

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078191.D
 Acq On : 22 Jan 2024 12:20
 Operator : RP/MD
 Sample : VSTDIC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	154553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	267105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	179680	101.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.680%#	
35) Dibromofluoromethane	7.811	113	179334	102.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 204.040%#	
50) Toluene-d8	10.269	98	745661	107.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 214.240%#	
62) 4-Bromofluorobenzene	12.575	95	215462	106.738	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 213.480%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	143622	100.075	ug/l	100
3) Chloromethane	2.152	50	237444	99.192	ug/l	99
4) Vinyl Chloride	2.287	62	334575	91.291	ug/l	100
5) Bromomethane	2.687	94	243534	91.055	ug/l	99
6) Chloroethane	2.840	64	233536	91.224	ug/l	99
7) Trichlorofluoromethane	3.181	101	302654	90.789	ug/l	98
8) Diethyl Ether	3.599	74	93432	101.105	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	181763	94.140	ug/l	94
10) Methyl Iodide	4.170	142	212560	109.825	ug/l	# 90
11) Tert butyl alcohol	5.058	59	46746	538.169	ug/l	100
12) 1,1-Dichloroethene	3.946	96	183431	95.905	ug/l	88
13) Acrolein	3.799	56	104023	521.678	ug/l	99
14) Allyl chloride	4.570	41	235348	93.286	ug/l	90
15) Acrylonitrile	5.264	53	204427	492.974	ug/l	98
16) Acetone	4.023	43	203289	503.294	ug/l	# 83
17) Carbon Disulfide	4.275	76	574635	92.654	ug/l	98
18) Methyl Acetate	4.564	43	154270	101.629	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	413598	103.699	ug/l	100
20) Methylene Chloride	4.805	84	206149	100.802	ug/l	# 88
21) trans-1,2-Dichloroethene	5.317	96	210110	95.066	ug/l	92
22) Diisopropyl ether	6.222	45	530129	99.303	ug/l	96
23) Vinyl Acetate	6.158	43	1357526	516.130	ug/l	# 92
24) 1,1-Dichloroethane	6.117	63	351626	95.322	ug/l	96
25) 2-Butanone	7.087	43	270328	496.396	ug/l	# 87
26) 2,2-Dichloropropane	7.081	77	305965	99.013	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	240665	101.370	ug/l	93
28) Bromochloromethane	7.434	49	141271	98.191	ug/l	# 79
29) Tetrahydrofuran	7.446	42	152001	522.199	ug/l	87
30) Chloroform	7.599	83	365595	97.453	ug/l	97
31) Cyclohexane	7.881	56	295584	90.608	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	311736	96.195	ug/l	99
36) 1,1-Dichloropropene	8.011	75	293656	101.583	ug/l	94
37) Ethyl Acetate	7.169	43	109145	101.419	ug/l	# 92
38) Carbon Tetrachloride	7.999	117	288325	100.988	ug/l	97
39) Methylcyclohexane	9.275	83	356861	104.384	ug/l	91
40) Benzene	8.252	78	848019	103.373	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	63427	109.530	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	217827	102.053	ug/l	94
43) Isopropyl Acetate	8.363	43	208518	105.759	ug/l #	89
44) Trichloroethene	9.034	130	212167	101.093	ug/l	95
45) 1,2-Dichloropropane	9.310	63	205977	101.185	ug/l	100
46) Dibromomethane	9.399	93	114296	102.241	ug/l	89
47) Bromodichloromethane	9.587	83	281839	100.363	ug/l	97
48) Methyl methacrylate	9.381	41	123597	108.278	ug/l #	79
49) 1,4-Dioxane	9.387	88	22662	2095.037	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	549935	530.794	ug/l	91
52) Toluene	10.334	92	540917	104.024	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	281824	108.782	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	330324	106.360	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	151989	101.606	ug/l	95
56) Ethyl methacrylate	10.599	69	138031	112.723	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	266839	104.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	411236	560.408	ug/l	95
59) 2-Hexanone	10.922	43	408340	485.009	ug/l	88
60) Dibromochloromethane	11.075	129	186206	105.582	ug/l	96
61) 1,2-Dibromoethane	11.181	107	145106	105.235	ug/l	100
64) Tetrachloroethene	10.810	164	165098	99.789	ug/l	90
65) Chlorobenzene	11.610	112	557606	99.757	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	208558	104.409	ug/l	96
67) Ethyl Benzene	11.687	91	1071087	105.299	ug/l	97
68) m/p-Xylenes	11.793	106	814619	209.689	ug/l	89
69) o-Xylene	12.122	106	376694	106.844	ug/l	91
70) Styrene	12.134	104	571093	108.098	ug/l	95
71) Bromoform	12.299	173	102863	103.985	ug/l #	98
73) Isopropylbenzene	12.422	105	981083	102.441	ug/l	96
74) N-amyl acetate	12.234	43	191499	104.513	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	171726	96.365	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	221929	197.150	ug/l #	100
77) Bromobenzene	12.704	156	212912	101.399	ug/l	84
78) n-propylbenzene	12.763	91	1207456	101.653	ug/l	95
79) 2-Chlorotoluene	12.851	91	635268	100.220	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	826116	104.031	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	58710	108.251	ug/l	96
82) 4-Chlorotoluene	12.946	91	682826	102.191	ug/l	93
83) tert-Butylbenzene	13.169	119	700518	105.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	850880	105.946	ug/l	95
85) sec-Butylbenzene	13.346	105	1031164	102.587	ug/l	96
86) p-Isopropyltoluene	13.463	119	935053	106.898	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	452690	104.129	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	426168	99.224	ug/l	97
89) n-Butylbenzene	13.787	91	880332	103.383	ug/l	97
90) Hexachloroethane	14.051	117	171573	99.993	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	367757	100.598	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24271	95.306	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	231130	102.281	ug/l	97
94) Hexachlorobutadiene	15.204	225	111438	102.051	ug/l	100
95) Naphthalene	15.334	128	473626	112.101	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	201206	106.125	ug/l	99

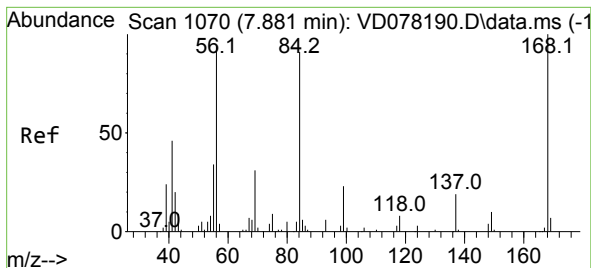
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
Data File : VD078191.D
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Quant Time: Jan 23 05:27:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:12:01 2024
Response via : 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: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

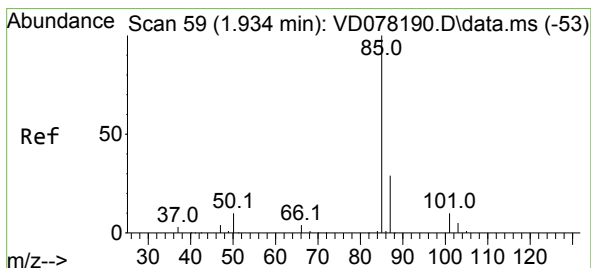
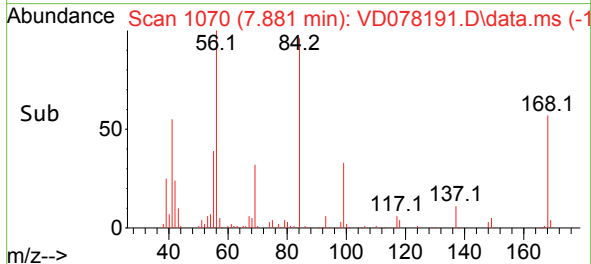
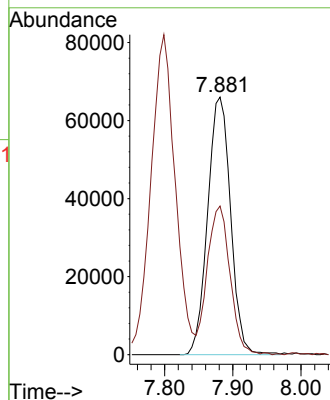
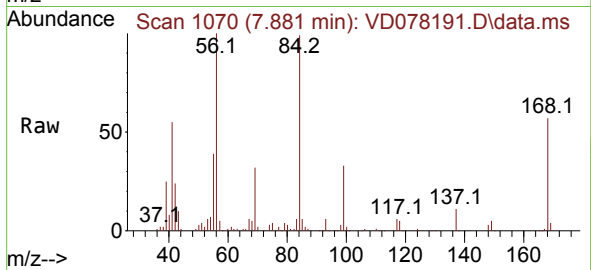
ClientSampleId :

Tgt Ion:168 Resp: 154553

Ion Ratio Lower Upper

168 100

99 57.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 100.075 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078191.D

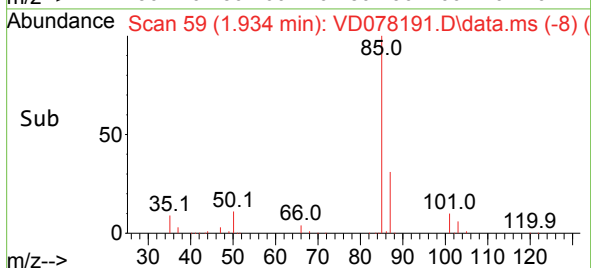
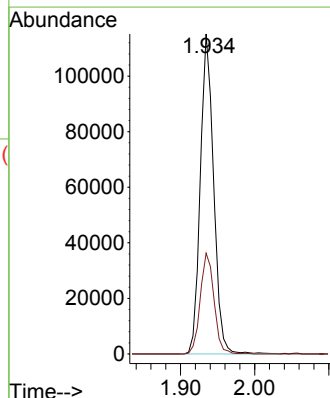
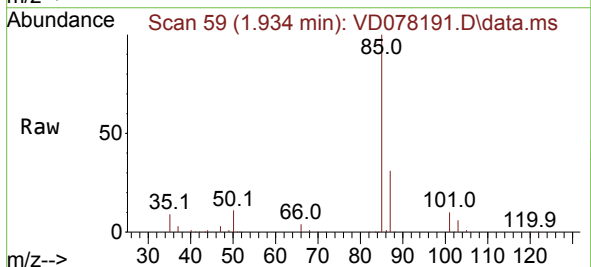
Acq: 22 Jan 2024 12:20

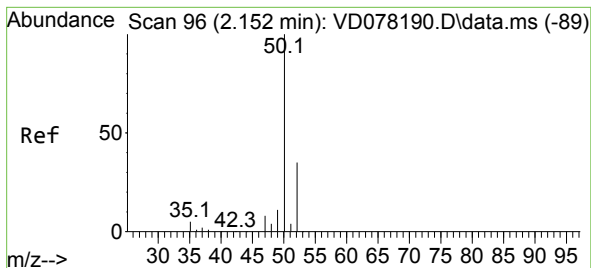
Tgt Ion: 85 Resp: 143622

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0





#3

Chloromethane

Concen: 99.192 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

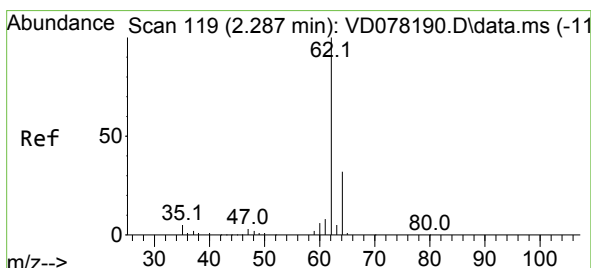
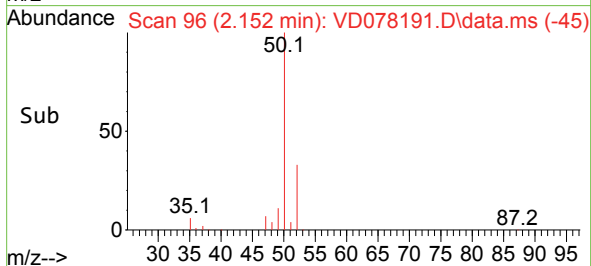
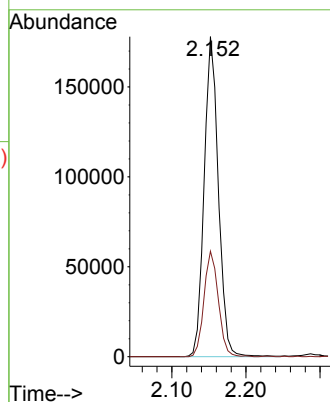
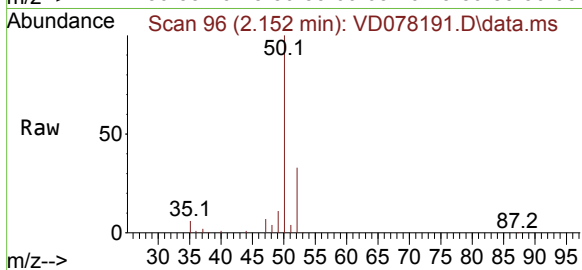
ClientSampleId :

Tgt Ion: 50 Resp: 237444

Ion Ratio Lower Upper

50 100

52 33.0 26.6 40.0



#4

Vinyl Chloride

Concen: 91.291 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078191.D

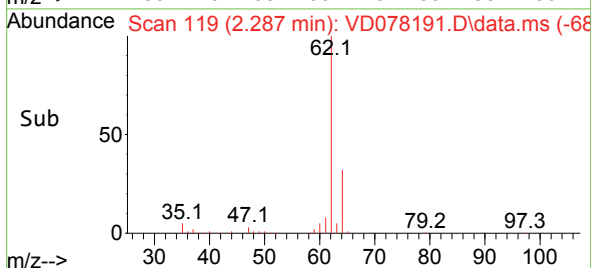
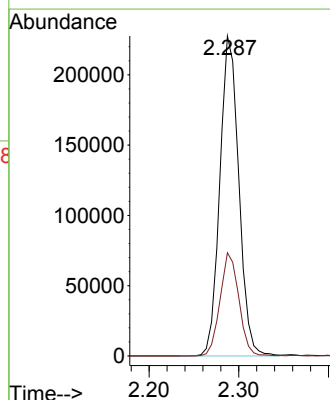
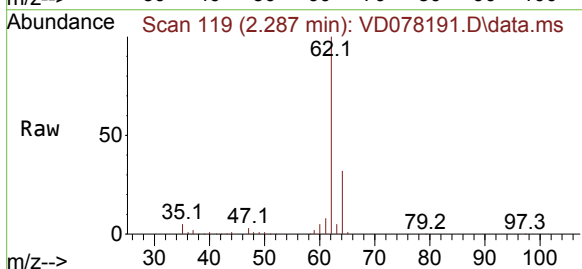
Acq: 22 Jan 2024 12:20

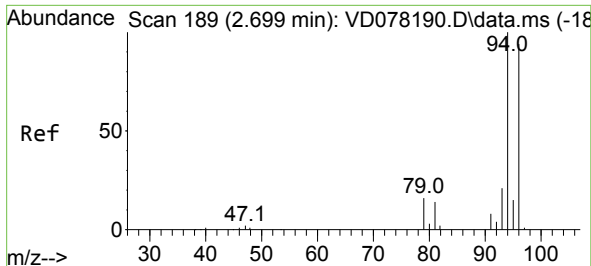
Tgt Ion: 62 Resp: 334575

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 91.055 ug/l

RT: 2.687 min Scan# 189

Delta R.T. -0.012 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

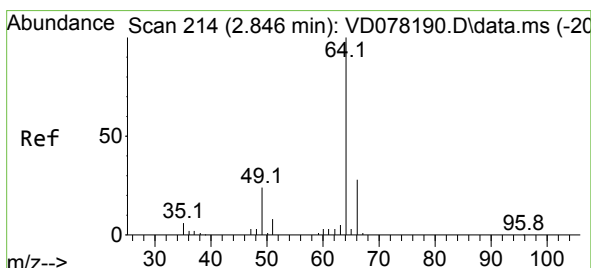
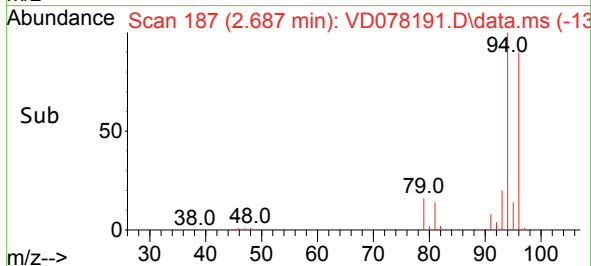
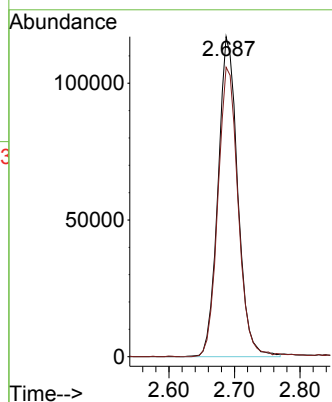
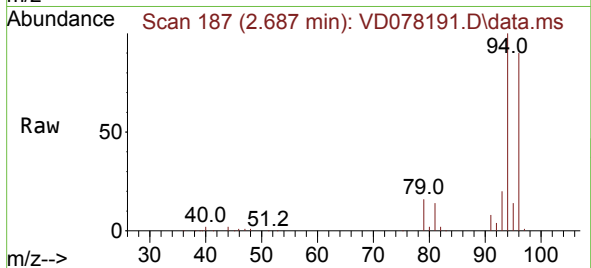
ClientSampleId :

Tgt Ion: 94 Resp: 243534

Ion Ratio Lower Upper

94 100

96 93.4 75.8 113.8



#6

Chloroethane

Concen: 91.224 ug/l

RT: 2.840 min Scan# 213

Delta R.T. -0.006 min

Lab File: VD078191.D

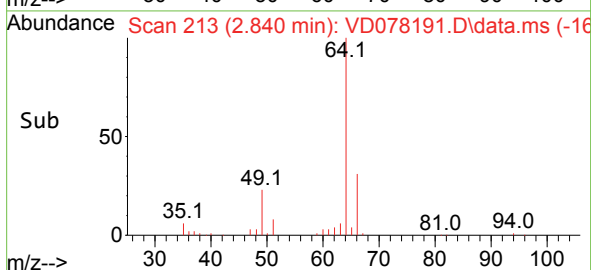
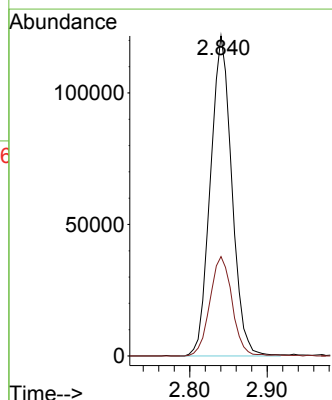
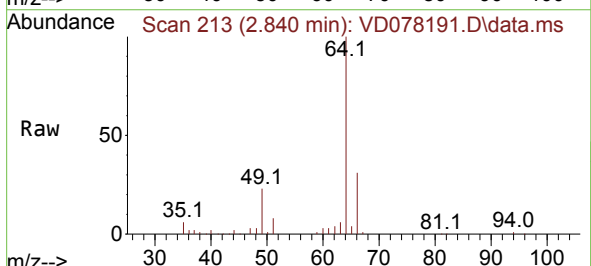
Acq: 22 Jan 2024 12:20

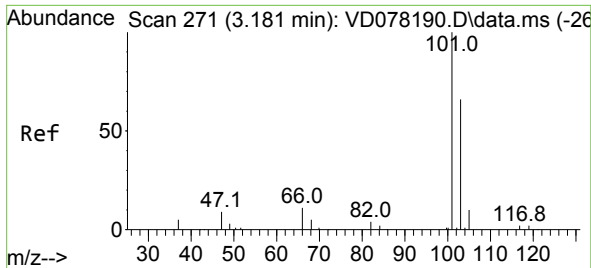
Tgt Ion: 64 Resp: 233536

Ion Ratio Lower Upper

64 100

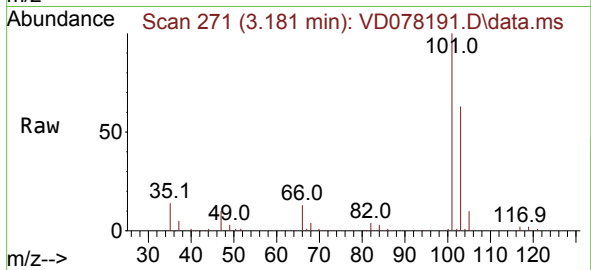
66 31.1 25.5 38.3



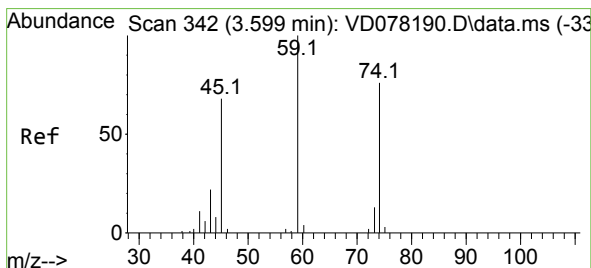
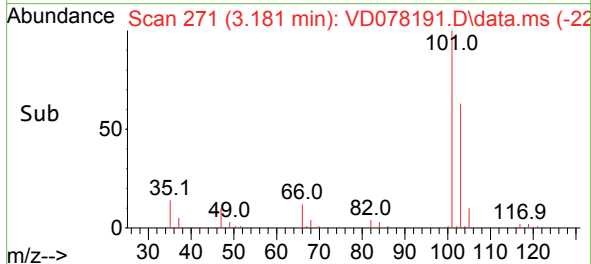
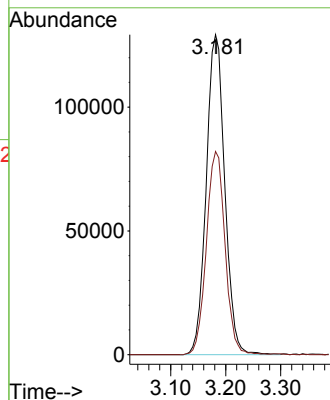


#7
 Trichlorofluoromethane
 Concen: 90.789 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

Instrument :
 MSVOA_D
 ClientSampleId :

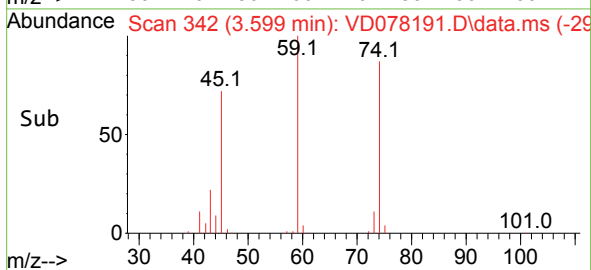
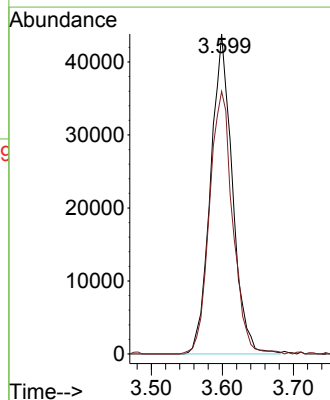
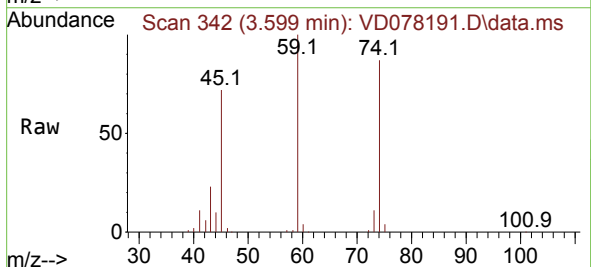


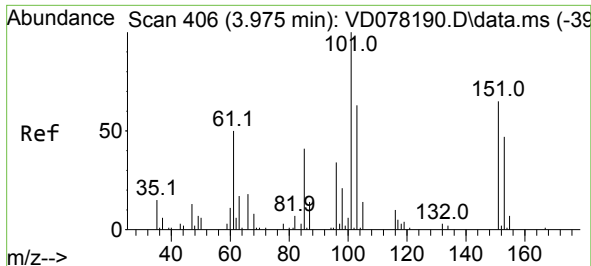
Tgt Ion:101 Resp: 302654
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 101.105 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

Tgt Ion: 74 Resp: 93432
 Ion Ratio Lower Upper
 74 100
 45 87.3 37.5 112.7

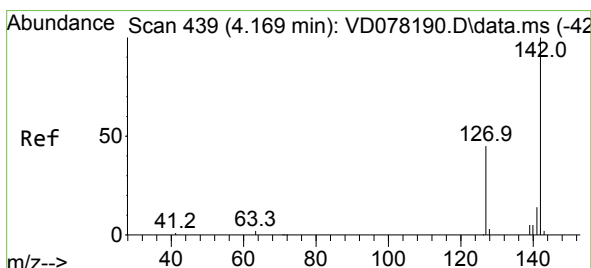
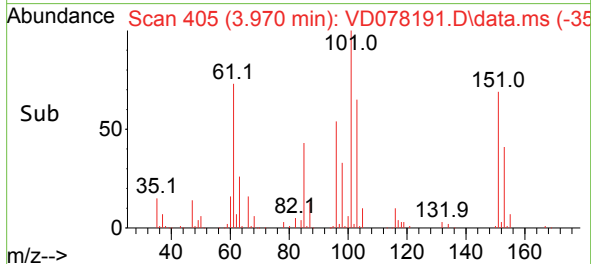
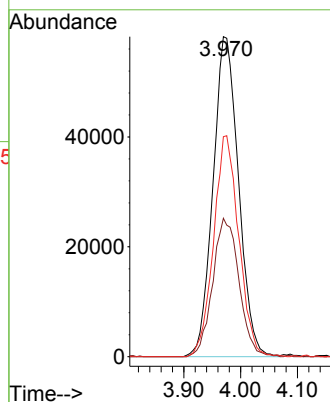
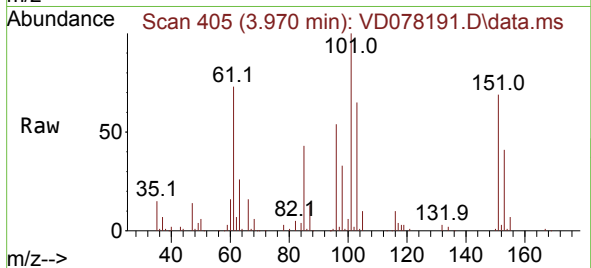




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.140 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

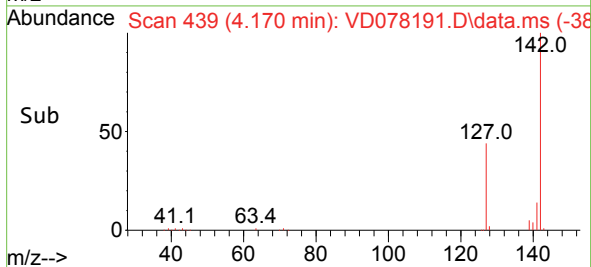
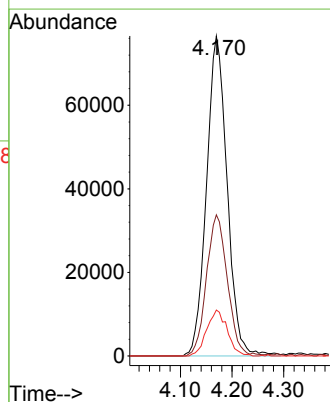
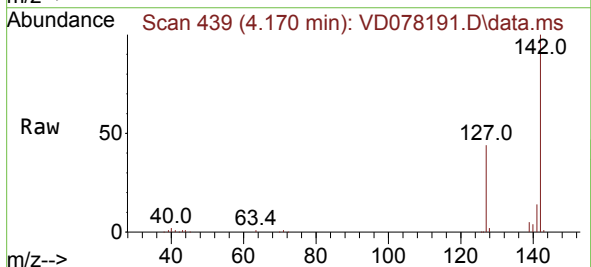
Instrument :
MSVOA_D
ClientSampleId :

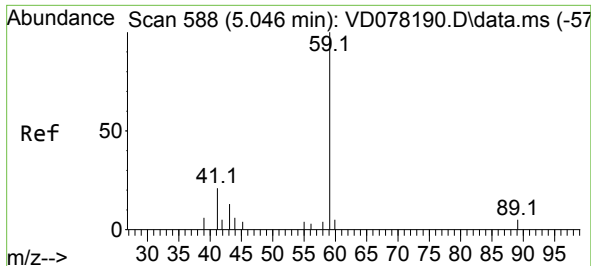
Tgt Ion:101 Resp: 181763
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 68.1 59.8 89.6



#10
Methyl Iodide
Concen: 109.825 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:142 Resp: 212560
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.3 11.1 16.7

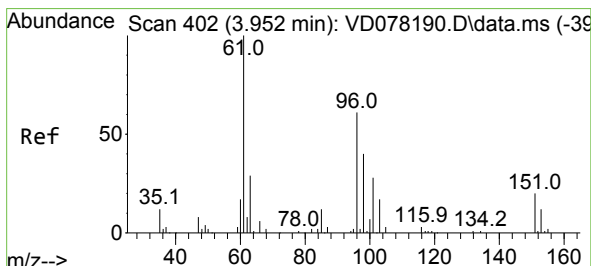
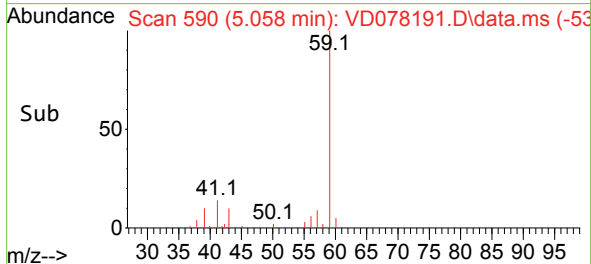
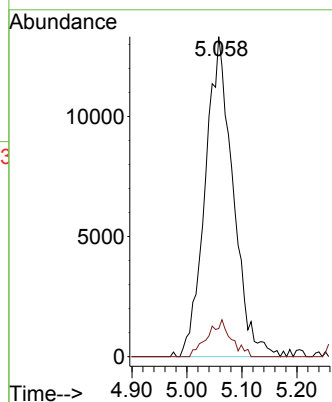
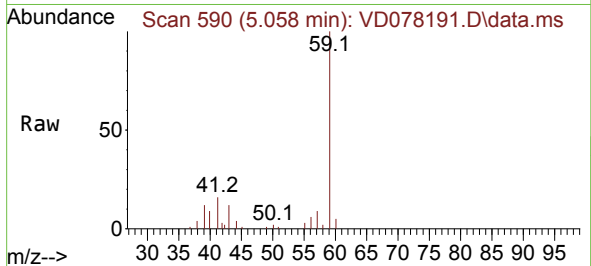




#11
Tert butyl alcohol
Concen: 538.169 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

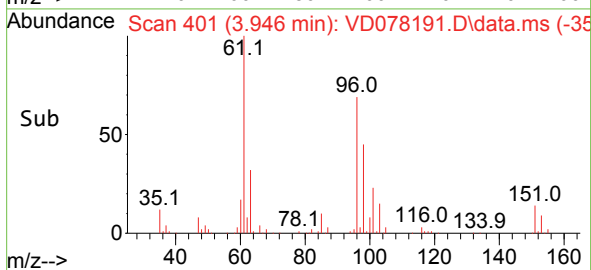
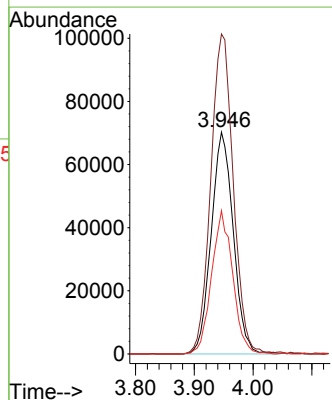
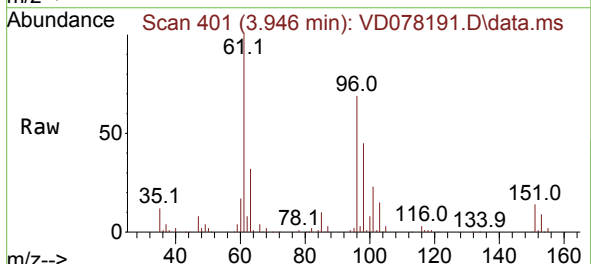
Instrument :
MSVOA_D
ClientSampleId :

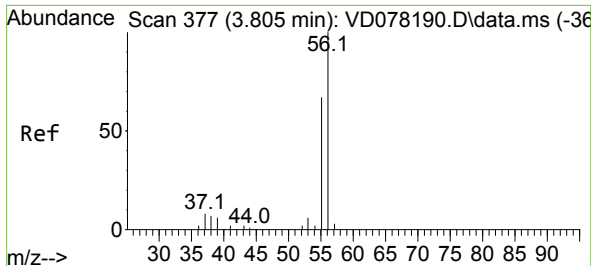
Tgt Ion: 59 Resp: 46746
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 95.905 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 96 Resp: 183431
Ion Ratio Lower Upper
96 100
61 144.3 100.6 150.8
98 64.5 50.2 75.2





#13

Acrolein

Concen: 521.678 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

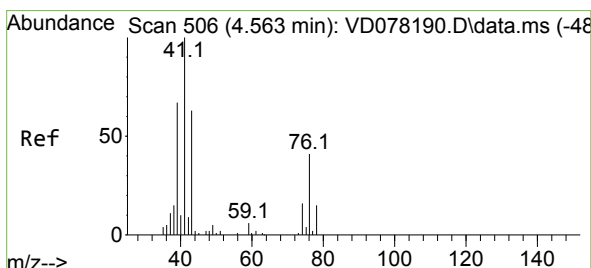
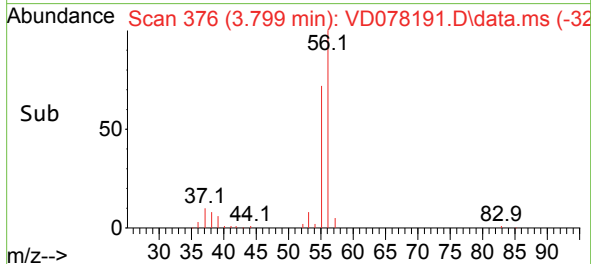
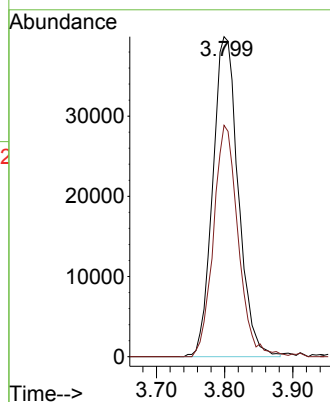
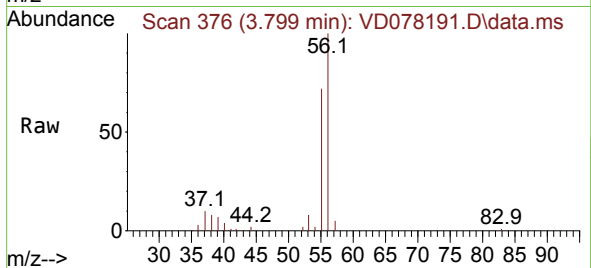
ClientSampleId :

Tgt Ion: 56 Resp: 104023

Ion Ratio Lower Upper

56 100

55 69.9 55.1 82.7



#14

Allyl chloride

Concen: 93.286 ug/l

RT: 4.570 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

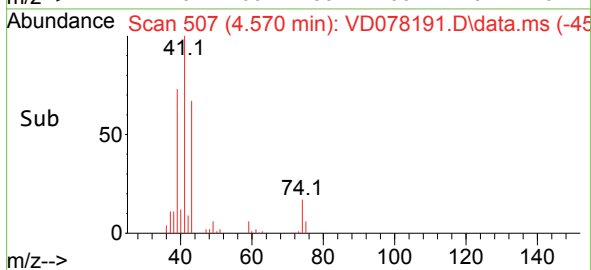
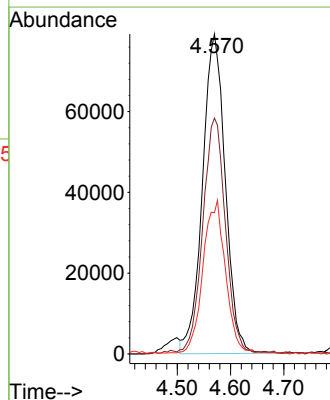
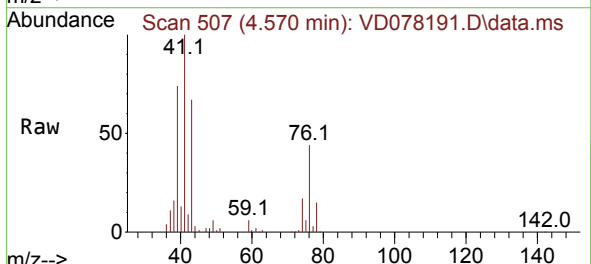
Tgt Ion: 41 Resp: 235348

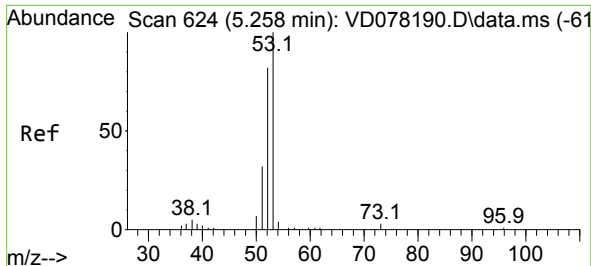
Ion Ratio Lower Upper

41 100

39 72.2 53.8 80.6

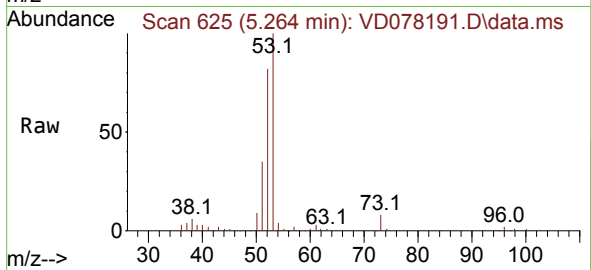
76 46.6 45.8 68.8



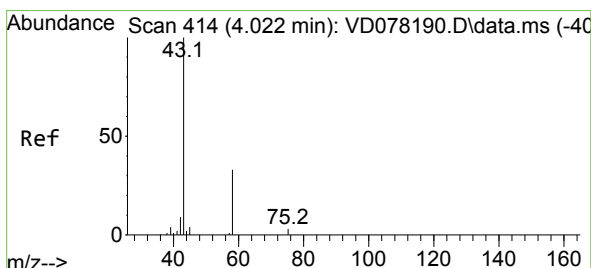
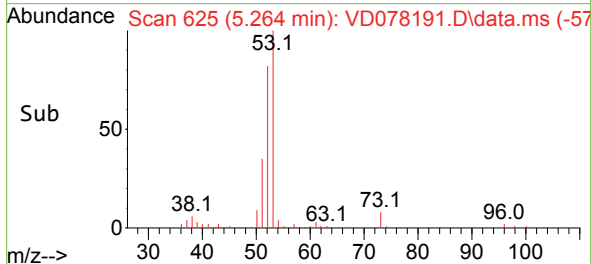
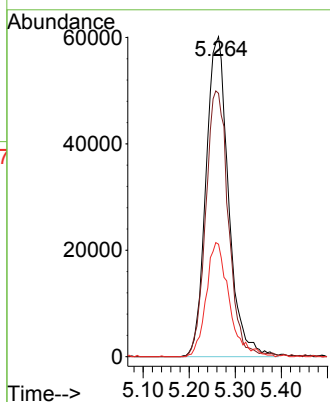


#15
Acrylonitrile
Concen: 492.974 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :

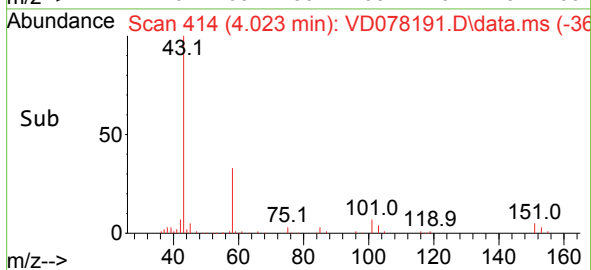
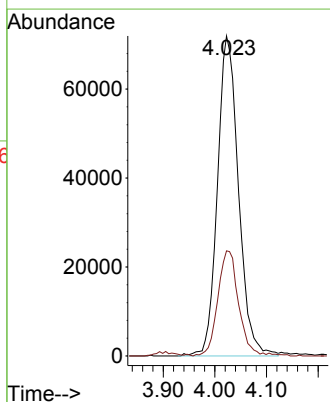
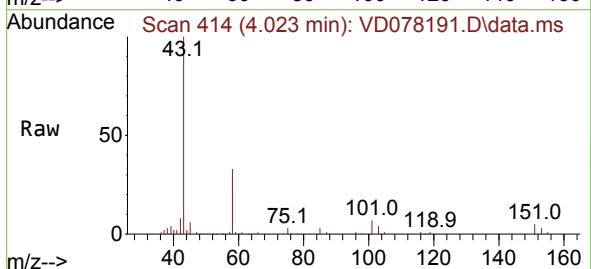


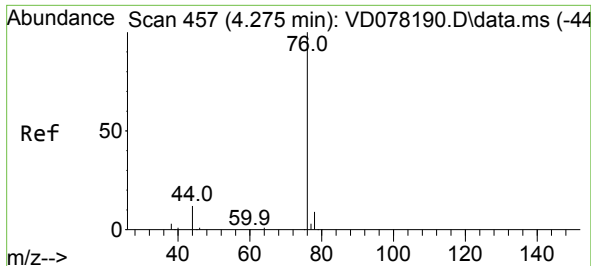
Tgt Ion: 53 Resp: 204427
Ion Ratio Lower Upper
53 100
52 83.7 65.0 97.4
51 35.5 28.3 42.5



#16
Acetone
Concen: 503.294 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.001 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 43 Resp: 203289
Ion Ratio Lower Upper
43 100
58 32.4 34.7 52.1#





#17

Carbon Disulfide

Concen: 92.654 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

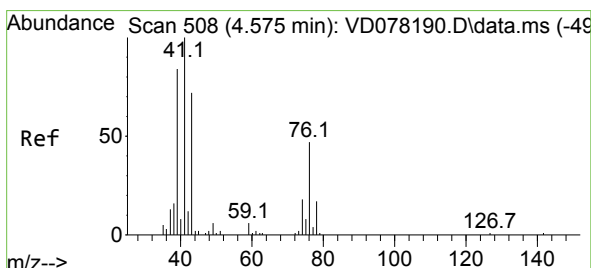
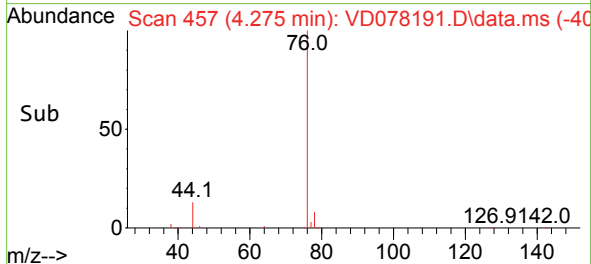
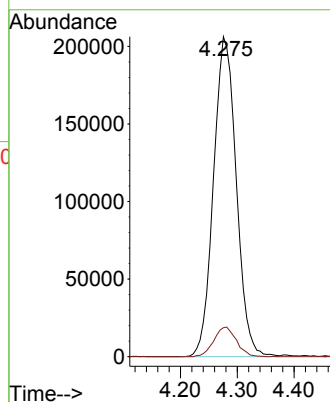
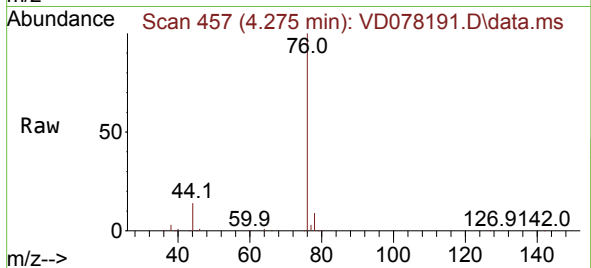
ClientSampleId :

Tgt Ion: 76 Resp: 574635

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 101.629 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.012 min

Lab File: VD078191.D

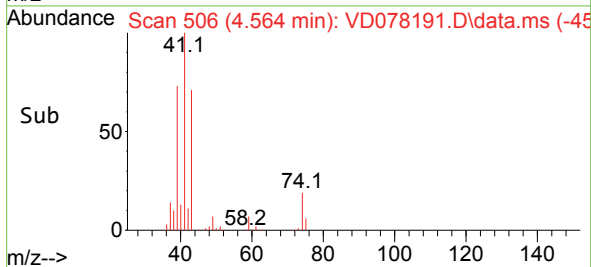
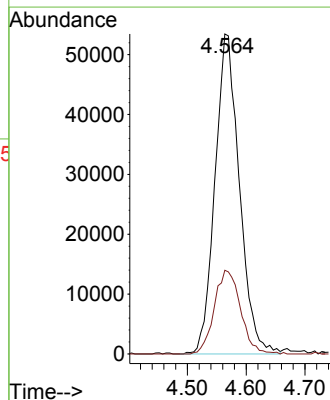
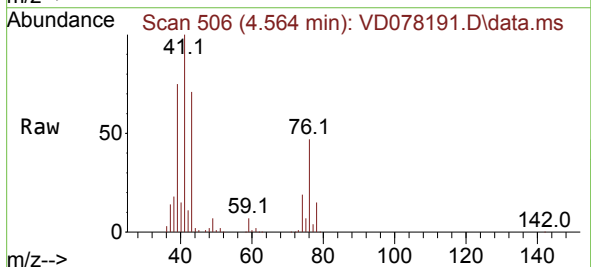
Acq: 22 Jan 2024 12:20

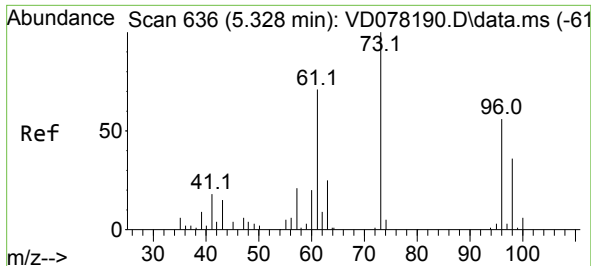
Tgt Ion: 43 Resp: 154270

Ion Ratio Lower Upper

43 100

74 28.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 103.699 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

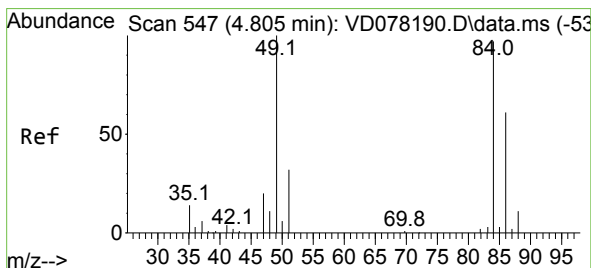
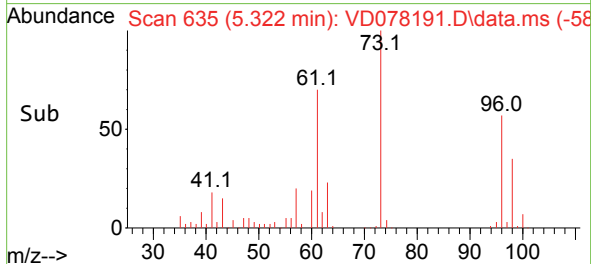
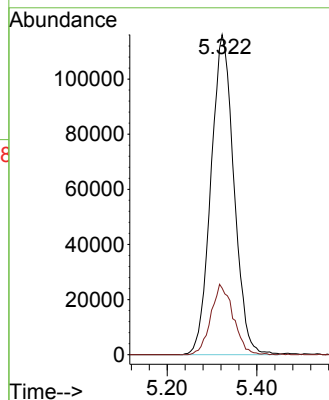
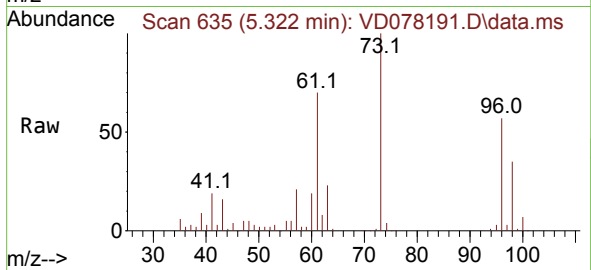
ClientSampleId :

Tgt Ion: 73 Resp: 413598

Ion Ratio Lower Upper

73 100

57 20.8 16.6 25.0



#20

Methylene Chloride

Concen: 100.802 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Tgt Ion: 84 Resp: 206149

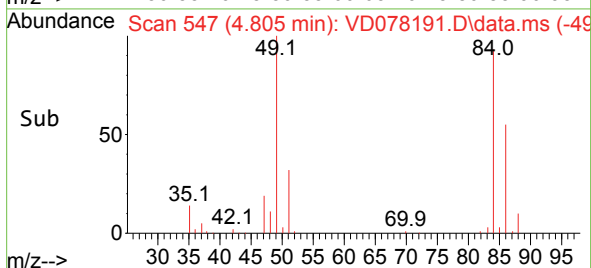
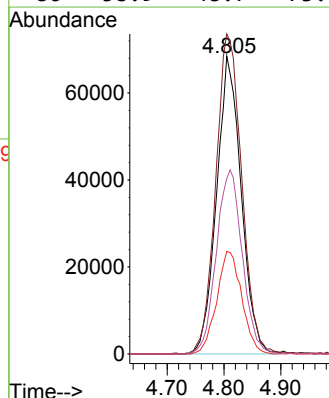
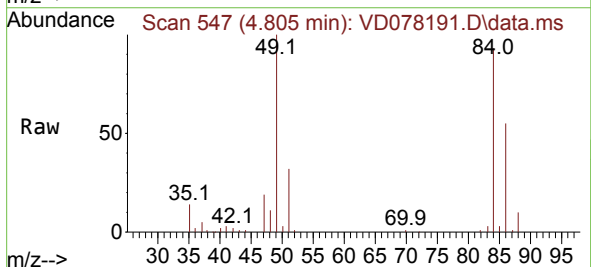
Ion Ratio Lower Upper

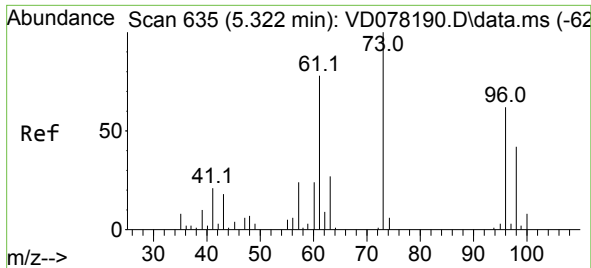
84 100

49 107.4 71.4 107.2#

51 34.5 24.5 36.7

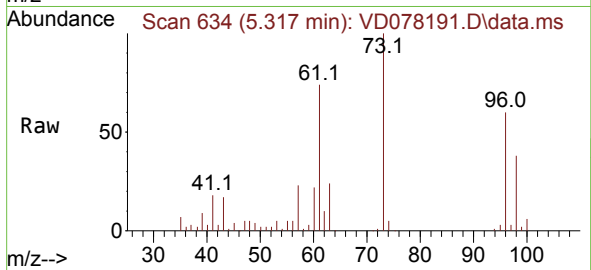
86 58.9 48.7 73.1



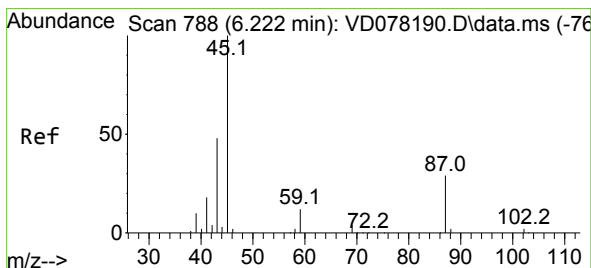
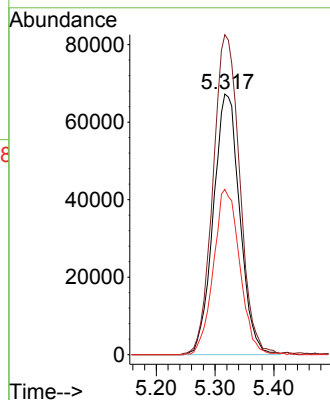
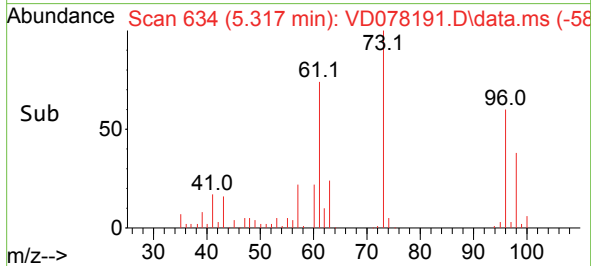


#21
trans-1,2-Dichloroethene
Concen: 95.066 ug/l
RT: 5.317 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :

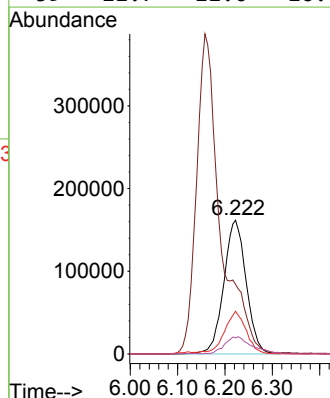
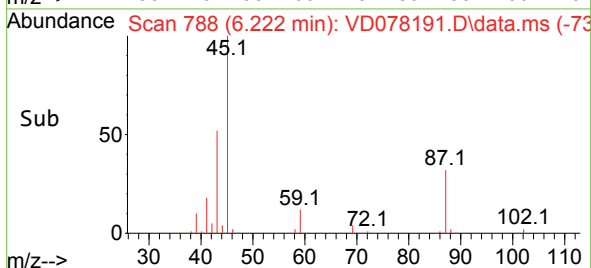
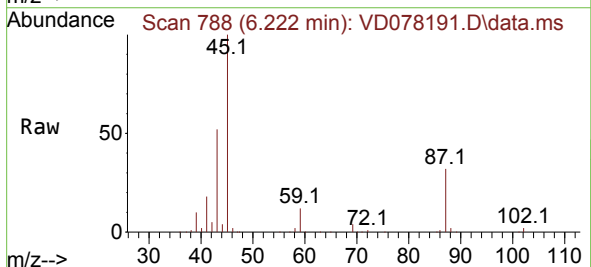


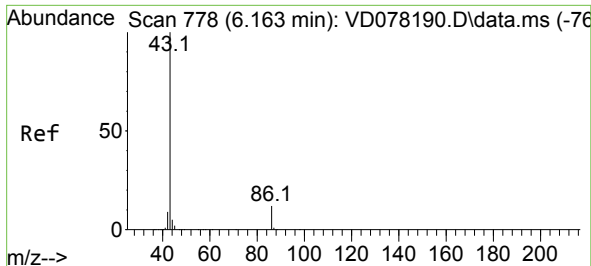
Tgt Ion: 96 Resp: 210110
Ion Ratio Lower Upper
96 100
61 122.8 89.3 133.9
98 63.4 48.6 73.0



#22
Diisopropyl ether
Concen: 99.303 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

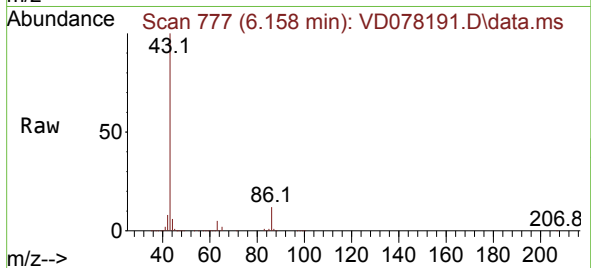
Tgt Ion: 45 Resp: 530129
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 31.7 28.2 42.4
59 11.7 11.0 16.4



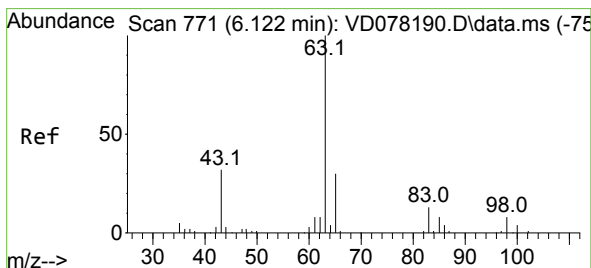
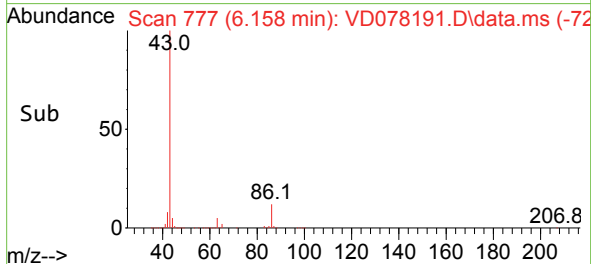
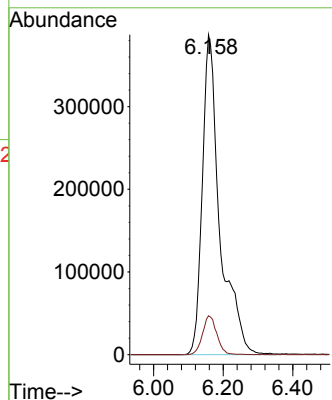


#23
 Vinyl Acetate
 Concen: 516.130 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

Instrument :
 MSVOA_D
 ClientSampleId :

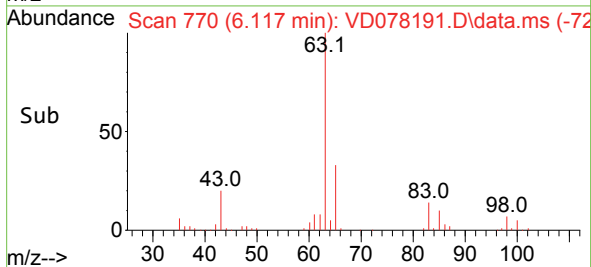
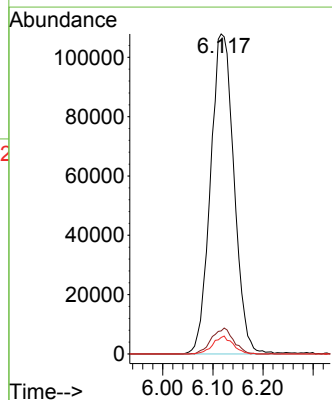
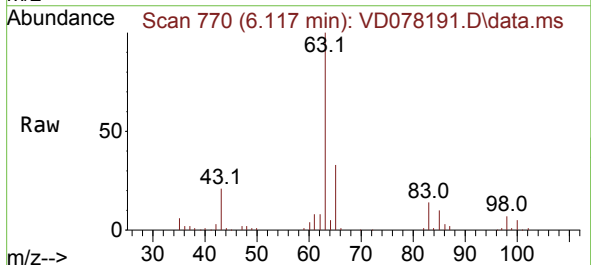


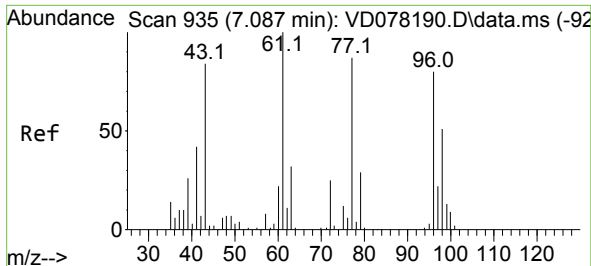
Tgt Ion: 43 Resp: 1357526
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 95.322 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

Tgt Ion: 63 Resp: 351626
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 5.2 2.5 7.5





#25

2-Butanone

Concen: 496.396 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

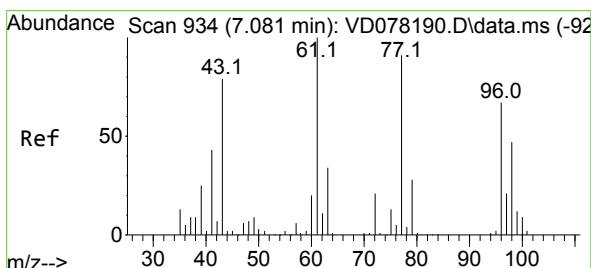
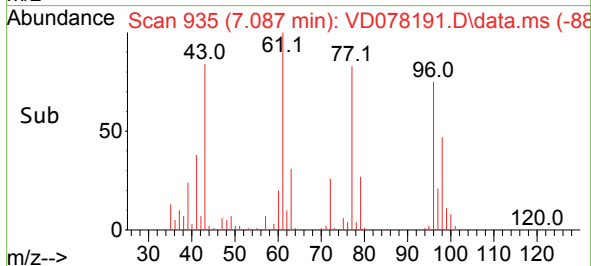
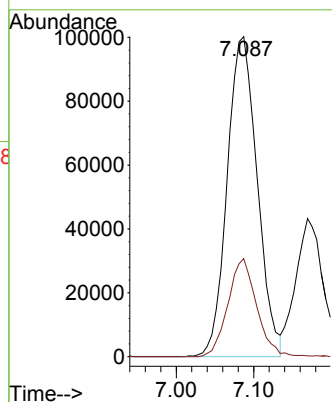
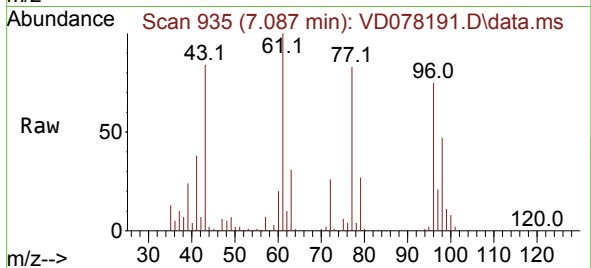
ClientSampleId :

Tgt Ion: 43 Resp: 270328

Ion Ratio Lower Upper

43 100

72 30.6 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 99.013 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078191.D

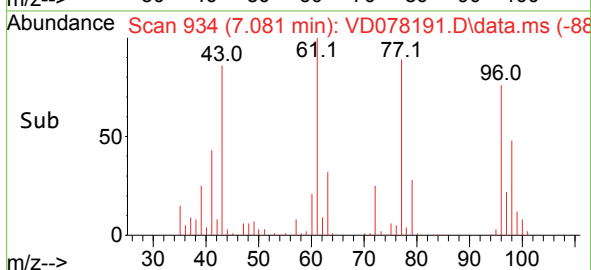
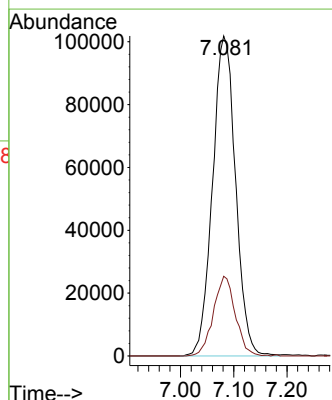
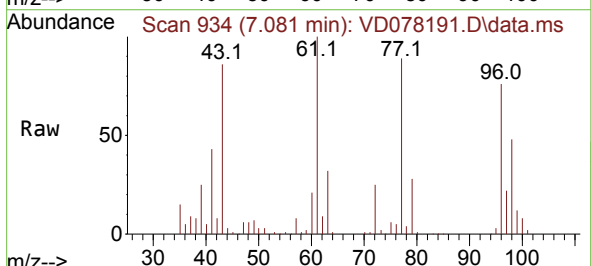
Acq: 22 Jan 2024 12:20

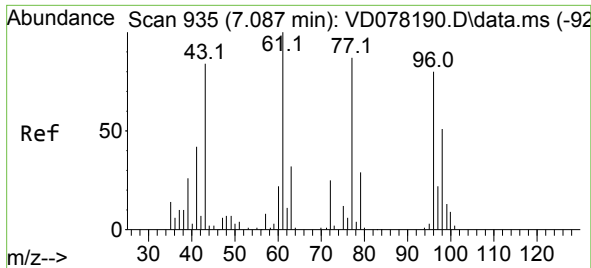
Tgt Ion: 77 Resp: 305965

Ion Ratio Lower Upper

77 100

97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 101.370 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

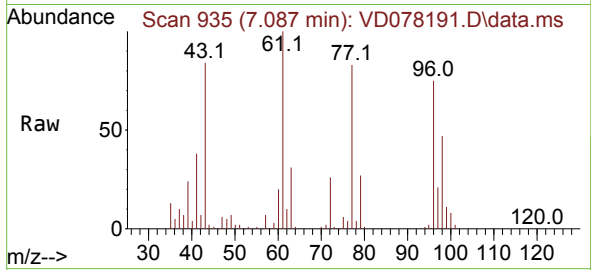
Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :



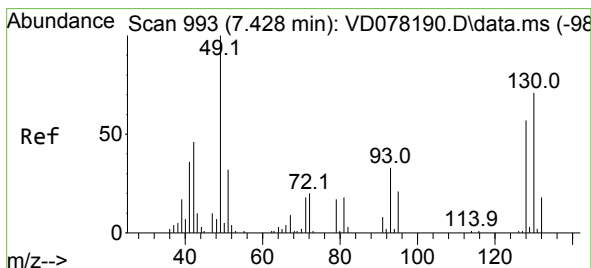
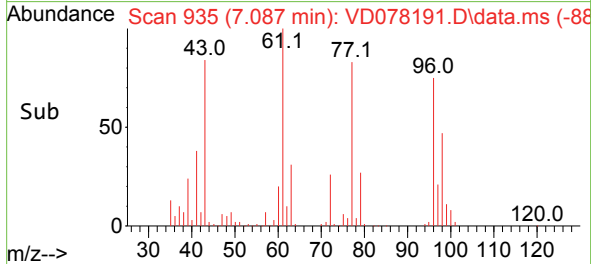
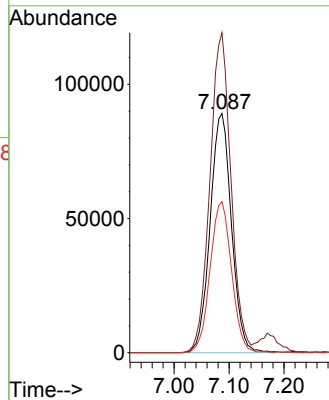
Tgt Ion: 96 Resp: 240665

Ion	Ratio	Lower	Upper
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96	100		
----	-----	--	--

61	131.5	0.0	239.2
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98	63.4	0.0	128.6
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#28

Bromochloromethane

Concen: 98.191 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

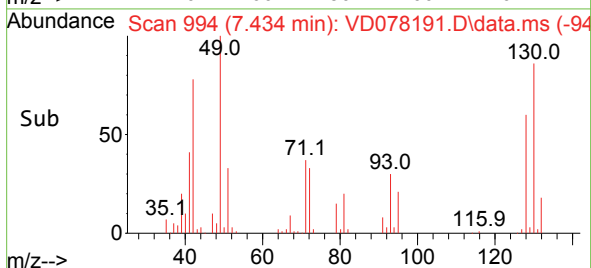
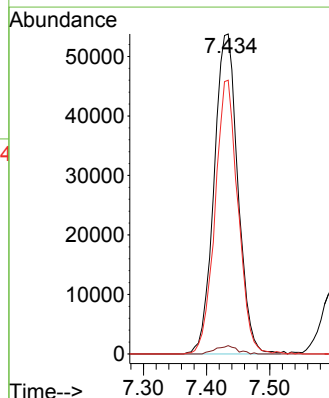
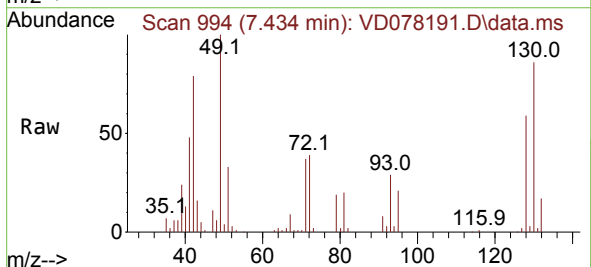
Tgt Ion: 49 Resp: 141271

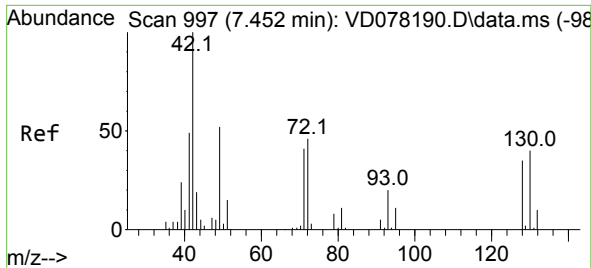
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

49	100		
----	-----	--	--

129	2.3	0.0	6.0
-----	-----	-----	-----

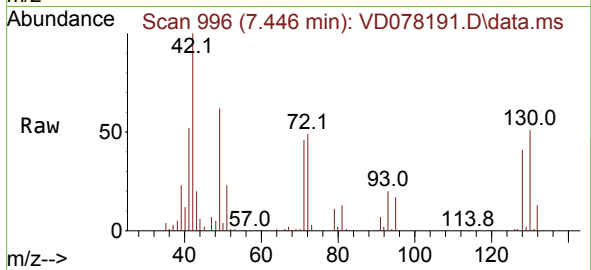
130	82.3	83.2	124.8#
-----	------	------	--------



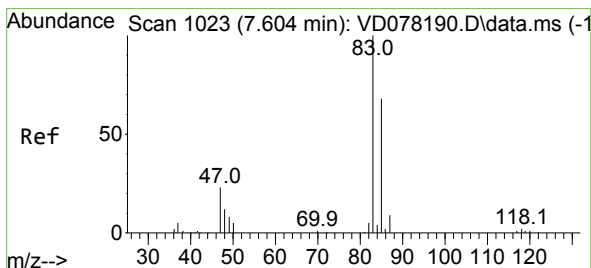
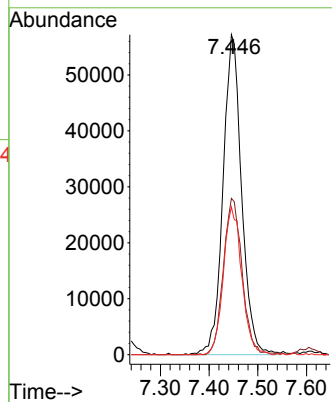
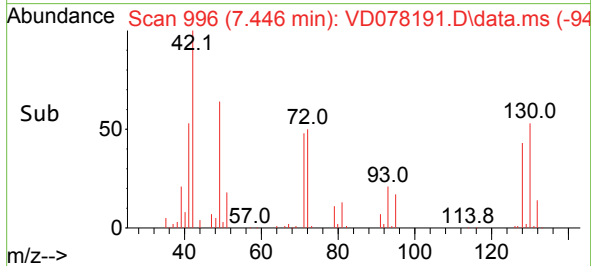


#29
Tetrahydrofuran
Concen: 522.199 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :

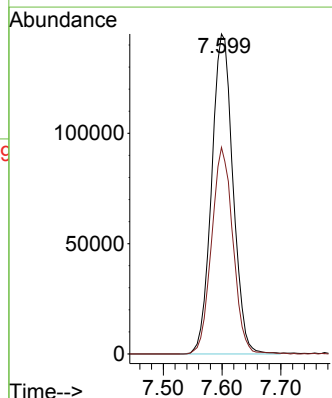
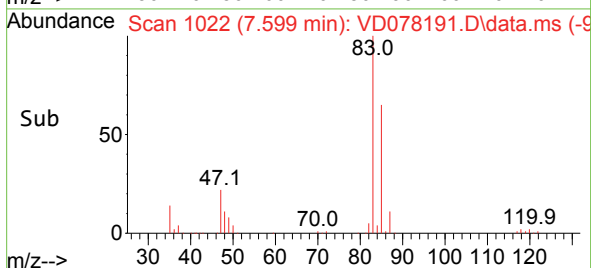
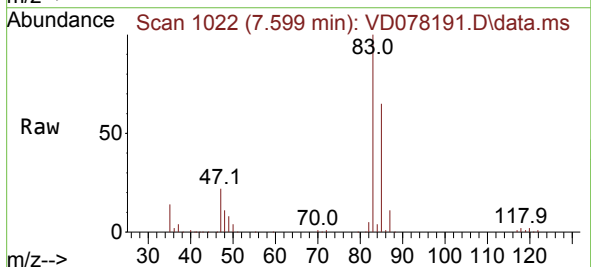


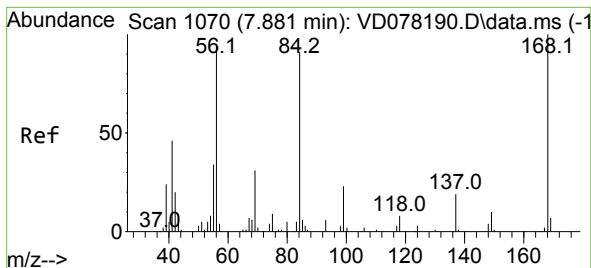
Tgt Ion: 42 Resp: 152001
Ion Ratio Lower Upper
42 100
72 49.4 46.5 69.7
71 45.8 44.5 66.7



#30
Chloroform
Concen: 97.453 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 83 Resp: 365595
Ion Ratio Lower Upper
83 100
85 64.6 53.4 80.2





#31

Cyclohexane

Concen: 90.608 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

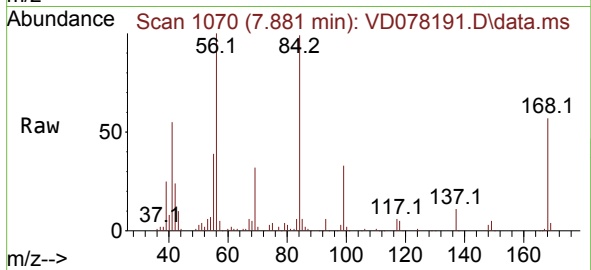
Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :



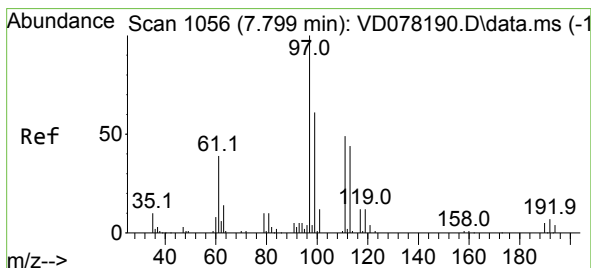
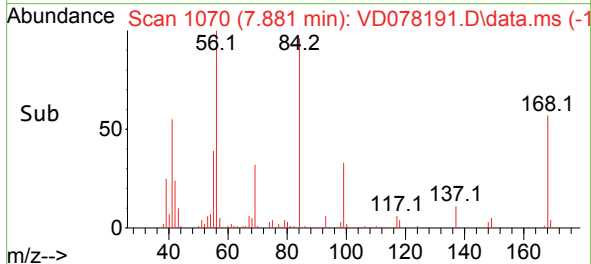
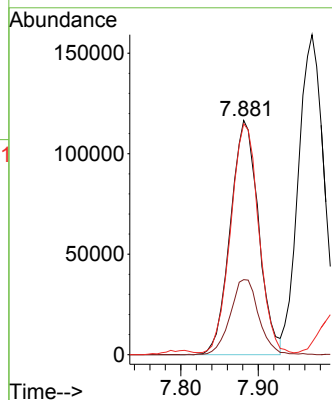
Tgt Ion: 56 Resp: 295584

Ion Ratio Lower Upper

56 100

69 32.0 28.6 43.0

84 96.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 96.195 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

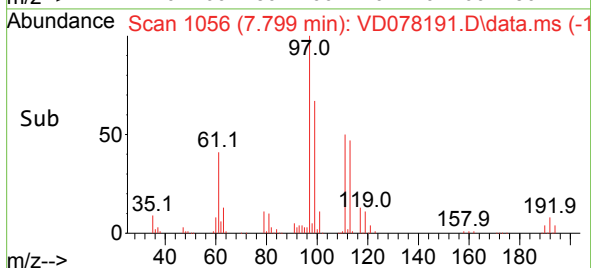
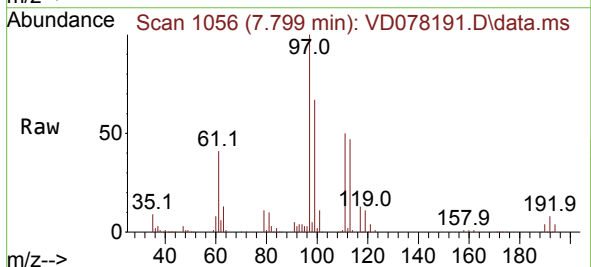
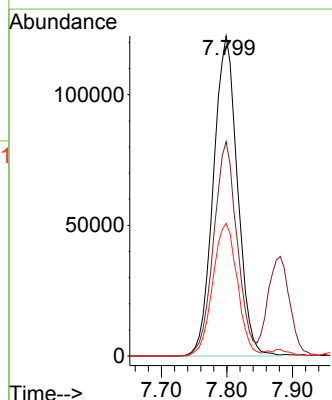
Tgt Ion: 97 Resp: 311736

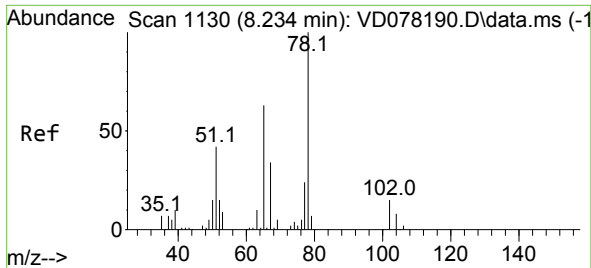
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 101.838 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

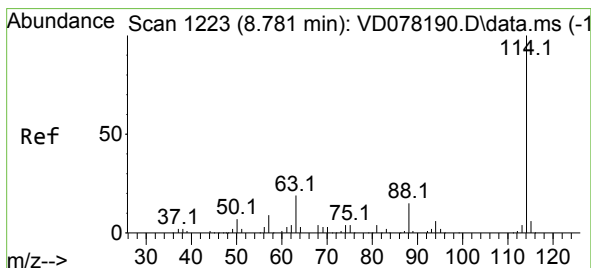
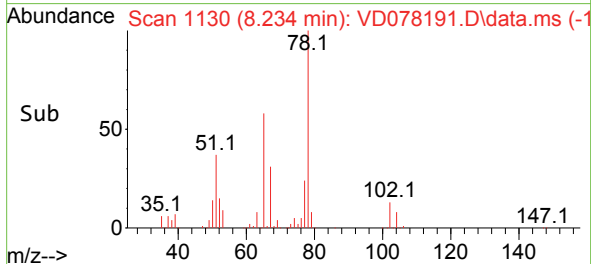
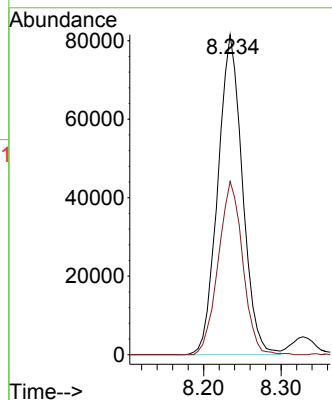
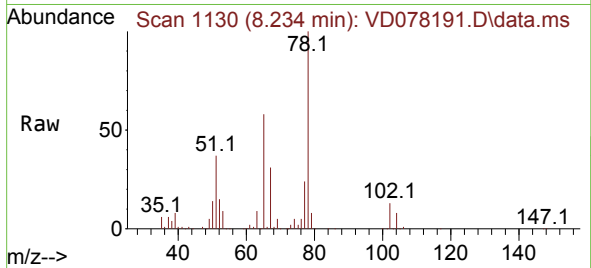
ClientSampleId :

Tgt Ion: 65 Resp: 179680

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

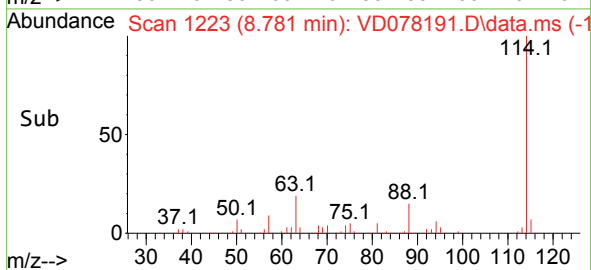
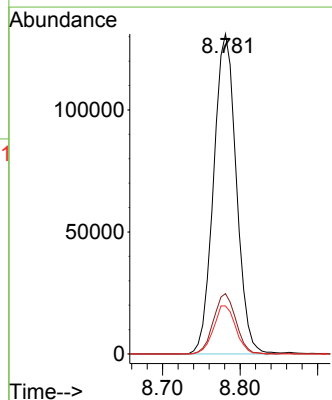
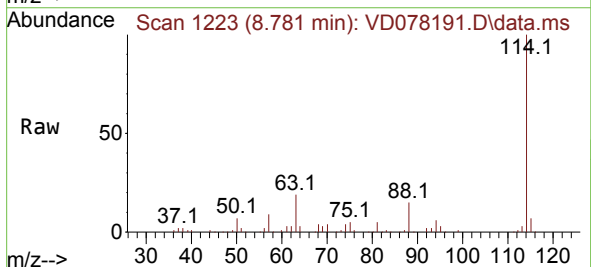
Tgt Ion: 114 Resp: 267105

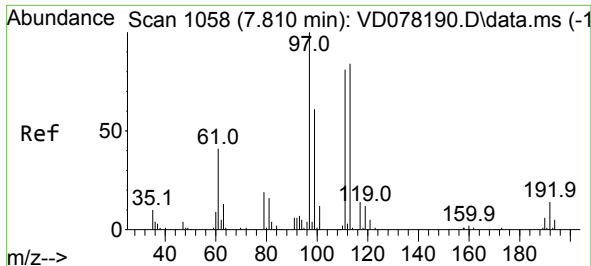
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 15.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 102.015 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

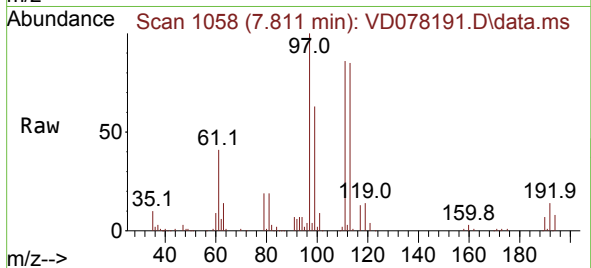
Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :



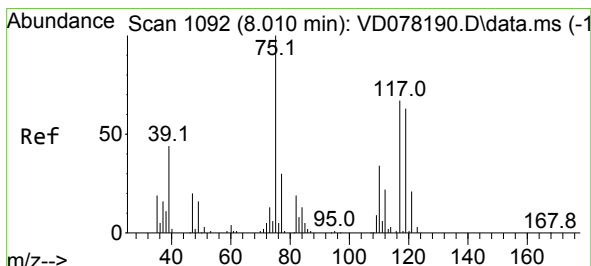
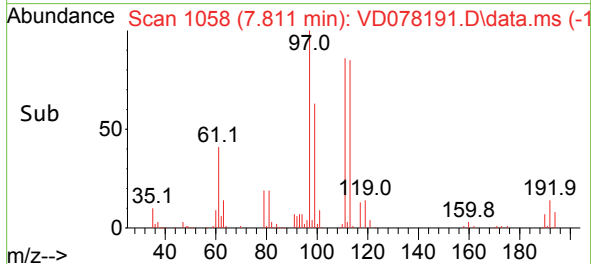
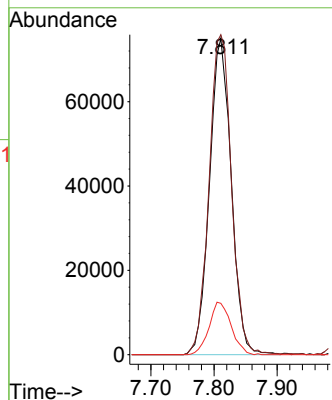
Tgt Ion:113 Resp: 179334

Ion Ratio Lower Upper

113 100

111 104.8 84.7 127.1

192 16.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 101.583 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

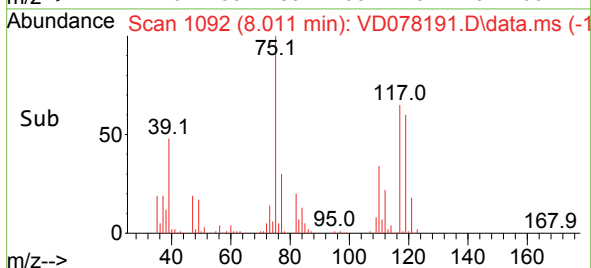
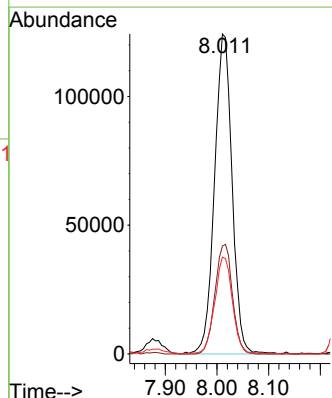
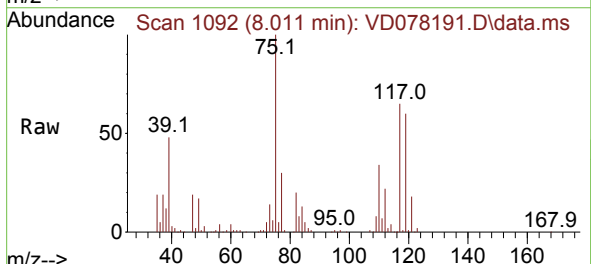
Tgt Ion: 75 Resp: 293656

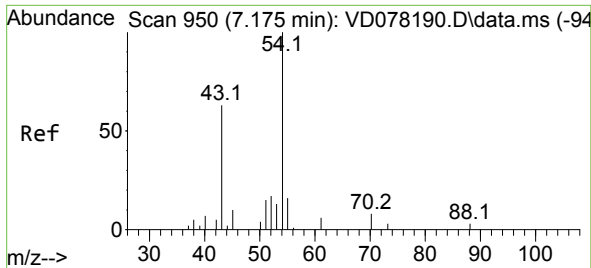
Ion Ratio Lower Upper

75 100

110 34.0 19.9 59.6

77 30.5 24.7 37.1

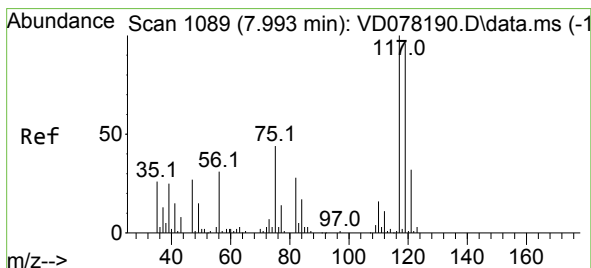
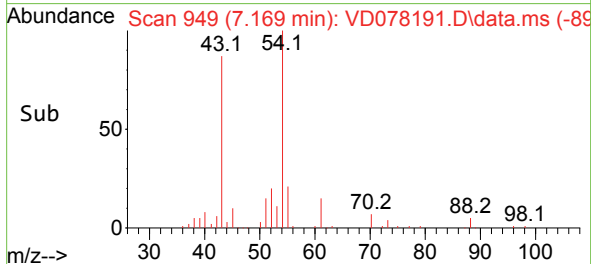
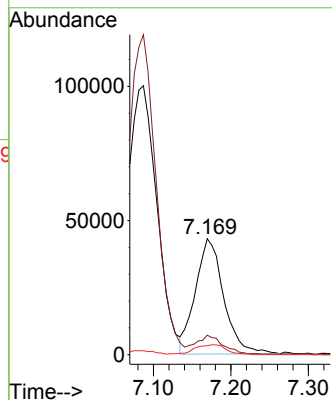
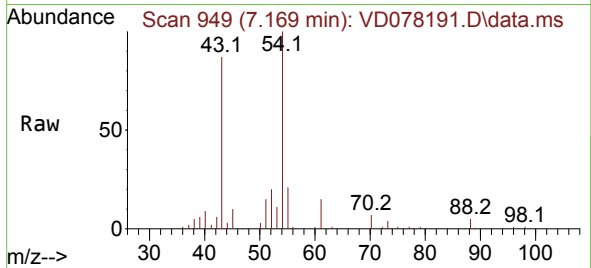




#37
Ethyl Acetate
Concen: 101.419 ug/l
RT: 7.169 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

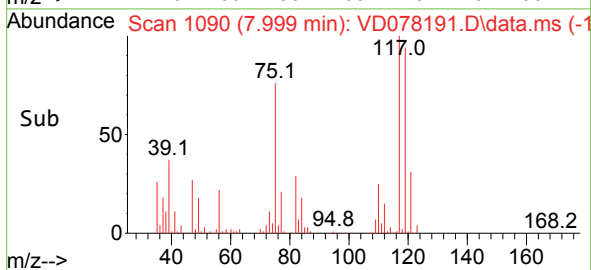
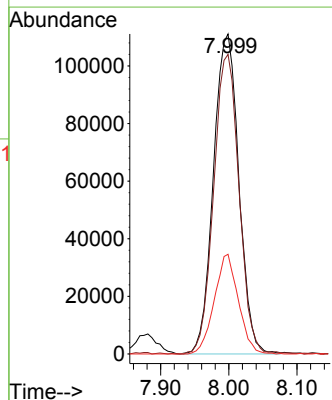
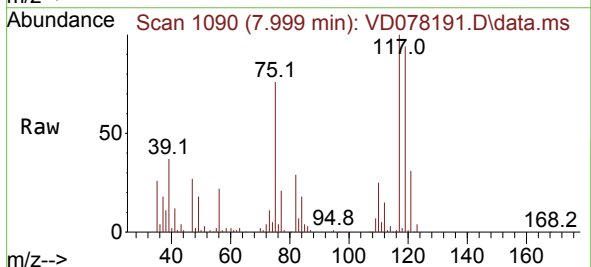
Instrument :
MSVOA_D
ClientSampleId :

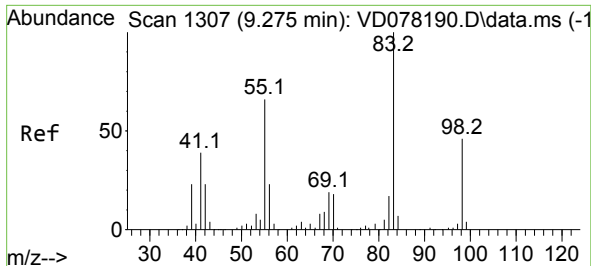
Tgt Ion: 43 Resp: 109145
Ion Ratio Lower Upper
43 100
61 15.0 14.9 22.3
70 9.6 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 100.988 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:117 Resp: 288325
Ion Ratio Lower Upper
117 100
119 93.6 78.0 117.0
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 104.384 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

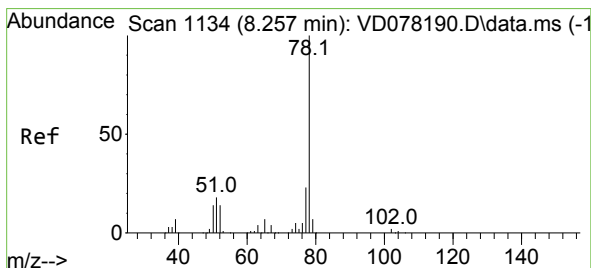
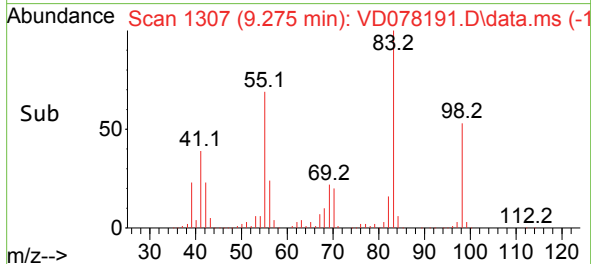
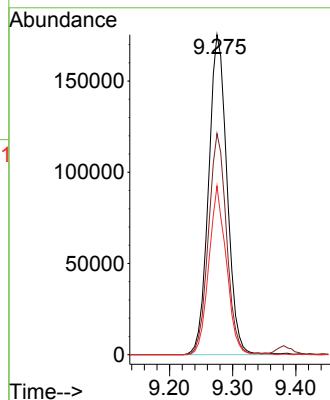
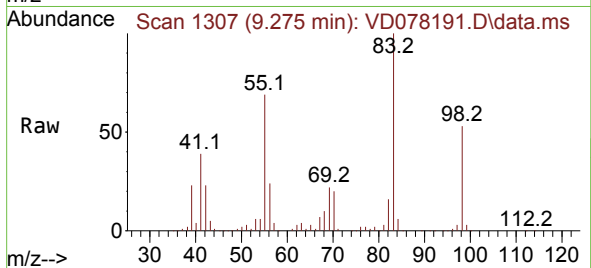
Tgt Ion: 83 Resp: 356861

Ion Ratio Lower Upper

83 100

55 69.1 49.4 74.0

98 52.7 38.4 57.6



#40

Benzene

Concen: 103.373 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078191.D

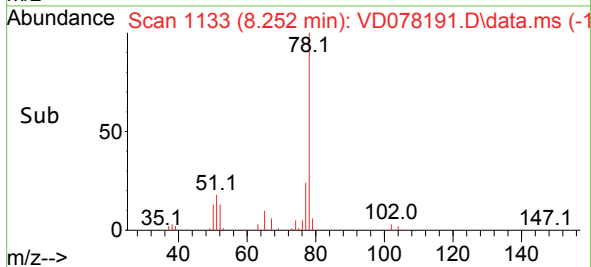
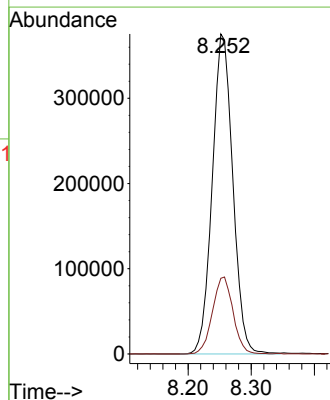
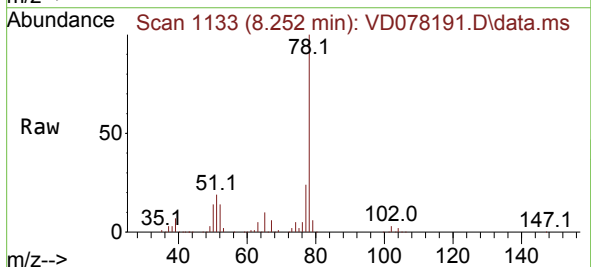
Acq: 22 Jan 2024 12:20

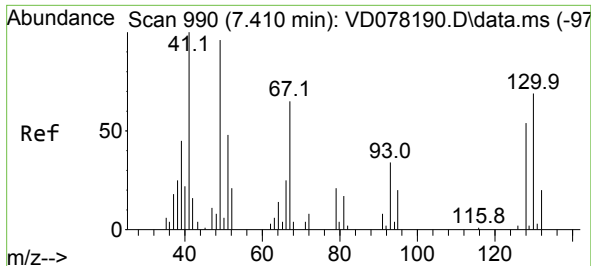
Tgt Ion: 78 Resp: 848019

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

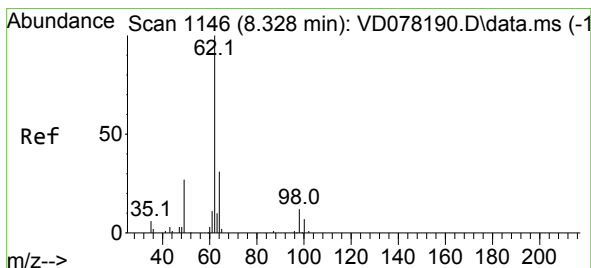
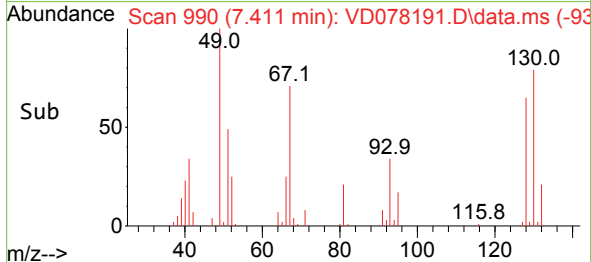
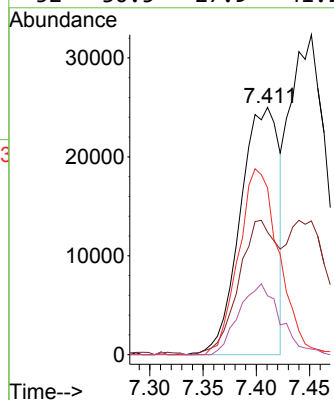
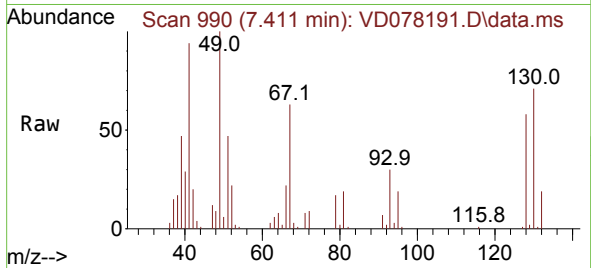




#41
Methacrylonitrile
Concen: 109.530 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

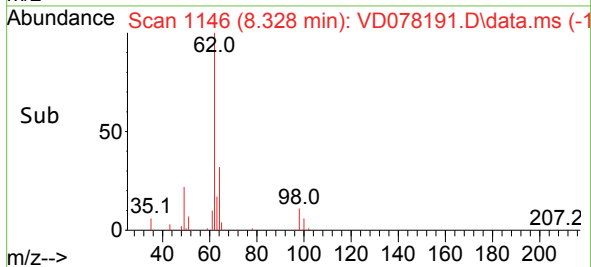
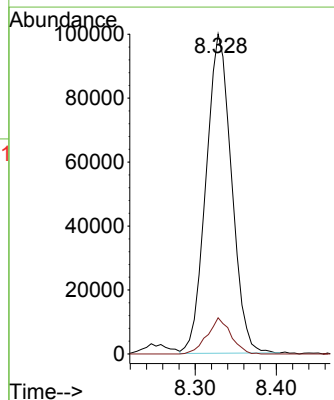
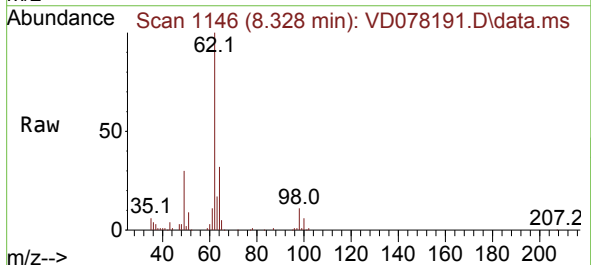
Instrument :
MSVOA_D
ClientSampleId :

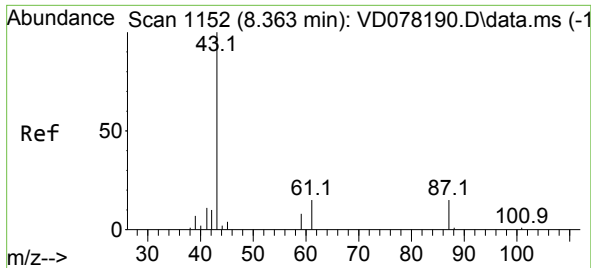
Tgt Ion: 41 Resp: 63427
Ion Ratio Lower Upper
41 100
39 54.2 34.0 51.0#
67 78.7 77.0 115.4
52 30.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 102.053 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 62 Resp: 217827
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

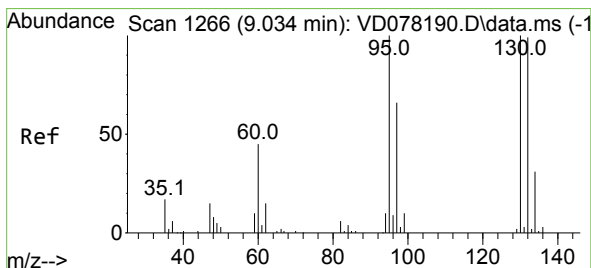
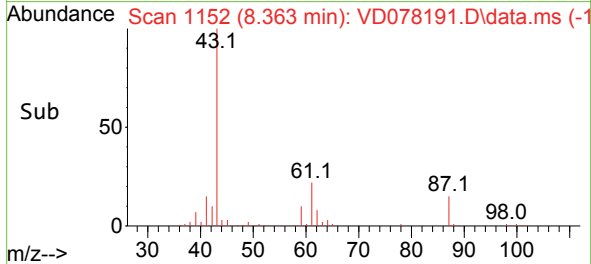
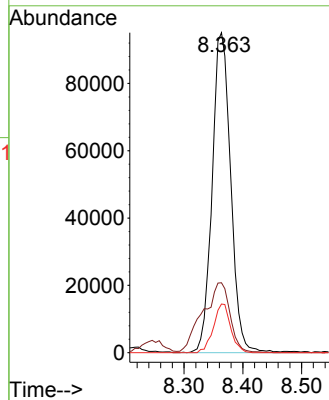
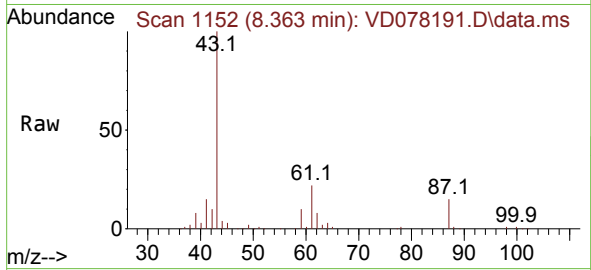




#43
Isopropyl Acetate
Concen: 105.759 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

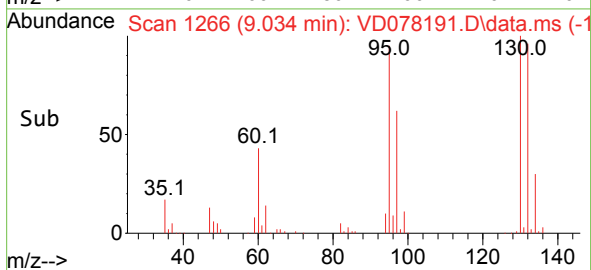
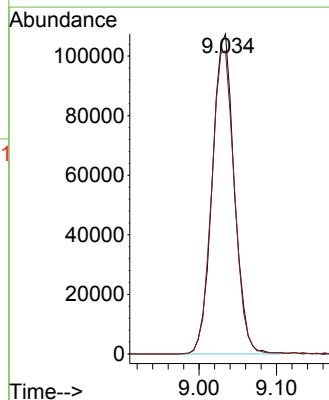
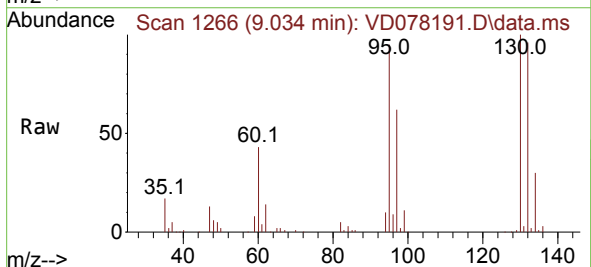
Instrument :
MSVOA_D
ClientSampleId :

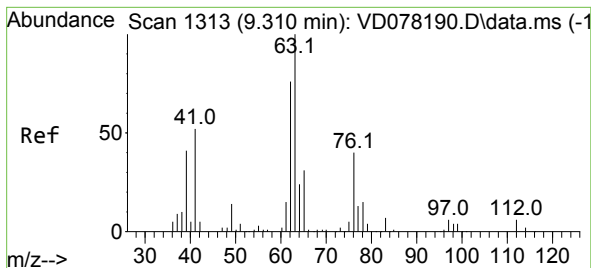
Tgt Ion: 43 Resp: 208518
Ion Ratio Lower Upper
43 100
61 32.3 31.4 47.0
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 101.093 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:130 Resp: 212167
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 101.185 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

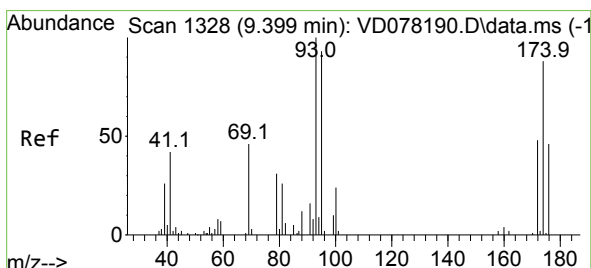
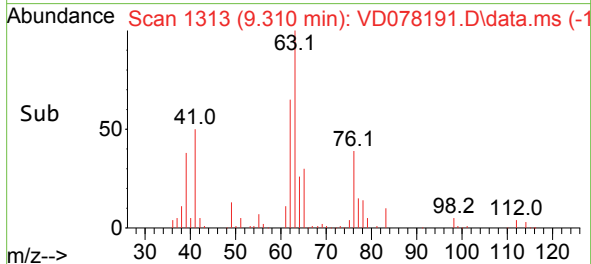
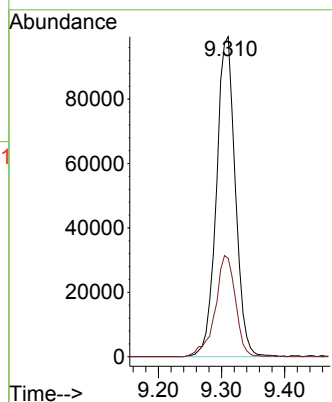
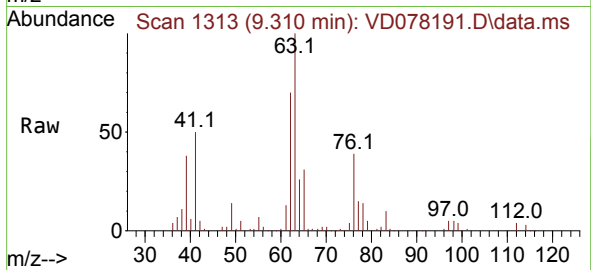
ClientSampleId :

Tgt Ion: 63 Resp: 205977

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



#46

Dibromomethane

Concen: 102.241 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

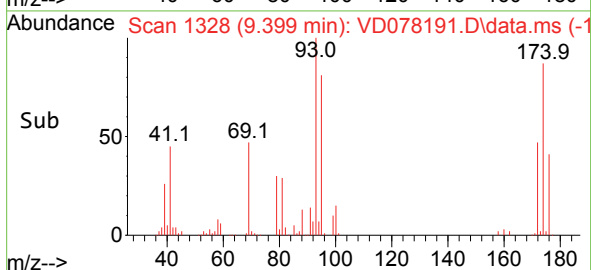
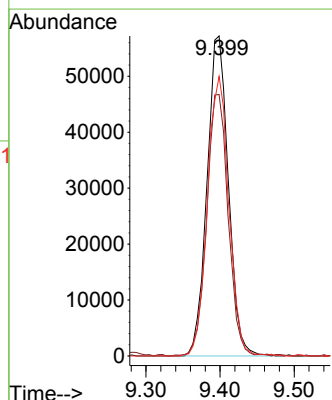
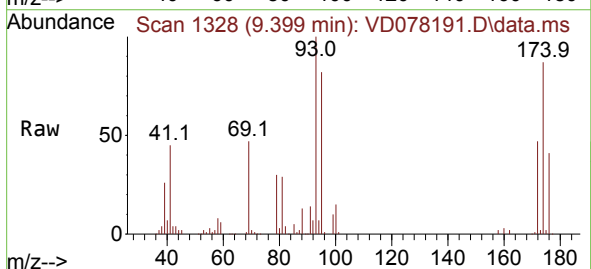
Tgt Ion: 93 Resp: 114296

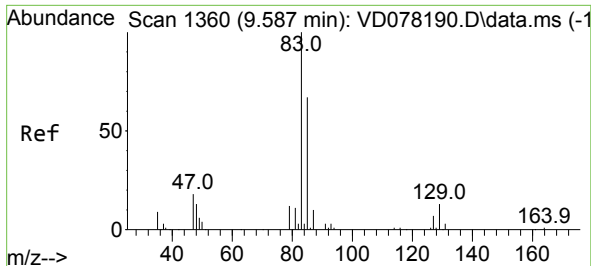
Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

174 88.1 85.4 128.2





#47

Bromodichloromethane

Concen: 100.363 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

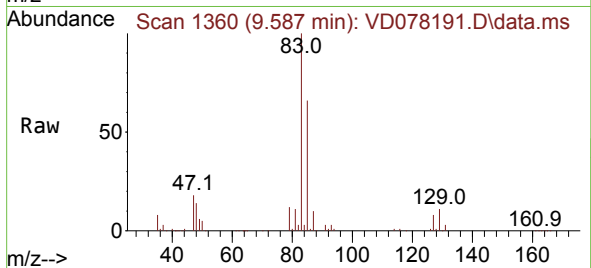
Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :



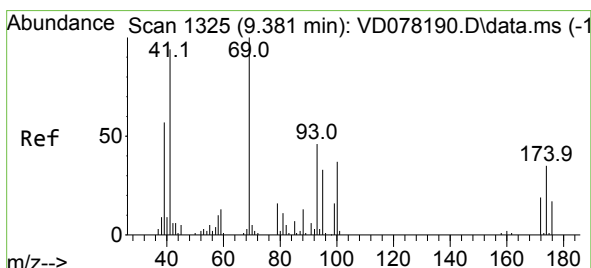
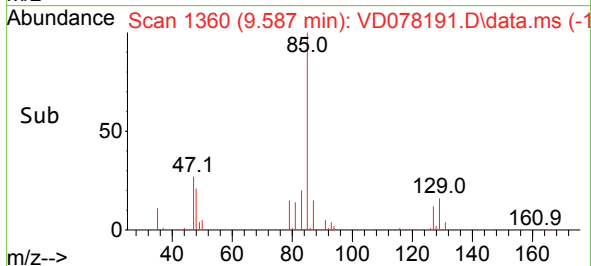
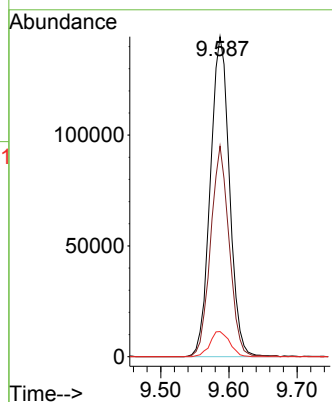
Tgt Ion: 83 Resp: 281839

Ion Ratio Lower Upper

83 100

85 65.8 50.2 75.4

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 108.278 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

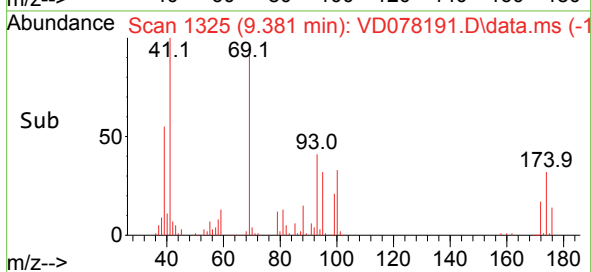
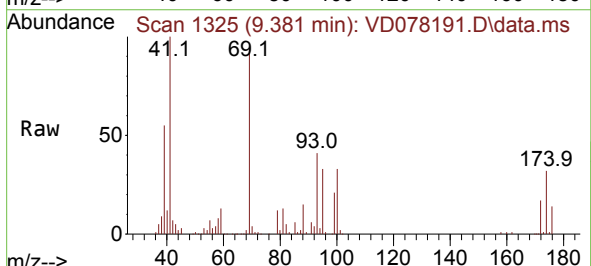
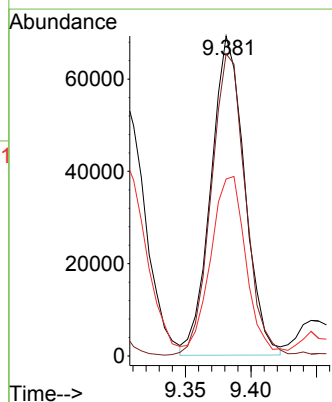
Tgt Ion: 41 Resp: 123597

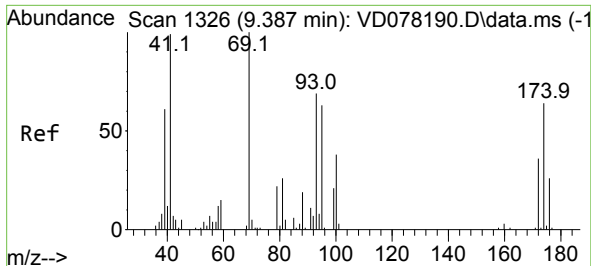
Ion Ratio Lower Upper

41 100

69 95.4 102.2 153.2#

39 55.1 41.4 62.2





#49

1,4-Dioxane

Concen: 2095.037 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

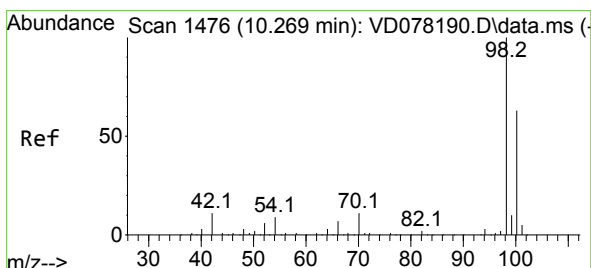
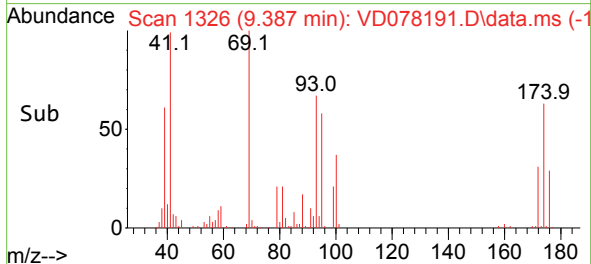
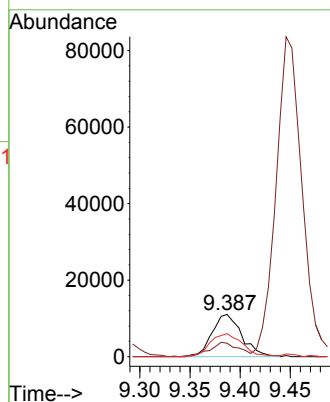
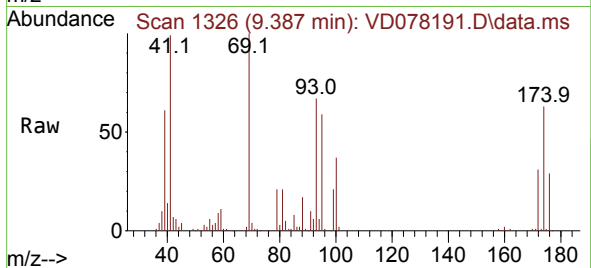
Tgt Ion: 88 Resp: 22662

Ion Ratio Lower Upper

88 100

43 33.2 19.0 28.6#

58 59.9 43.5 65.3



#50

Toluene-d8

Concen: 107.125 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078191.D

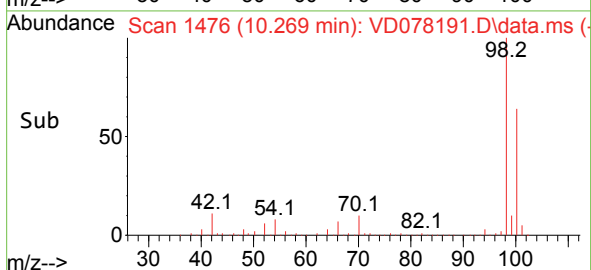
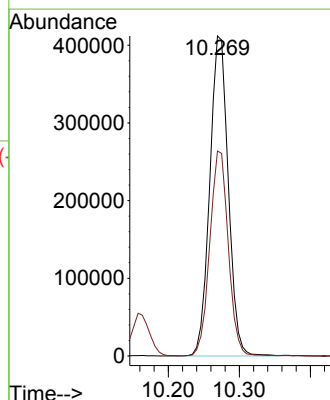
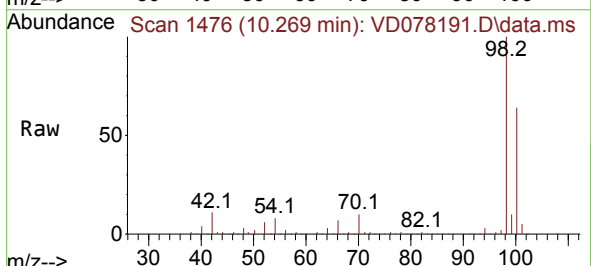
Acq: 22 Jan 2024 12:20

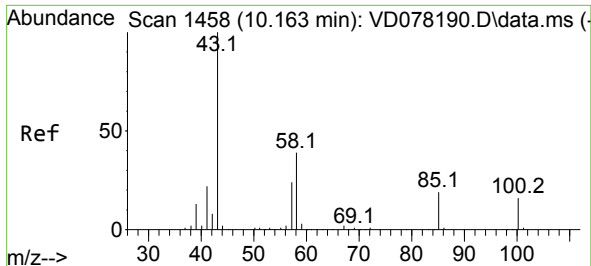
Tgt Ion: 98 Resp: 745661

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

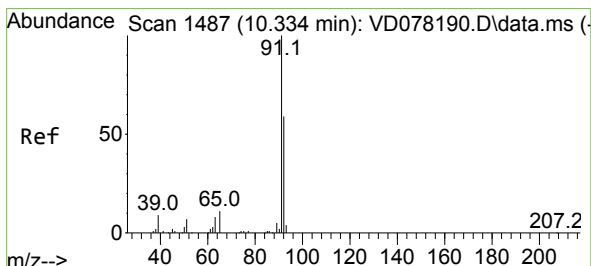
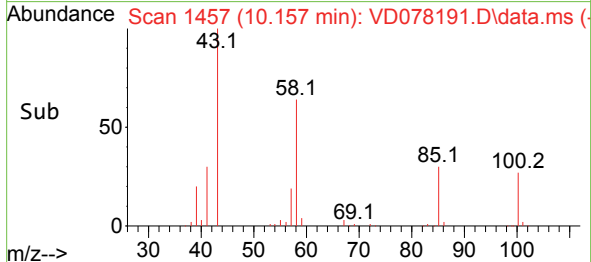
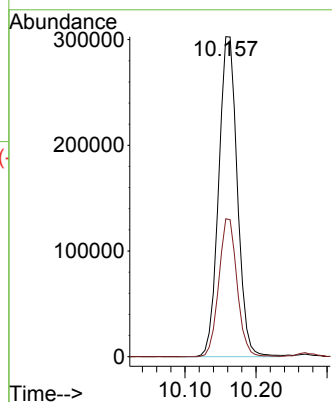
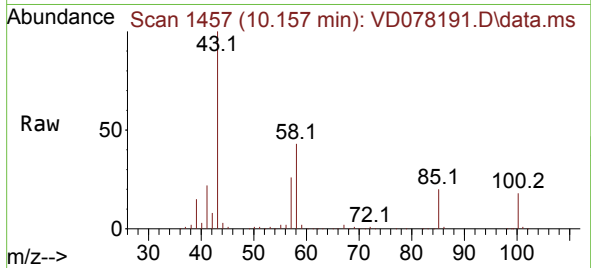




#51
4-Methyl-2-Pentanone
Concen: 530.794 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

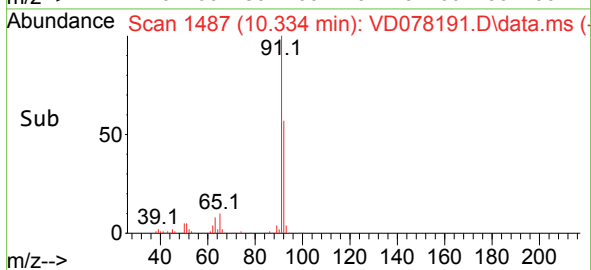
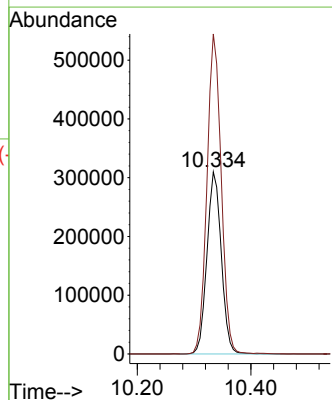
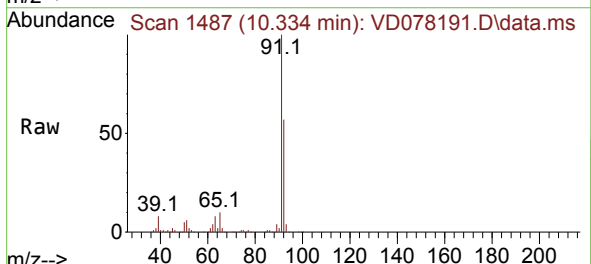
Instrument :
MSVOA_D
ClientSampleId :

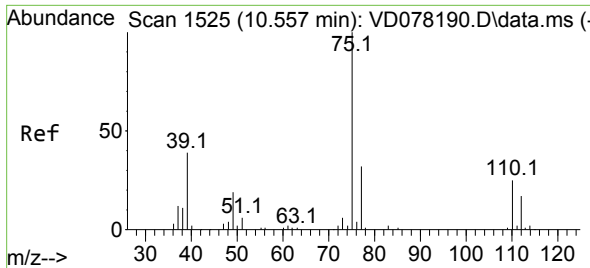
Tgt Ion: 43 Resp: 549935
Ion Ratio Lower Upper
43 100
58 42.3 38.9 58.3



#52
Toluene
Concen: 104.024 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 92 Resp: 540917
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

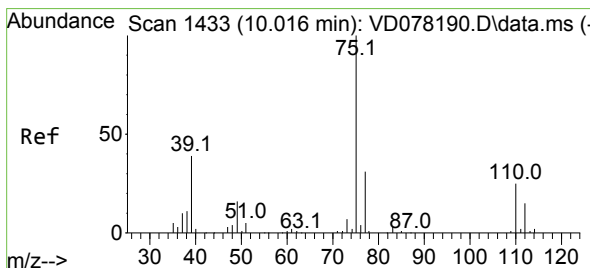
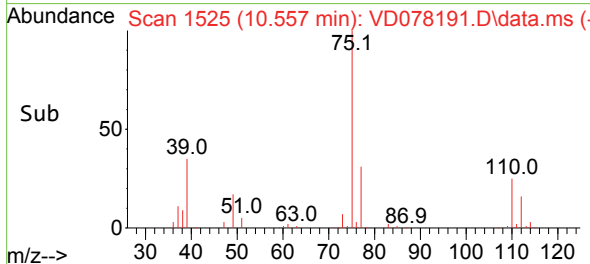
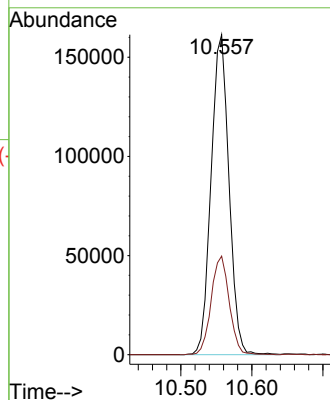
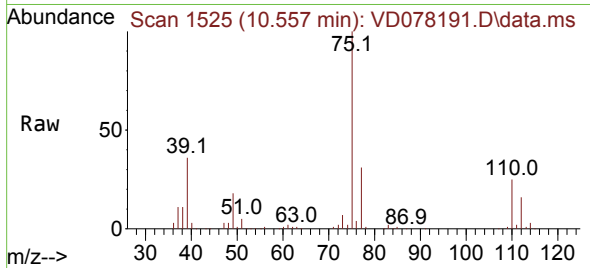




#53
 t-1,3-Dichloropropene
 Concen: 108.782 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

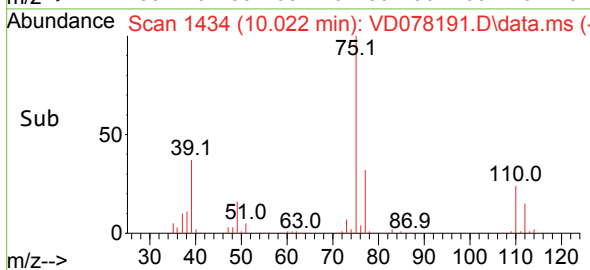
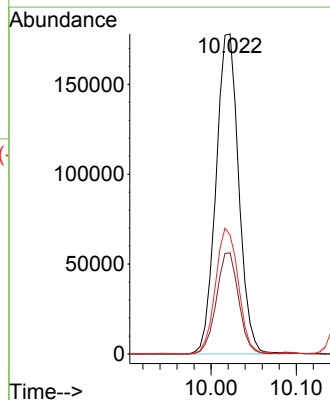
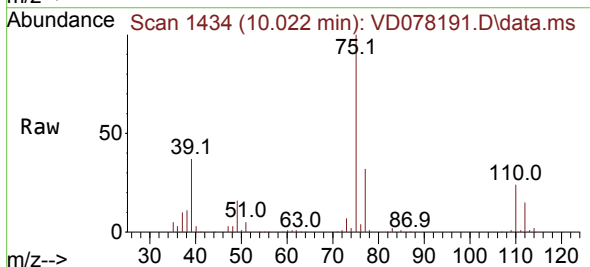
Instrument :
 MSVOA_D
 ClientSampleId :

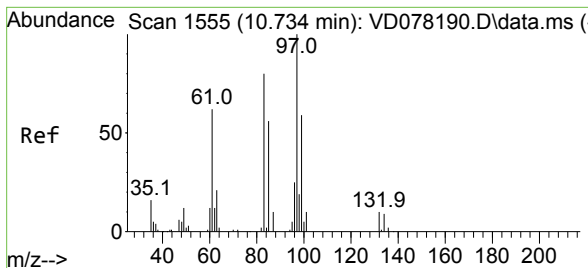
Tgt Ion: 75 Resp: 281824
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 106.360 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

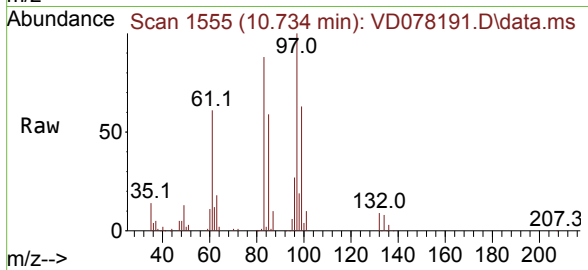
Tgt Ion: 75 Resp: 330324
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 37.0 22.1 33.1#



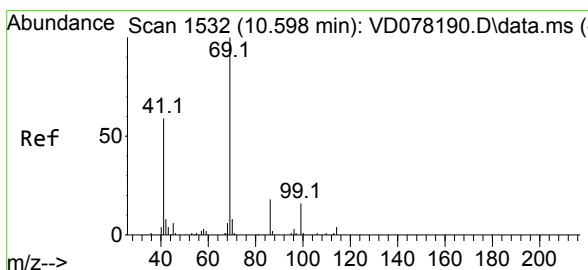
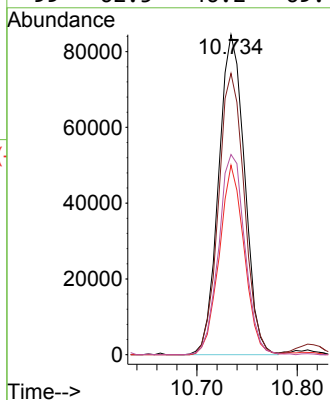
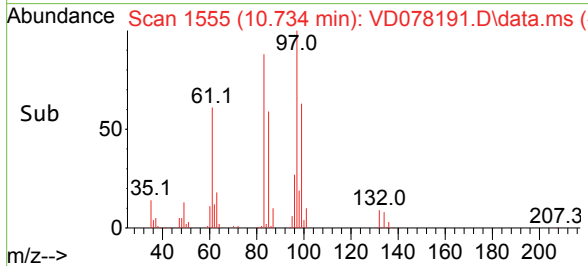


#55
1,1,2-Trichloroethane
Concen: 101.606 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

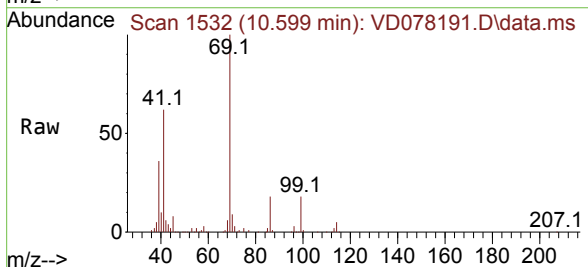
Instrument :
MSVOA_D
ClientSampleId :



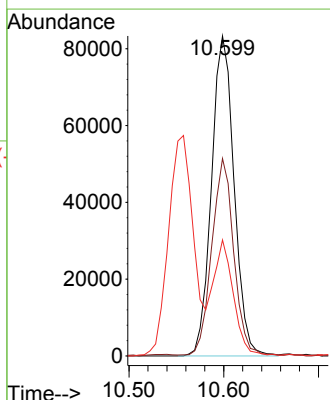
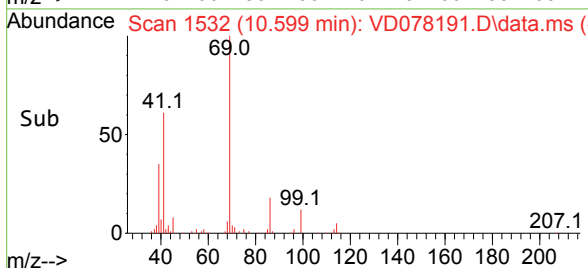
Tgt Ion: 97	Resp: 151989
Ion Ratio	Lower Upper
97 100	
83 87.9	65.8 98.6
85 59.2	45.7 68.5
99 62.5	46.2 69.4

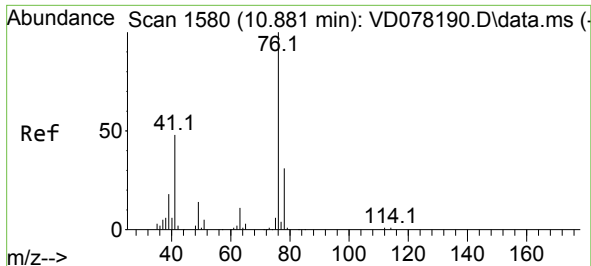


#56
Ethyl methacrylate
Concen: 112.723 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20



Tgt Ion: 69	Resp: 138031		
Ion Ratio	Lower	Upper	
69 100			
41 59.6	39.1	58.7#	
39 31.7	20.0	30.0#	





#57

1,3-Dichloropropane

Concen: 104.308 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

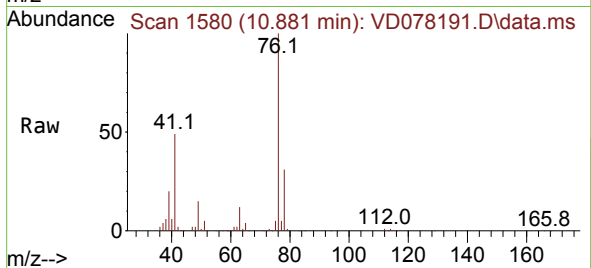
Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

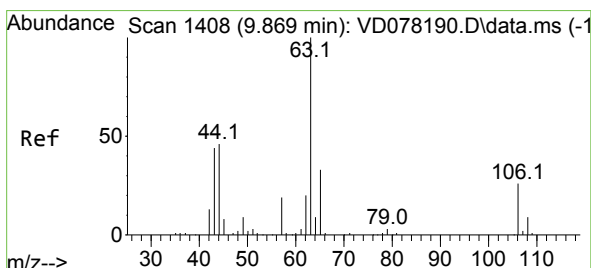
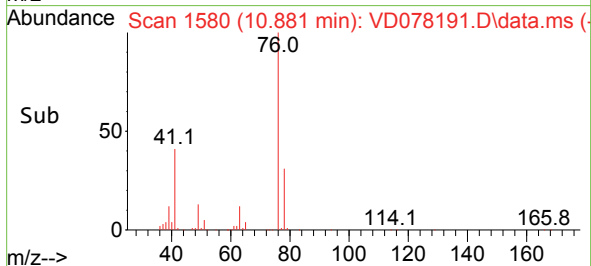
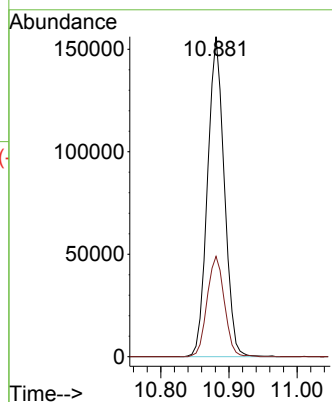


Tgt Ion: 76 Resp: 266839

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 560.408 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078191.D

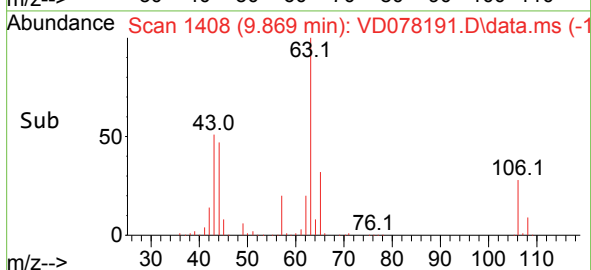
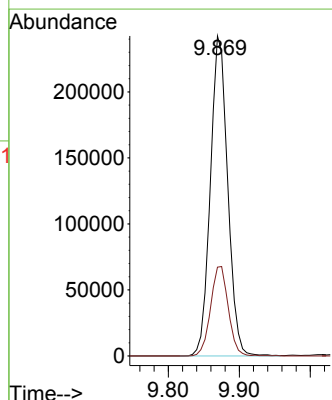
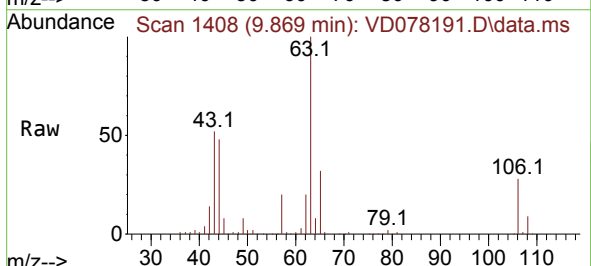
Acq: 22 Jan 2024 12:20

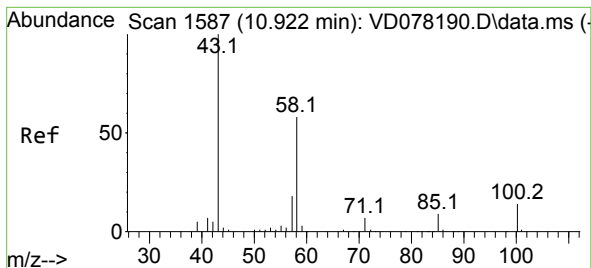
Tgt Ion: 63 Resp: 411236

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

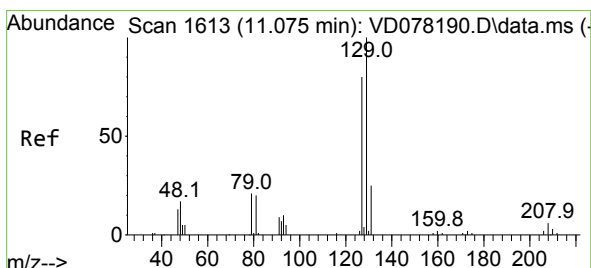
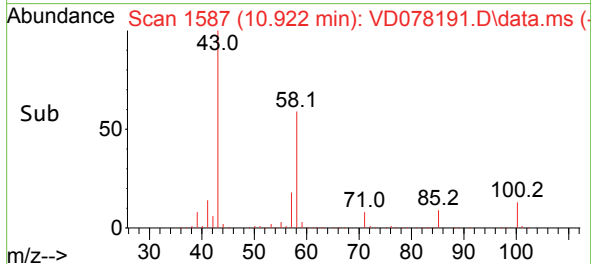
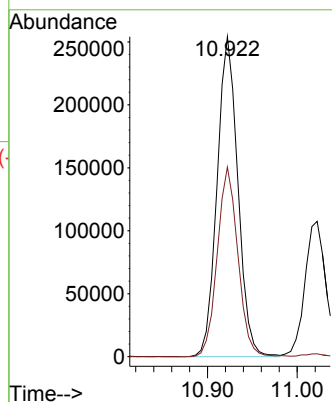
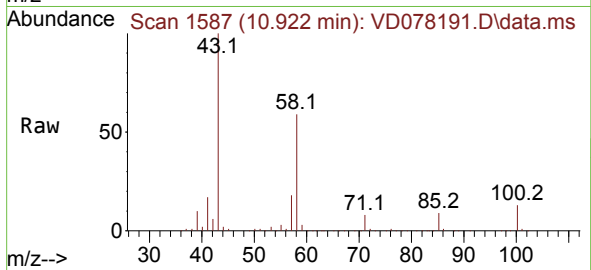




#59
2-Hexanone
Concen: 485.009 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

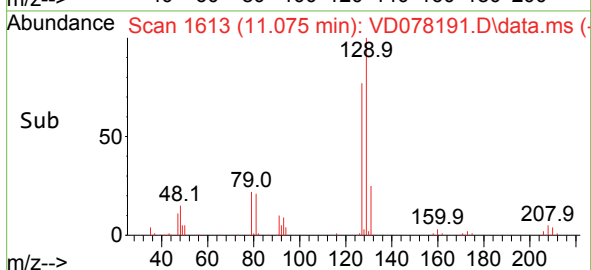
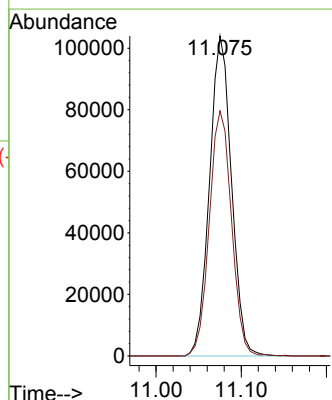
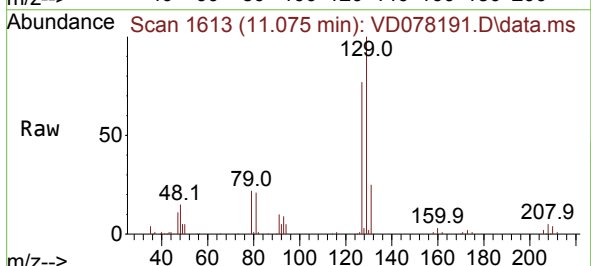
Instrument :
MSVOA_D
ClientSampleId :

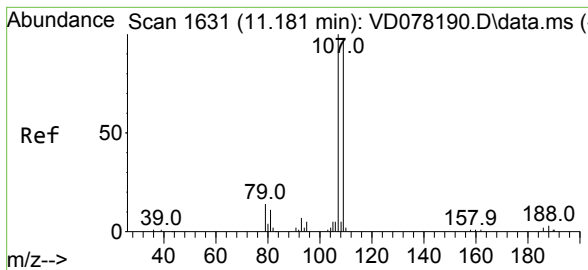
Tgt Ion: 43 Resp: 408340
Ion Ratio Lower Upper
43 100
58 58.8 34.1 102.2



#60
Dibromochloromethane
Concen: 105.582 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:129 Resp: 186206
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

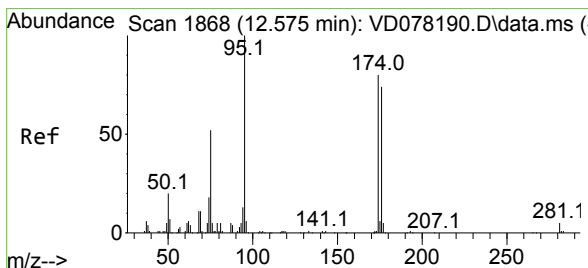
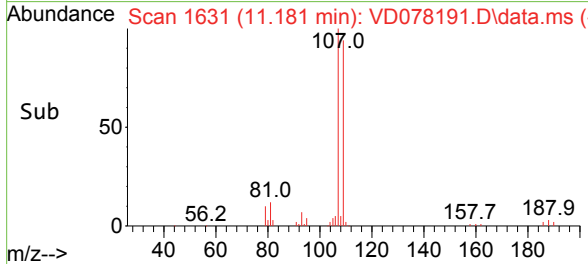
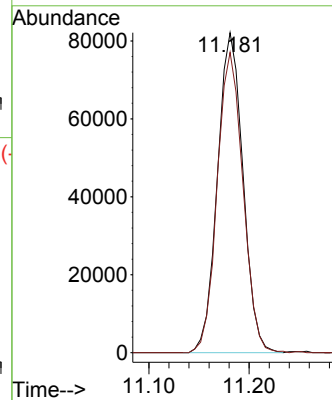
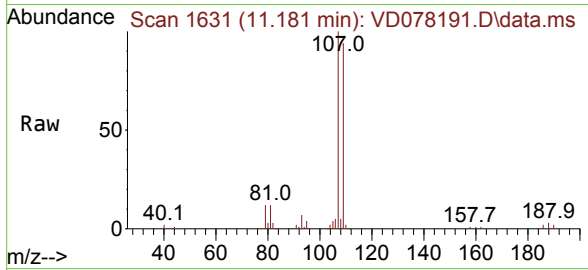




#61
1,2-Dibromoethane
Concen: 105.235 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

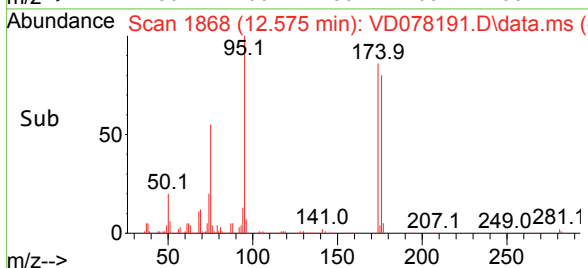
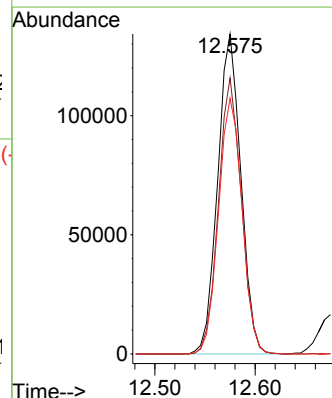
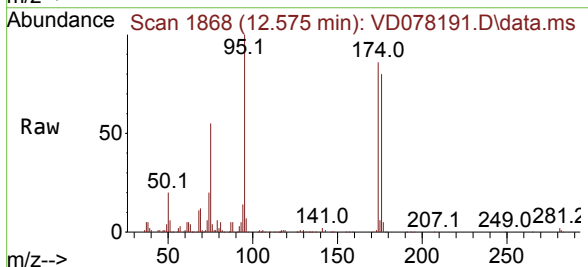
Instrument :
MSVOA_D
ClientSampleId :

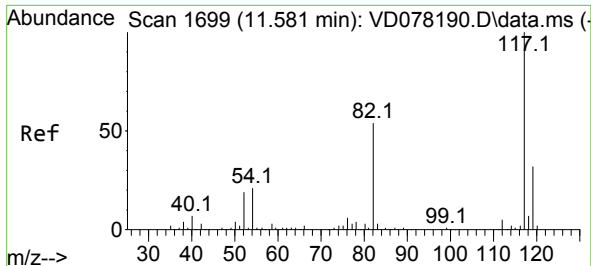
Tgt Ion:107 Resp: 145106
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 106.738 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 95 Resp: 215462
Ion Ratio Lower Upper
95 100
174 84.8 0.0 201.8
176 81.2 0.0 191.8

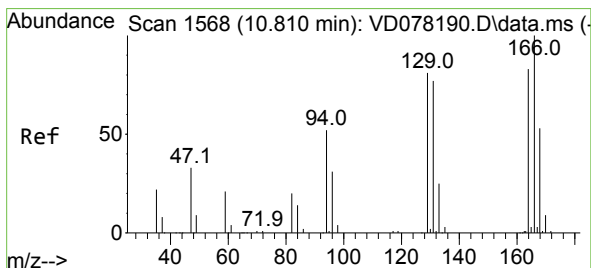
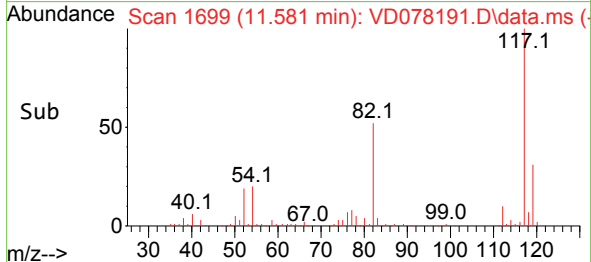
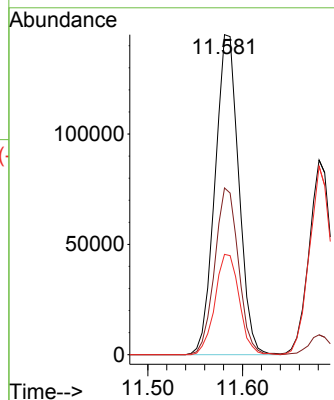
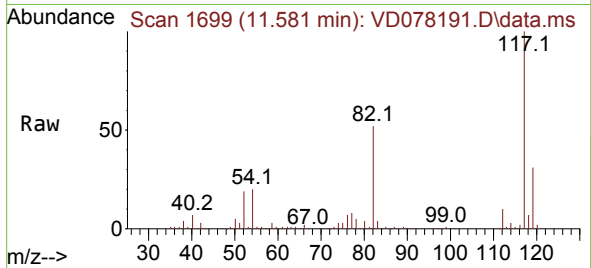




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

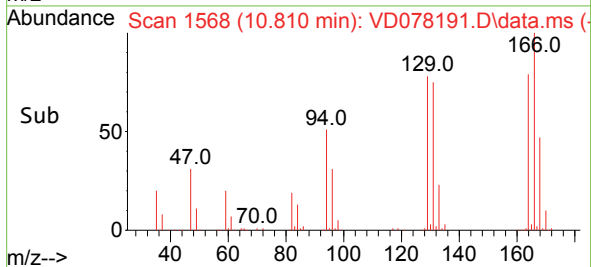
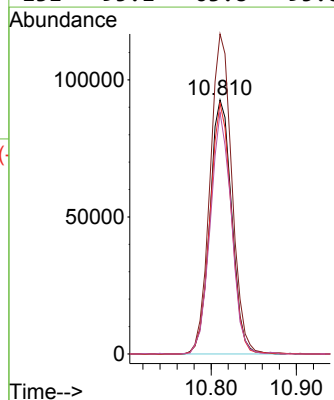
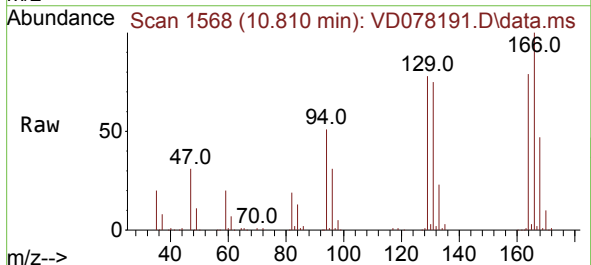
Instrument :
MSVOA_D
ClientSampleId :

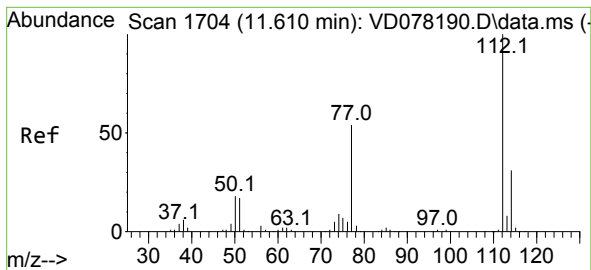
Tgt Ion:117 Resp: 253032
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 99.789 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:164 Resp: 165098
Ion Ratio Lower Upper
164 100
166 126.0 99.2 148.8
129 98.7 68.4 102.6
131 95.1 63.8 95.8

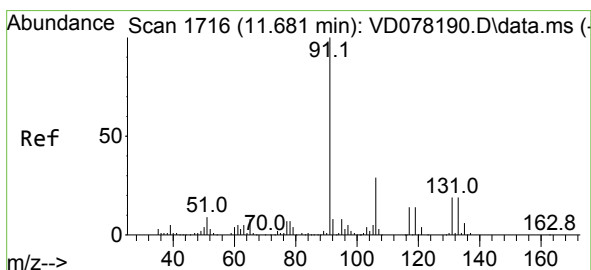
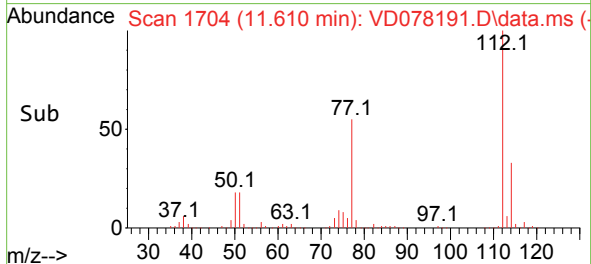
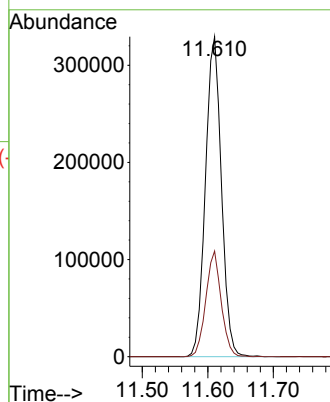
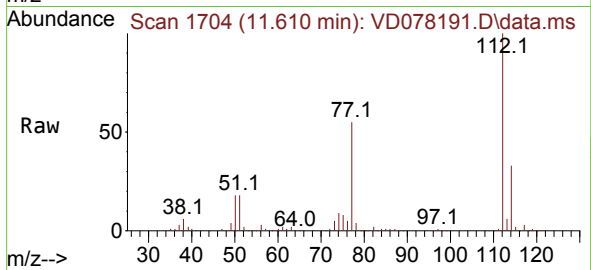




#65
Chlorobenzene
Concen: 99.757 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

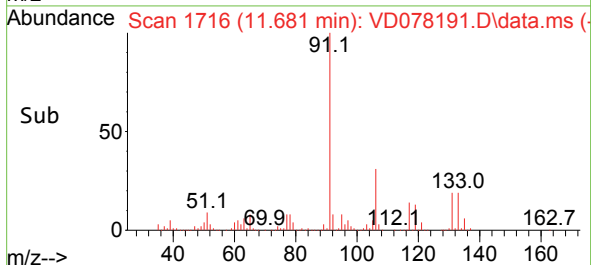
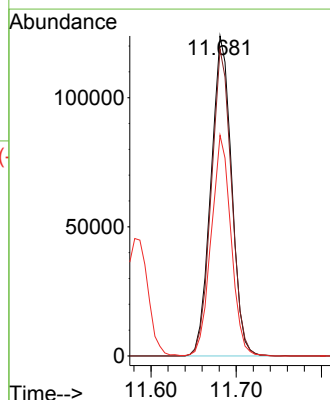
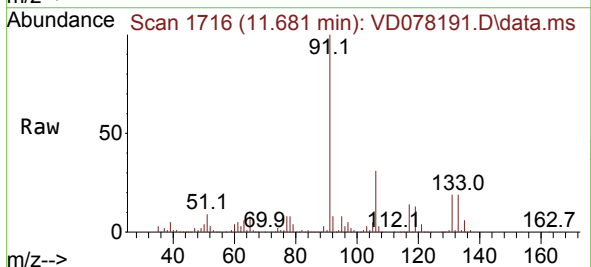
Instrument :
MSVOA_D
ClientSampleId :

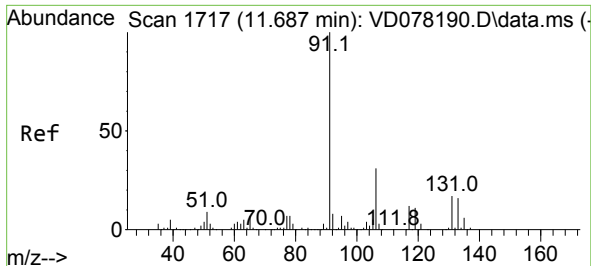
Tgt Ion:112 Resp: 557606
Ion Ratio Lower Upper
112 100
114 33.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 104.409 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:131 Resp: 208558
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 66.5 35.6 106.9

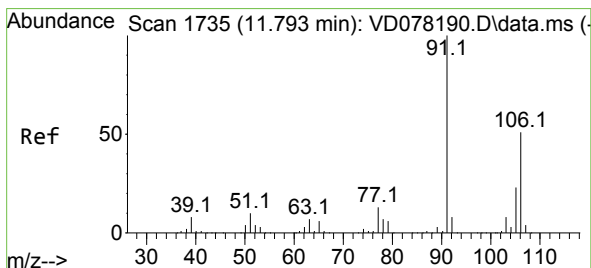
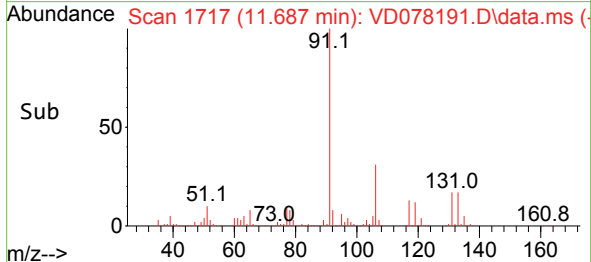
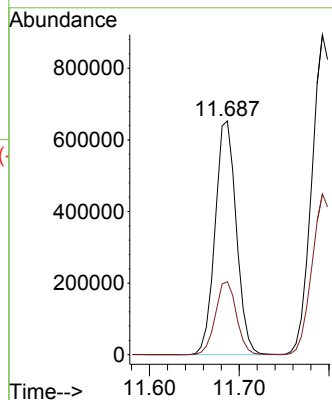
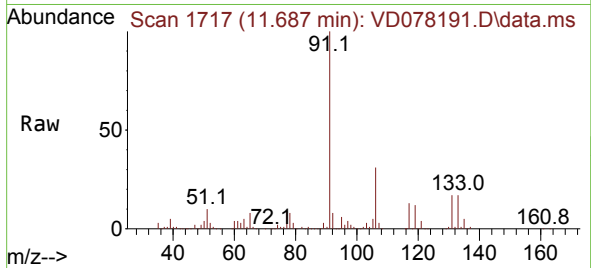




#67
Ethyl Benzene
Concen: 105.299 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

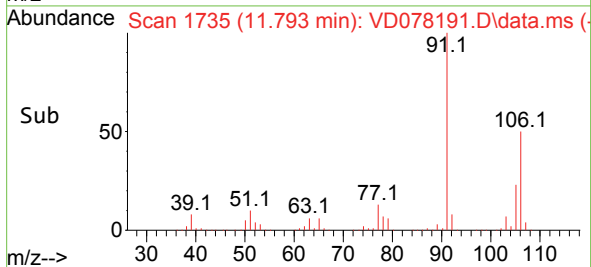
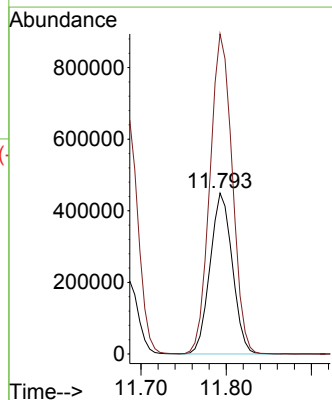
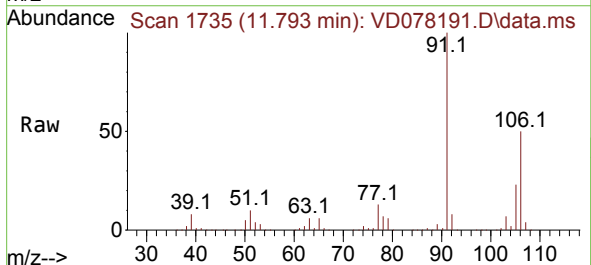
Instrument :
MSVOA_D
ClientSampleId :

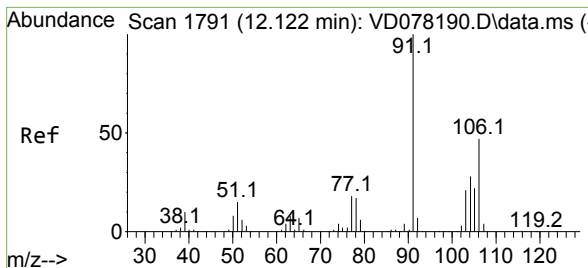
Tgt Ion: 91 Resp: 1071087
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7



#68
m/p-Xylenes
Concen: 209.689 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:106 Resp: 814619
Ion Ratio Lower Upper
106 100
91 200.0 147.0 220.6

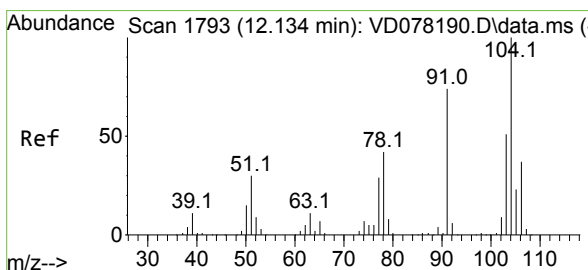
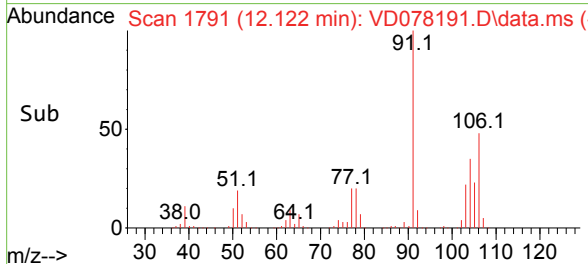
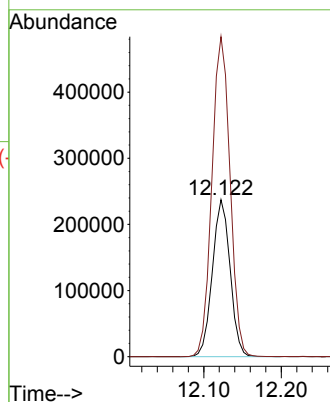
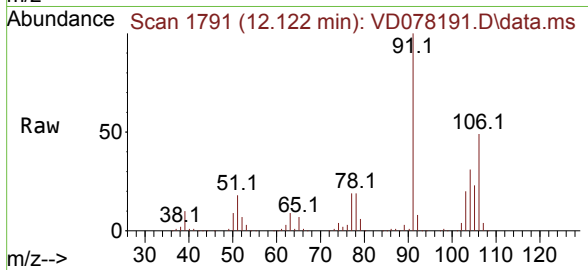




#69
o-Xylene
Concen: 106.844 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

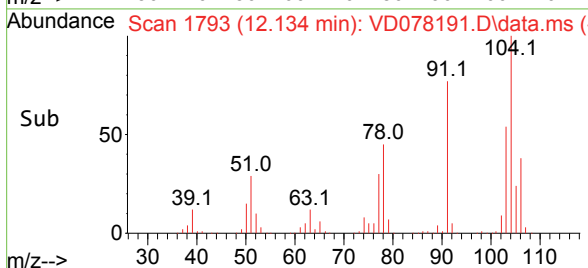
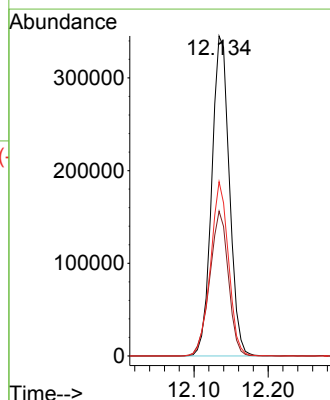
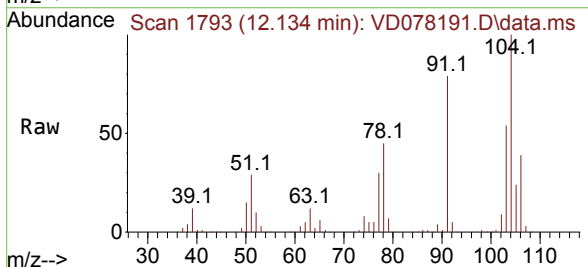
Instrument :
MSVOA_D
ClientSampleId :

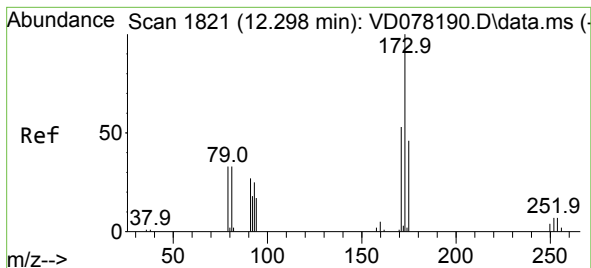
Tgt Ion:106 Resp: 376694
Ion Ratio Lower Upper
106 100
91 209.3 97.9 293.6



#70
Styrene
Concen: 108.098 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:104 Resp: 571093
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 55.7 43.6 65.4





#71

Bromoform

Concen: 103.985 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

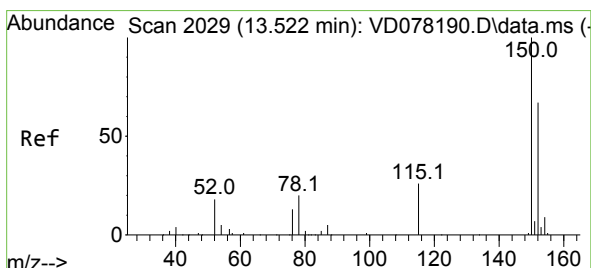
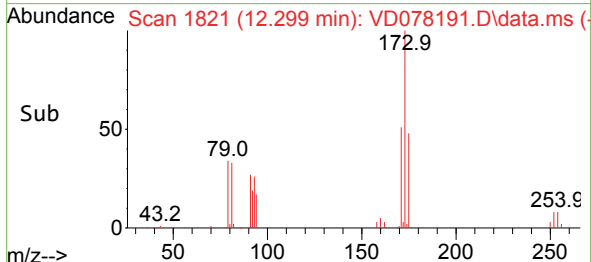
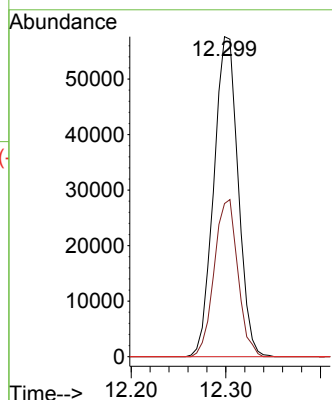
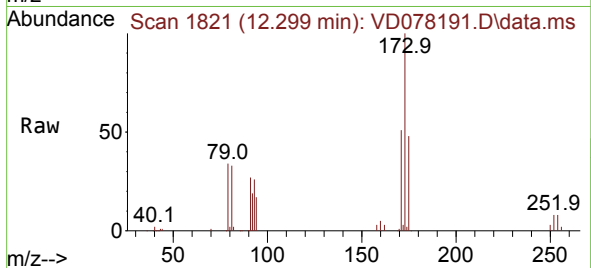
Tgt Ion:173 Resp: 102863

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

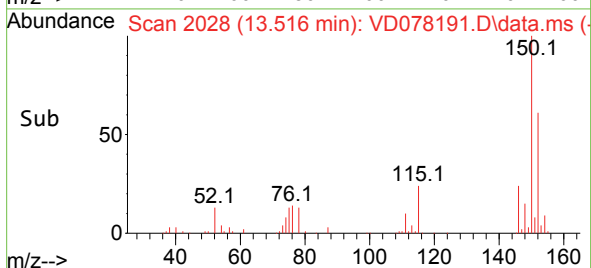
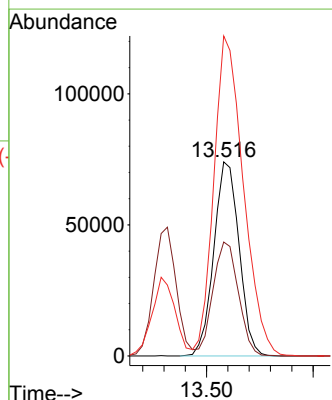
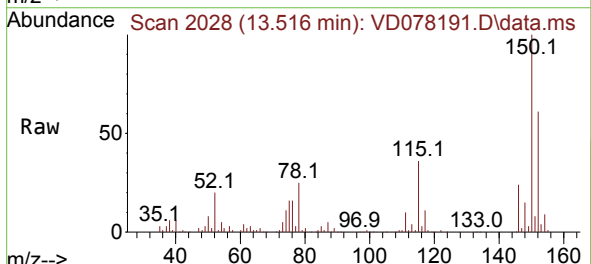
Tgt Ion:152 Resp: 121803

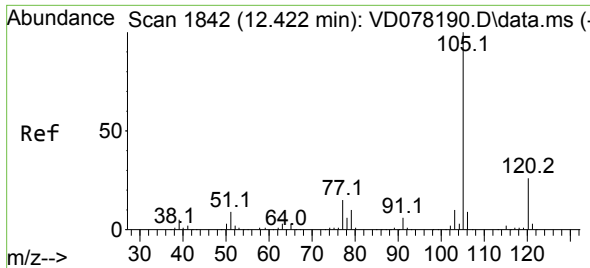
Ion Ratio Lower Upper

152 100

115 59.5 27.1 81.3

150 193.3 0.0 353.6

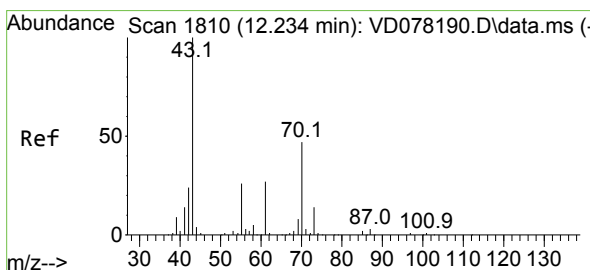
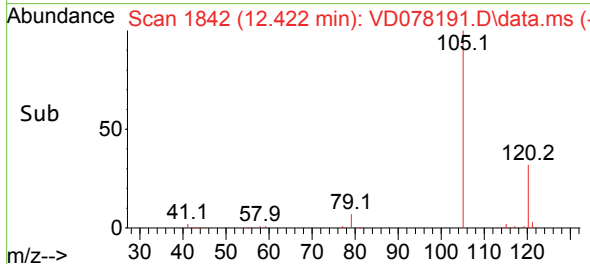
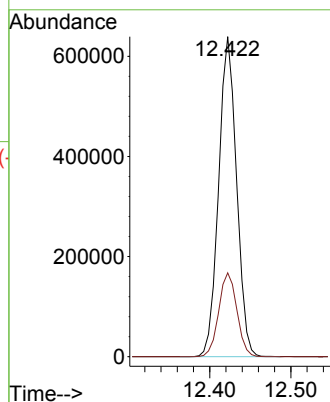
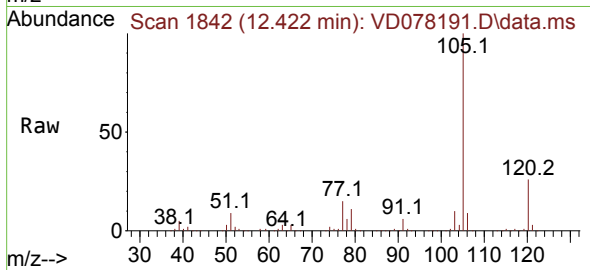




#73
Isopropylbenzene
Concen: 102.441 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

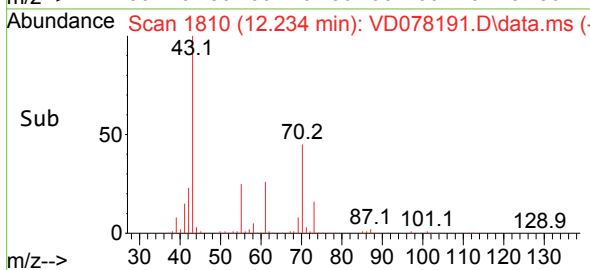
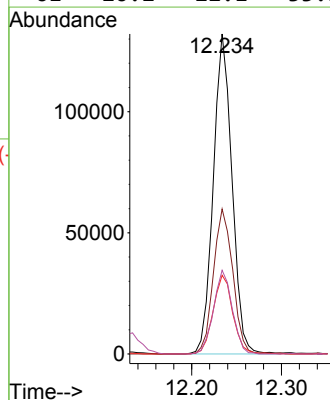
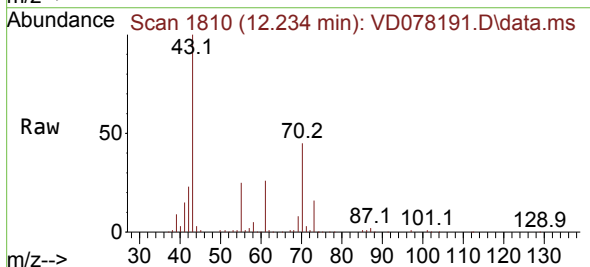
Instrument :
MSVOA_D
ClientSampleId :

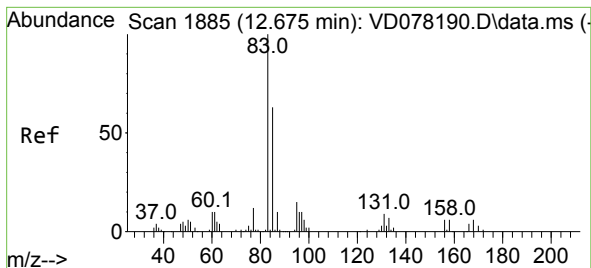
Tgt Ion:105 Resp: 981083
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 104.513 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 43 Resp: 191499
Ion Ratio Lower Upper
43 100
70 47.0 45.0 67.4
55 25.8 23.8 35.6
61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 96.365 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

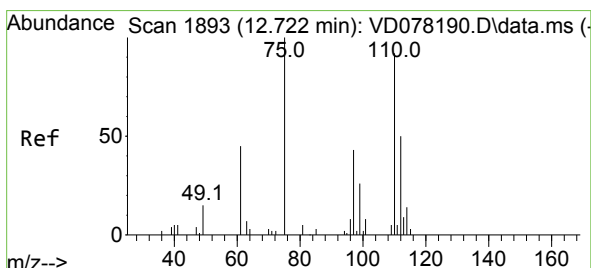
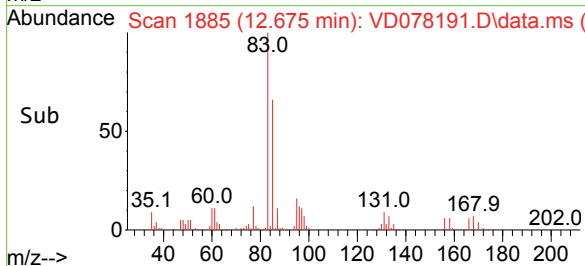
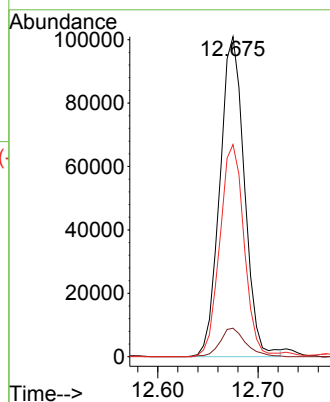
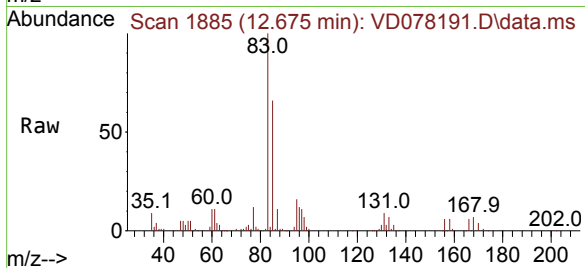
Tgt Ion: 83 Resp: 171726

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 197.150 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078191.D

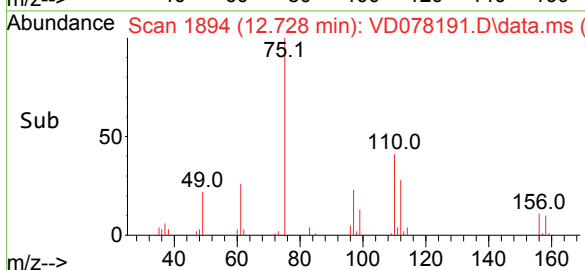
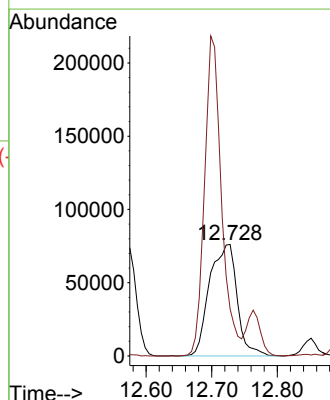
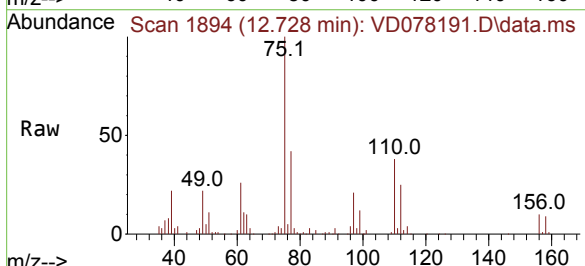
Acq: 22 Jan 2024 12:20

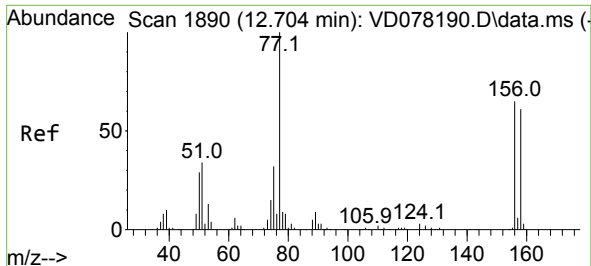
Tgt Ion: 75 Resp: 221929

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

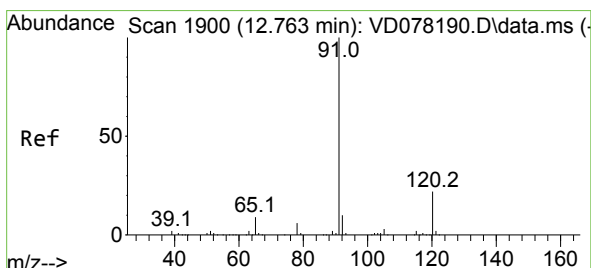
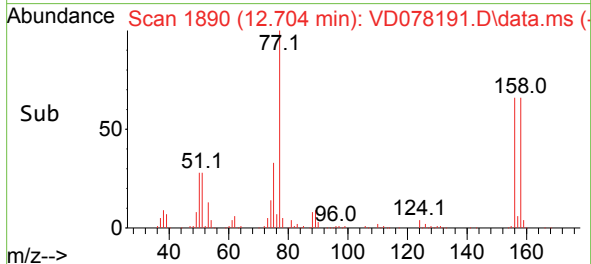
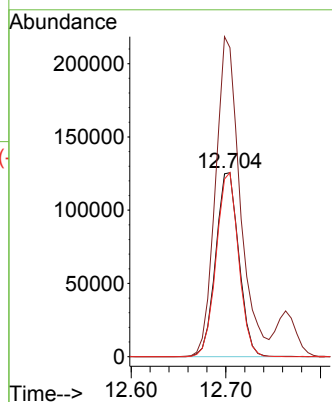
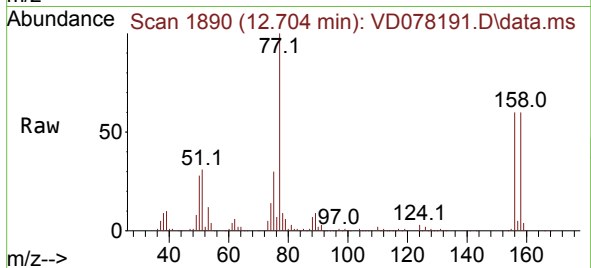




#77
Bromobenzene
Concen: 101.399 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

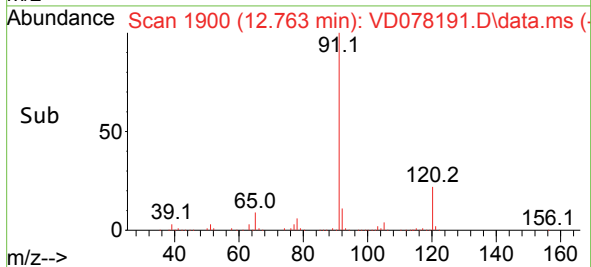
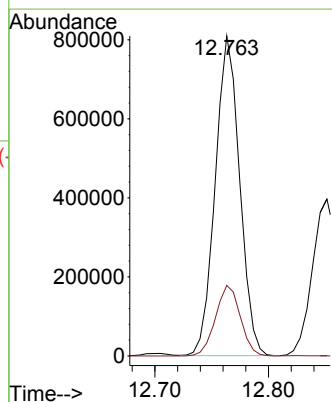
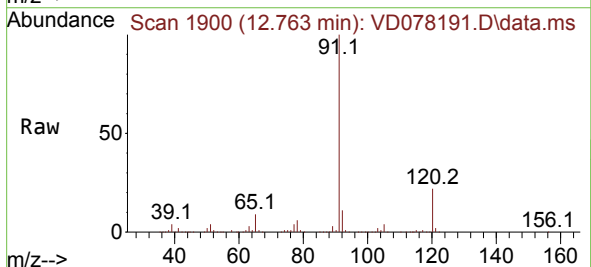
Instrument :
MSVOA_D
ClientSampleId :

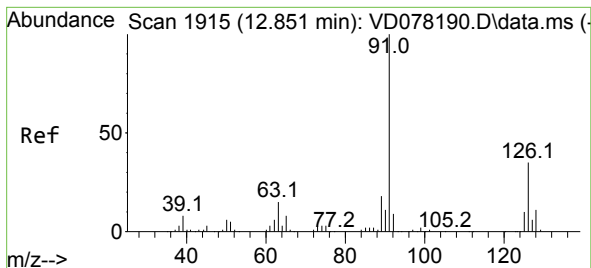
Tgt Ion:156 Resp: 212912
Ion Ratio Lower Upper
156 100
77 186.0 76.8 230.4
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 101.653 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 91 Resp: 1207456
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 100.220 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

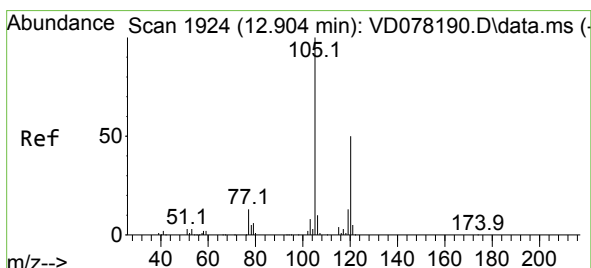
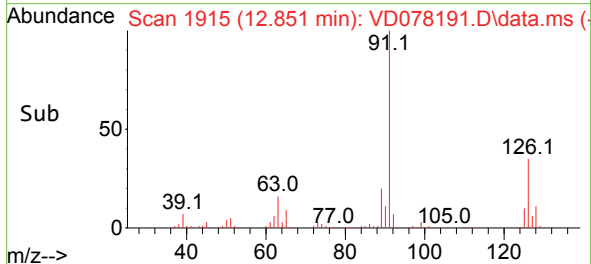
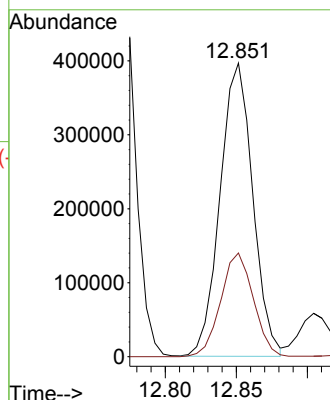
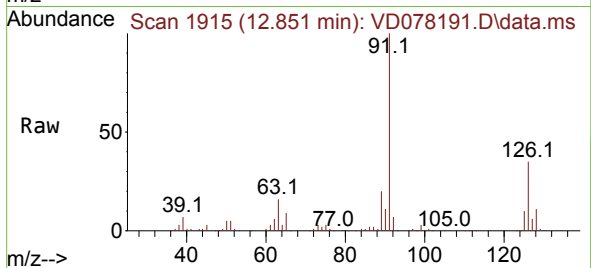
ClientSampleId :

Tgt Ion: 91 Resp: 635268

Ion Ratio Lower Upper

91 100

126 35.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 104.031 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078191.D

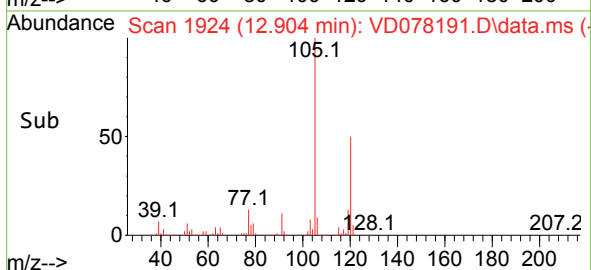
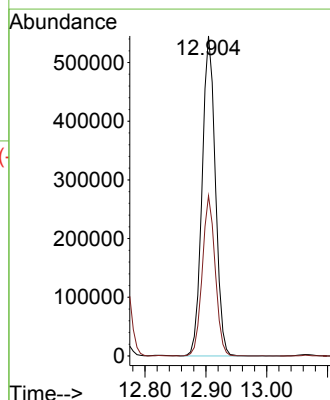
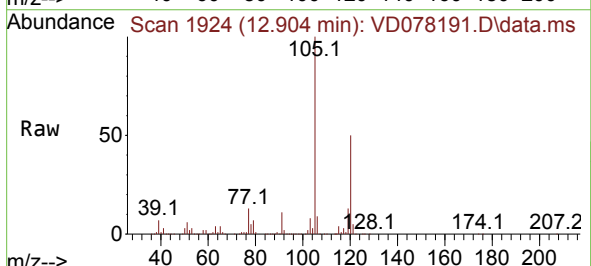
Acq: 22 Jan 2024 12:20

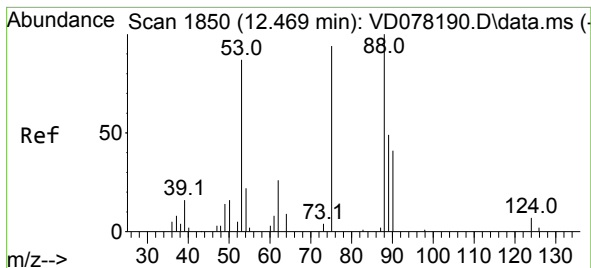
Tgt Ion: 105 Resp: 826116

Ion Ratio Lower Upper

105 100

120 48.8 26.4 79.2

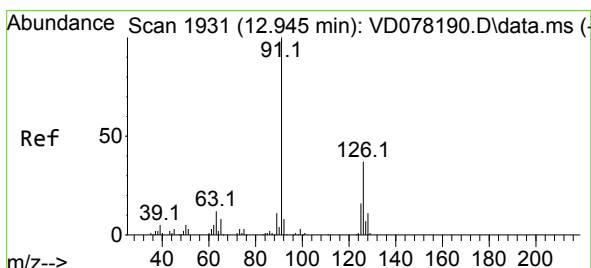
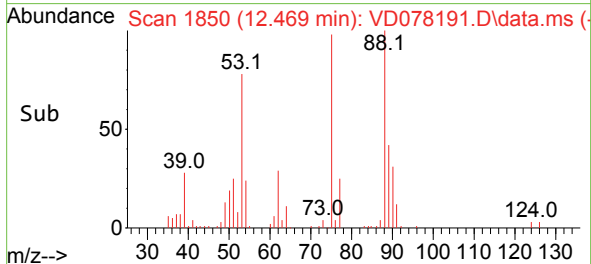
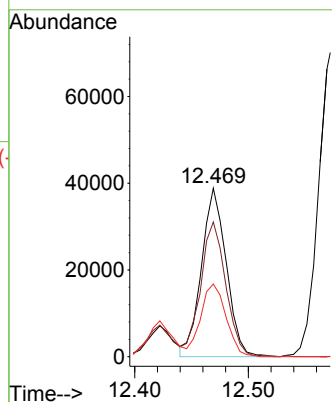
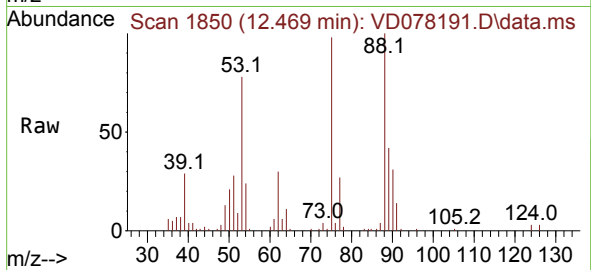




#81
trans-1,4-Dichloro-2-butene
Concen: 108.251 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

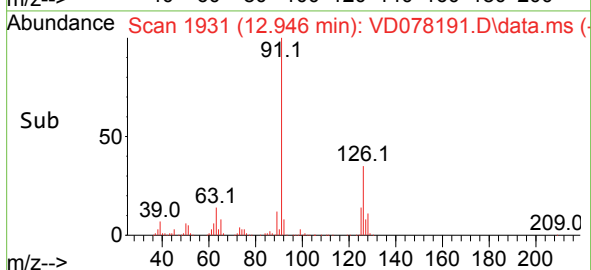
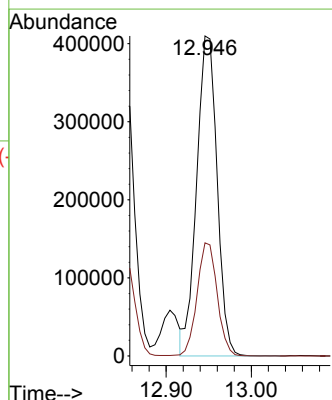
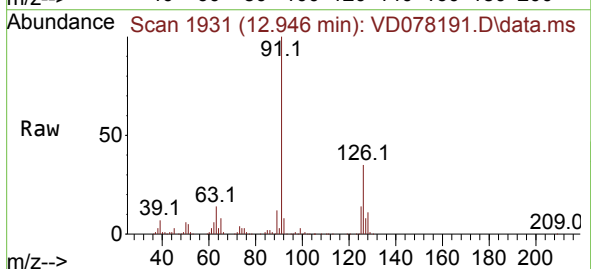
Instrument :
MSVOA_D
ClientSampleId :

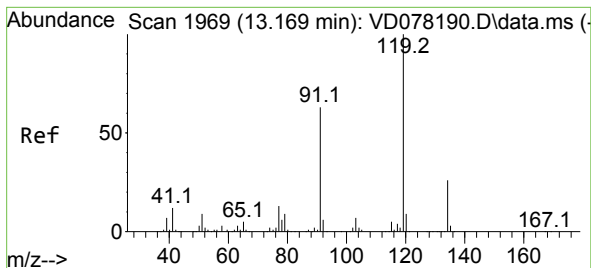
Tgt Ion: 75 Resp: 58710
Ion Ratio Lower Upper
75 100
53 82.0 63.0 94.4
89 44.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 102.191 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion: 91 Resp: 682826
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 105.526 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

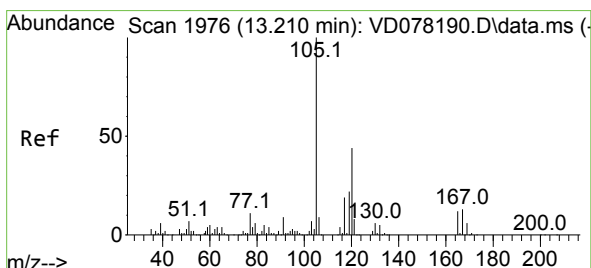
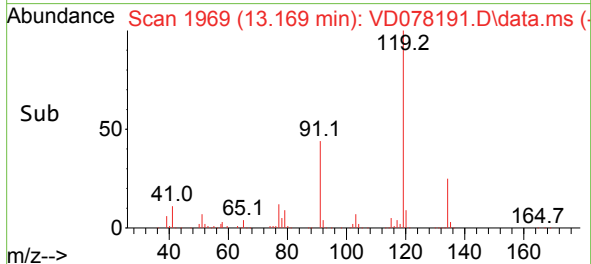
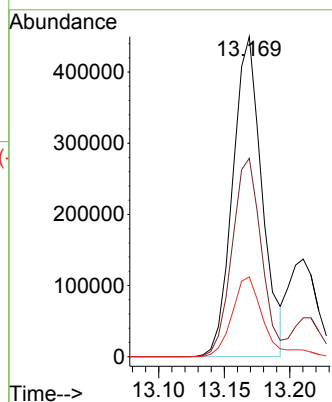
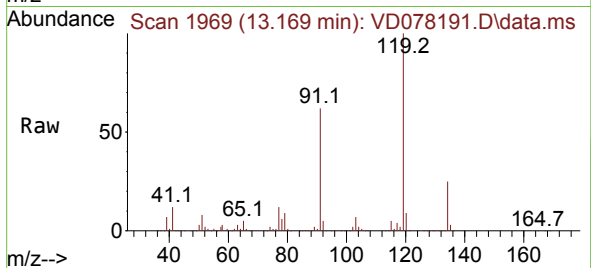
Tgt Ion:119 Resp: 700518

Ion Ratio Lower Upper

119 100

91 61.8 29.3 87.8

134 27.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 105.946 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078191.D

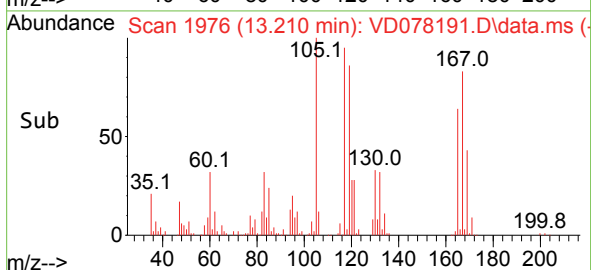
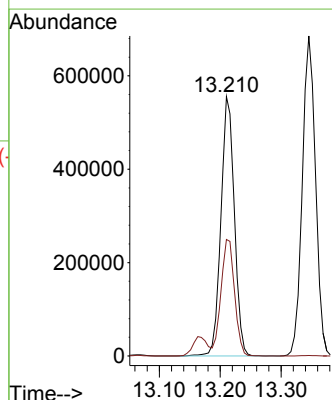
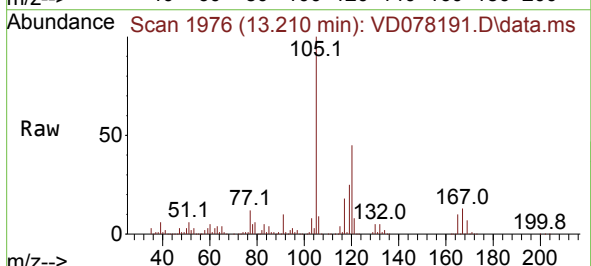
Acq: 22 Jan 2024 12:20

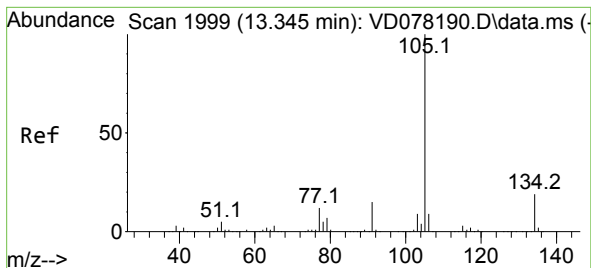
Tgt Ion:105 Resp: 850880

Ion Ratio Lower Upper

105 100

120 45.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 102.587 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

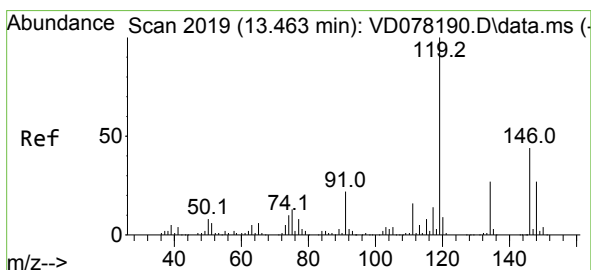
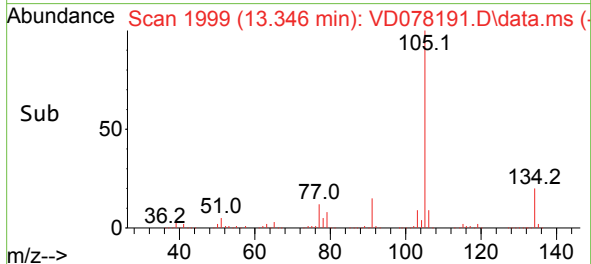
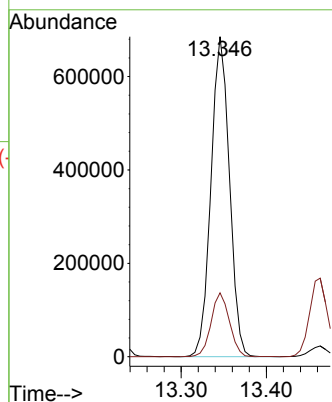
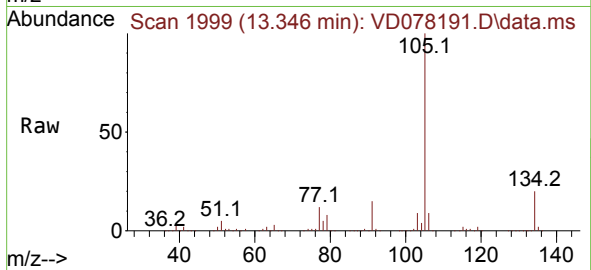
ClientSampleId :

Tgt Ion:105 Resp: 1031164

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 106.898 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

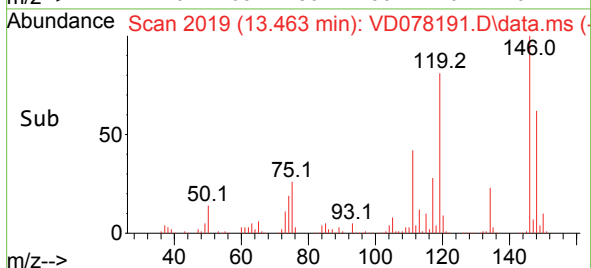
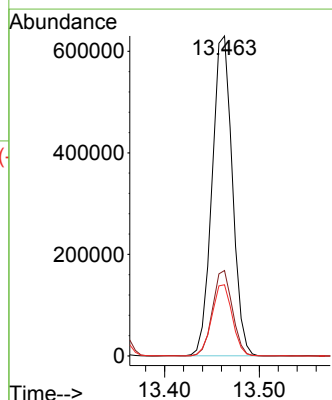
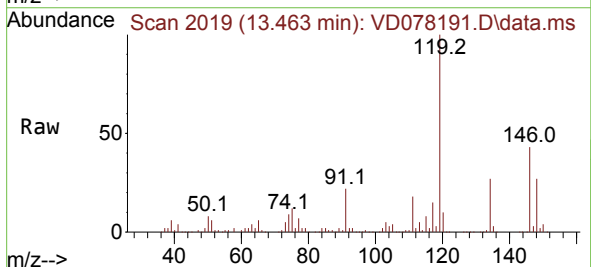
Tgt Ion:119 Resp: 935053

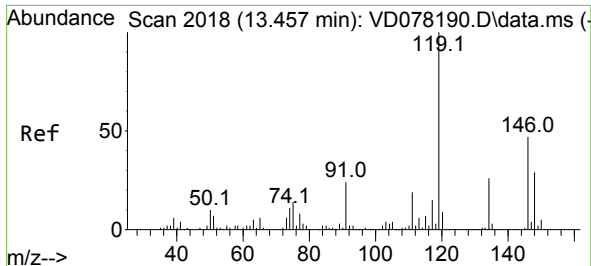
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 104.129 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

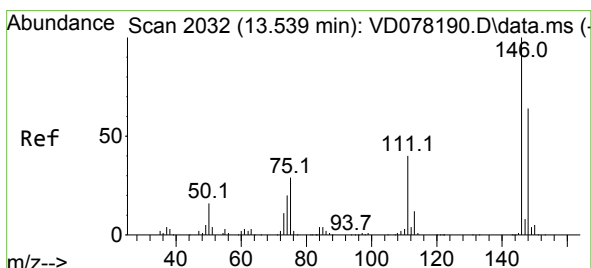
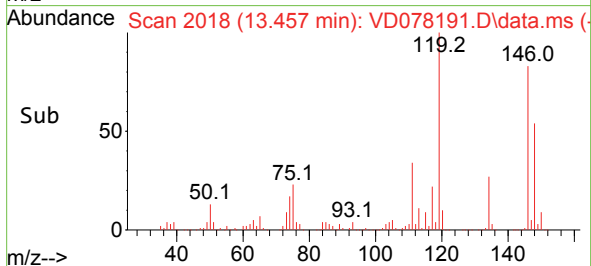
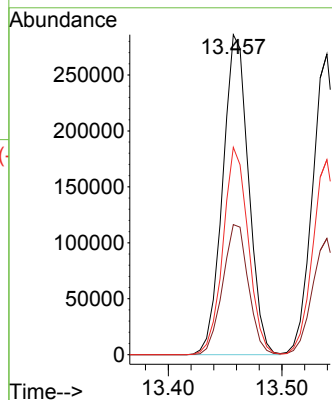
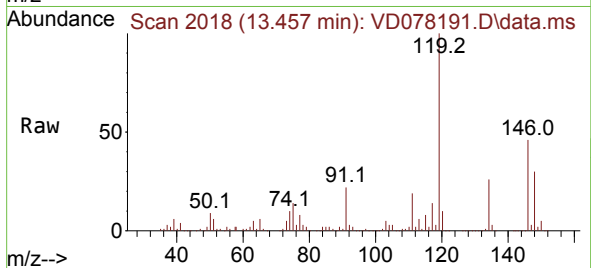
Tgt Ion:146 Resp: 452690

Ion Ratio Lower Upper

146 100

111 40.5 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 99.224 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

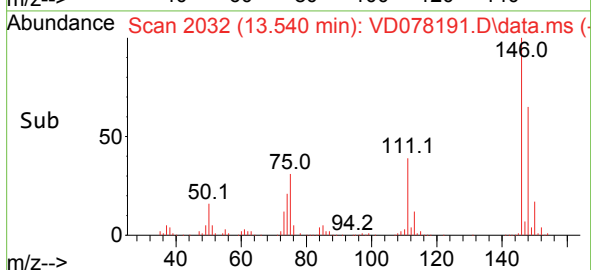
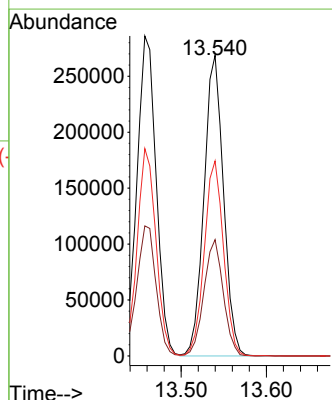
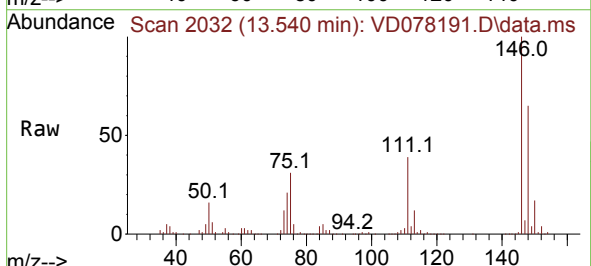
Tgt Ion:146 Resp: 426168

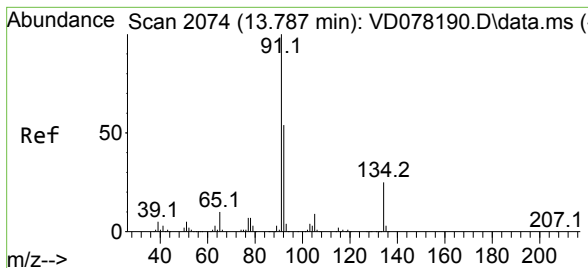
Ion Ratio Lower Upper

146 100

111 38.6 17.4 52.3

148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 103.383 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078191.D

Acq: 22 Jan 2024 12:20

Instrument :

MSVOA_D

ClientSampleId :

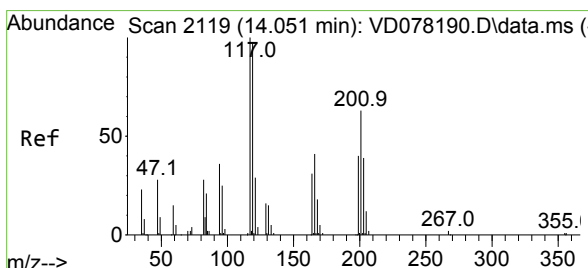
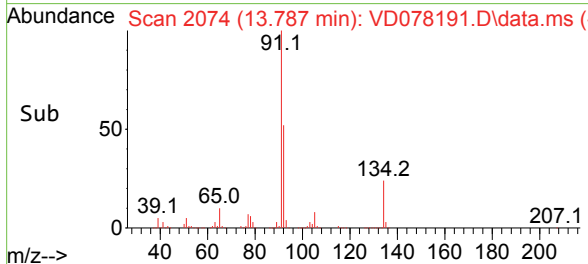
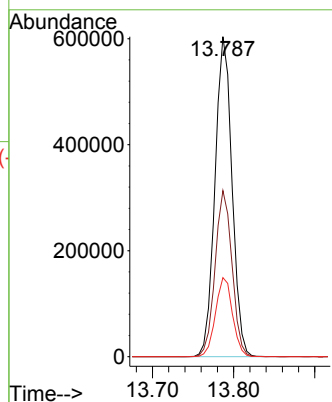
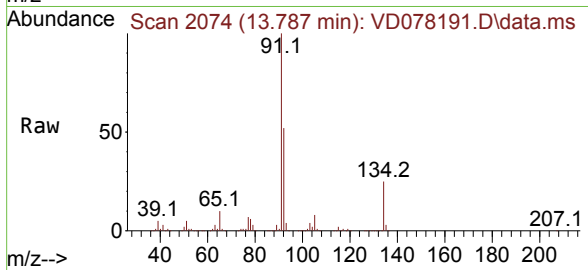
Tgt Ion: 91 Resp: 880332

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 99.993 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078191.D

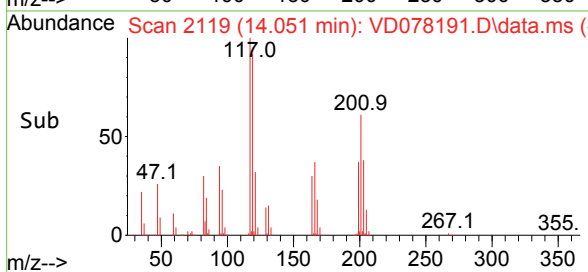
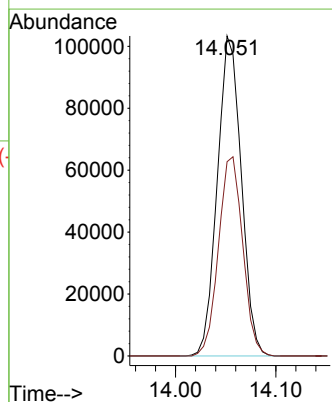
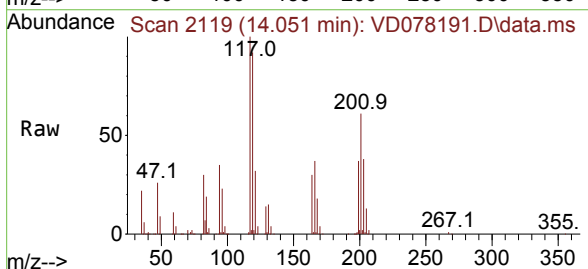
Acq: 22 Jan 2024 12:20

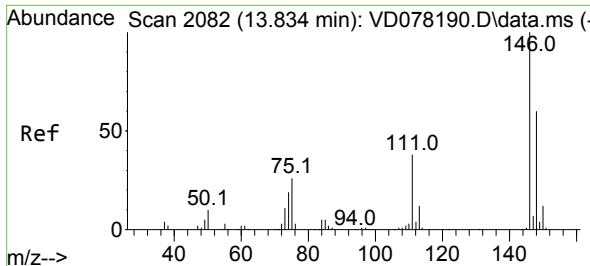
Tgt Ion: 117 Resp: 171573

Ion Ratio Lower Upper

117 100

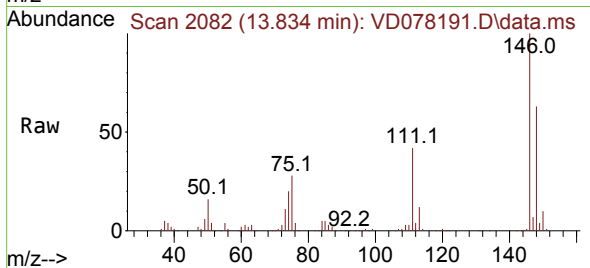
201 63.0 38.5 115.5



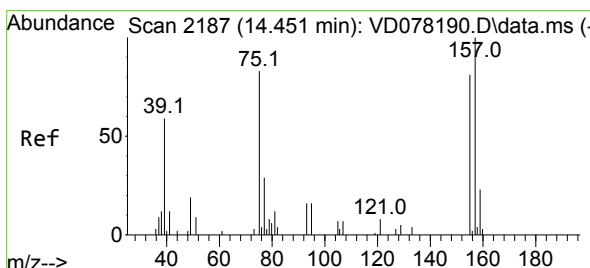
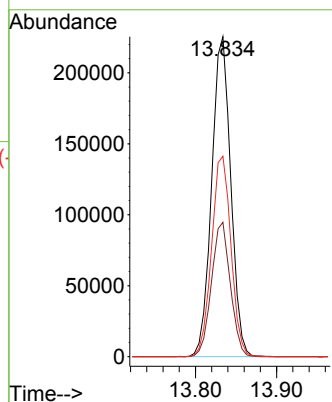
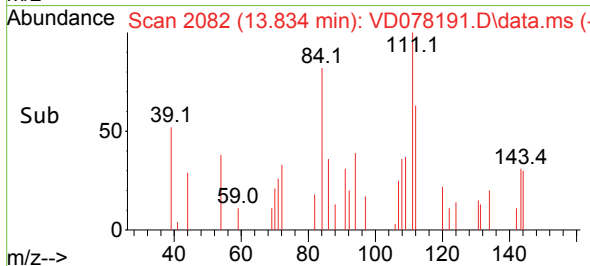


#91
1,2-Dichlorobenzene
Concen: 100.598 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

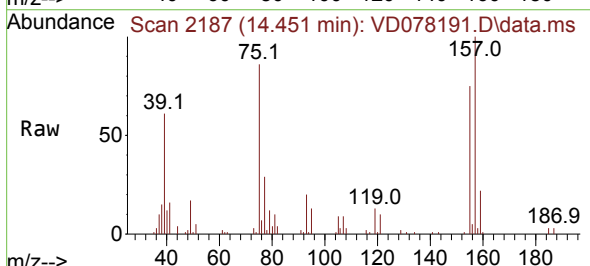
Instrument :
MSVOA_D
ClientSampleId :



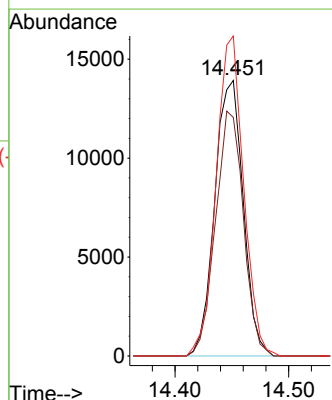
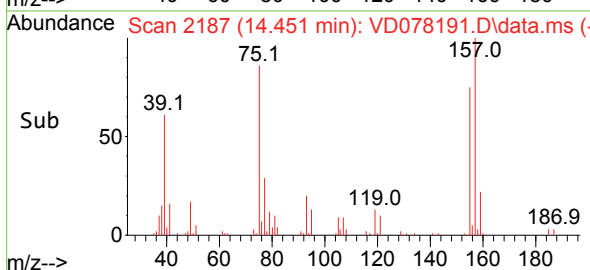
Tgt Ion:146 Resp: 367757
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 63.7 31.6 94.7

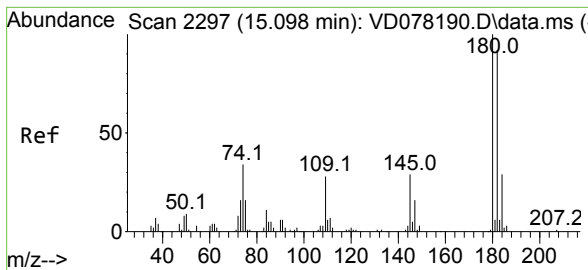


#92
1,2-Dibromo-3-Chloropropane
Concen: 95.306 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20



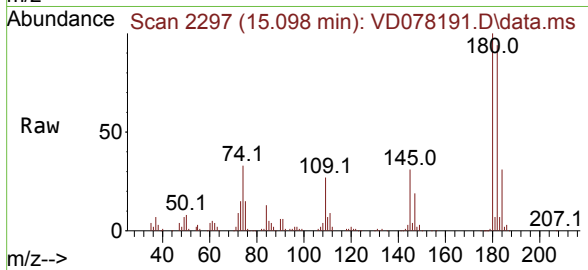
Tgt Ion: 75 Resp: 24271
Ion Ratio Lower Upper
75 100
155 87.1 47.9 143.8
157 111.9 59.9 179.7



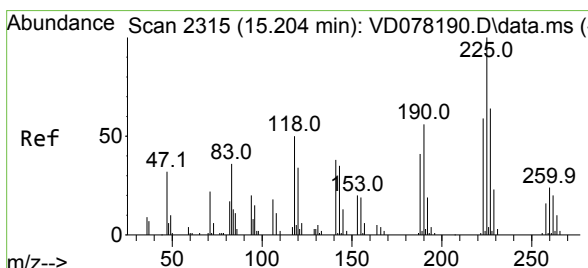
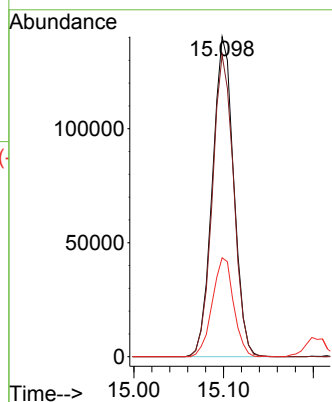
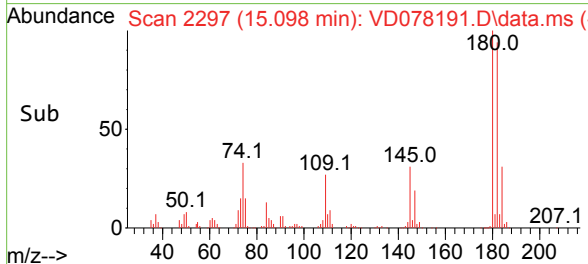


#93
 1,2,4-Trichlorobenzene
 Concen: 102.281 ug/l
 RT: 15.098 min Scan# 21130
 Delta R.T. 0.000 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20

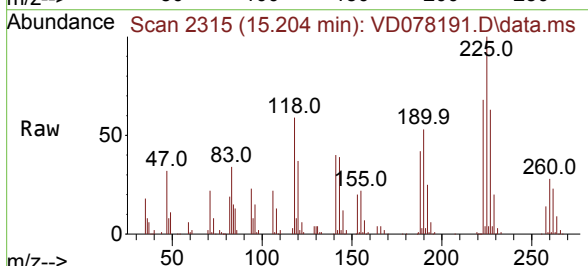
Instrument :
 MSVOA_D
 ClientSampleId :



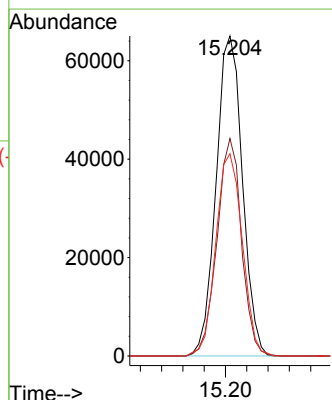
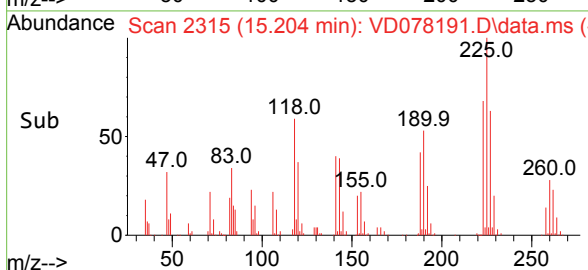
Tgt Ion:180 Resp: 231130
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.5 145.6
 145 31.0 14.2 42.6

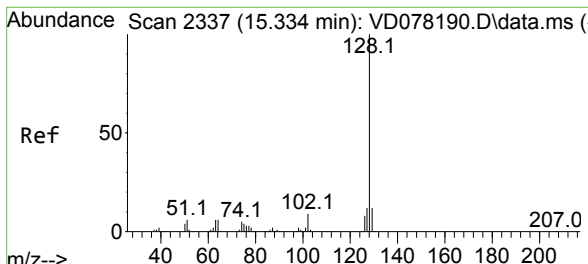


#94
 Hexachlorobutadiene
 Concen: 102.051 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078191.D
 Acq: 22 Jan 2024 12:20



Tgt Ion:225 Resp: 111438
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 63.5 31.7 95.1

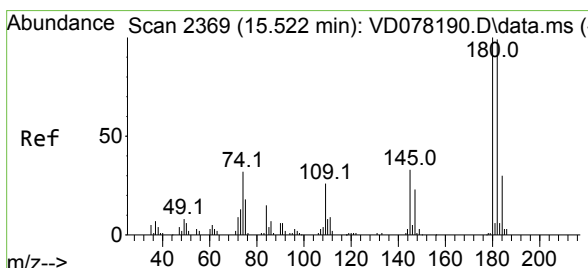
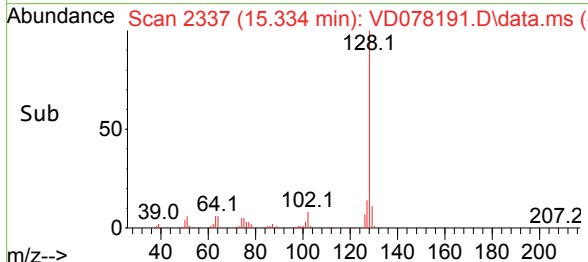
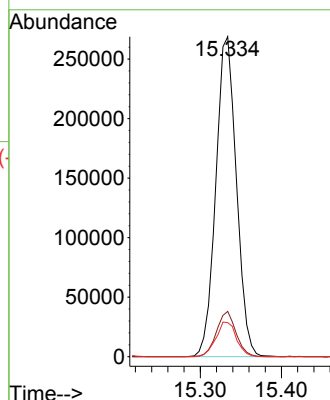
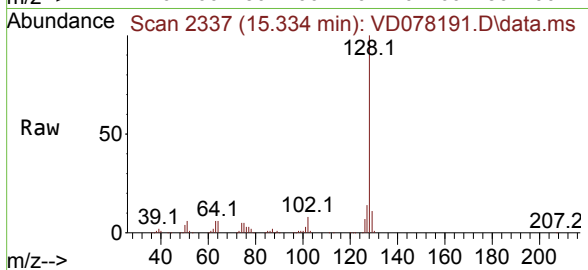




#95
Naphthalene
Concen: 112.101 ug/l
RT: 15.334 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 473626
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 106.125 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078191.D
Acq: 22 Jan 2024 12:20

Tgt Ion:180 Resp: 201206
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.1 15.1 45.3

