.357	ug/l	100
20) Methylene Chloride	4.799	84	105005	80.323	ug/l	# 86
21) trans-1,2-Dichloroethene	5.310	96	85096	61.414	ug/l	95
22) Diisopropyl ether	6.216	45	228301	66.406	ug/l	94
23) Vinyl Acetate	6.157	43	689735	328.835	ug/l	# 91
24) 1,1-Dichloroethane	6.110	63	147345	61.909	ug/l	97
25) 2-Butanone	7.081	43	112233	305.435	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	106419	54.738	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	98506	64.145	ug/l	94
28) Bromochloromethane	7.428	49	39505	46.537	ug/l	# 77
29) Tetrahydrofuran	7.446	42	70863	360.488	ug/l	86
30) Chloroform	7.593	83	161076	66.192	ug/l	97
31) Cyclohexane	7.875	56	112623	54.532	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	129040	61.529	ug/l	98
36) 1,1-Dichloropropene	8.004	75	113501	59.007	ug/l	96
37) Ethyl Acetate	7.169	43	48778	65.888	ug/l	96
38) Carbon Tetrachloride	7.987	117	115379	61.005	ug/l	97
39) Methylcyclohexane	9.275	83	133023	58.492	ug/l	92
40) Benzene	8.251	78	346002	61.650	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	26230	65.903	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	94084	64.634	ug/l	95
43) Isopropyl Acetate	8.363	43	93407	70.369	ug/l #	90
44) Trichloroethene	9.028	130	84410	61.249	ug/l	88
45) 1,2-Dichloropropane	9.304	63	86951	63.365	ug/l	94
46) Dibromomethane	9.393	93	49737	65.326	ug/l	89
47) Bromodichloromethane	9.581	83	125129	66.799	ug/l	96
48) Methyl methacrylate	9.381	41	45929	72.410	ug/l #	76
49) 1,4-Dioxane	9.381	88	13083	1531.847	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	260014	362.104	ug/l	90
52) Toluene	10.334	92	217685	63.945	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	113982	65.145	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	135428	65.380	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	68094	68.537	ug/l	92
56) Ethyl methacrylate	10.593	69	81448	72.274	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	119324	69.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	130275	254.203	ug/l	94
59) 2-Hexanone	10.922	43	183479	339.276	ug/l	87
60) Dibromochloromethane	11.069	129	81867	70.983	ug/l	98
61) 1,2-Dibromoethane	11.181	107	63324	67.507	ug/l	96
64) Tetrachloroethene	10.804	164	71207	64.213	ug/l	95
65) Chlorobenzene	11.604	112	233794	61.464	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	86778	64.076	ug/l	96
67) Ethyl Benzene	11.681	91	428107	62.133	ug/l	96
68) m/p-Xylenes	11.792	106	331469	125.044	ug/l	88
69) o-Xylene	12.116	106	156553	64.264	ug/l	88
70) Styrene	12.134	104	275103	66.127	ug/l	95
71) Bromoform	12.298	173	48068	72.066	ug/l #	99
73) Isopropylbenzene	12.422	105	393768	58.123	ug/l	95
74) N-amyl acetate	12.234	43	91564	65.348	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	82509	63.065	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	99176	118.503	ug/l #	100
77) Bromobenzene	12.698	156	91606	61.445	ug/l	84
78) n-propylbenzene	12.763	91	493908	58.525	ug/l	95
79) 2-Chlorotoluene	12.851	91	274857	60.840	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	337157	61.174	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	24685	58.661	ug/l	92
82) 4-Chlorotoluene	12.945	91	289287	60.065	ug/l	92
83) tert-Butylbenzene	13.163	119	271762	57.788	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	342334	61.393	ug/l	96
85) sec-Butylbenzene	13.345	105	436461	59.135	ug/l	95
86) p-Isopropyltoluene	13.457	119	367777	60.837	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	189376	61.144	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	190789	62.260	ug/l	98
89) n-Butylbenzene	13.786	91	346014	58.738	ug/l	96
90) Hexachloroethane	14.051	117	71161	58.934	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	168182	63.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	11758	64.112	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	95922	62.586	ug/l	96
94) Hexachlorobutadiene	15.198	225	44361	59.068	ug/l	97
95) Naphthalene	15.328	128	209509	68.560	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	89173	66.079	ug/l	99

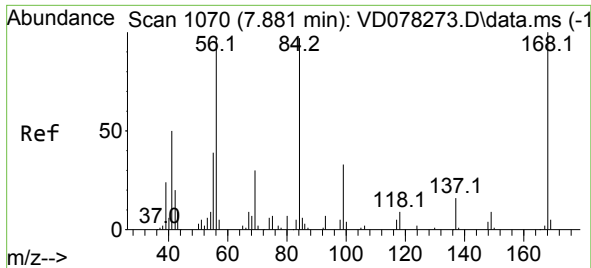
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

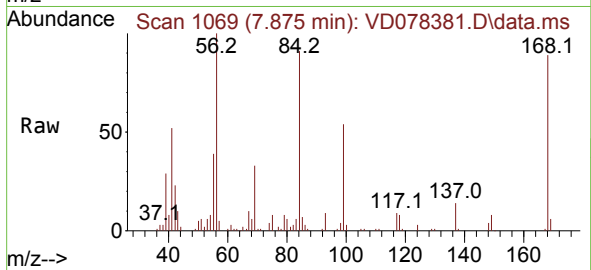
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

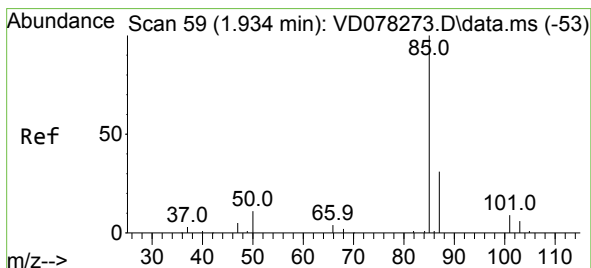
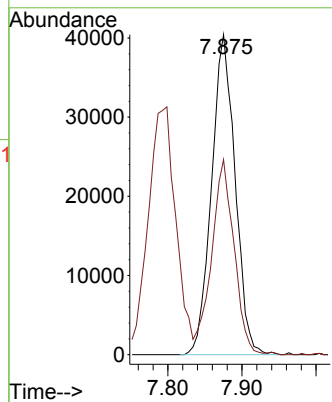
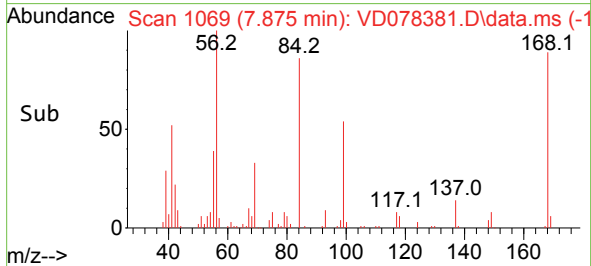


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

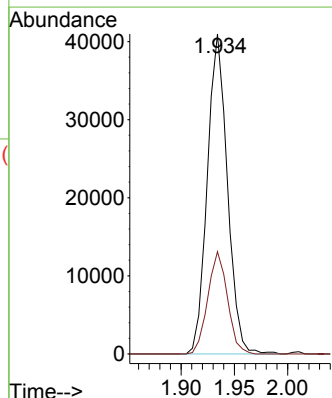
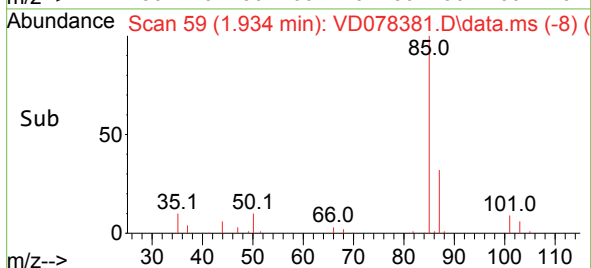
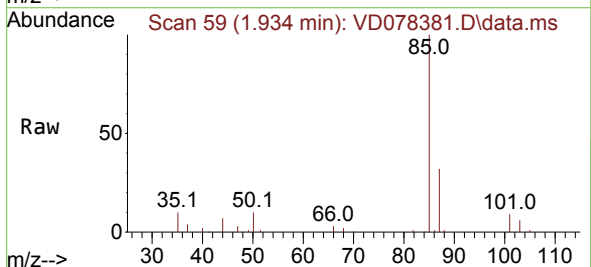


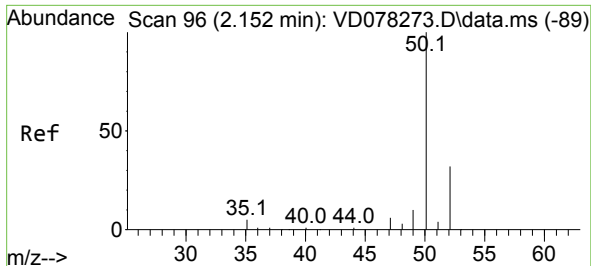
Tgt Ion:168 Resp: 89079
Ion Ratio Lower Upper
168 100
99 61.0 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 58.069 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 85 Resp: 53703
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

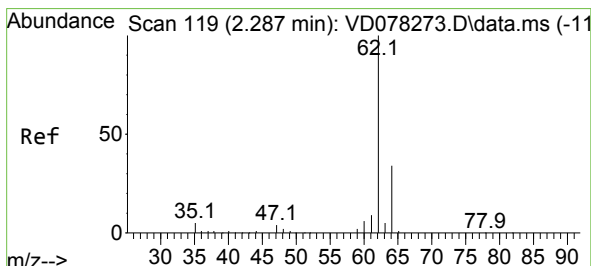
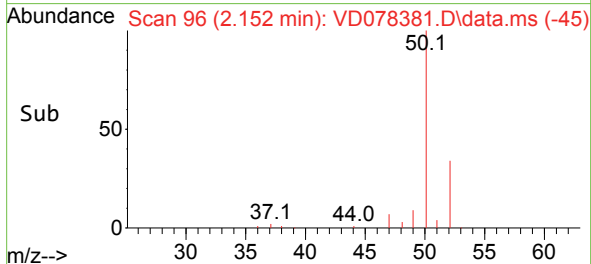
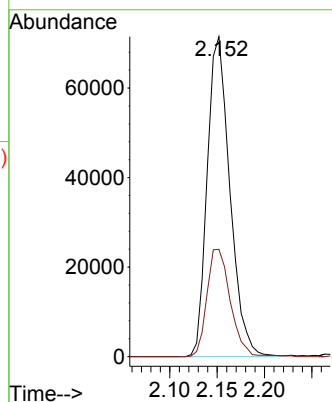
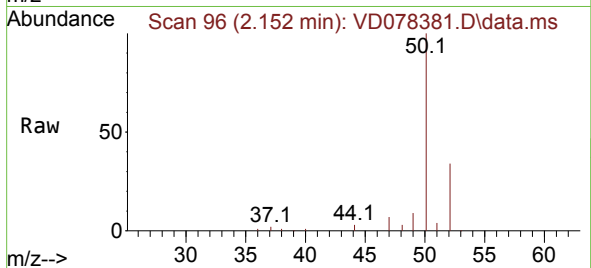




#3
Chloromethane
Concen: 64.143 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

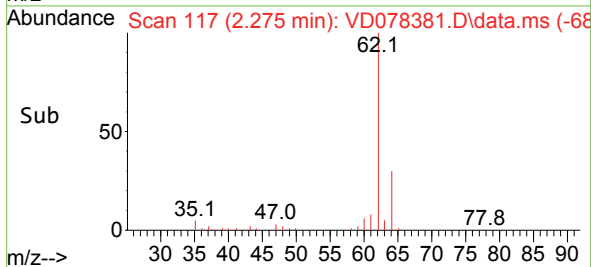
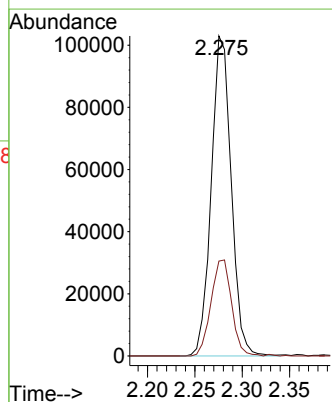
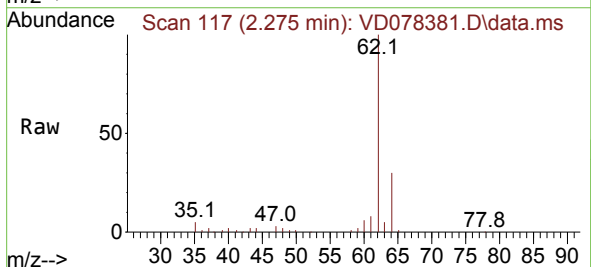
Instrument :
MSVOA_D
ClientSampleId :

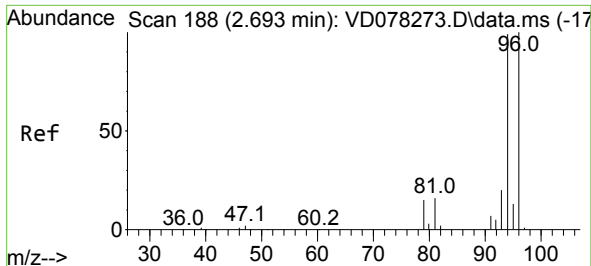
Tgt Ion: 50 Resp: 118860
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 61.829 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 62 Resp: 151132
Ion Ratio Lower Upper
62 100
64 29.6 26.0 39.0





#5

Bromomethane

Concen: 50.712 ug/l

RT: 2.681 min Scan# 186

Delta R.T. -0.012 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

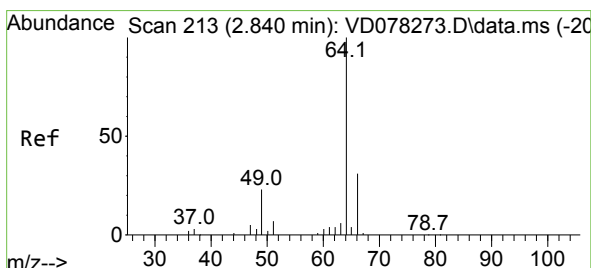
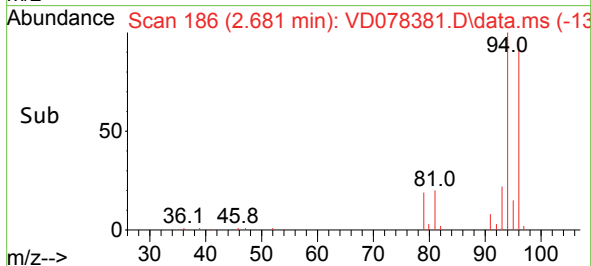
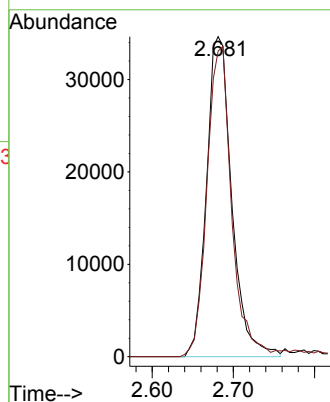
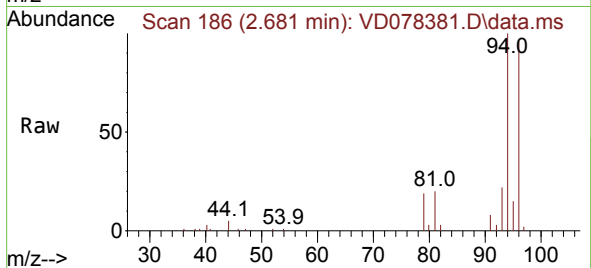
ClientSampleId :

Tgt Ion: 94 Resp: 75043

Ion Ratio Lower Upper

94 100

96 94.5 75.8 113.8



#6

Chloroethane

Concen: 64.376 ug/l

RT: 2.828 min Scan# 211

Delta R.T. -0.012 min

Lab File: VD078381.D

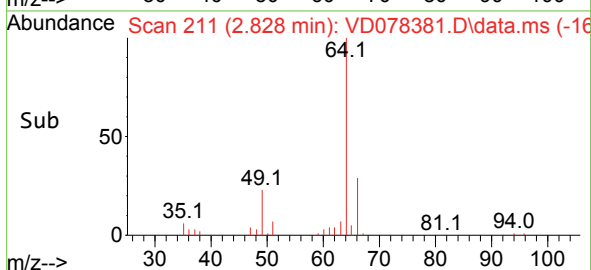
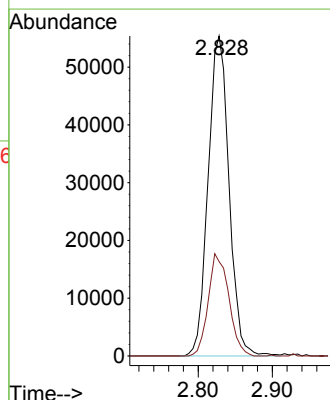
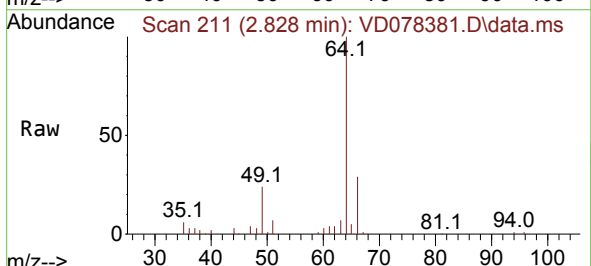
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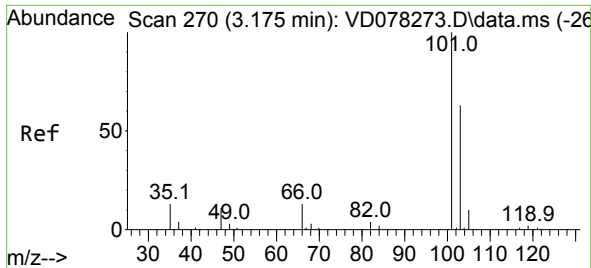
Tgt Ion: 64 Resp: 108688

Ion Ratio Lower Upper

64 100

66 29.5 25.5 38.3

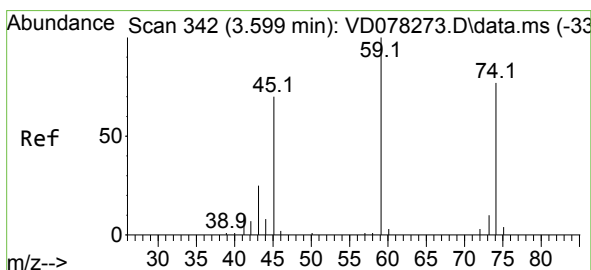
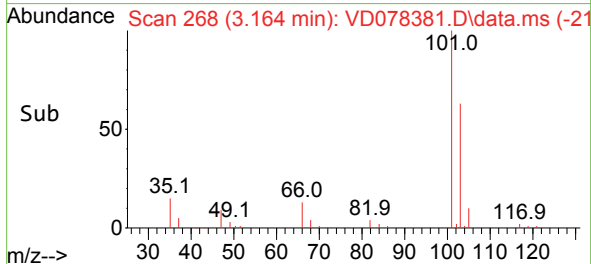
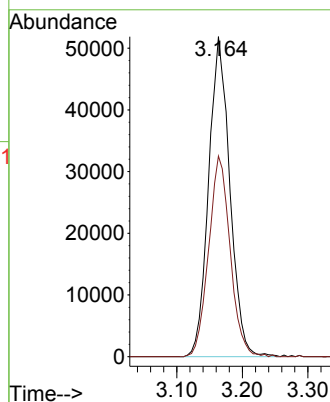
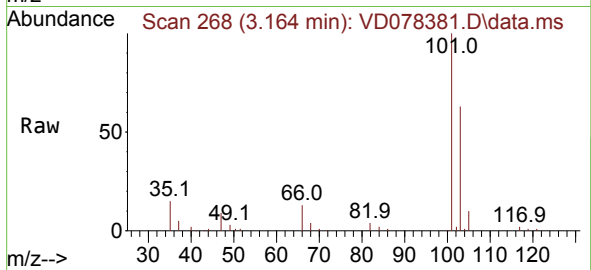




#7
Trichlorofluoromethane
Concen: 56.222 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

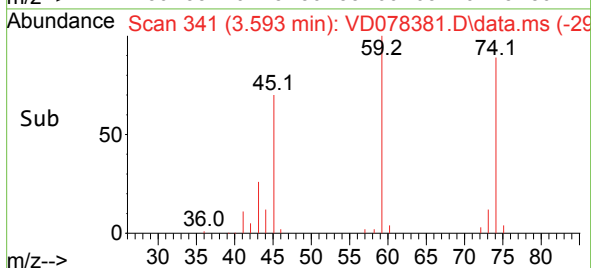
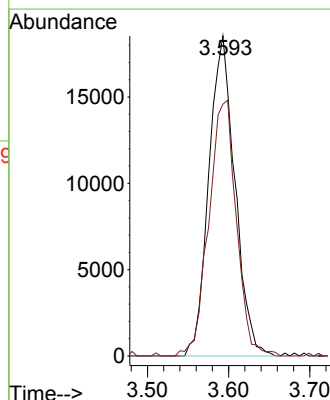
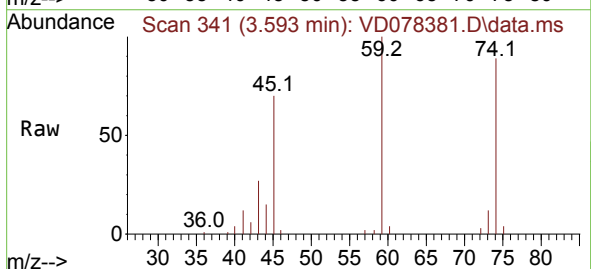
Instrument :
MSVOA_D
ClientSampleId :

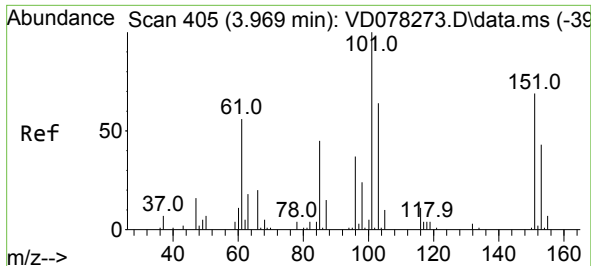
Tgt Ion:101 Resp: 116349
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5



#8
Diethyl Ether
Concen: 67.508 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 74 Resp: 41328
Ion Ratio Lower Upper
74 100
45 84.6 37.5 112.7

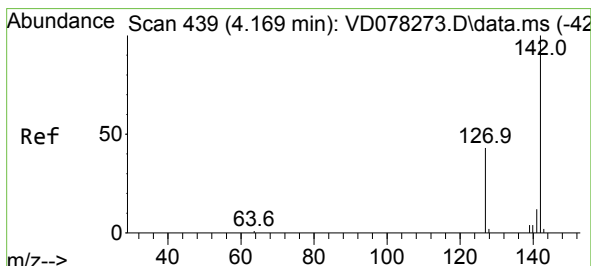
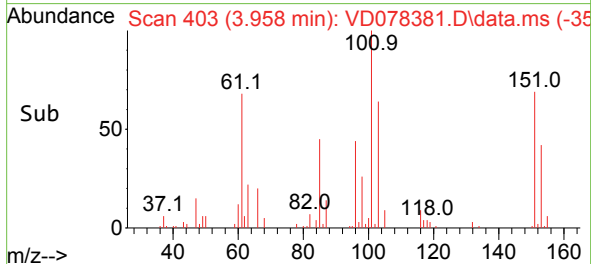
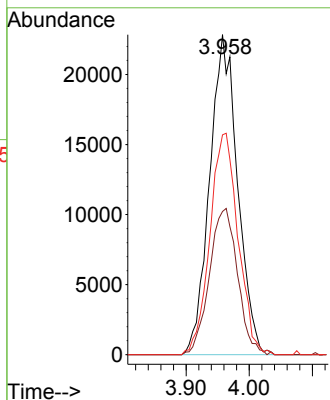
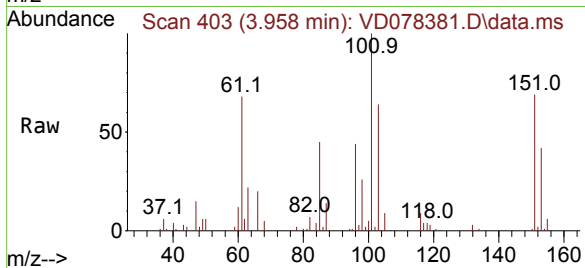




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.338 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078381.D
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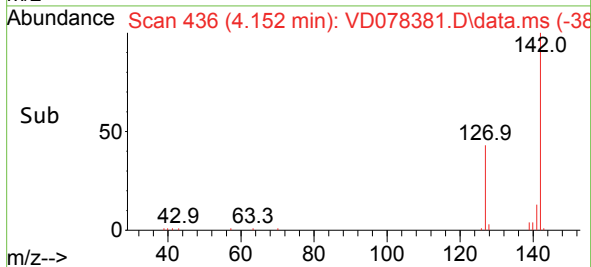
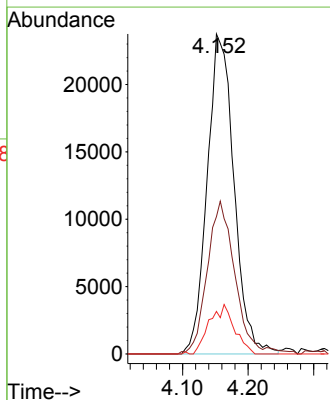
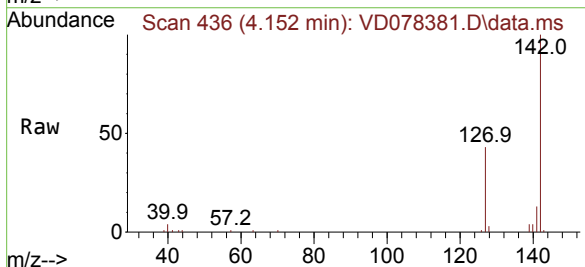
Instrument :
MSVOA_D
ClientSampleId :

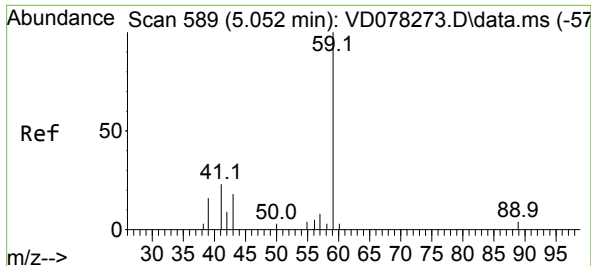
Tgt Ion:101 Resp: 70282
Ion Ratio Lower Upper
101 100
85 46.0 33.8 50.6
151 69.9 59.8 89.6



#10
Methyl Iodide
Concen: 58.281 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.018 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

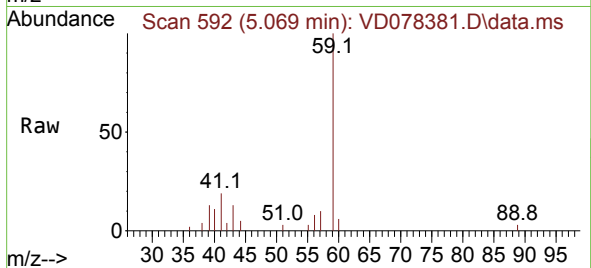
Tgt Ion:142 Resp: 67332
Ion Ratio Lower Upper
142 100
127 48.3 29.4 44.0#
141 14.5 11.1 16.7



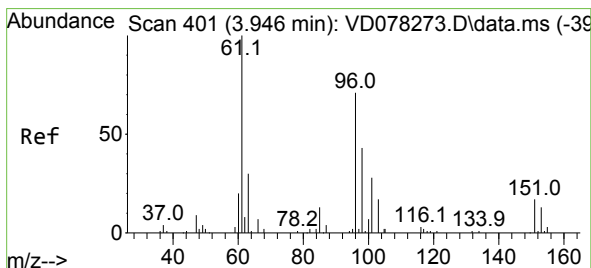
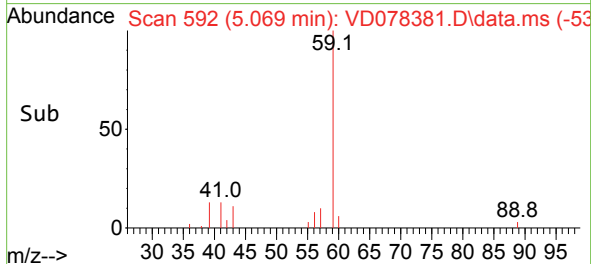
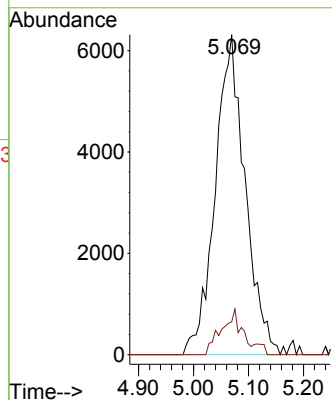


#11
Tert butyl alcohol
Concen: 338.786 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

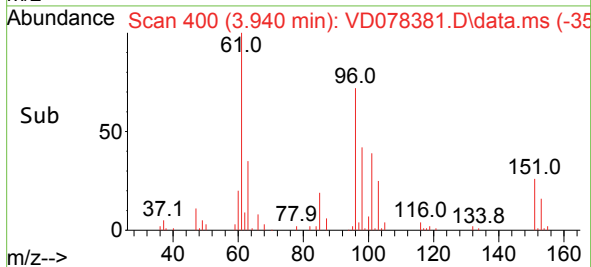
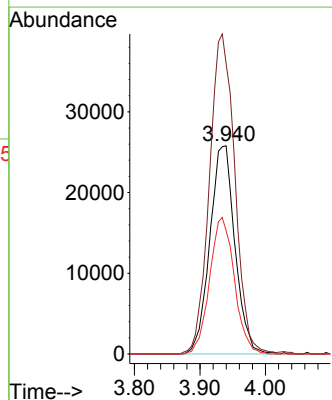
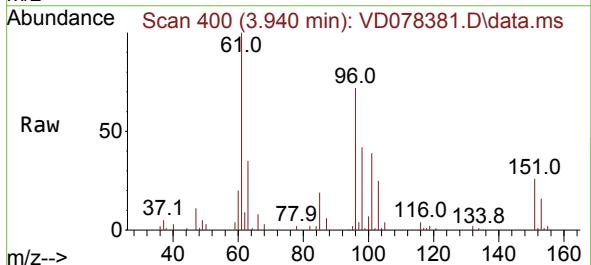


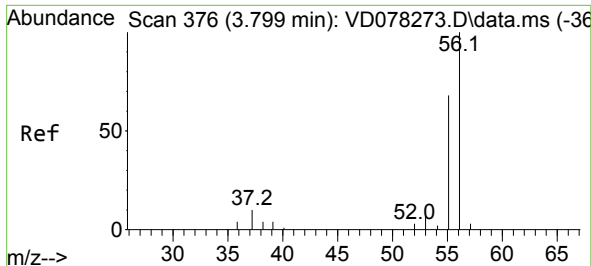
Tgt Ion: 59 Resp: 23830
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 56.047 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 96 Resp: 68684
Ion Ratio Lower Upper
96 100
61 139.5 100.6 150.8
98 59.2 50.2 75.2





#13

Acrolein

Concen: 202.660 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

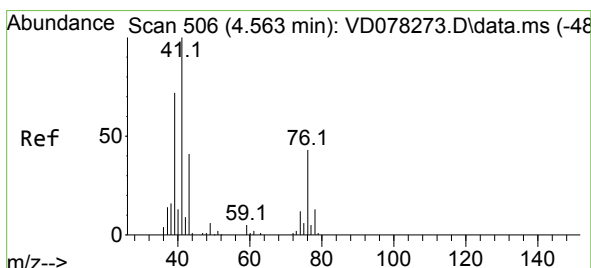
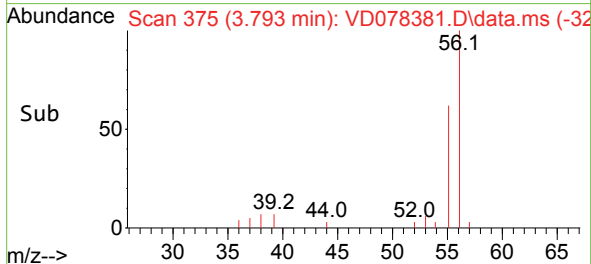
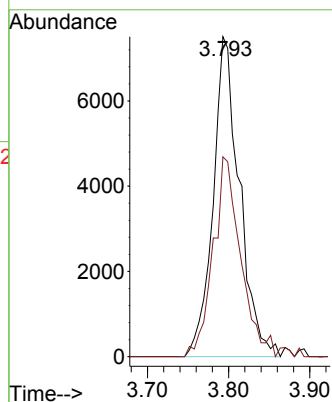
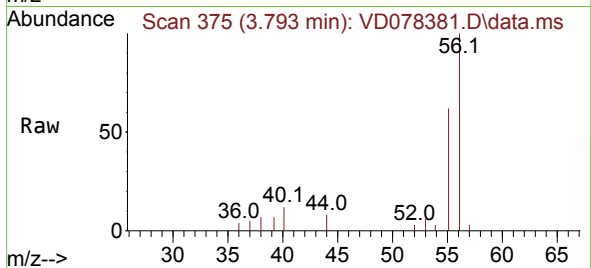
ClientSampleId :

Tgt Ion: 56 Resp: 16943

Ion Ratio Lower Upper

56 100

55 65.5 55.1 82.7



#14

Allyl chloride

Concen: 59.241 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

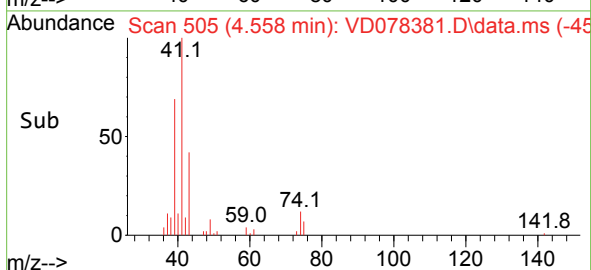
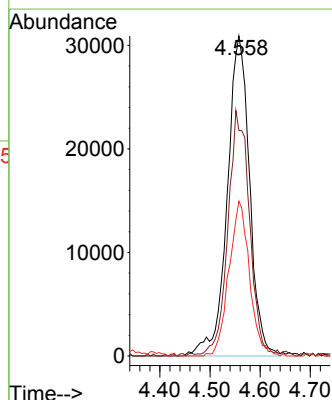
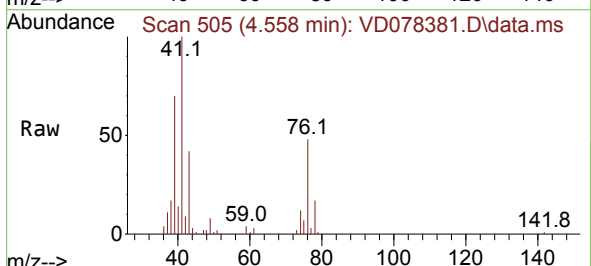
Tgt Ion: 41 Resp: 95716

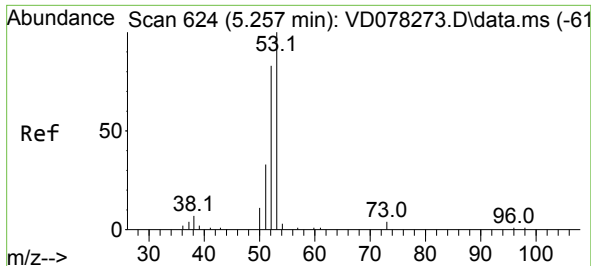
Ion Ratio Lower Upper

41 100

39 71.9 53.8 80.6

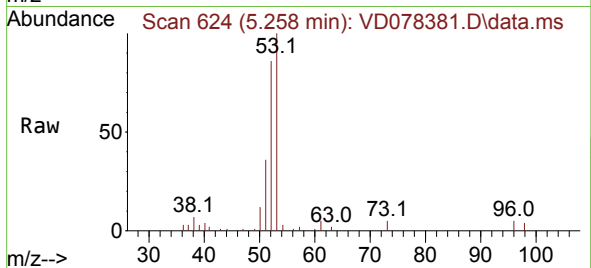
76 44.5 45.8 68.8#



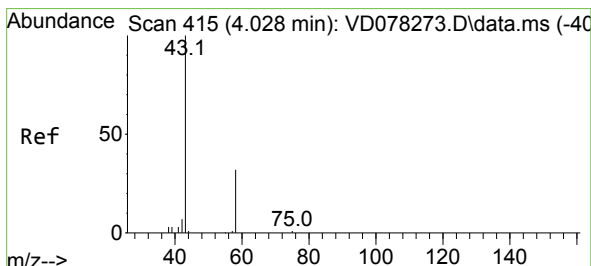
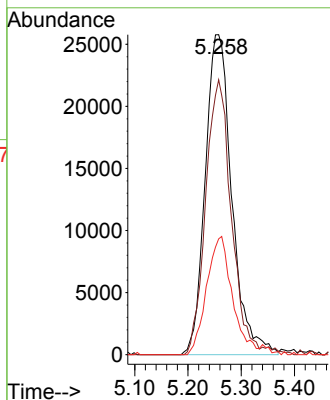
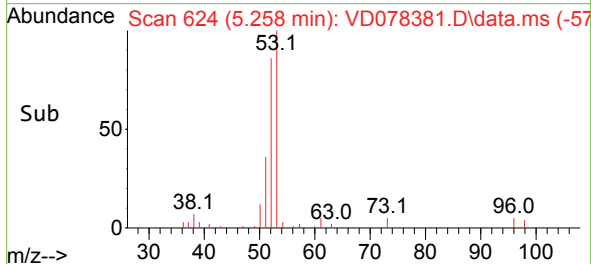


#15
Acrylonitrile
Concen: 331.151 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

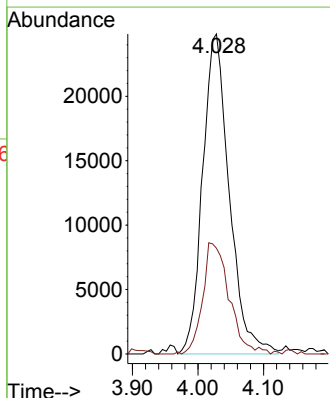
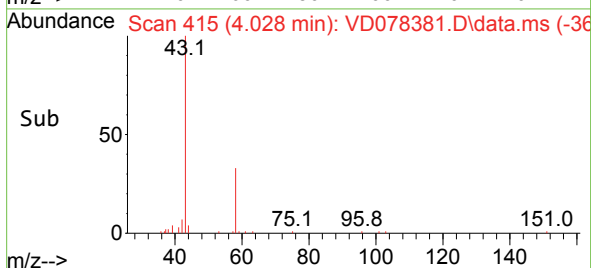
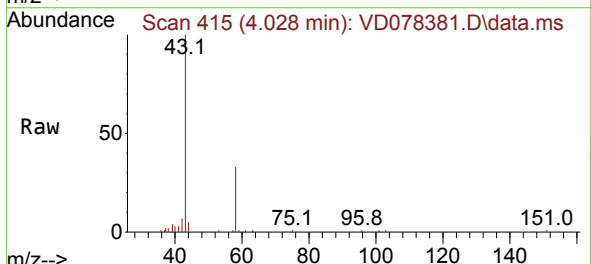


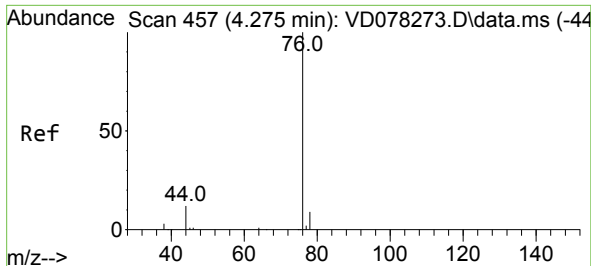
Tgt Ion:	53	Resp:	89608
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	35.6	28.3	42.5



#16
Acetone
Concen: 273.267 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

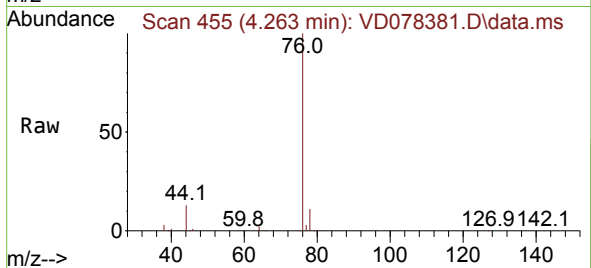
Tgt Ion:	43	Resp:	70284
Ion	Ratio	Lower	Upper
43	100		
58	32.5	34.7	52.1#



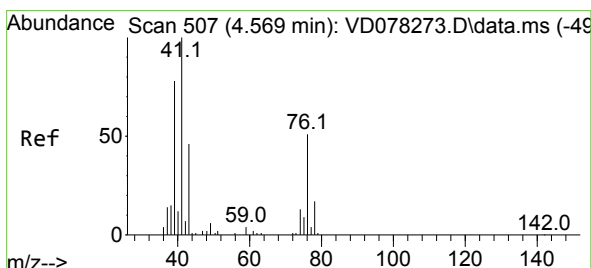
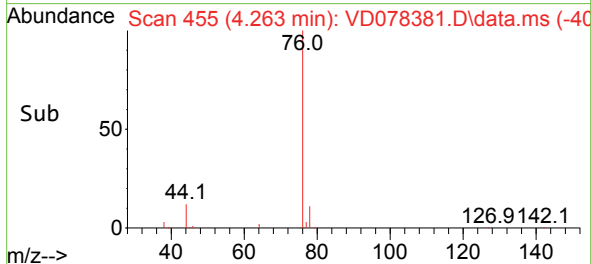
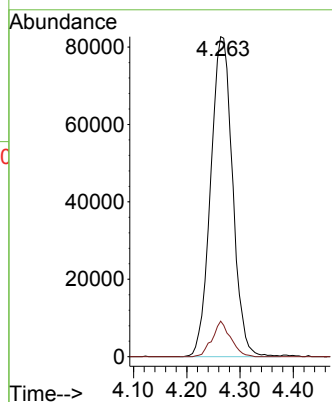


#17
Carbon Disulfide
Concen: 56.997 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

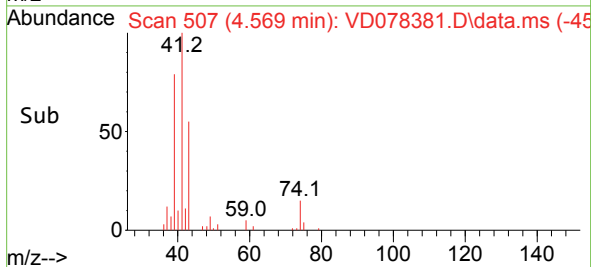
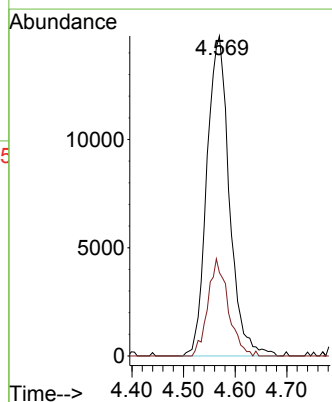
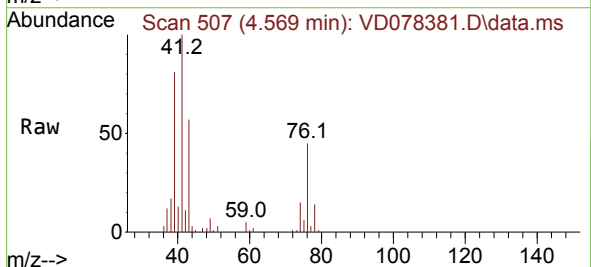


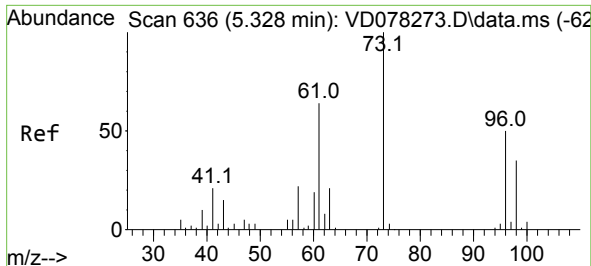
Tgt Ion: 76 Resp: 235803
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#



#18
Methyl Acetate
Concen: 76.210 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 43 Resp: 44793
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 70.357 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

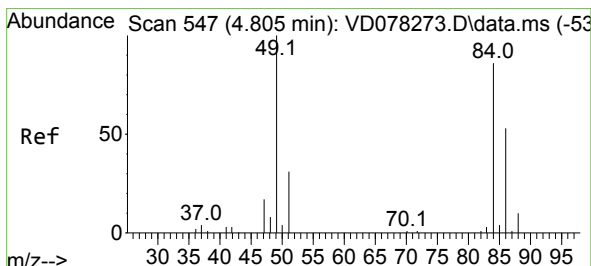
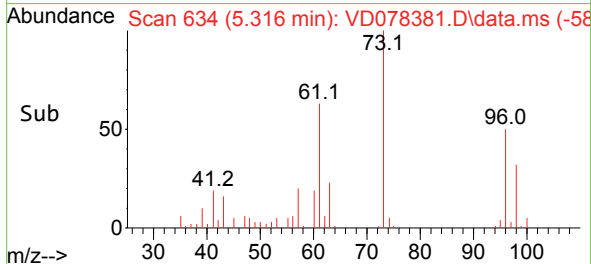
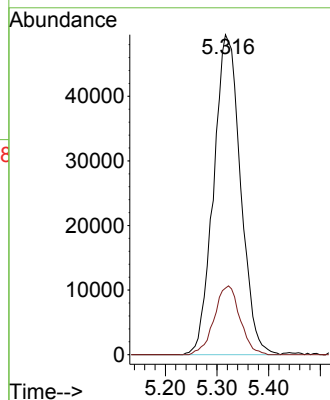
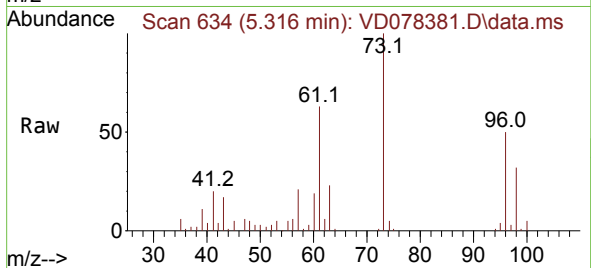
ClientSampleId :

Tgt Ion: 73 Resp: 179313

Ion Ratio Lower Upper

73 100

57 20.8 16.6 25.0



#20

Methylene Chloride

Concen: 80.323 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Tgt Ion: 84 Resp: 105005

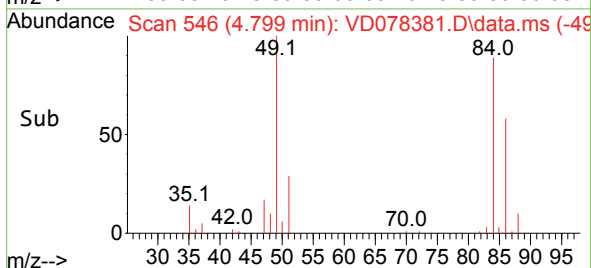
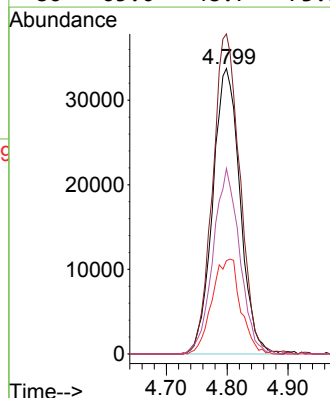
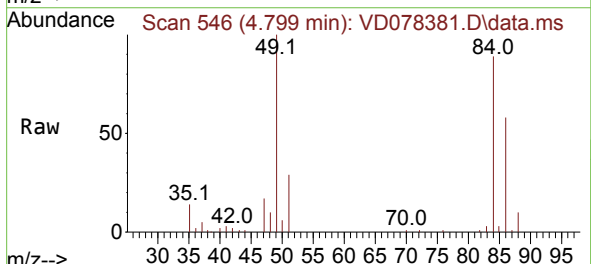
Ion Ratio Lower Upper

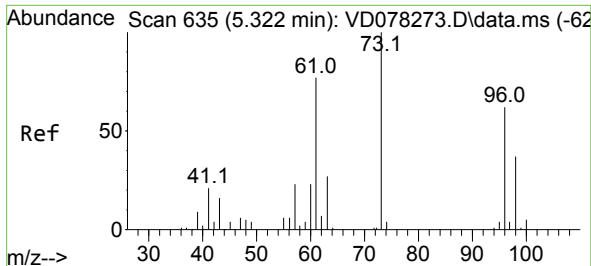
84 100

49 112.1 71.4 107.2#

51 32.7 24.5 36.7

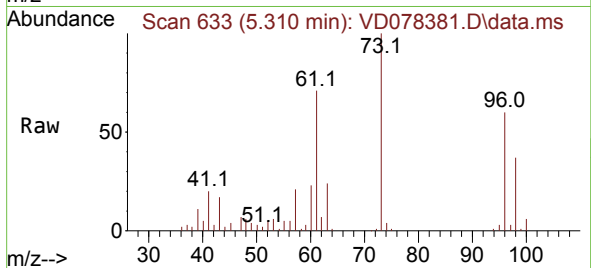
86 65.0 48.7 73.1



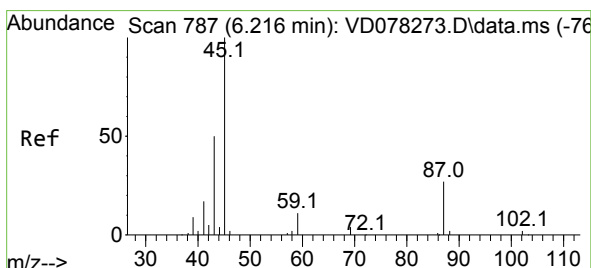
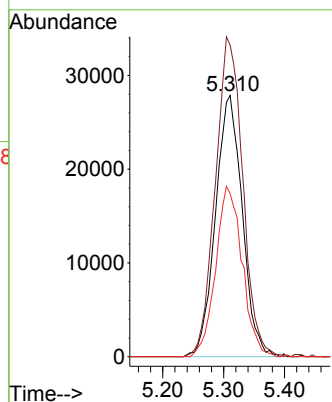
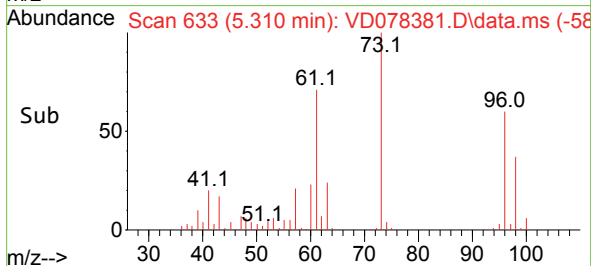


#21
trans-1,2-Dichloroethene
Concen: 61.414 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

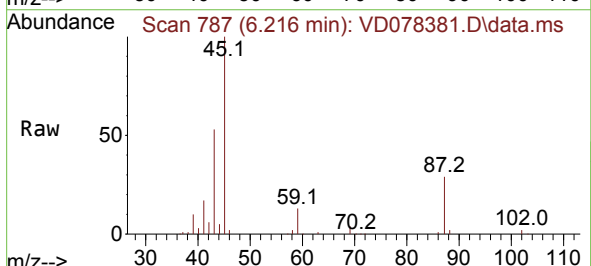
Instrument :
MSVOA_D
ClientSampleId :



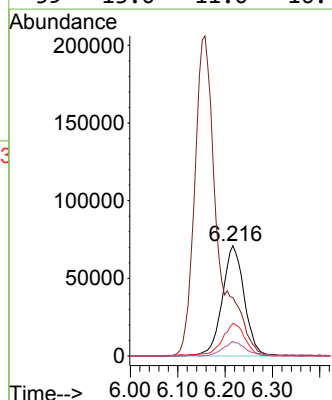
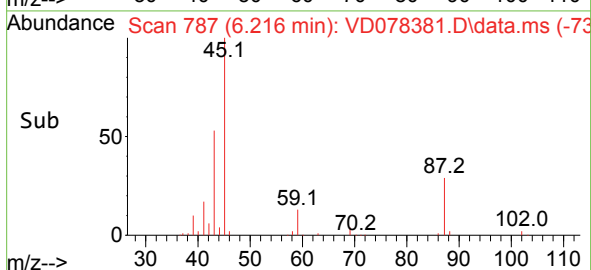
Tgt Ion: 96 Resp: 85096
Ion Ratio Lower Upper
96 100
61 119.3 89.3 133.9
98 62.4 48.6 73.0

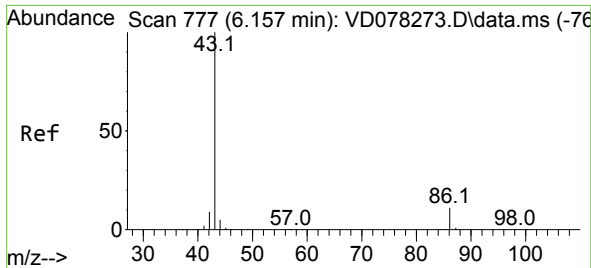


#22
Diisopropyl ether
Concen: 66.406 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46



Tgt Ion: 45 Resp: 228301
Ion Ratio Lower Upper
45 100
43 52.2 40.0 60.0
87 29.2 28.2 42.4
59 13.0 11.0 16.4

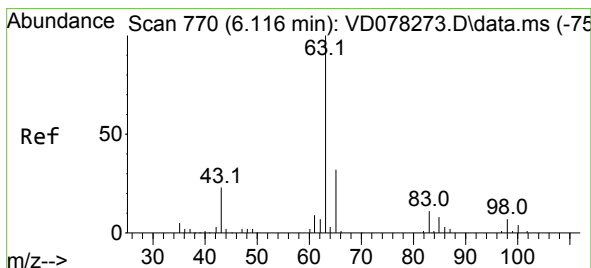
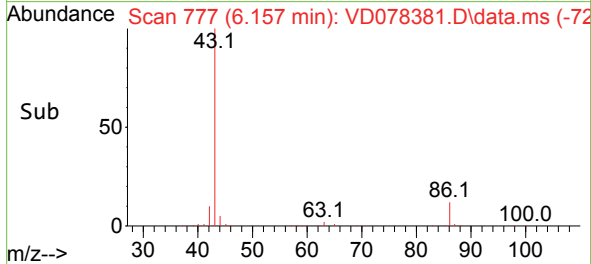
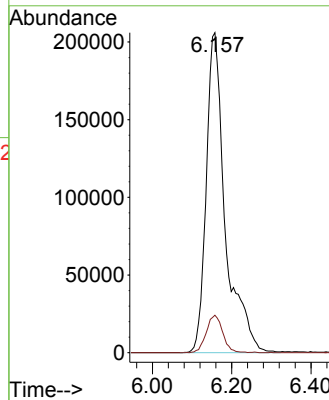
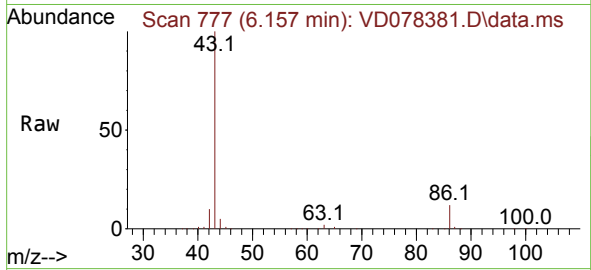




#23
 Vinyl Acetate
 Concen: 328.835 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

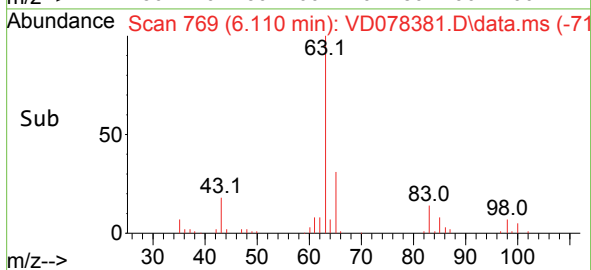
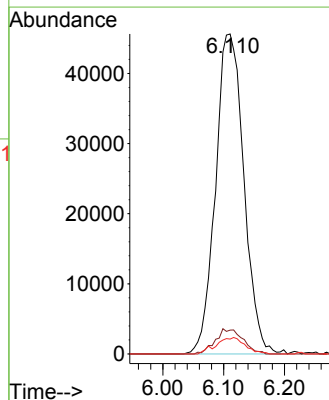
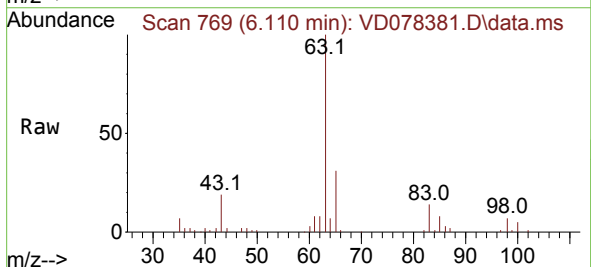
Instrument :
 MSVOA_D
 ClientSampleId :

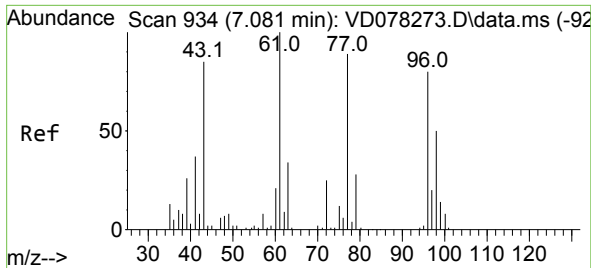
Tgt Ion: 43 Resp: 689735
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 61.909 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

Tgt Ion: 63 Resp: 147345
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 4.7 2.5 7.5

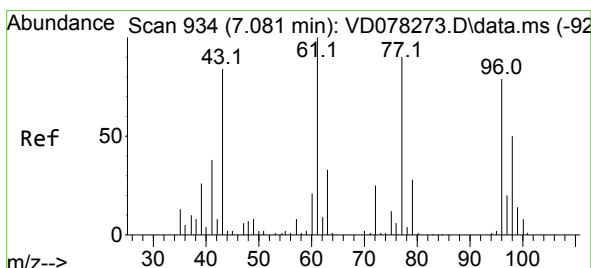
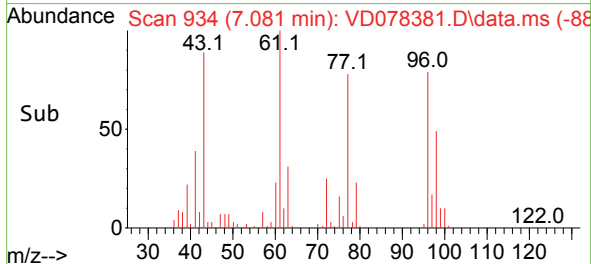
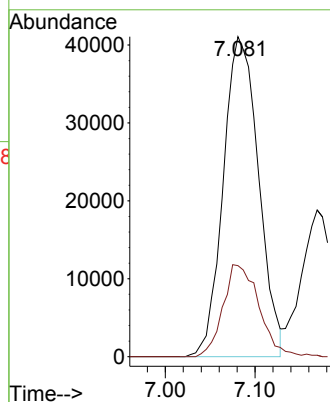
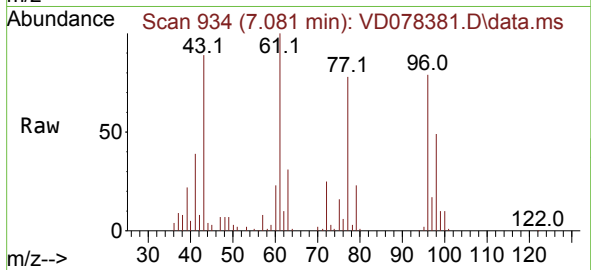




#25
2-Butanone
Concen: 305.435 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

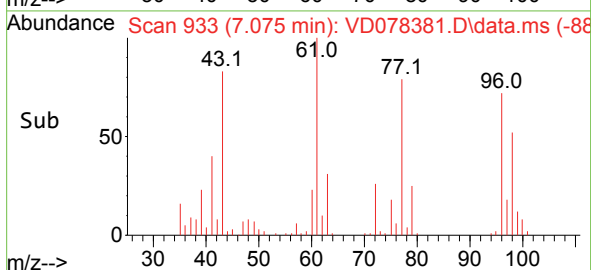
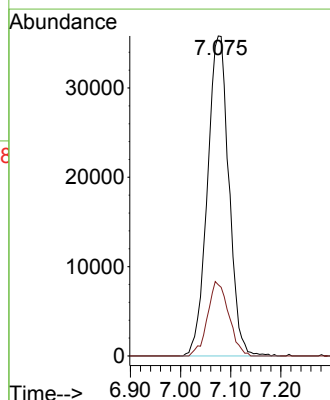
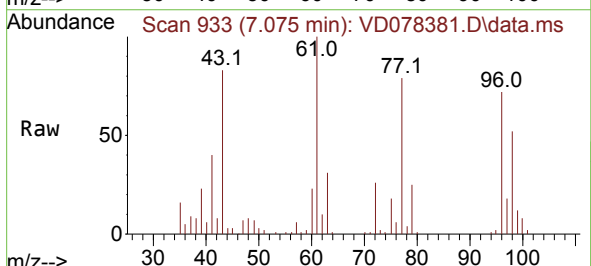
Instrument :
MSVOA_D
ClientSampleId :

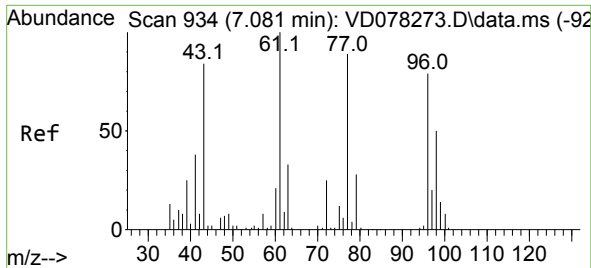
Tgt Ion: 43 Resp: 112233
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 54.738 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 77 Resp: 106419
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6

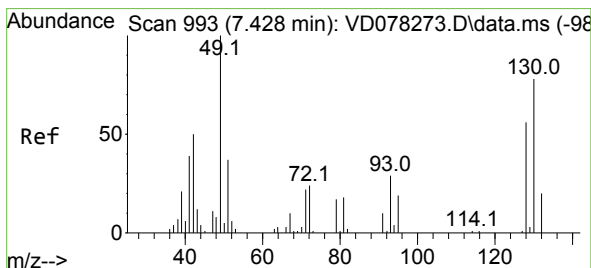
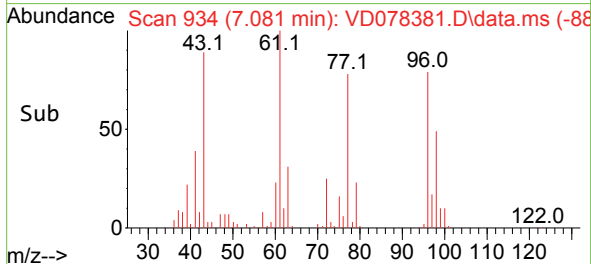
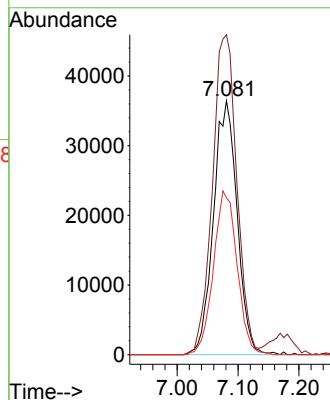
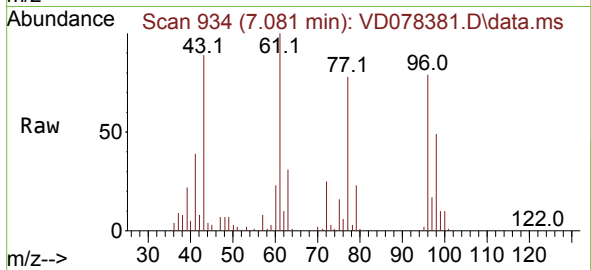




#27
 cis-1,2-Dichloroethene
 Concen: 64.145 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

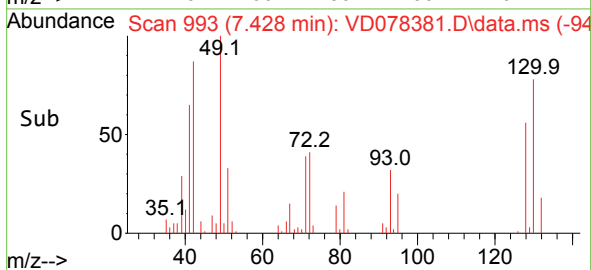
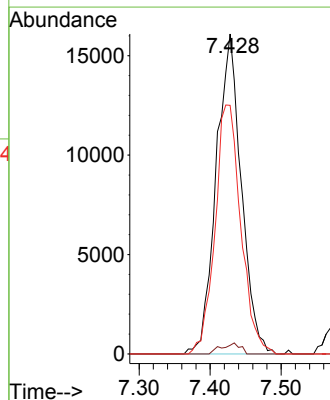
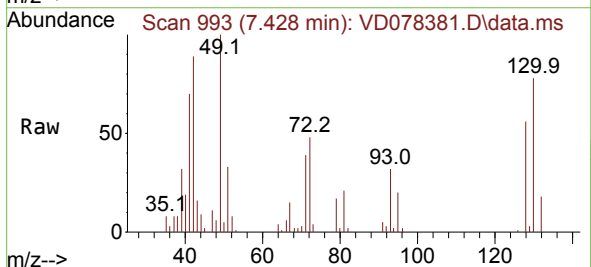
Instrument :
 MSVOA_D
 ClientSampleId :

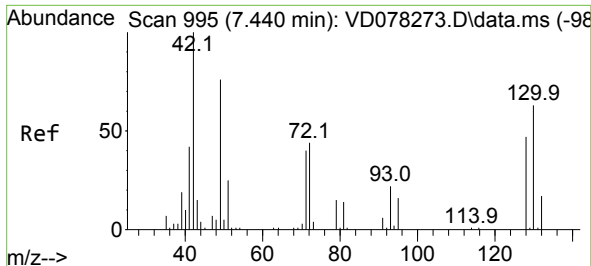
Tgt Ion: 96 Resp: 98506
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 239.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.537 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

Tgt Ion: 49 Resp: 39505
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 79.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 360.488 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :

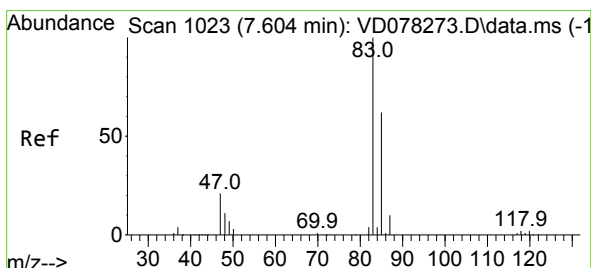
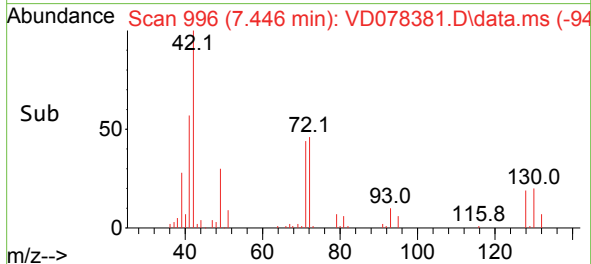
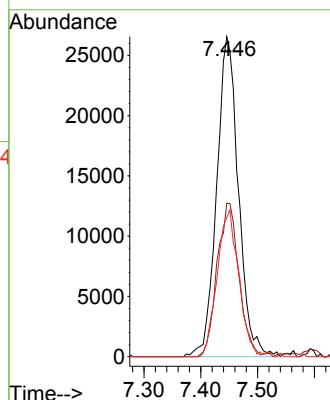
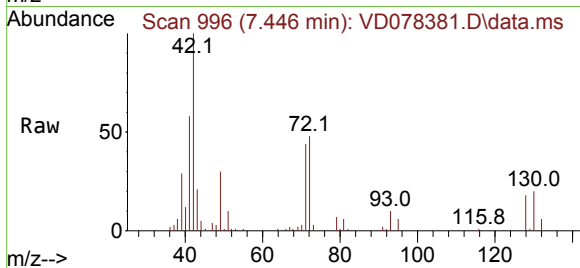
Tgt Ion: 42 Resp: 70863

Ion Ratio Lower Upper

42 100

72 47.7 46.5 69.7

71 45.8 44.5 66.7



#30

Chloroform

Concen: 66.192 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078381.D

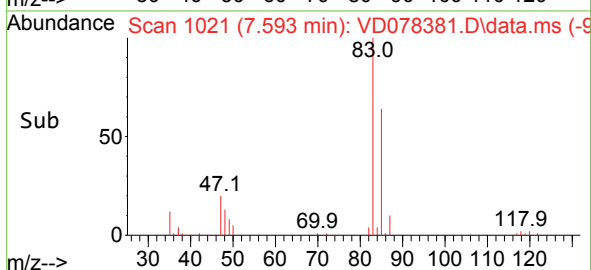
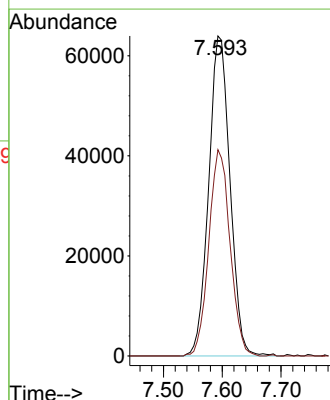
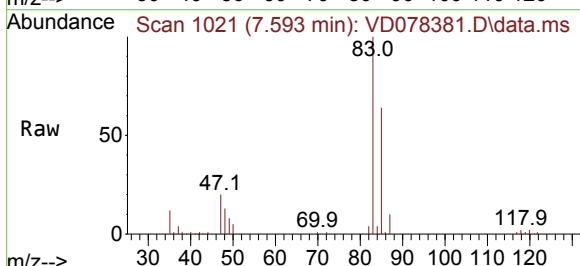
Acq: 08 Feb 2024 20:46

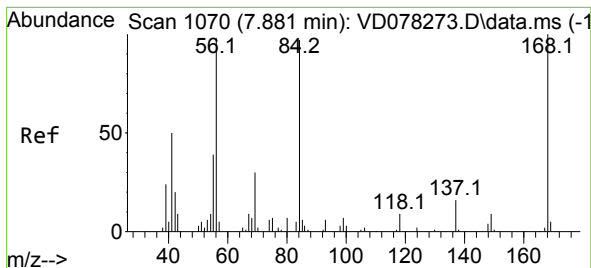
Tgt Ion: 83 Resp: 161076

Ion Ratio Lower Upper

83 100

85 64.4 53.4 80.2





#31

Cyclohexane

Concen: 54.532 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :

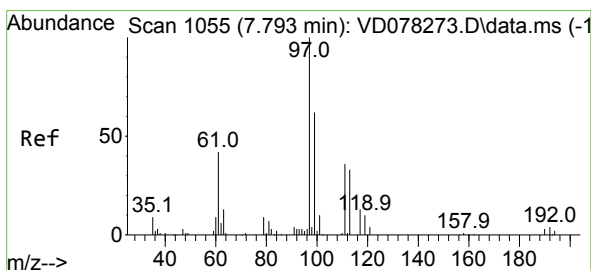
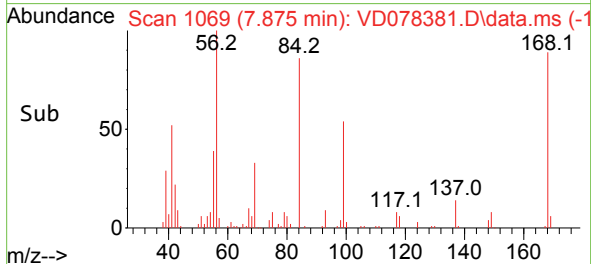
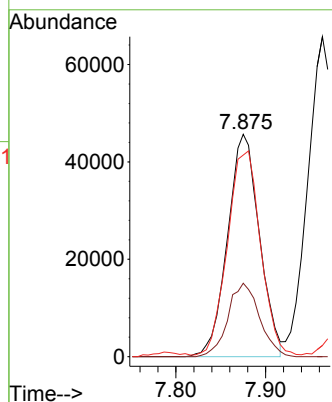
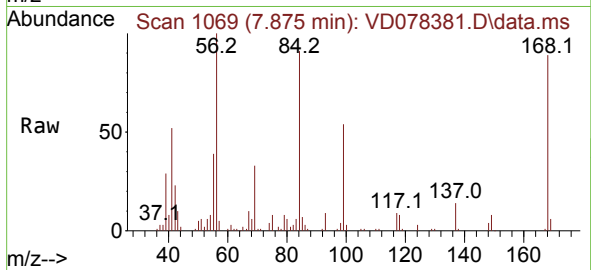
Tgt Ion: 56 Resp: 112623

Ion Ratio Lower Upper

56 100

69 33.0 28.6 43.0

84 89.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 61.529 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

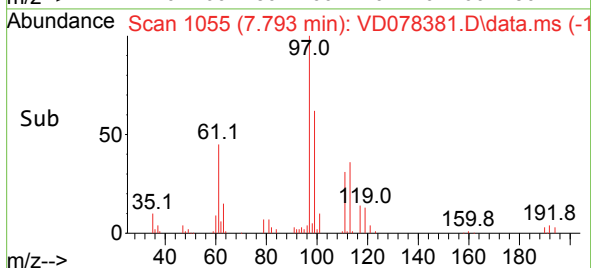
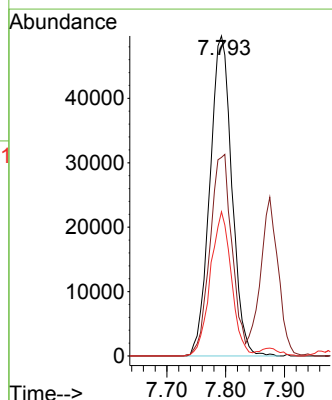
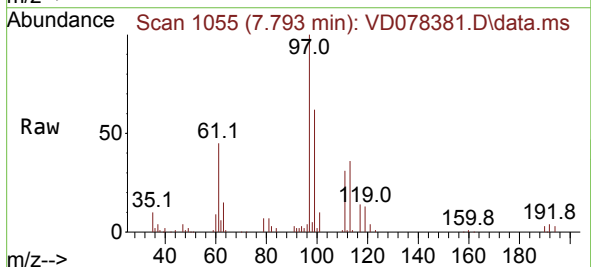
Tgt Ion: 97 Resp: 129040

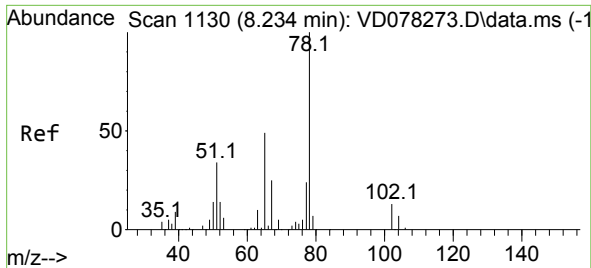
Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.425 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

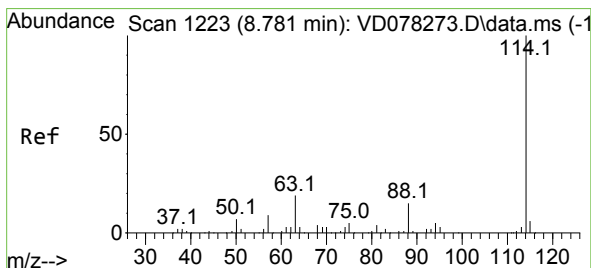
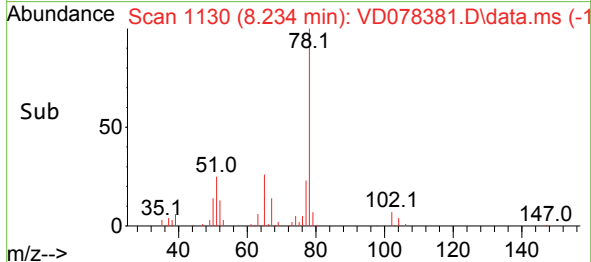
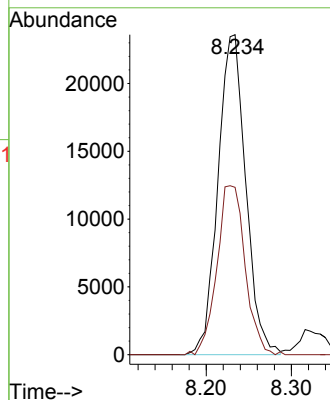
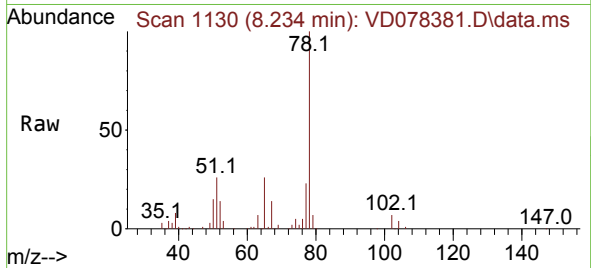
ClientSampleId :

Tgt Ion: 65 Resp: 53400

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

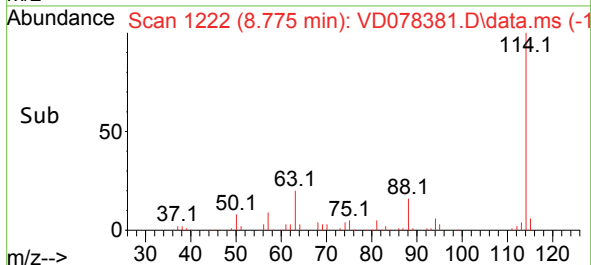
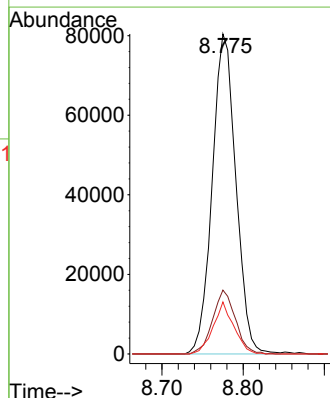
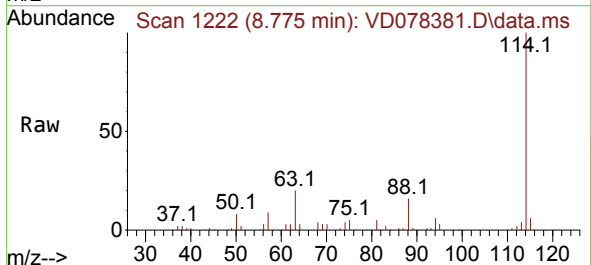
Tgt Ion: 114 Resp: 162932

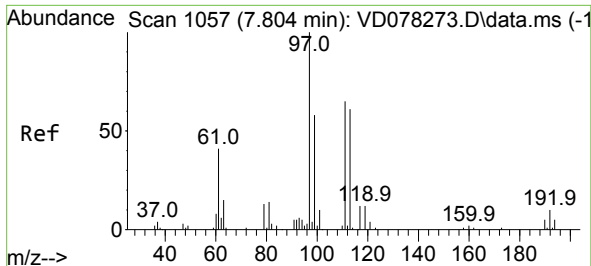
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

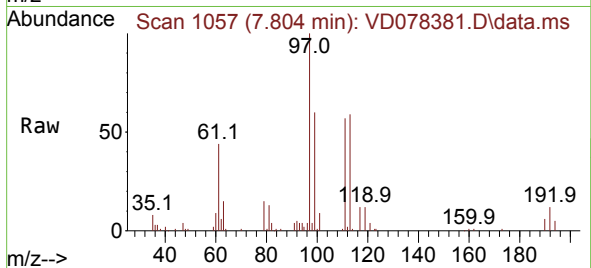
88 16.2 0.0 26.2



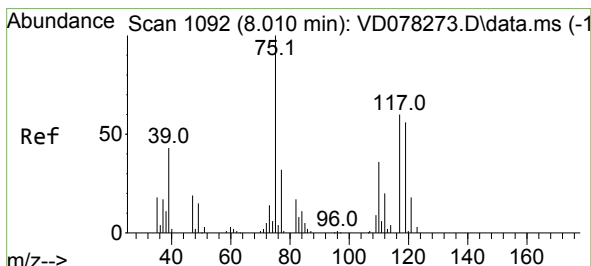
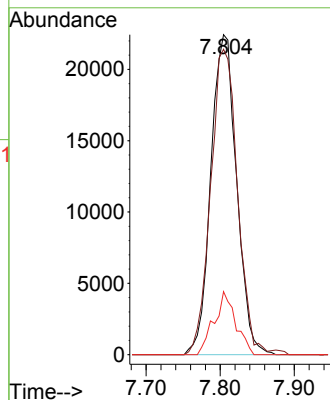
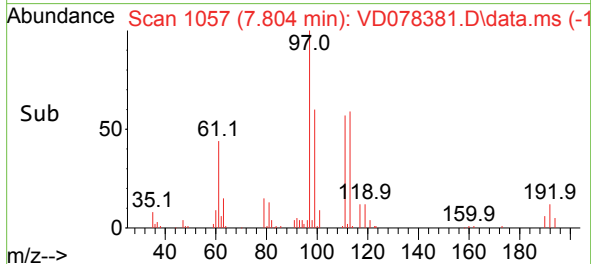


#35
Dibromofluoromethane
Concen: 46.673 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

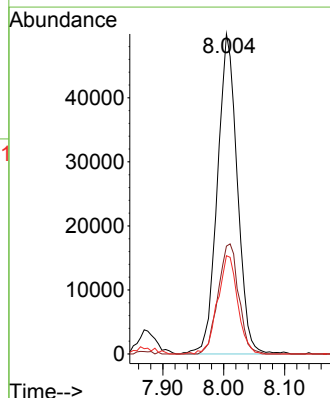
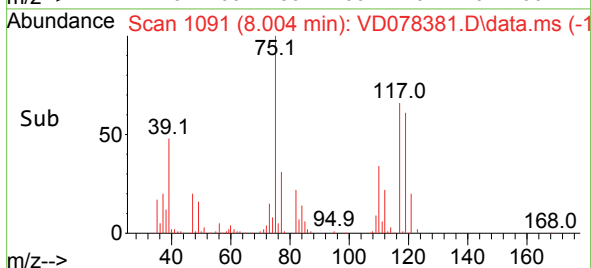
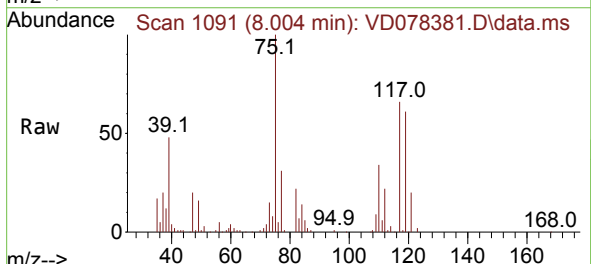


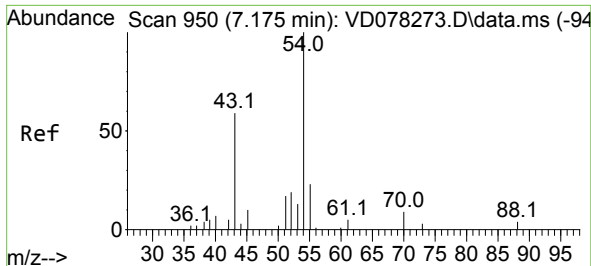
Tgt Ion:113 Resp: 54139
Ion Ratio Lower Upper
113 100
111 99.3 84.7 127.1
192 16.5 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 59.007 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 75 Resp: 113501
Ion Ratio Lower Upper
75 100
110 35.5 19.9 59.6
77 31.0 24.7 37.1



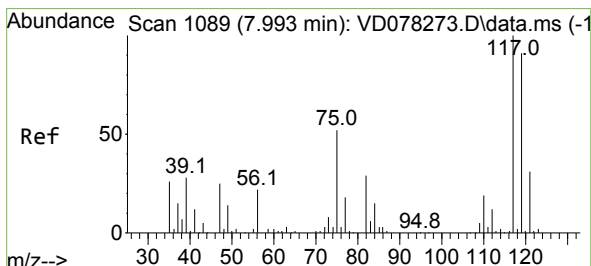
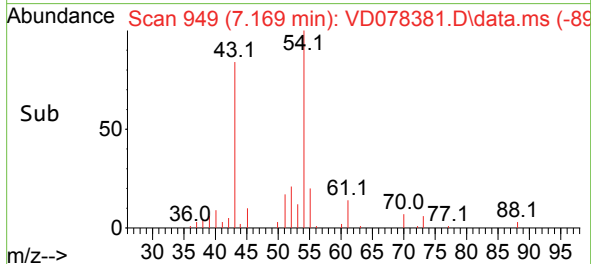
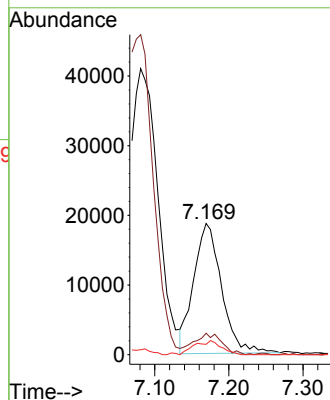
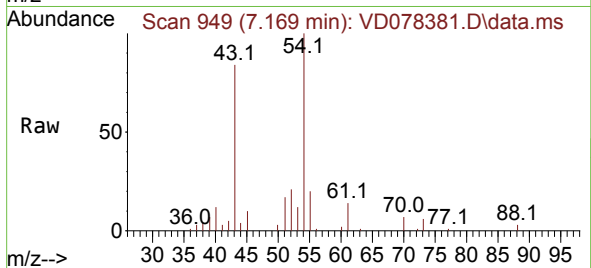


#37
Ethyl Acetate
Concen: 65.888 ug/l
RT: 7.169 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 48778

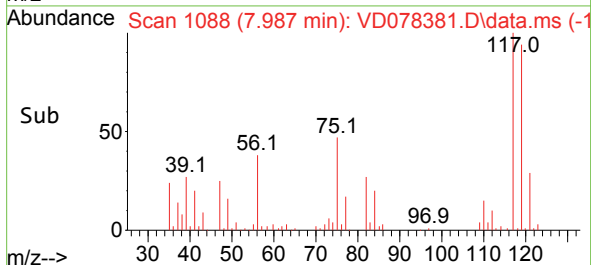
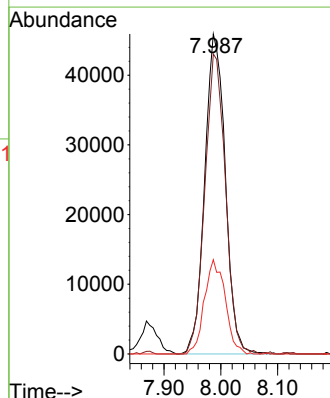
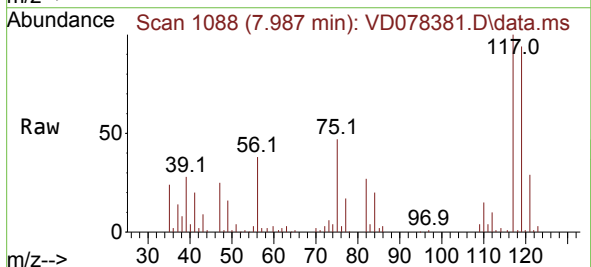
Ion	Ratio	Lower	Upper
43	100		
61	16.8	14.9	22.3
70	10.7	10.0	15.0

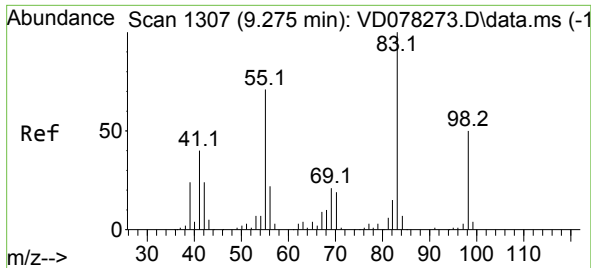


#38
Carbon Tetrachloride
Concen: 61.005 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 117 Resp: 115379

Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.0	117.0
121	29.5	24.2	36.2

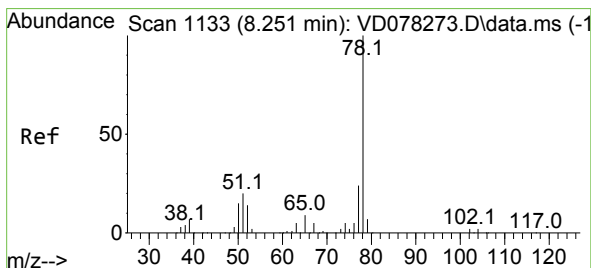
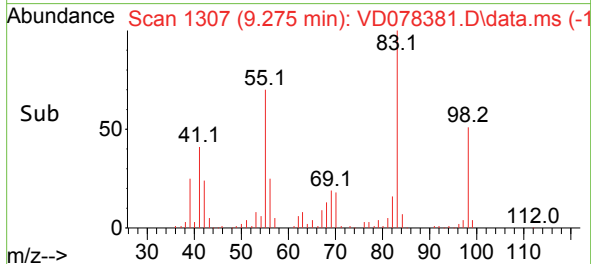
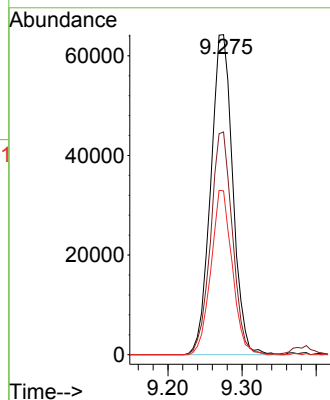
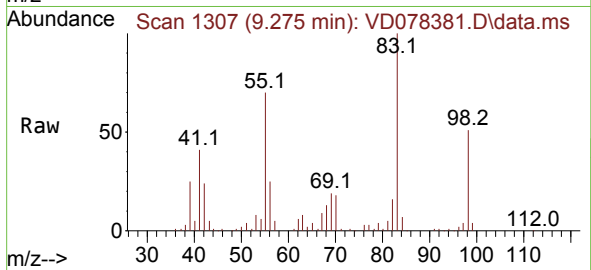




#39
Methylcyclohexane
Concen: 58.492 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

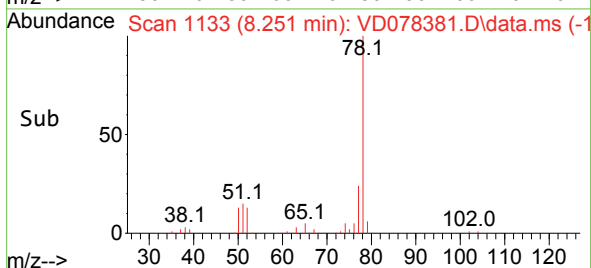
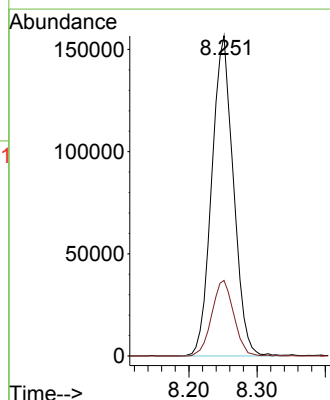
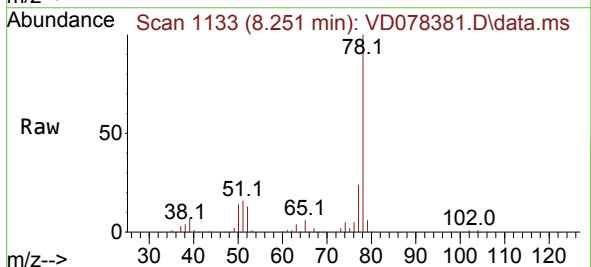
Instrument :
MSVOA_D
ClientSampleId :

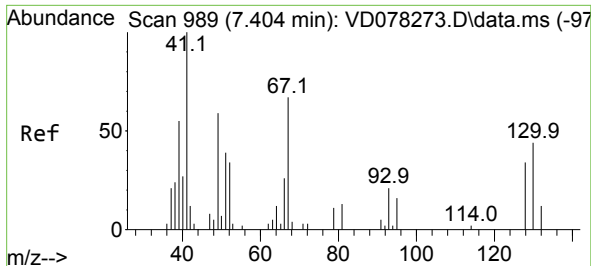
Tgt Ion: 83 Resp: 133023
Ion Ratio Lower Upper
83 100
55 69.6 49.4 74.0
98 51.2 38.4 57.6



#40
Benzene
Concen: 61.650 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

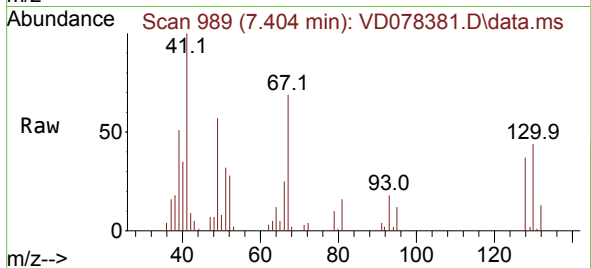
Tgt Ion: 78 Resp: 346002
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0



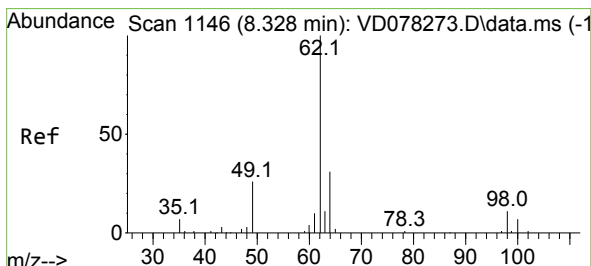
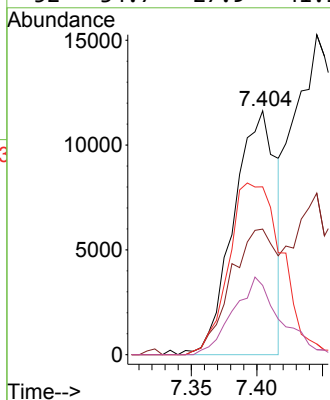
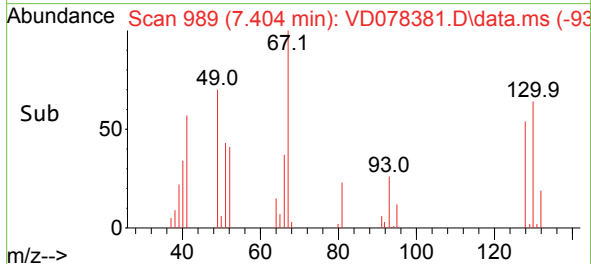


#41
Methacrylonitrile
Concen: 65.903 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

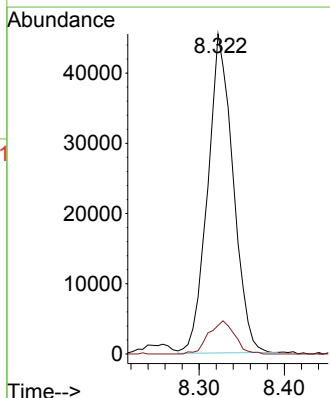
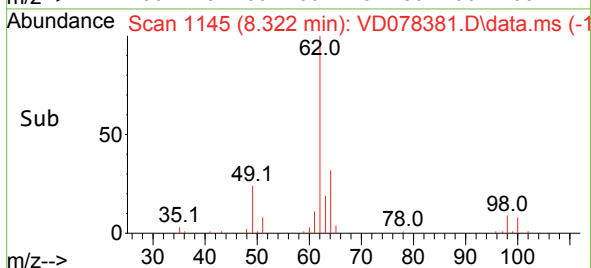
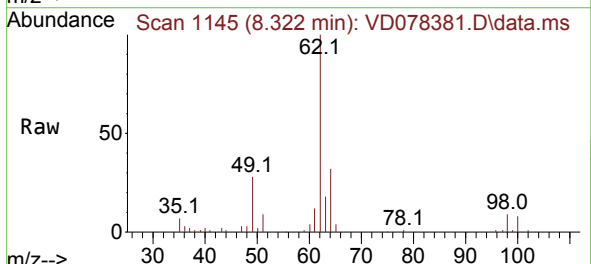


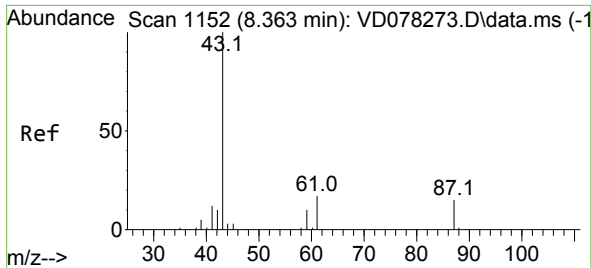
Tgt Ion: 41 Resp: 26230
Ion Ratio Lower Upper
41 100
39 55.4 34.0 51.0#
67 88.0 77.0 115.4
52 34.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 64.634 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 62 Resp: 94084
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4

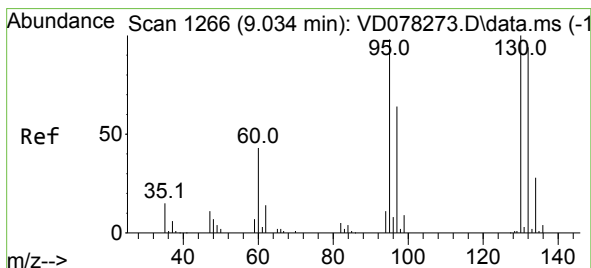
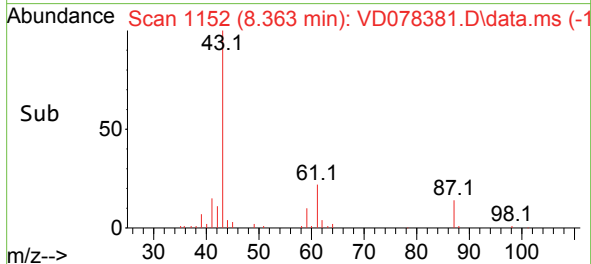
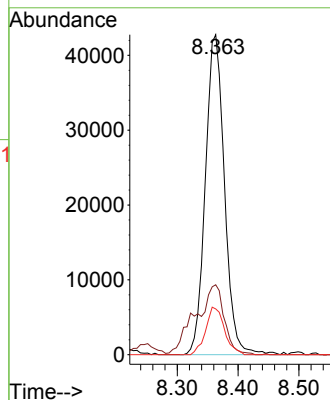
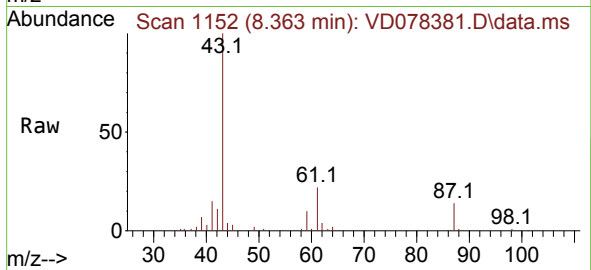




#43
Isopropyl Acetate
Concen: 70.369 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

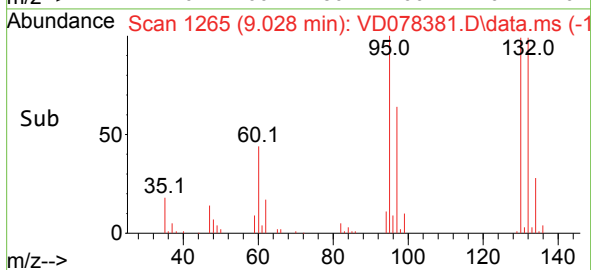
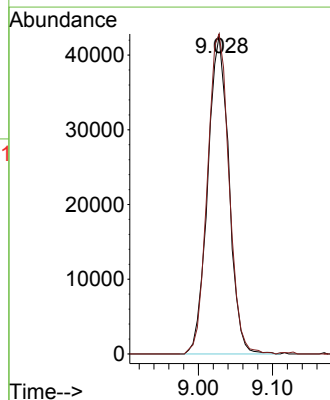
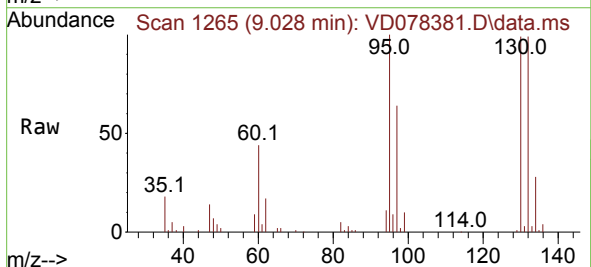
Instrument :
MSVOA_D
ClientSampleId :

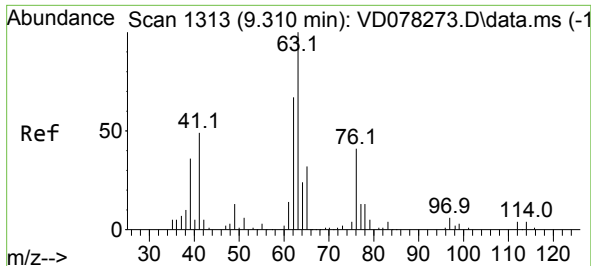
Tgt Ion: 43 Resp: 93407
Ion Ratio Lower Upper
43 100
61 32.8 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 61.249 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:130 Resp: 84410
Ion Ratio Lower Upper
130 100
95 100.6 0.0 179.2

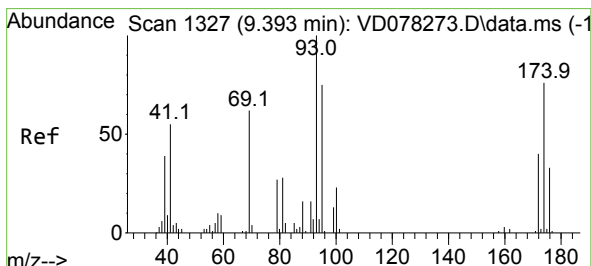
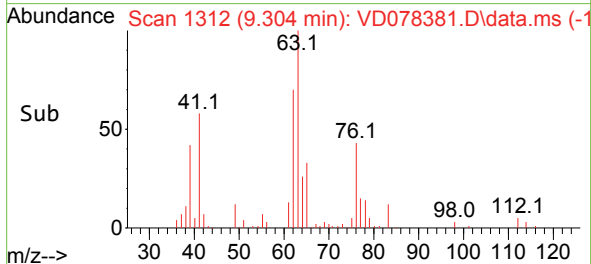
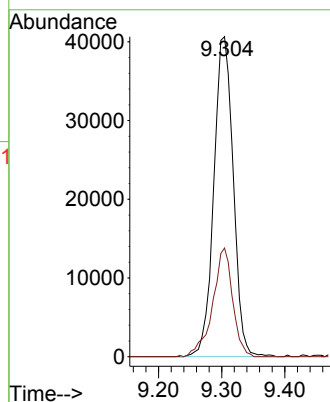
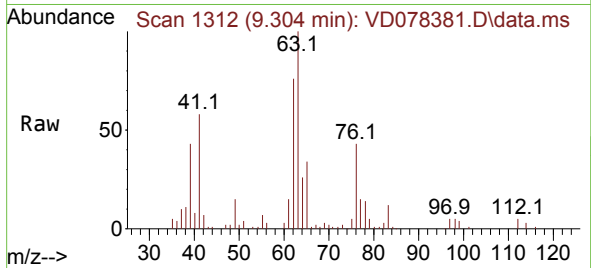




#45
1,2-Dichloropropane
Concen: 63.365 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

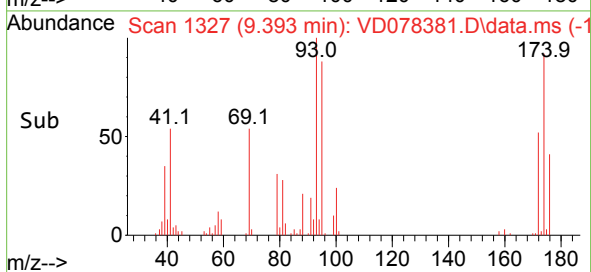
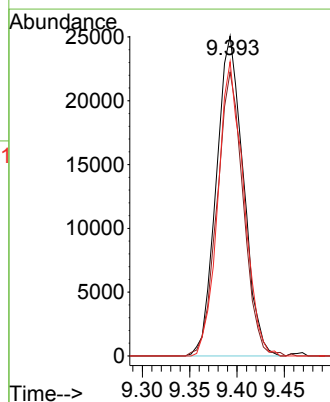
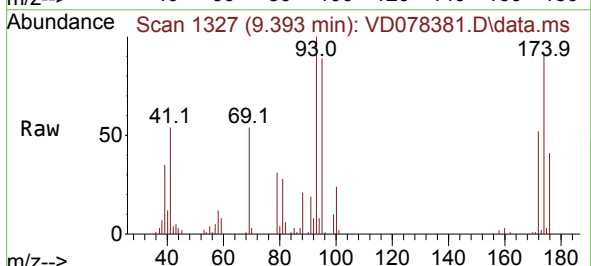
Instrument :
MSVOA_D
ClientSampleId :

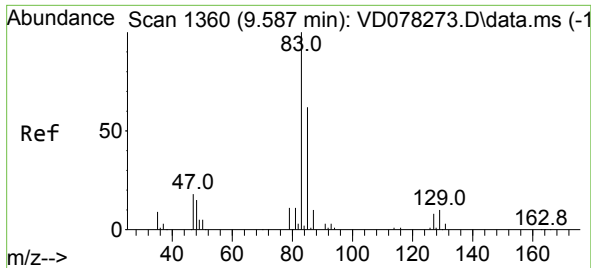
Tgt Ion: 63 Resp: 86951
Ion Ratio Lower Upper
63 100
65 34.0 24.5 36.7



#46
Dibromomethane
Concen: 65.326 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 93 Resp: 49737
Ion Ratio Lower Upper
93 100
95 86.2 67.7 101.5
174 87.7 85.4 128.2

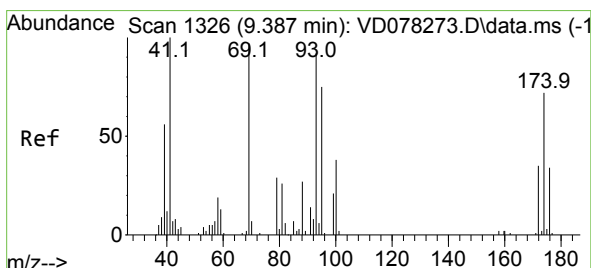
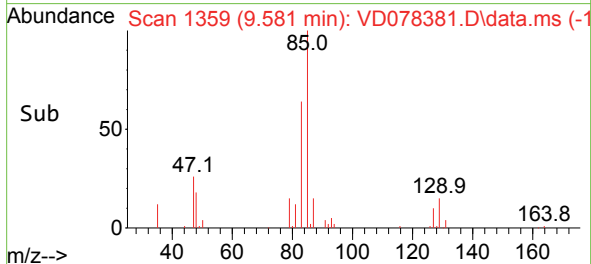
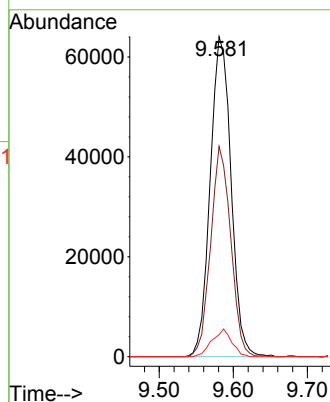
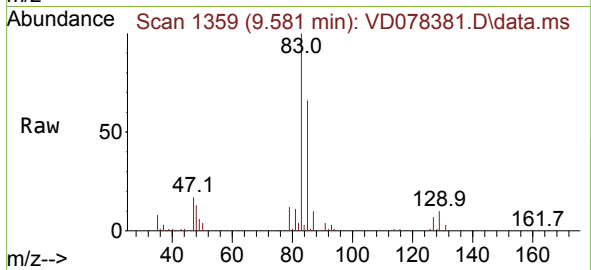




#47
Bromodichloromethane
Concen: 66.799 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

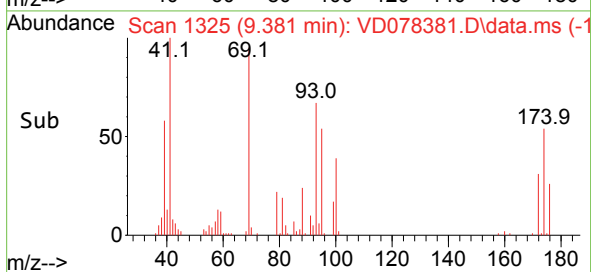
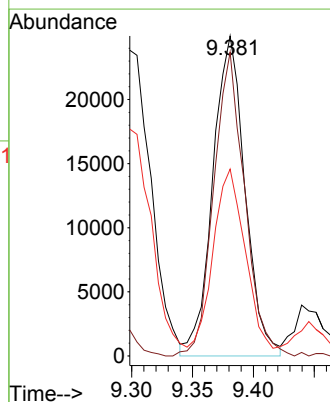
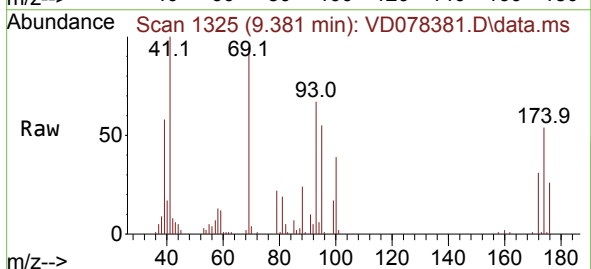
Instrument :
MSVOA_D
ClientSampleId :

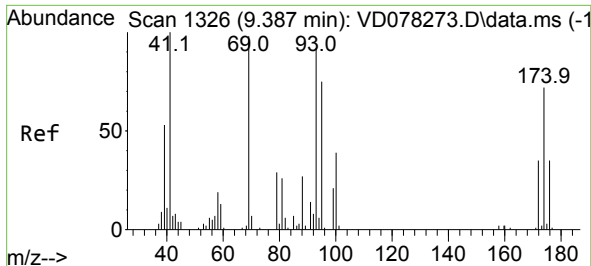
Tgt Ion: 83 Resp: 125129
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 72.410 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 41 Resp: 45929
Ion Ratio Lower Upper
41 100
69 90.9 102.2 153.2#
39 54.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1531.847 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

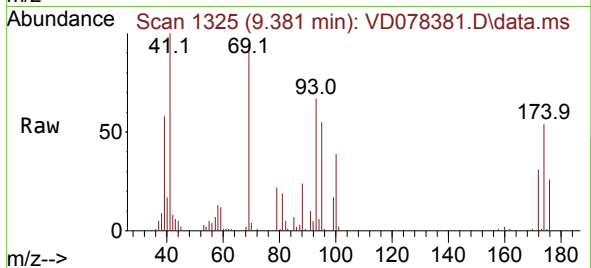
Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :



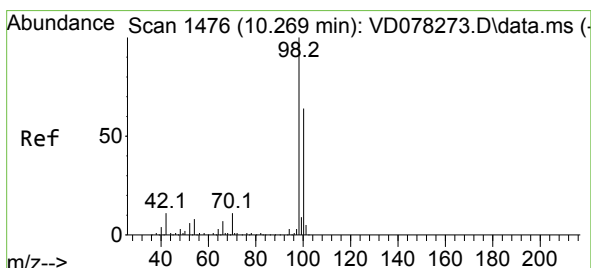
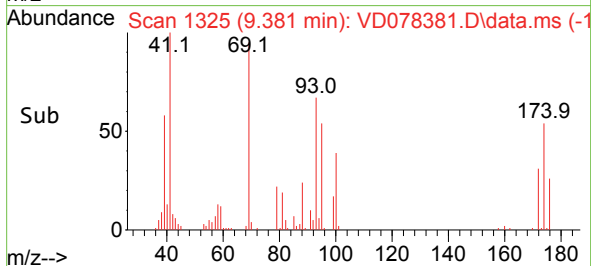
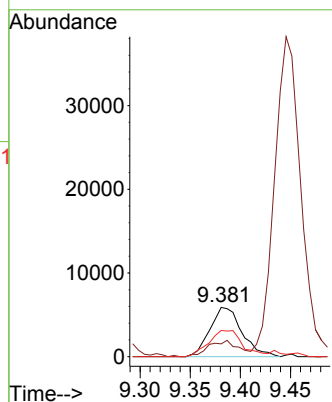
Tgt Ion: 88 Resp: 13083

Ion Ratio Lower Upper

88 100

43 31.2 19.0 28.6#

58 56.4 43.5 65.3



#50

Toluene-d8

Concen: 44.335 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078381.D

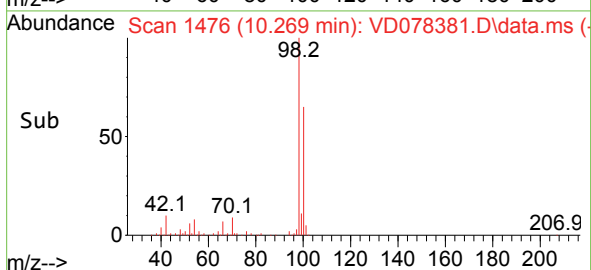
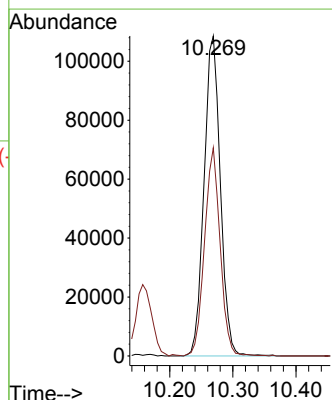
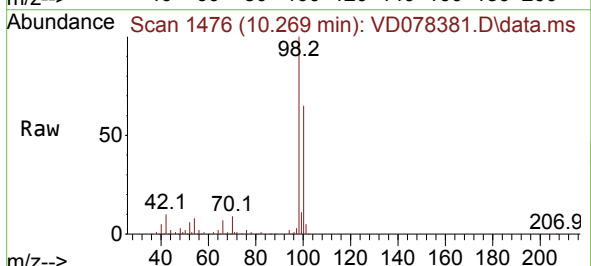
Acq: 08 Feb 2024 20:46

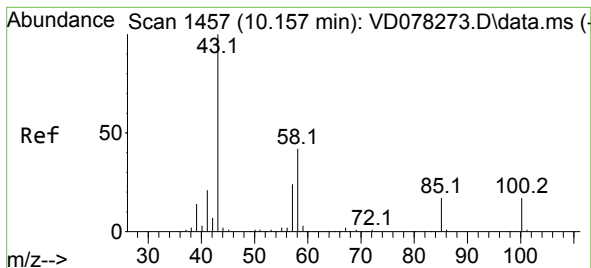
Tgt Ion: 98 Resp: 194705

Ion Ratio Lower Upper

98 100

100 62.4 50.3 75.5

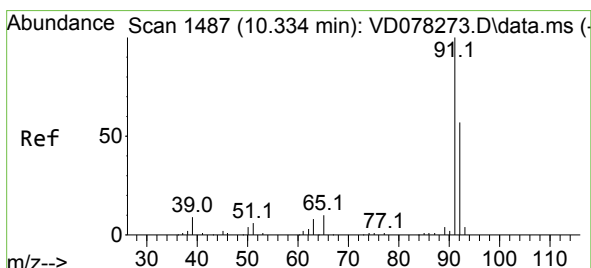
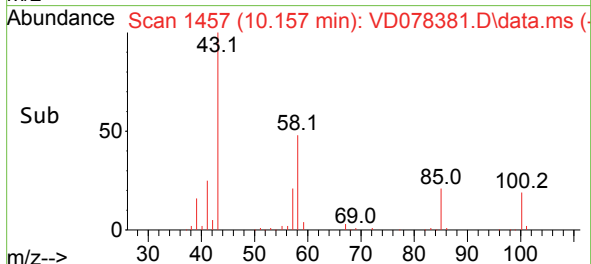
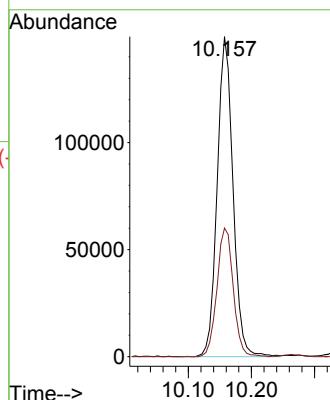
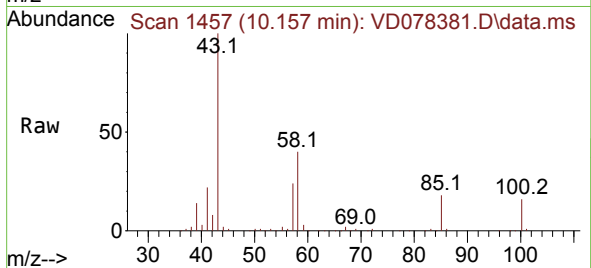




#51
4-Methyl-2-Pentanone
Concen: 362.104 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

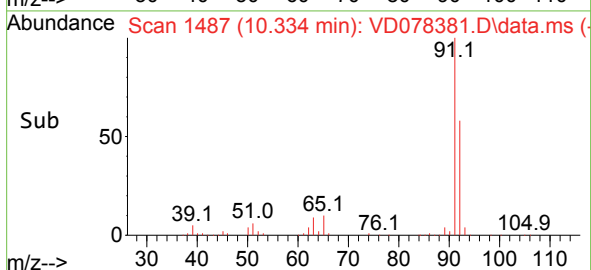
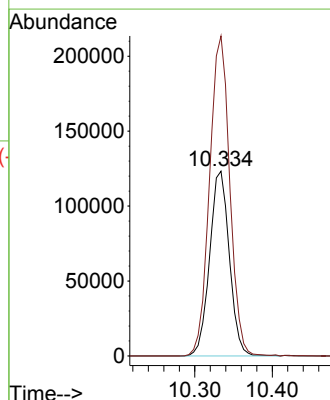
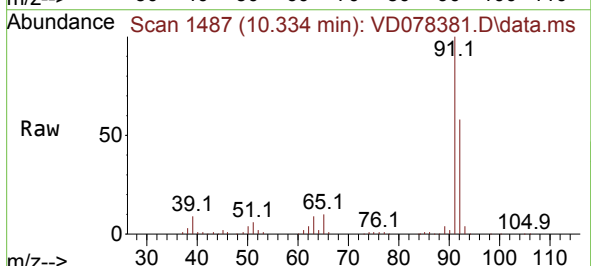
Instrument :
MSVOA_D
ClientSampleId :

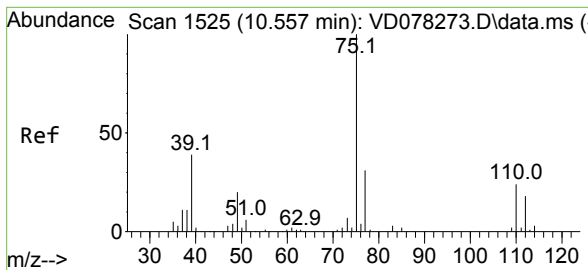
Tgt Ion: 43 Resp: 260014
Ion Ratio Lower Upper
43 100
58 41.5 38.9 58.3



#52
Toluene
Concen: 63.945 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 92 Resp: 217685
Ion Ratio Lower Upper
92 100
91 177.5 143.0 214.4

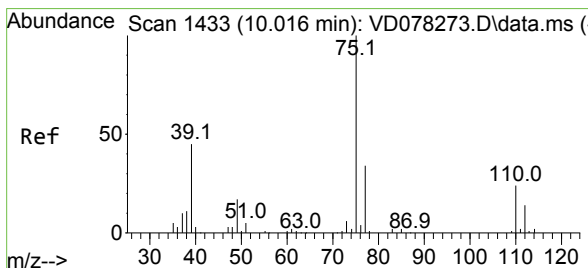
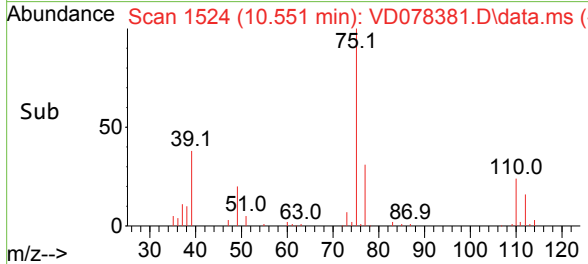
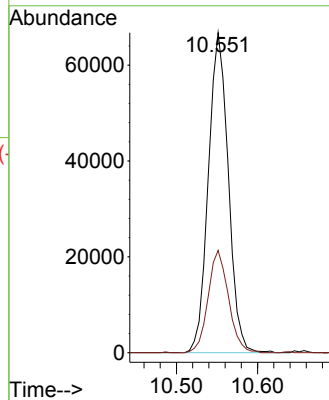
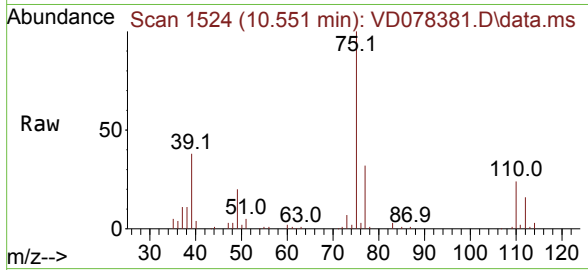




#53
 t-1,3-Dichloropropene
 Concen: 65.145 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

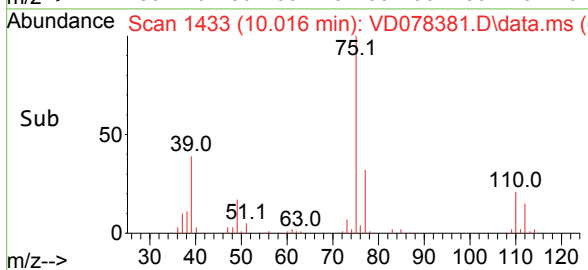
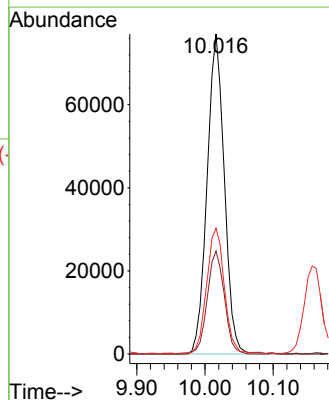
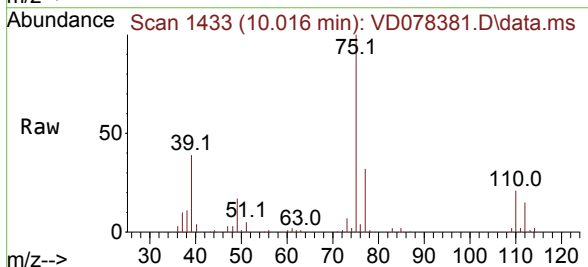
Instrument :
 MSVOA_D
 ClientSampleId :

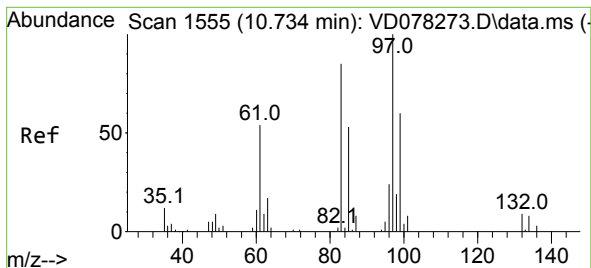
Tgt Ion: 75 Resp: 113982
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 65.380 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078381.D
 Acq: 08 Feb 2024 20:46

Tgt Ion: 75 Resp: 135428
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 39.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 68.537 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

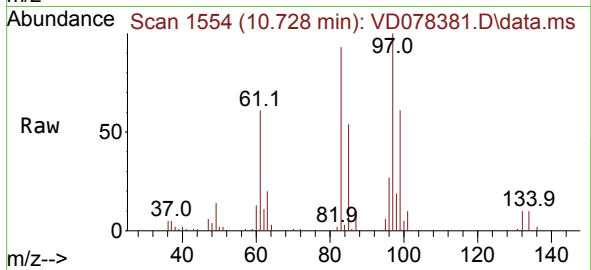
Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 68094

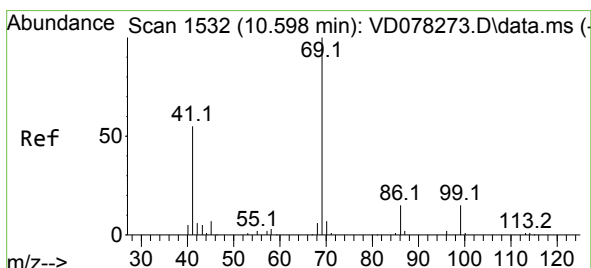
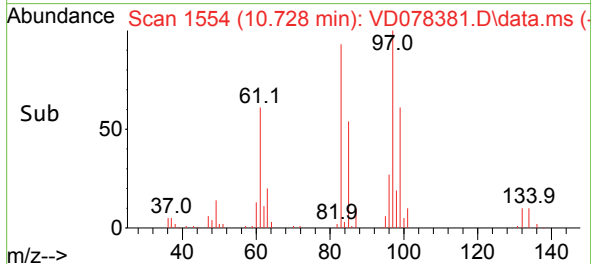
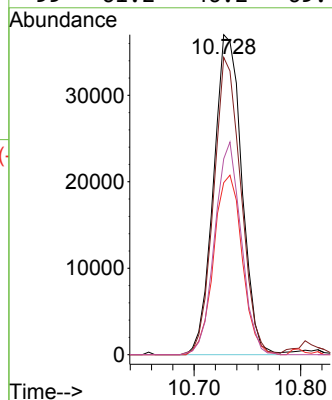
Ion Ratio Lower Upper

97 100

83 92.9 65.8 98.6

85 53.8 45.7 68.5

99 61.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 72.274 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

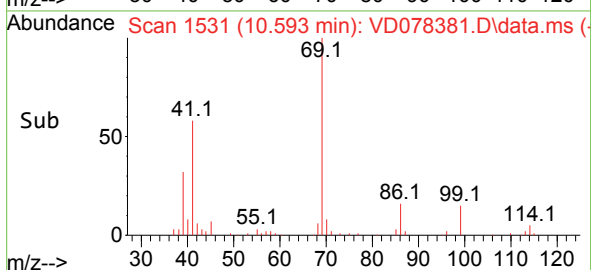
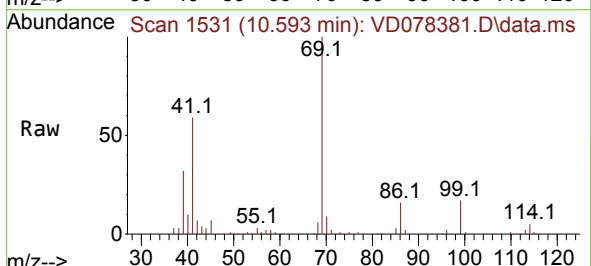
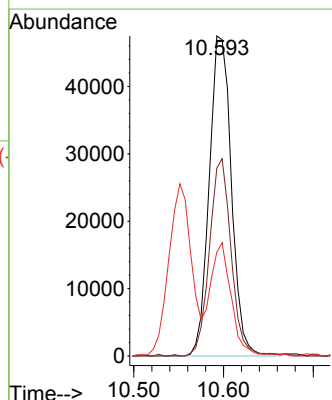
Tgt Ion: 69 Resp: 81448

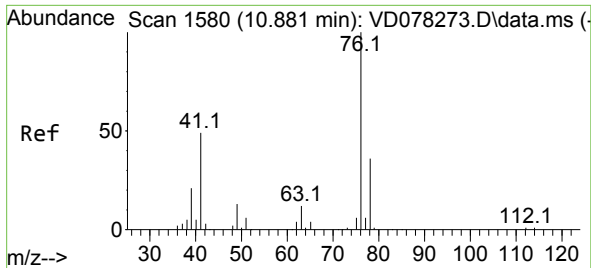
Ion Ratio Lower Upper

69 100

41 60.8 39.1 58.7#

39 33.8 20.0 30.0#

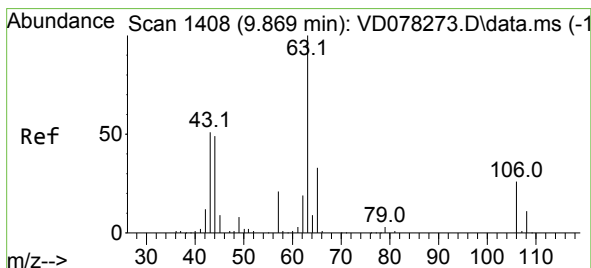
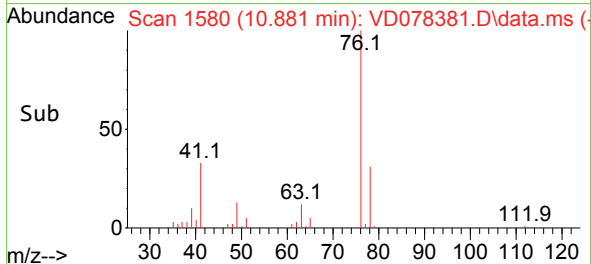
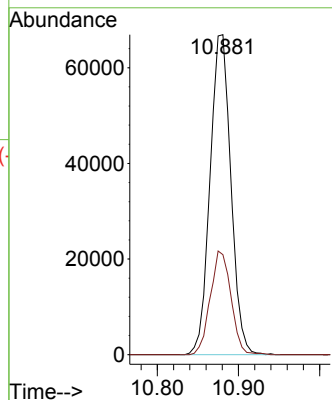
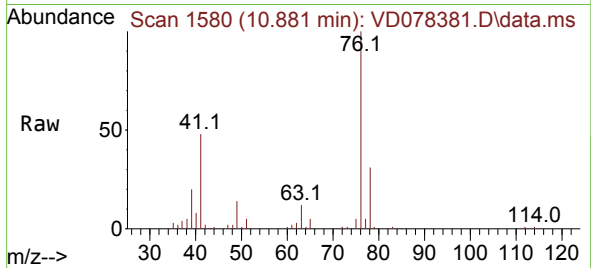




#57
1,3-Dichloropropane
Concen: 69.652 ug/l
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

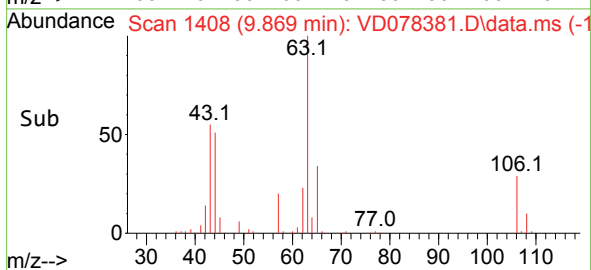
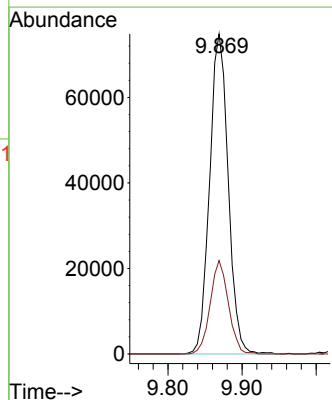
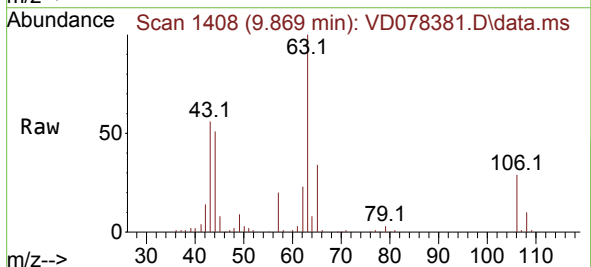
Instrument :
MSVOA_D
ClientSampleId :

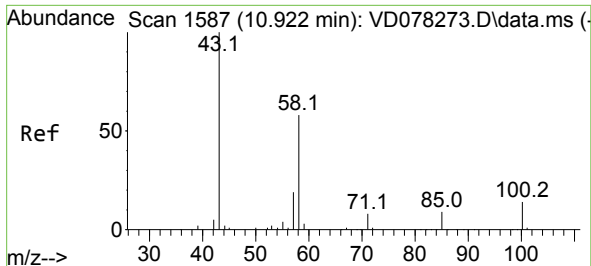
Tgt Ion: 76 Resp: 119324
Ion Ratio Lower Upper
76 100
78 32.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 254.203 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 63 Resp: 130275
Ion Ratio Lower Upper
63 100
106 28.5 25.3 37.9

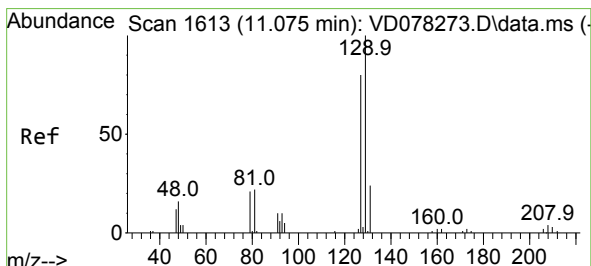
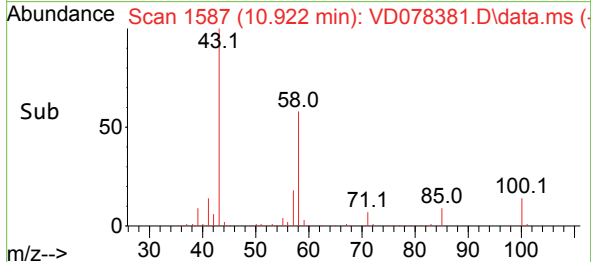
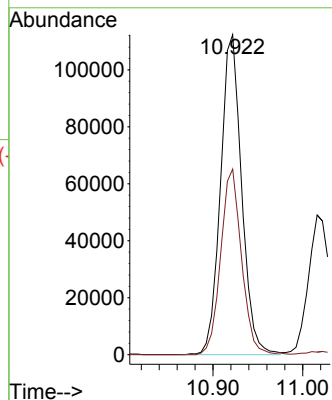
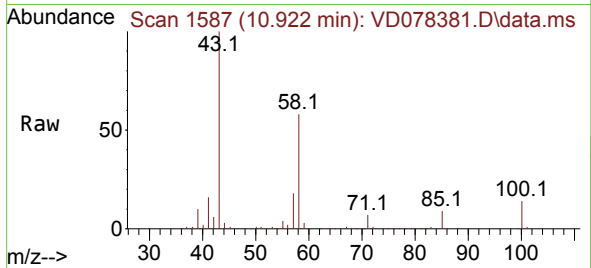




#59
2-Hexanone
Concen: 339.276 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

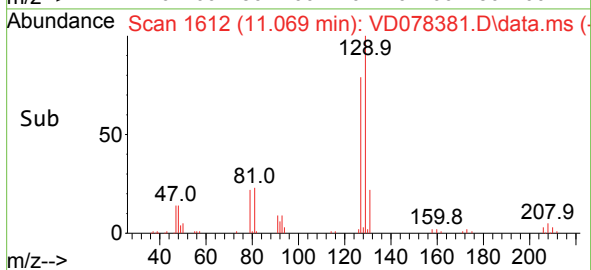
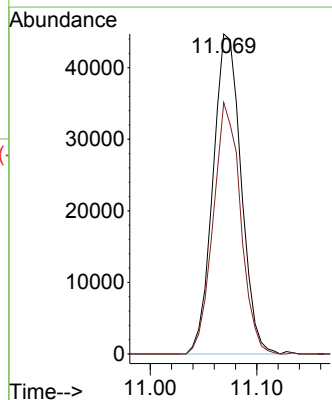
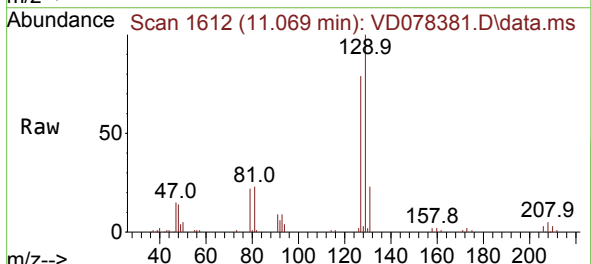
Instrument :
MSVOA_D
ClientSampleId :

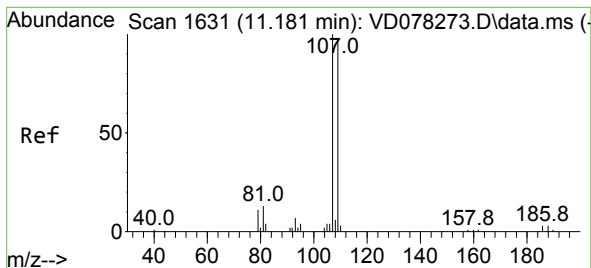
Tgt Ion: 43 Resp: 183479
Ion Ratio Lower Upper
43 100
58 57.3 34.1 102.2



#60
Dibromochloromethane
Concen: 70.983 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 129 Resp: 81867
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5





#61

1,2-Dibromoethane

Concen: 67.507 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

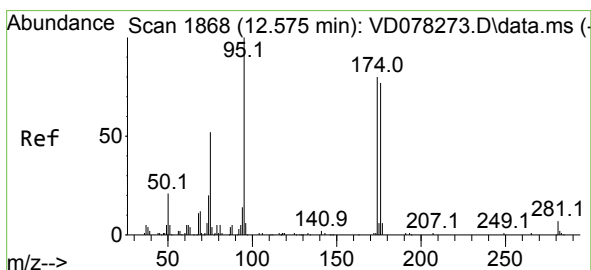
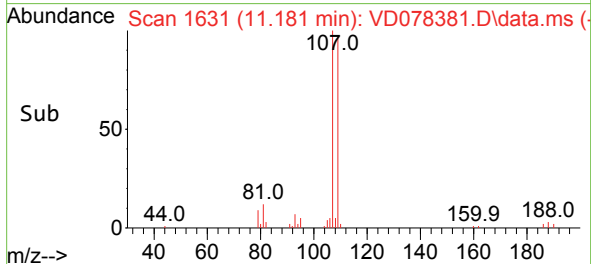
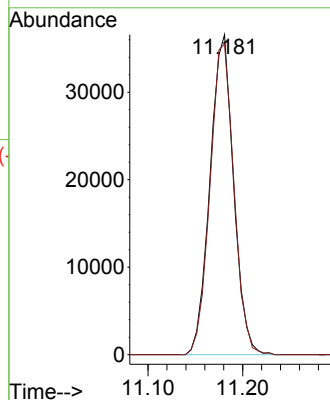
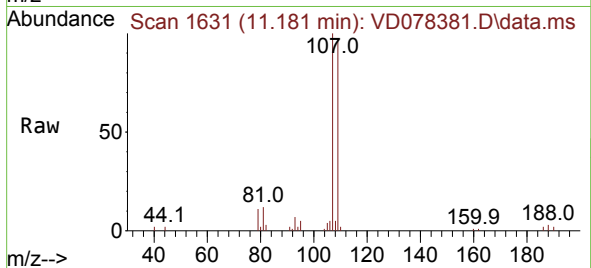
ClientSampleId :

Tgt Ion:107 Resp: 63324

Ion Ratio Lower Upper

107 100

109 98.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.883 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

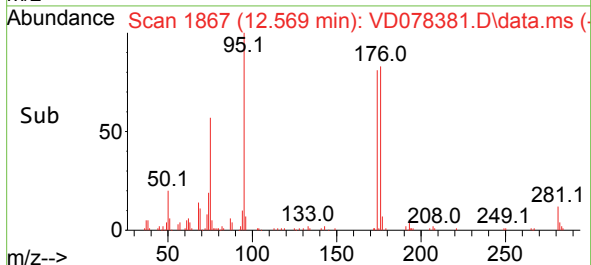
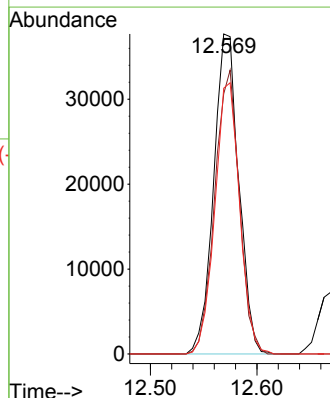
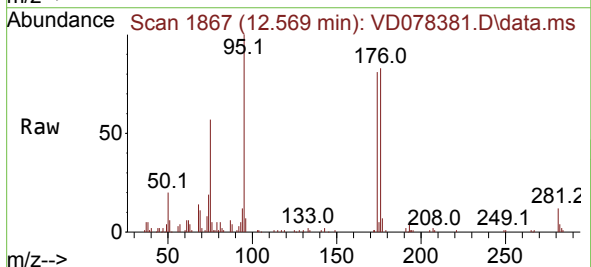
Tgt Ion: 95 Resp: 61659

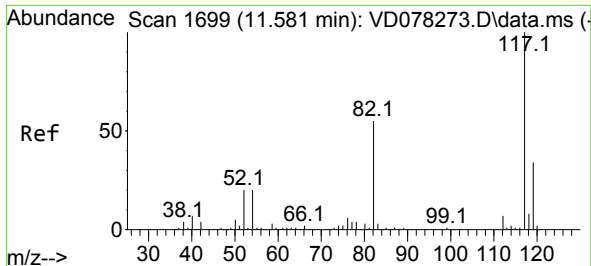
Ion Ratio Lower Upper

95 100

174 86.7 0.0 201.8

176 83.8 0.0 191.8

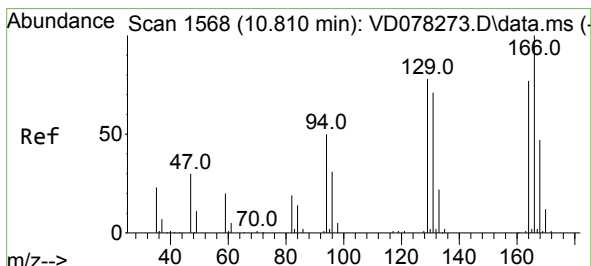
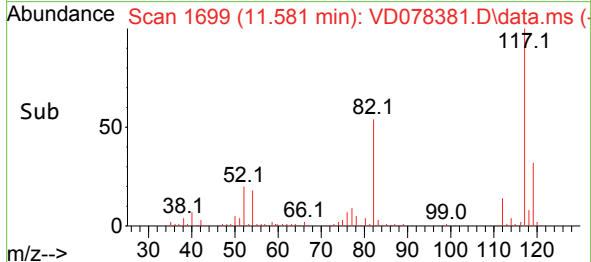
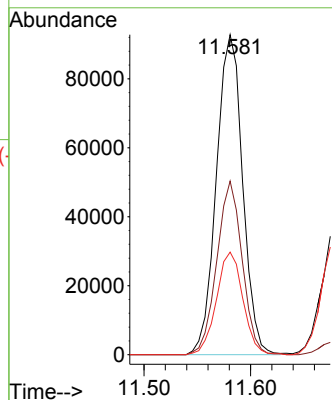
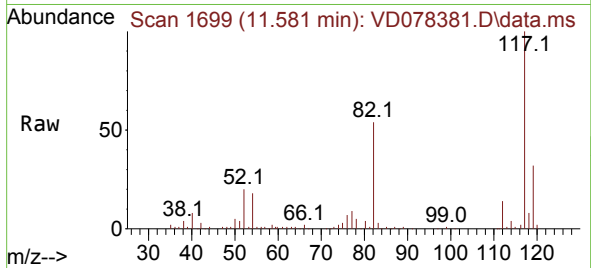




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

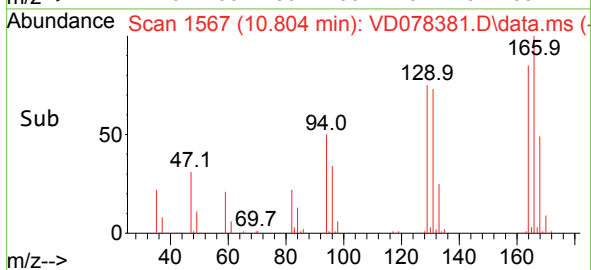
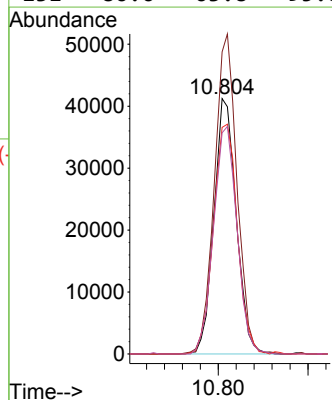
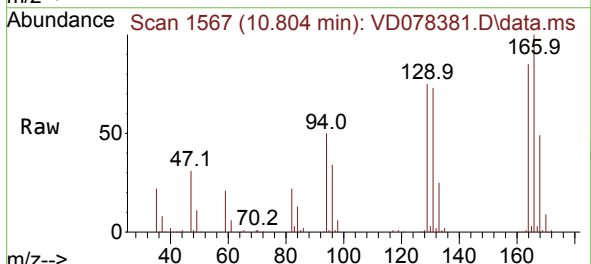
Instrument :
MSVOA_D
ClientSampleId :

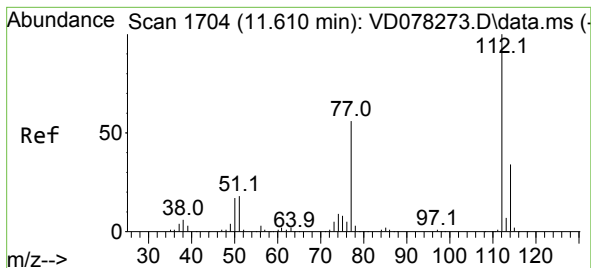
Tgt Ion:117 Resp: 158992
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 64.213 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:164 Resp: 71207
Ion Ratio Lower Upper
164 100
166 118.3 99.2 148.8
129 88.7 68.4 102.6
131 86.6 63.8 95.8

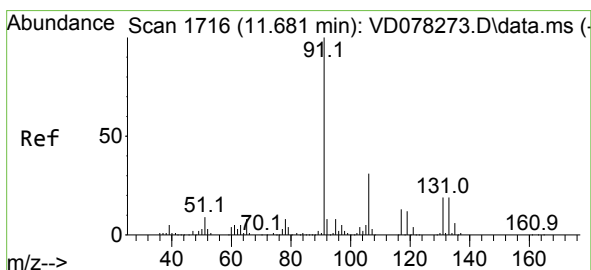
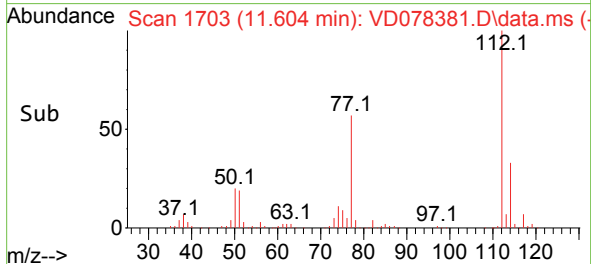
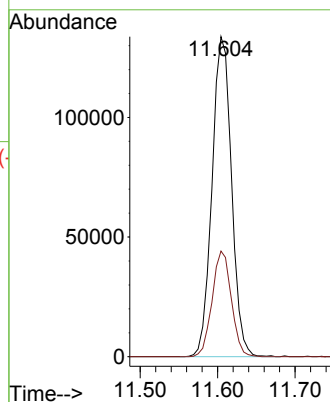
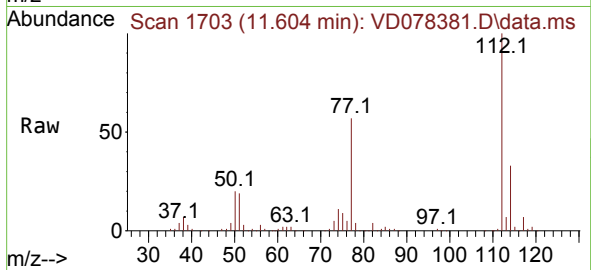




#65
Chlorobenzene
Concen: 61.464 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

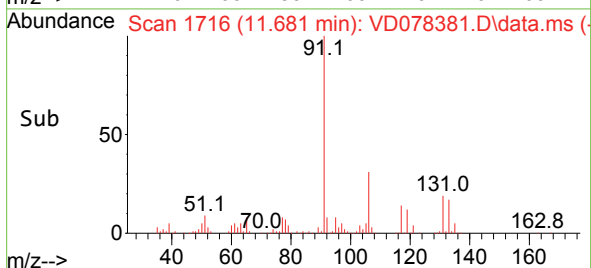
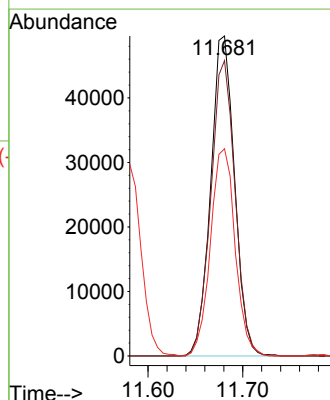
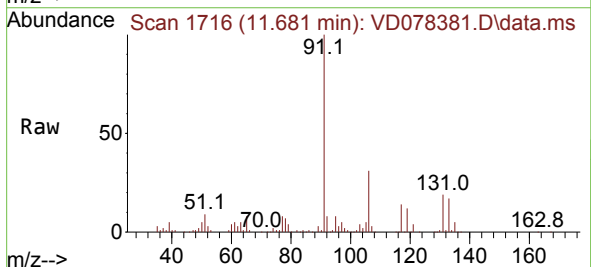
Instrument :
MSVOA_D
ClientSampleId :

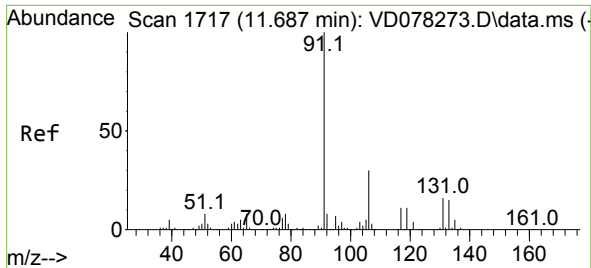
Tgt Ion:112 Resp: 233794
Ion Ratio Lower Upper
112 100
114 33.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 64.076 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:131 Resp: 86778
Ion Ratio Lower Upper
131 100
133 94.0 48.5 145.5
119 67.0 35.6 106.9

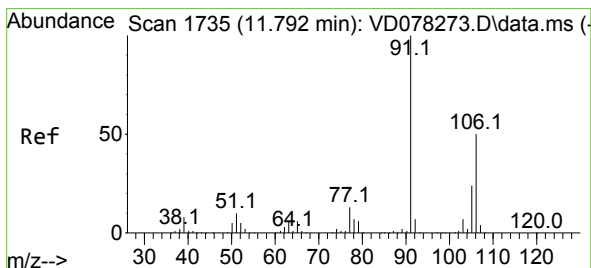
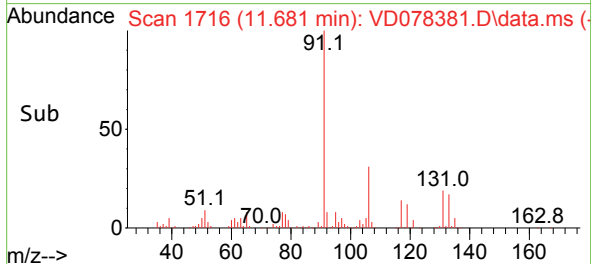
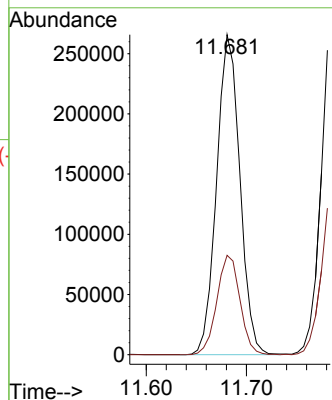
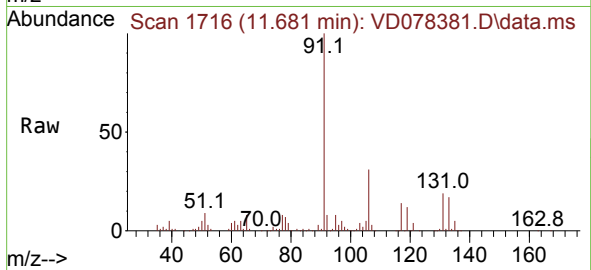




#67
Ethyl Benzene
Concen: 62.133 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

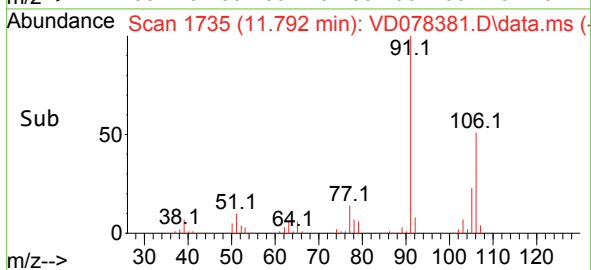
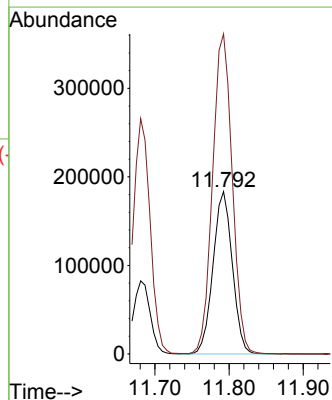
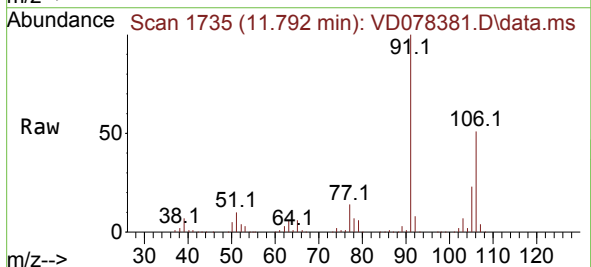
Instrument :
MSVOA_D
ClientSampleId :

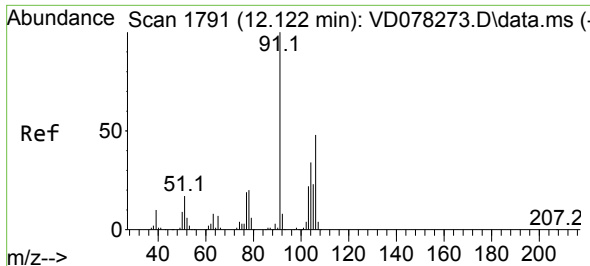
Tgt Ion: 91 Resp: 428107
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 125.044 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:106 Resp: 331469
Ion Ratio Lower Upper
106 100
91 201.1 147.0 220.6

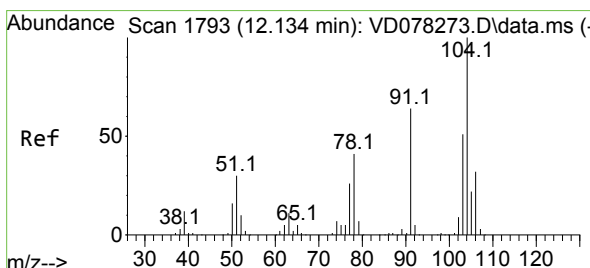
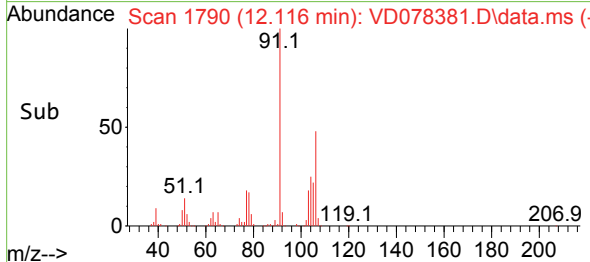
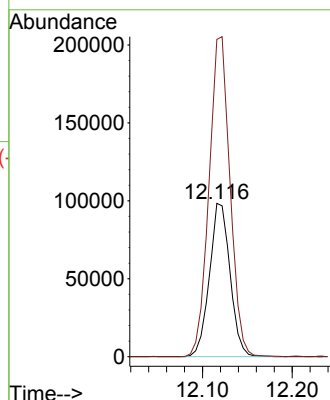
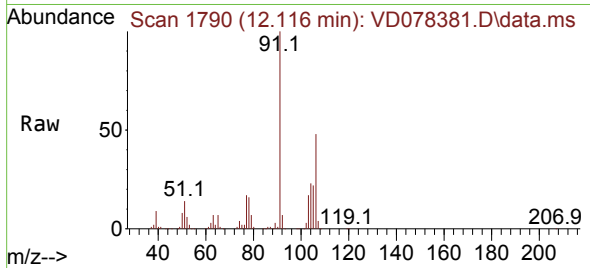




#69
o-Xylene
Concen: 64.264 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

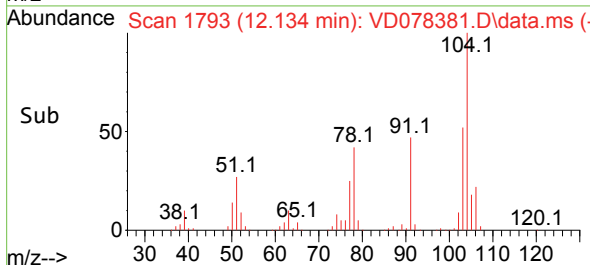
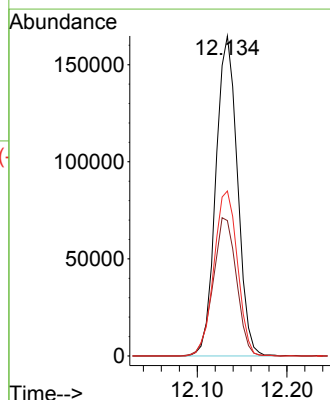
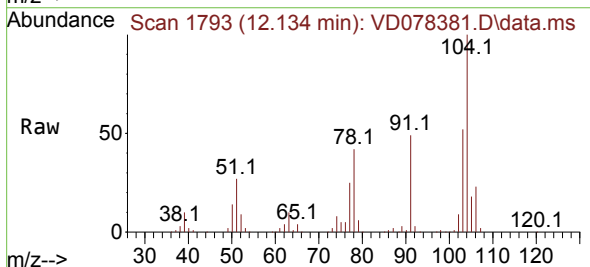
Instrument :
MSVOA_D
ClientSampleId :

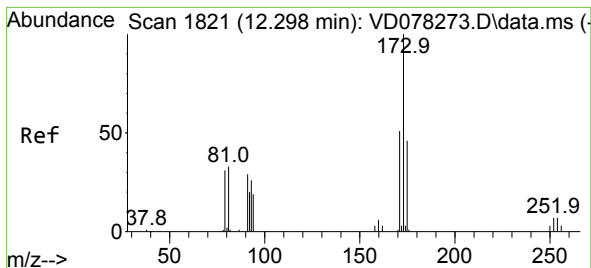
Tgt Ion:106 Resp: 156553
Ion Ratio Lower Upper
106 100
91 213.2 97.9 293.6



#70
Styrene
Concen: 66.127 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:104 Resp: 275103
Ion Ratio Lower Upper
104 100
78 46.8 33.2 49.8
103 56.2 43.6 65.4





#71

Bromoform

Concen: 72.066 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :

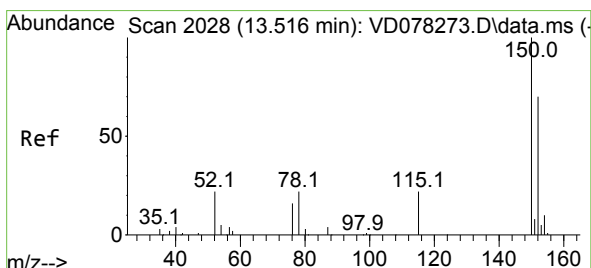
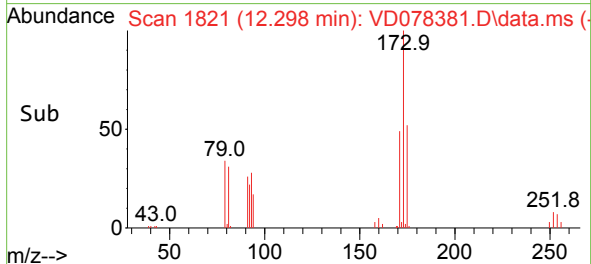
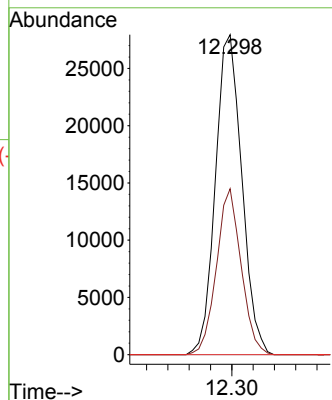
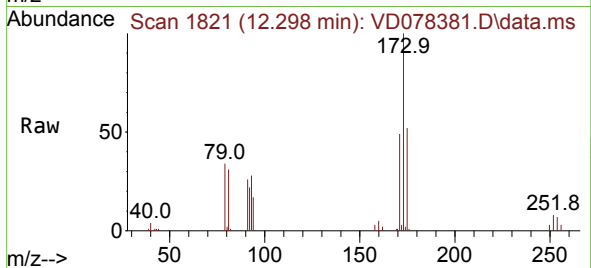
Tgt Ion:173 Resp: 48068

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

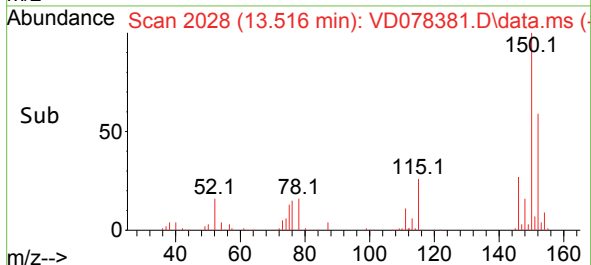
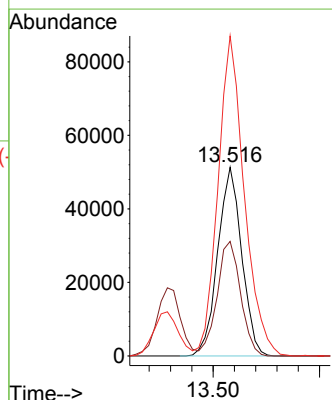
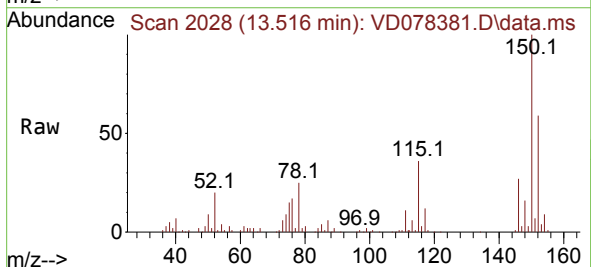
Tgt Ion:152 Resp: 80072

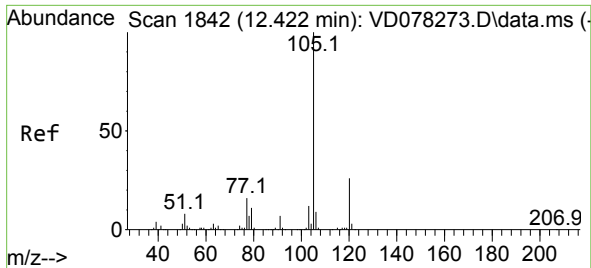
Ion Ratio Lower Upper

152 100

115 59.5 27.1 81.3

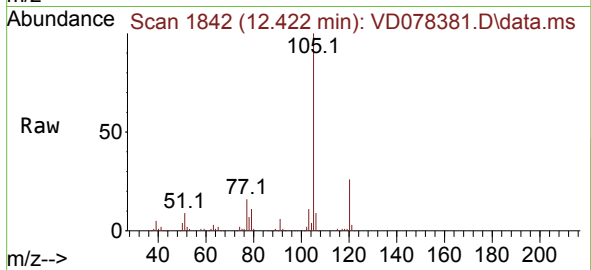
150 186.0 0.0 353.6



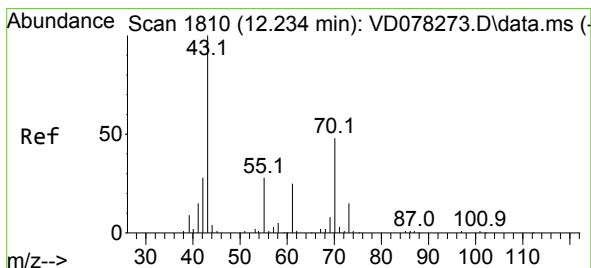
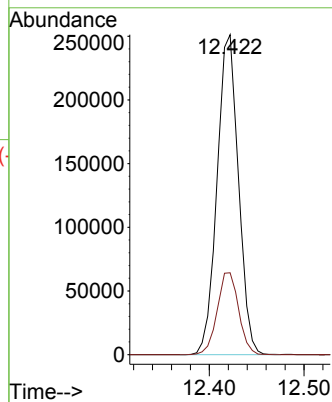
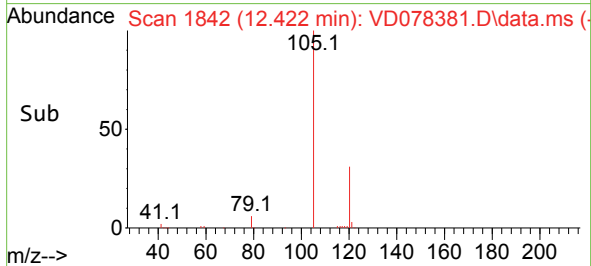


#73
Isopropylbenzene
Concen: 58.123 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

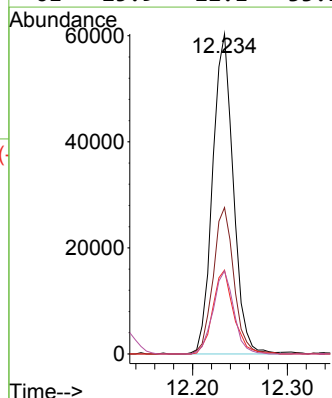
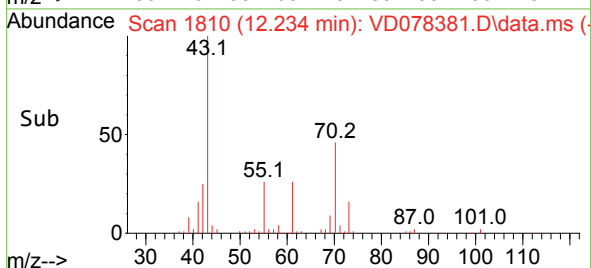
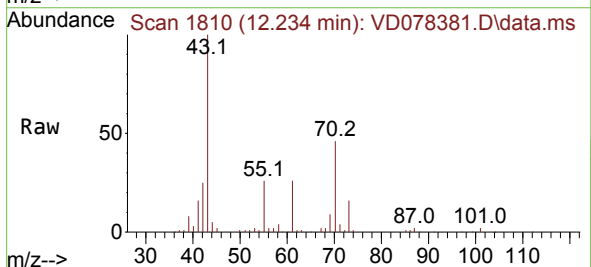


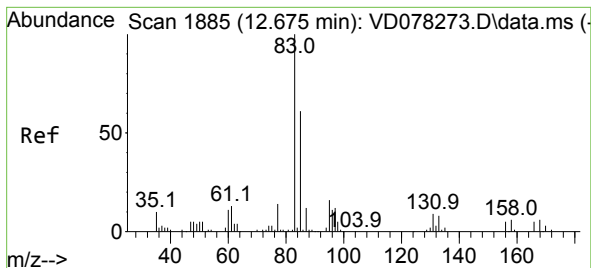
Tgt Ion:105 Resp: 393768
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 65.348 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 43 Resp: 91564
Ion Ratio Lower Upper
43 100
70 46.0 45.0 67.4
55 26.4 23.8 35.6
61 25.9 22.1 33.1

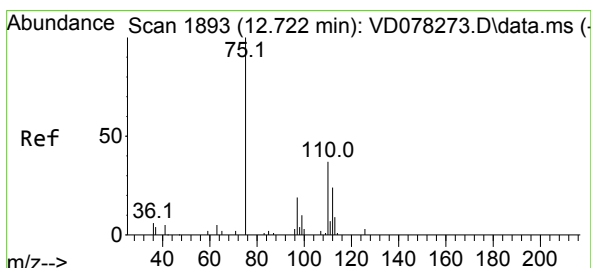
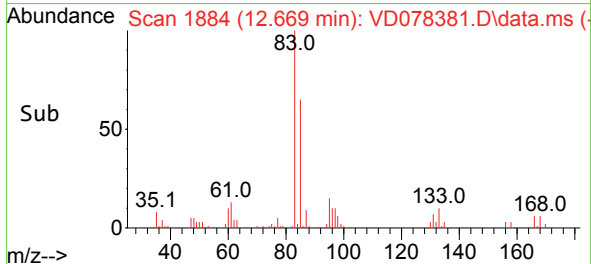
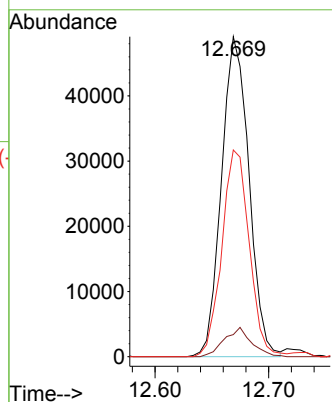
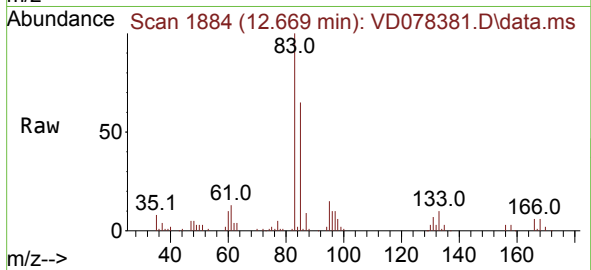




#75
1,1,2,2-Tetrachloroethane
Concen: 63.065 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

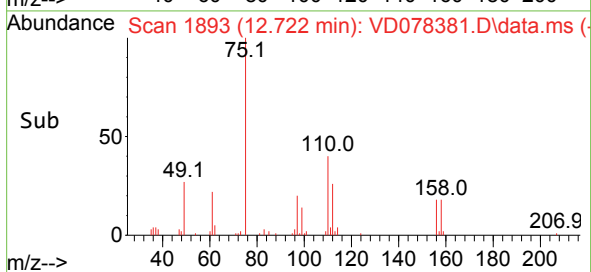
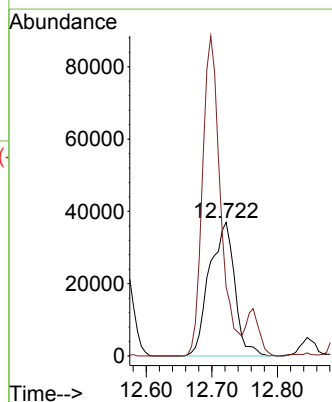
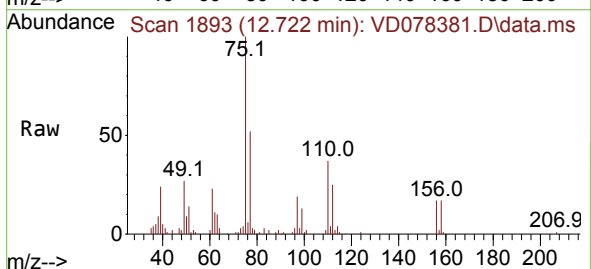
Instrument :
MSVOA_D
ClientSampleId :

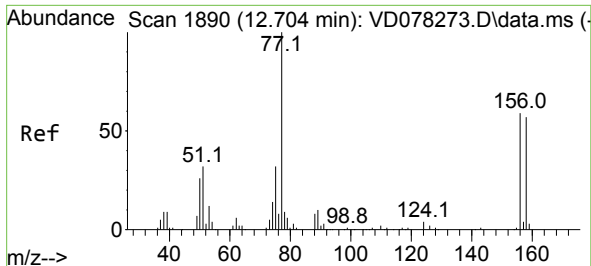
Tgt Ion: 83 Resp: 82509
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 118.503 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 75 Resp: 99176
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

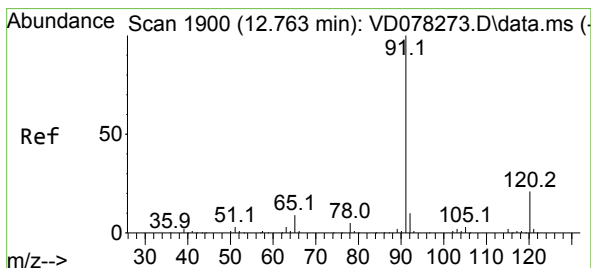
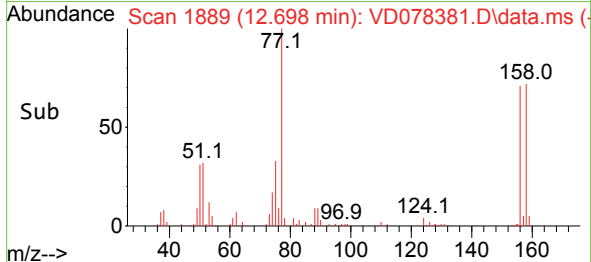
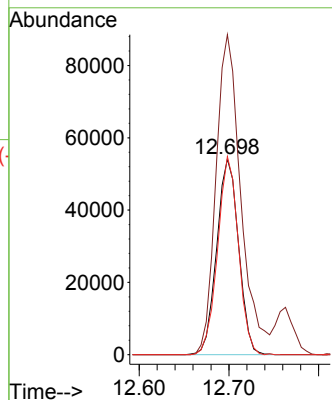
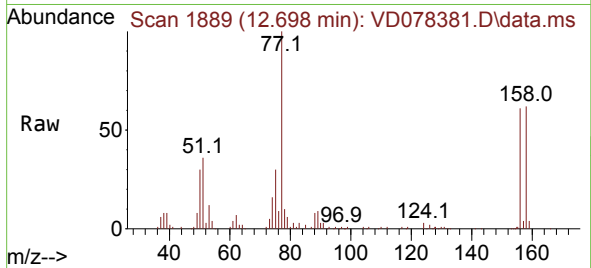




#77
Bromobenzene
Concen: 61.445 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

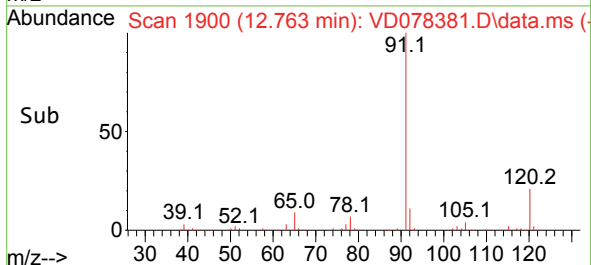
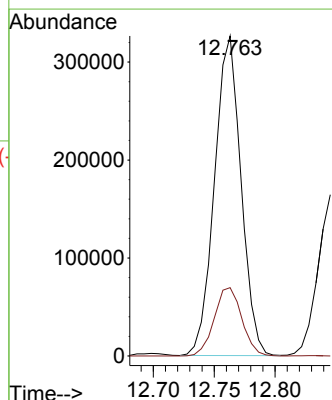
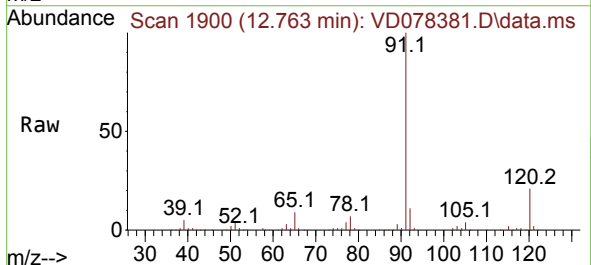
Instrument :
MSVOA_D
ClientSampleId :

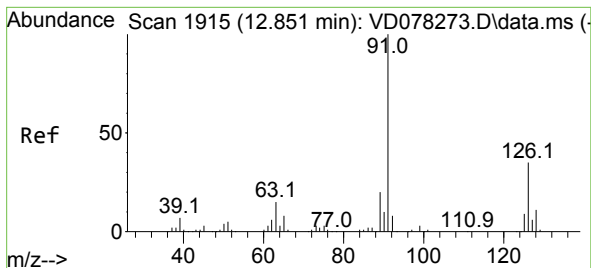
Tgt Ion:156 Resp: 91606
Ion Ratio Lower Upper
156 100
77 185.7 76.8 230.4
158 96.2 48.6 145.9



#78
n-propylbenzene
Concen: 58.525 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion: 91 Resp: 493908
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 60.840 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

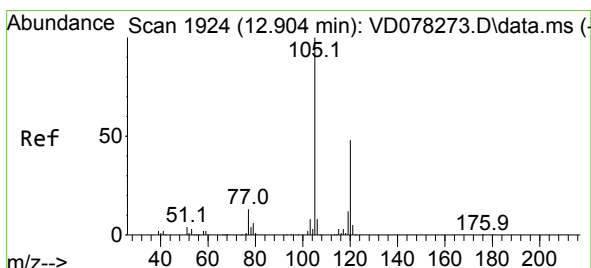
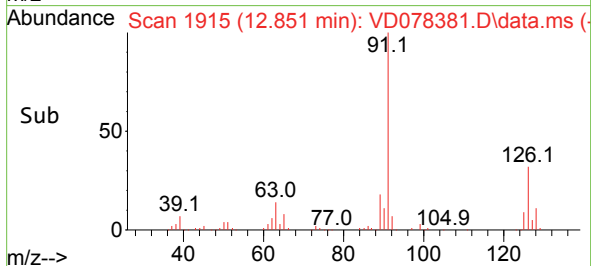
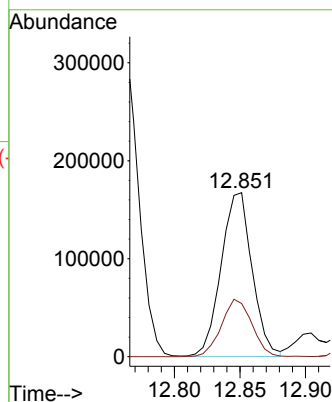
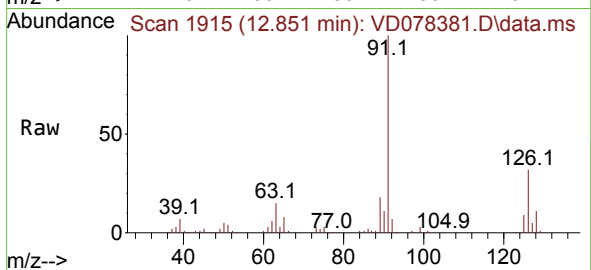
ClientSampleId :

Tgt Ion: 91 Resp: 274857

Ion Ratio Lower Upper

91 100

126 34.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 61.174 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078381.D

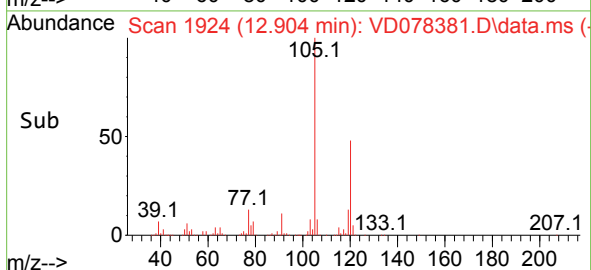
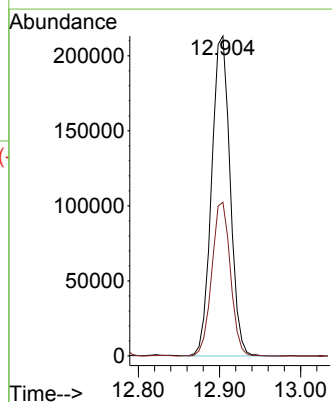
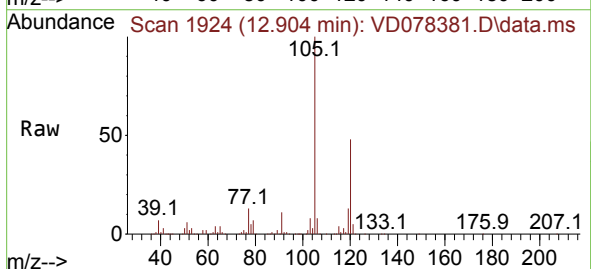
Acq: 08 Feb 2024 20:46

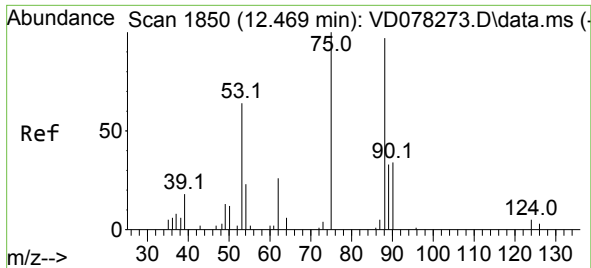
Tgt Ion: 105 Resp: 337157

Ion Ratio Lower Upper

105 100

120 48.4 26.4 79.2

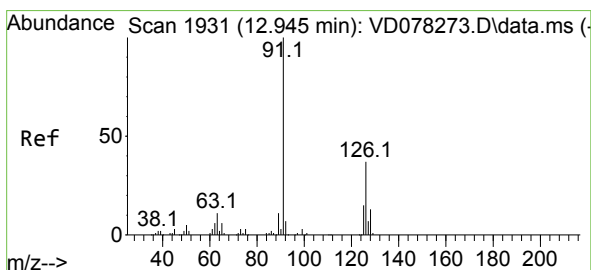
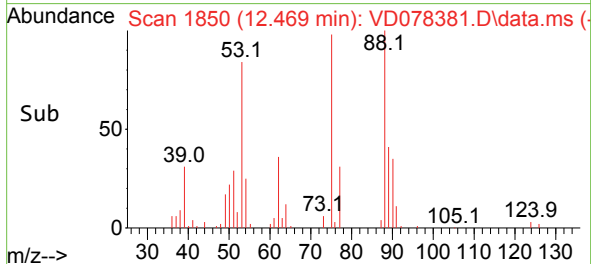
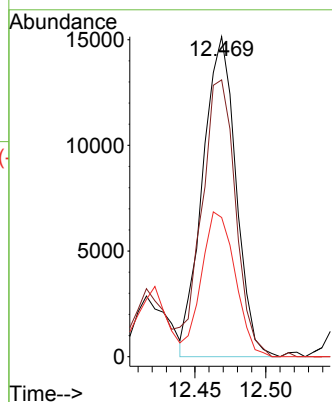
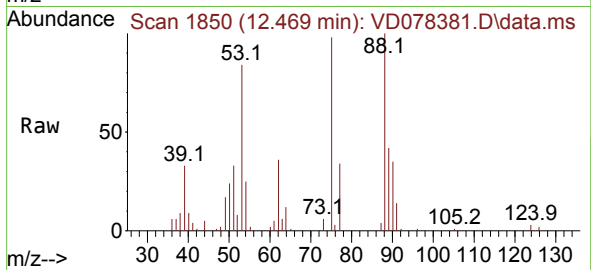




#81
trans-1,4-Dichloro-2-butene
Concen: 58.661 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

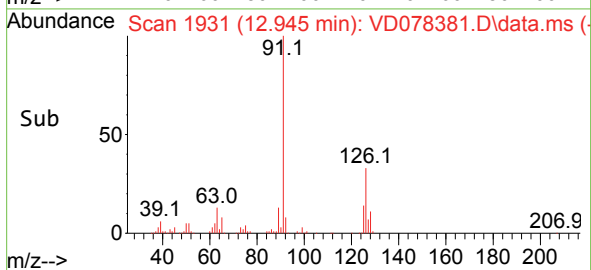
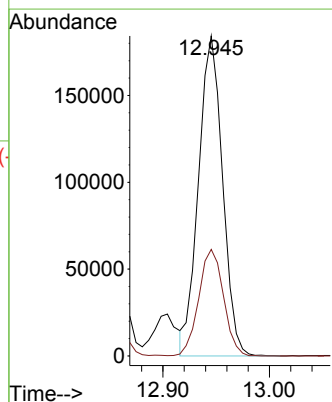
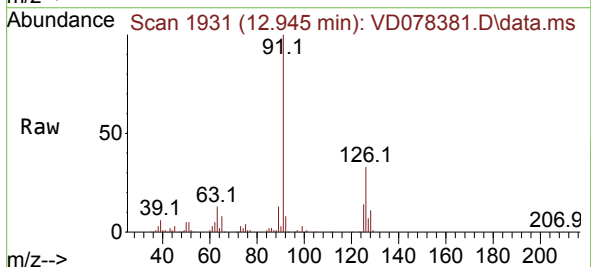
Instrument :
MSVOA_D
ClientSampleId :

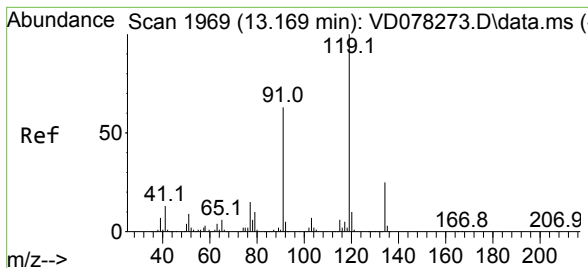
Tgt Ion:	75	Resp:	24685
Ion	Ratio	Lower	Upper
75	100		
53	89.0	63.0	94.4
89	45.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 60.065 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:	91	Resp:	289287
Ion	Ratio	Lower	Upper
91	100		
126	34.3	19.4	58.4





#83

tert-Butylbenzene

Concen: 57.788 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :

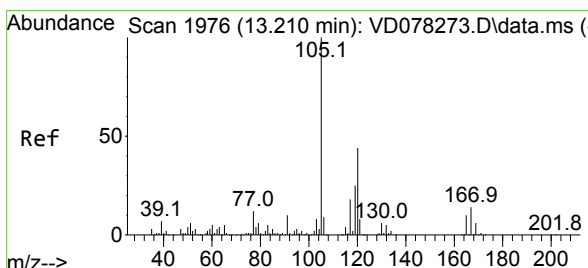
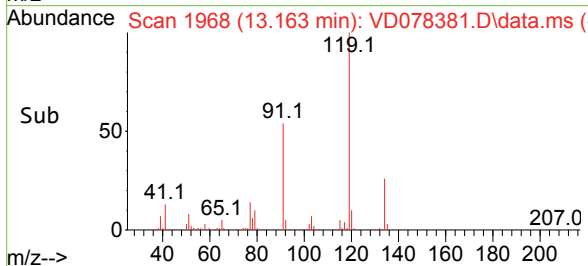
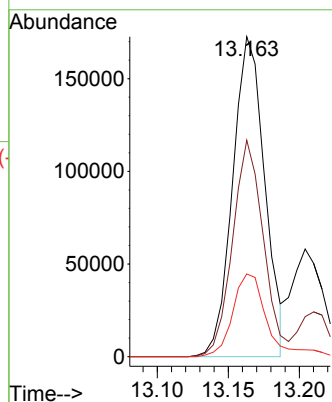
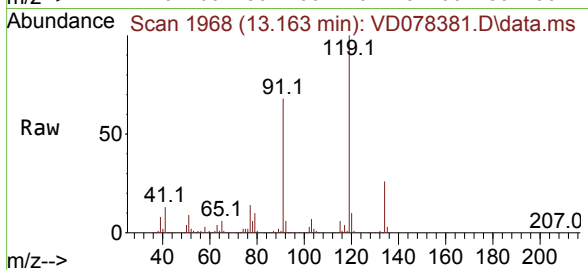
Tgt Ion:119 Resp: 271762

Ion Ratio Lower Upper

119 100

91 65.1 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 61.393 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078381.D

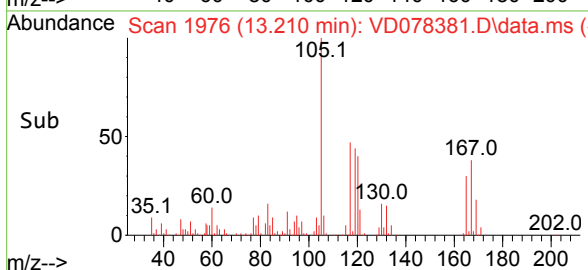
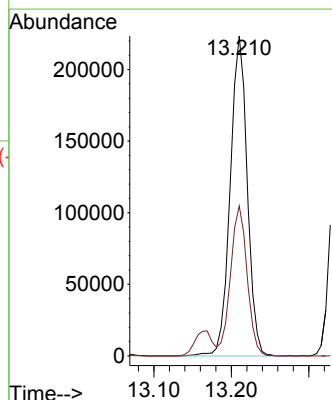
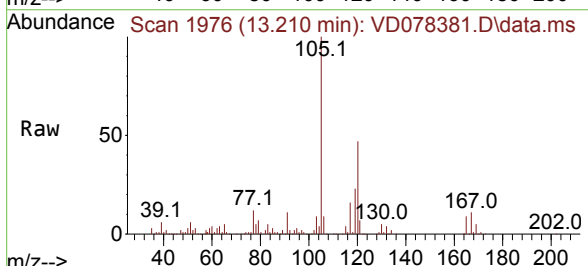
Acq: 08 Feb 2024 20:46

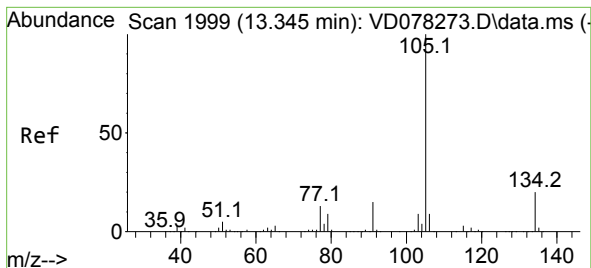
Tgt Ion:105 Resp: 342334

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 59.135 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

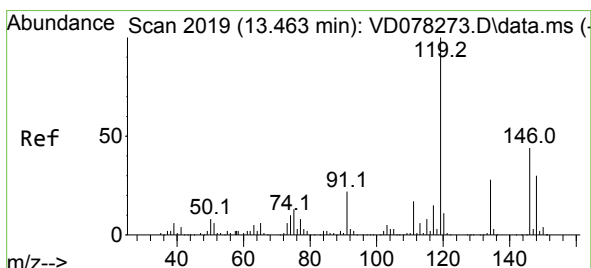
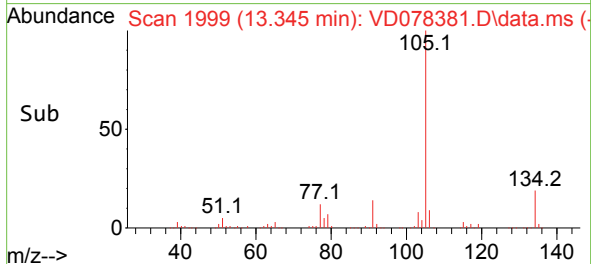
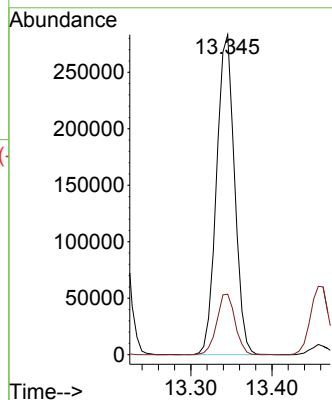
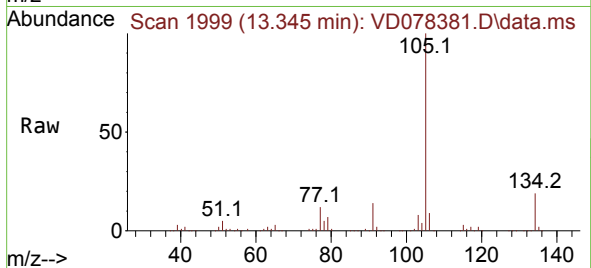
ClientSampleId :

Tgt Ion:105 Resp: 436461

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 60.837 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

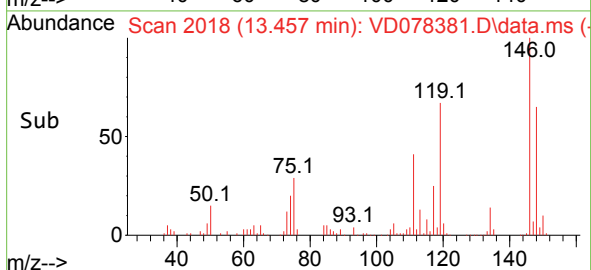
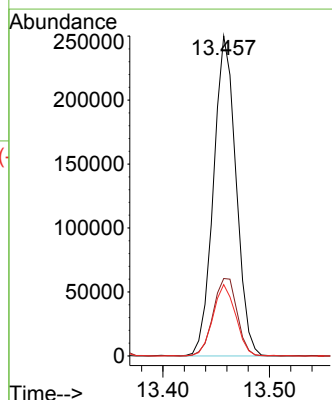
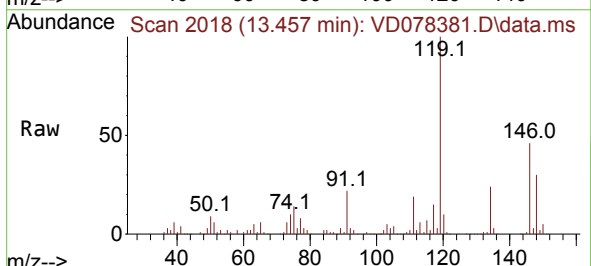
Tgt Ion:119 Resp: 367777

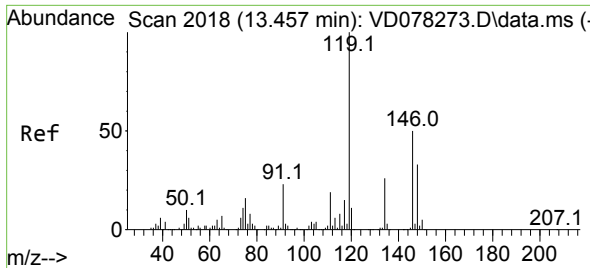
Ion Ratio Lower Upper

119 100

134 25.7 14.2 42.6

91 22.7 10.5 31.5

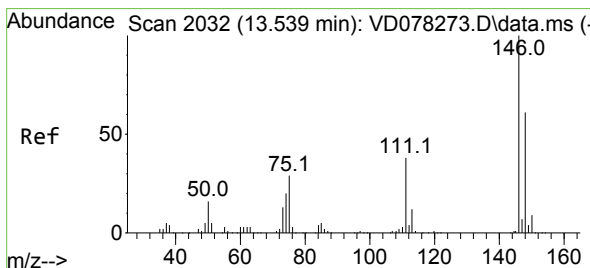
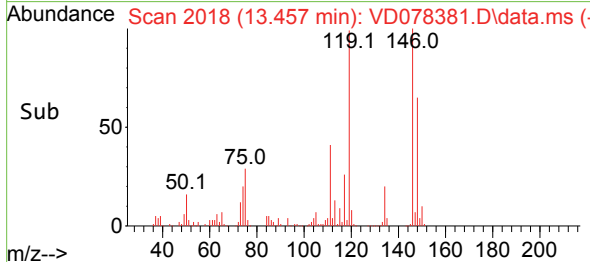
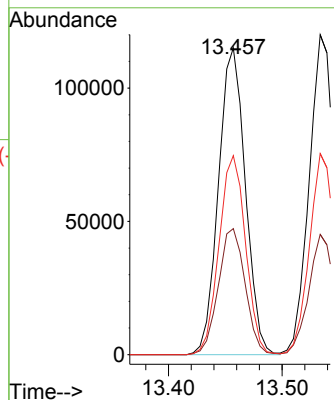
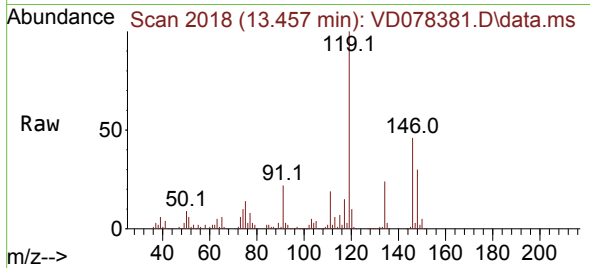




#87
1,3-Dichlorobenzene
Concen: 61.144 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

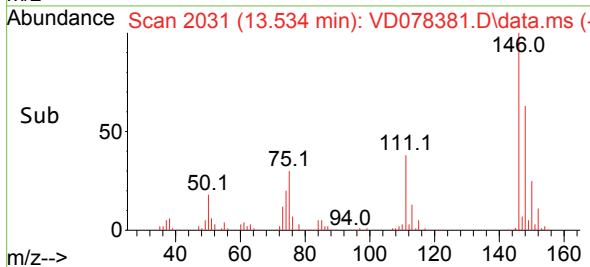
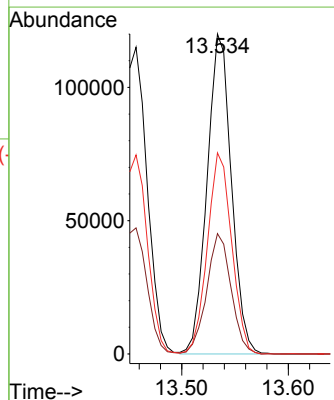
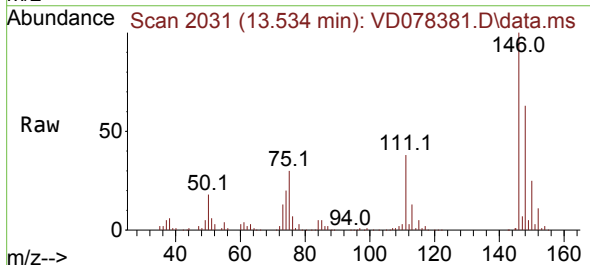
Instrument :
MSVOA_D
ClientSampleId :

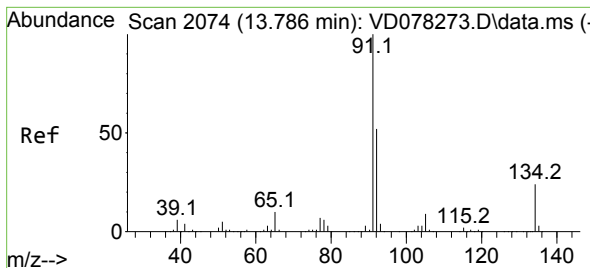
Tgt Ion:146 Resp: 189376
Ion Ratio Lower Upper
146 100
111 41.1 17.9 53.8
148 64.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 62.260 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:146 Resp: 190789
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 58.738 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :

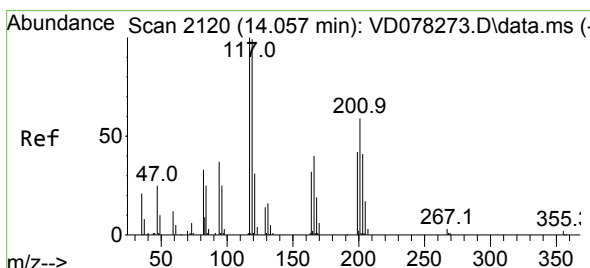
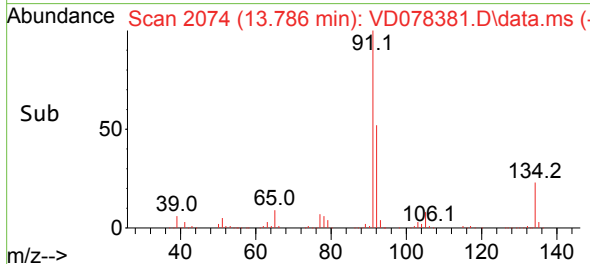
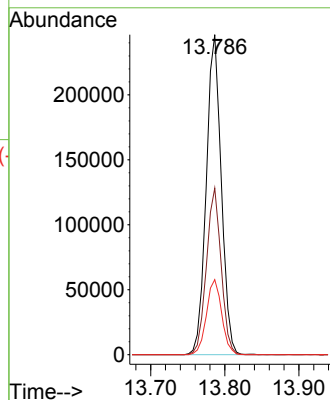
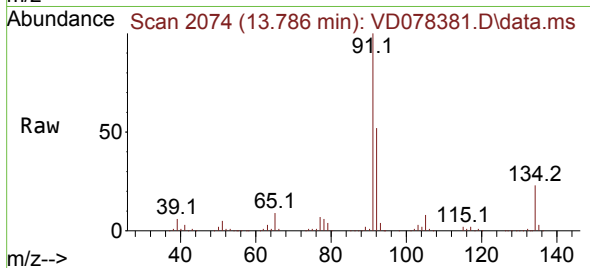
Tgt Ion: 91 Resp: 346014

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 23.9 13.8 41.3



#90

Hexachloroethane

Concen: 58.934 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078381.D

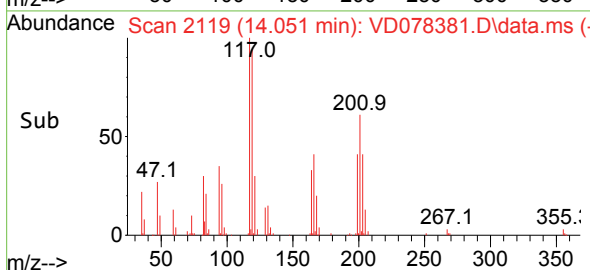
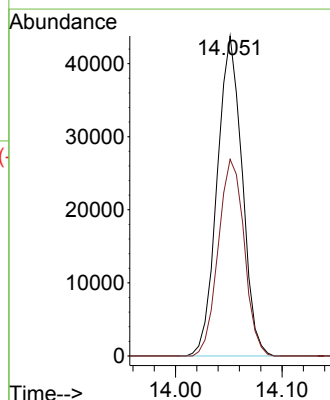
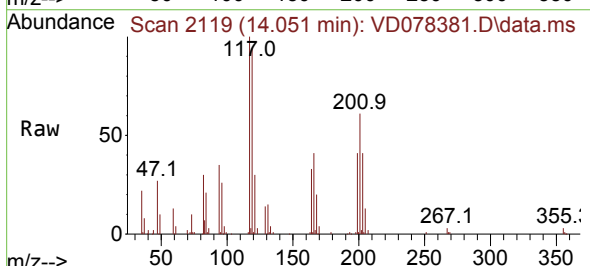
Acq: 08 Feb 2024 20:46

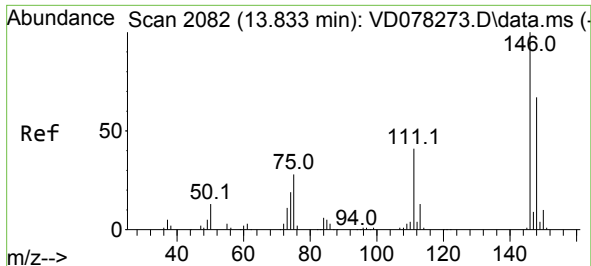
Tgt Ion: 117 Resp: 71161

Ion Ratio Lower Upper

117 100

201 63.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 63.472 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

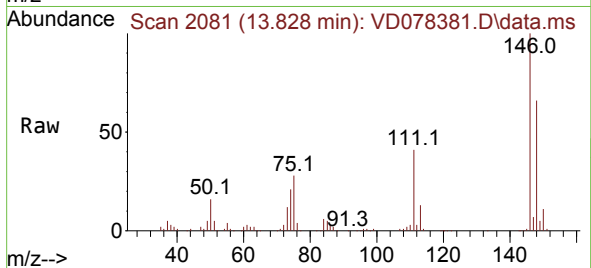
Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

Instrument :

MSVOA_D

ClientSampleId :



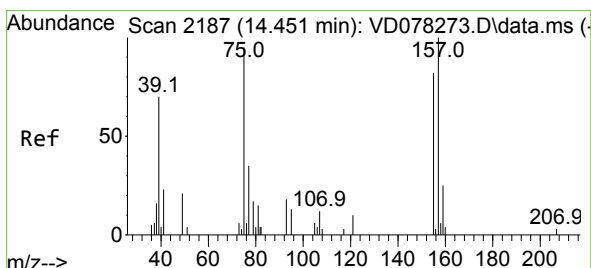
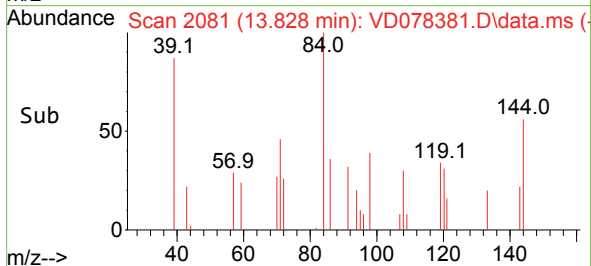
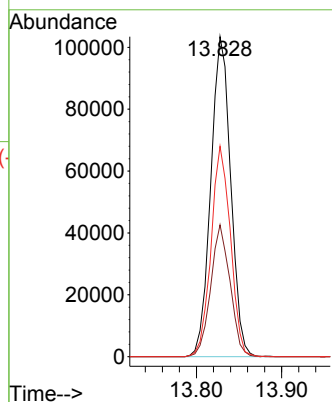
Tgt Ion:146 Resp: 168182

Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

148 64.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.112 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078381.D

Acq: 08 Feb 2024 20:46

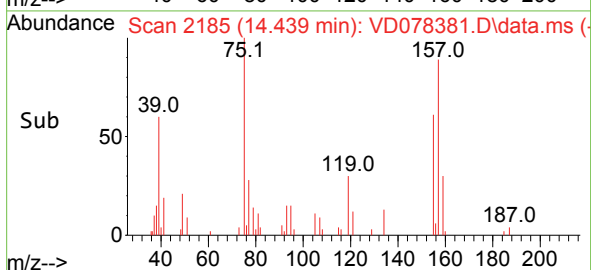
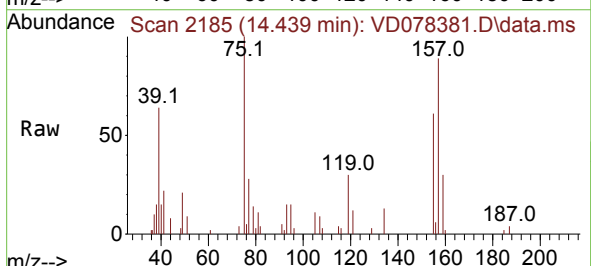
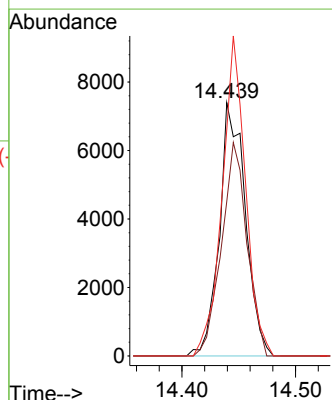
Tgt Ion: 75 Resp: 11758

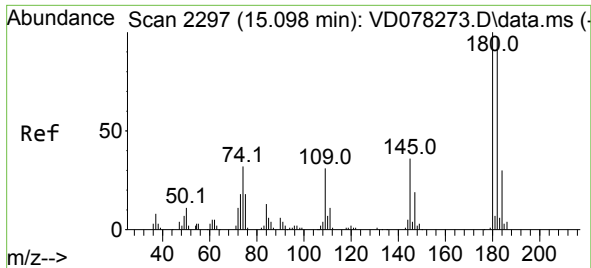
Ion Ratio Lower Upper

75 100

155 82.8 47.9 143.8

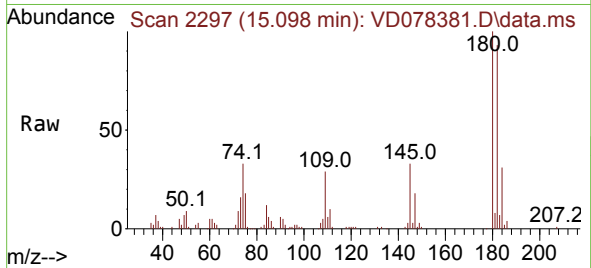
157 113.4 59.9 179.7



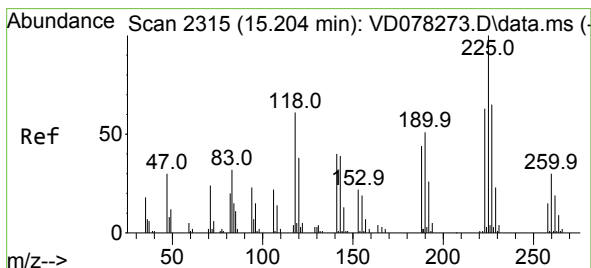
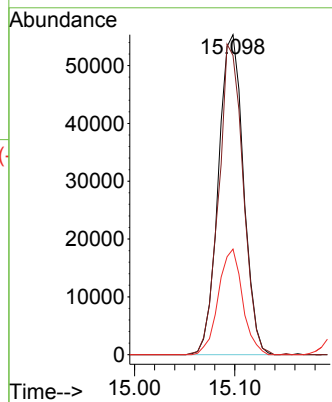
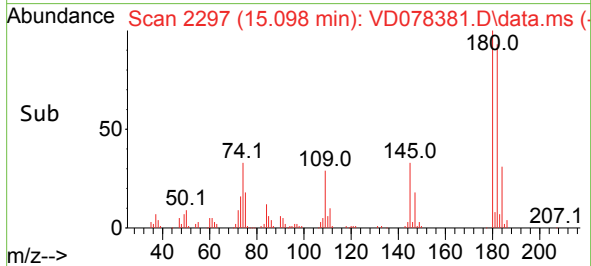


#93
1,2,4-Trichlorobenzene
Concen: 62.586 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

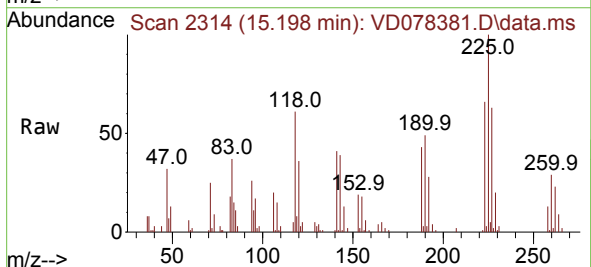
Instrument :
MSVOA_D
ClientSampleId :



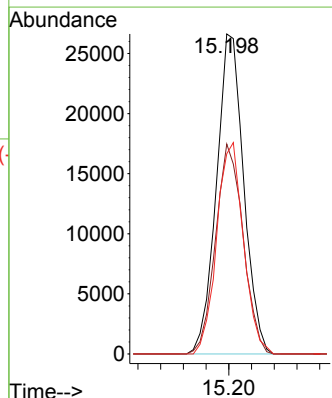
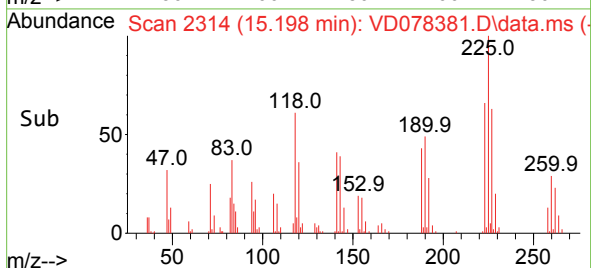
Tgt Ion:180 Resp: 95922
Ion Ratio Lower Upper
180 100
182 94.5 48.5 145.6
145 31.8 14.2 42.6

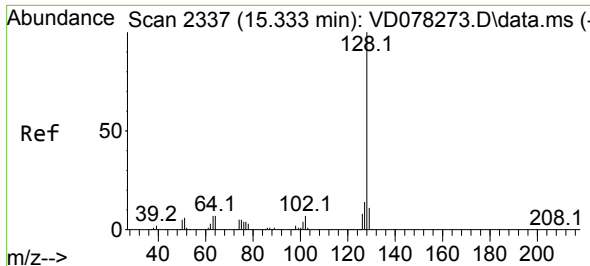


#94
Hexachlorobutadiene
Concen: 59.068 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46



Tgt Ion:225 Resp: 44361
Ion Ratio Lower Upper
225 100
223 66.2 31.6 94.8
227 64.7 31.7 95.1

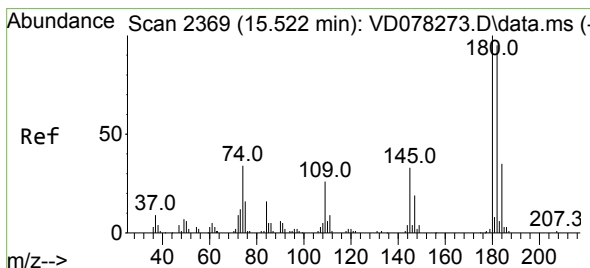
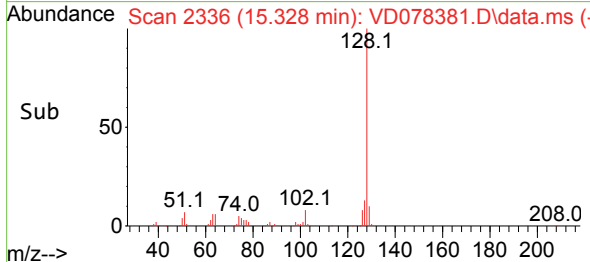
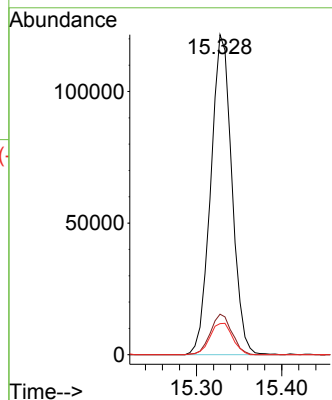
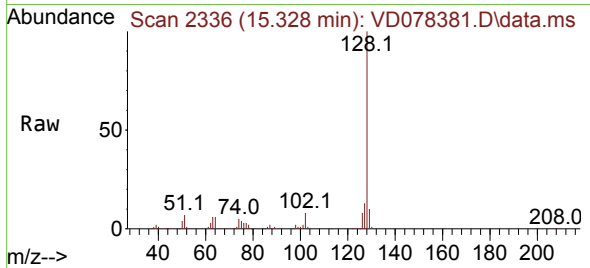




#95
Naphthalene
Concen: 68.560 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 209509
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 9.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 66.079 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078381.D
Acq: 08 Feb 2024 20:46

Tgt Ion:180 Resp: 89173
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 32.5 15.1 45.3

