

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078115.D
 Acq On : 02 Jan 2024 09:23
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:02:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	179029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69898	43.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.804	113	83765	47.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.269	98	308321	49.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.575	95	96787	48.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	69209	45.106	ug/l	98
3) Chloromethane	2.152	50	91236	43.117	ug/l	97
4) Vinyl Chloride	2.293	62	141604	44.397	ug/l	98
5) Bromomethane	2.699	94	110843	43.344	ug/l	98
6) Chloroethane	2.846	64	103654	44.225	ug/l	95
7) Trichlorofluoromethane	3.181	101	155191	50.552	ug/l	100
8) Diethyl Ether	3.593	74	41595	49.411	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	98352	51.437	ug/l	96
10) Methyl Iodide	4.169	142	98176	54.640	ug/l	94
11) Tert butyl alcohol	5.052	59	21757	306.111	ug/l	100
12) 1,1-Dichloroethene	3.946	96	87664	51.815	ug/l	92
13) Acrolein	3.793	56	18431	219.685	ug/l	98
14) Allyl chloride	4.563	41	95819	46.856	ug/l	91
15) Acrylonitrile	5.258	53	87141	247.464	ug/l	97
16) Acetone	4.022	43	98966	312.063	ug/l	87
17) Carbon Disulfide	4.275	76	207655	49.674	ug/l	99
18) Methyl Acetate	4.563	43	71112	54.469	ug/l	96
19) Methyl tert-butyl Ether	5.328	73	193259	51.611	ug/l	99
20) Methylene Chloride	4.799	84	102245	52.539	ug/l	97
21) trans-1,2-Dichloroethene	5.322	96	98541	50.669	ug/l	96
22) Diisopropyl ether	6.216	45	230050	50.364	ug/l	95
23) Vinyl Acetate	6.157	43	417930	239.325	ug/l	96
24) 1,1-Dichloroethane	6.110	63	165364	48.920	ug/l	97
25) 2-Butanone	7.081	43	112551	267.725	ug/l	90
26) 2,2-Dichloropropane	7.081	77	156664	51.586	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	115402	50.017	ug/l	95
28) Bromochloromethane	7.428	49	59842	49.482	ug/l	99
29) Tetrahydrofuran	7.440	42	58961	239.102	ug/l	97
30) Chloroform	7.599	83	183925	50.208	ug/l	99
31) Cyclohexane	7.881	56	123855	48.739	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	166351	52.838	ug/l	98
36) 1,1-Dichloropropene	8.010	75	134575	54.309	ug/l	99
37) Ethyl Acetate	7.175	43	41319	50.135	ug/l	98
38) Carbon Tetrachloride	7.993	117	152625	56.841	ug/l	96
39) Methylcyclohexane	9.275	83	158642	55.841	ug/l	99
40) Benzene	8.251	78	387356	54.236	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	27262	52.286	ug/l	# 89
42) 1,2-Dichloroethane	8.328	62	100055	51.839	ug/l	97
43) Isopropyl Acetate	8.363	43	85662	51.917	ug/l	96
44) Trichloroethene	9.028	130	114526	55.737	ug/l	100
45) 1,2-Dichloropropane	9.304	63	93614	51.727	ug/l	95
46) Dibromomethane	9.398	93	54314	53.584	ug/l	97
47) Bromodichloromethane	9.587	83	135418	51.432	ug/l	# 96
48) Methyl methacrylate	9.381	41	46665	50.183	ug/l	# 84
49) 1,4-Dioxane	9.381	88	11115	1159.973	ug/l	# 93
51) 4-Methyl-2-Pentanone	10.157	43	223039	263.440	ug/l	94
52) Toluene	10.334	92	253267	54.674	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	130868	54.783	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	154123	53.724	ug/l	# 92
55) 1,1,2-Trichloroethane	10.734	97	76999	53.982	ug/l	97
56) Ethyl methacrylate	10.598	69	63243	55.870	ug/l	96
57) 1,3-Dichloropropane	10.881	76	123527	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	146279	298.476	ug/l	100
59) 2-Hexanone	10.922	43	176803	268.844	ug/l	93
60) Dibromochloromethane	11.075	129	100438	55.273	ug/l	96
61) 1,2-Dibromoethane	11.181	107	73592	53.814	ug/l	98
64) Tetrachloroethene	10.810	164	95847	57.806	ug/l	97
65) Chlorobenzene	11.610	112	282562	54.203	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	111623	56.573	ug/l	95
67) Ethyl Benzene	11.687	91	505318	55.602	ug/l	98
68) m/p-Xylenes	11.792	106	399935	113.073	ug/l	96
69) o-Xylene	12.122	106	181907	55.182	ug/l	94
70) Styrene	12.134	104	274846	56.470	ug/l	96
71) Bromoform	12.298	173	61835	56.805	ug/l	# 100
73) Isopropylbenzene	12.422	105	512580	58.511	ug/l	97
74) N-amyl acetate	12.234	43	75342	51.806	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	84967	53.366	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	104679	97.551	ug/l	# 100
77) Bromobenzene	12.704	156	123217	57.817	ug/l	99
78) n-propylbenzene	12.763	91	595725	56.494	ug/l	98
79) 2-Chlorotoluene	12.851	91	314372	55.118	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	414669	57.228	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27006	54.229	ug/l	99
82) 4-Chlorotoluene	12.945	91	329249	53.842	ug/l	99
83) tert-Butylbenzene	13.169	119	381777	58.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	416412	56.421	ug/l	99
85) sec-Butylbenzene	13.345	105	537806	58.036	ug/l	99
86) p-Isopropyltoluene	13.463	119	489891	59.073	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	252364	57.233	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	244492	56.535	ug/l	99
89) n-Butylbenzene	13.786	91	431638	56.705	ug/l	99
90) Hexachloroethane	14.057	117	94596	57.057	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	213853	56.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11943	53.558	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	146100	59.094	ug/l	98
94) Hexachlorobutadiene	15.204	225	89932	64.743	ug/l	99
95) Naphthalene	15.333	128	248321	58.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	127040	60.559	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

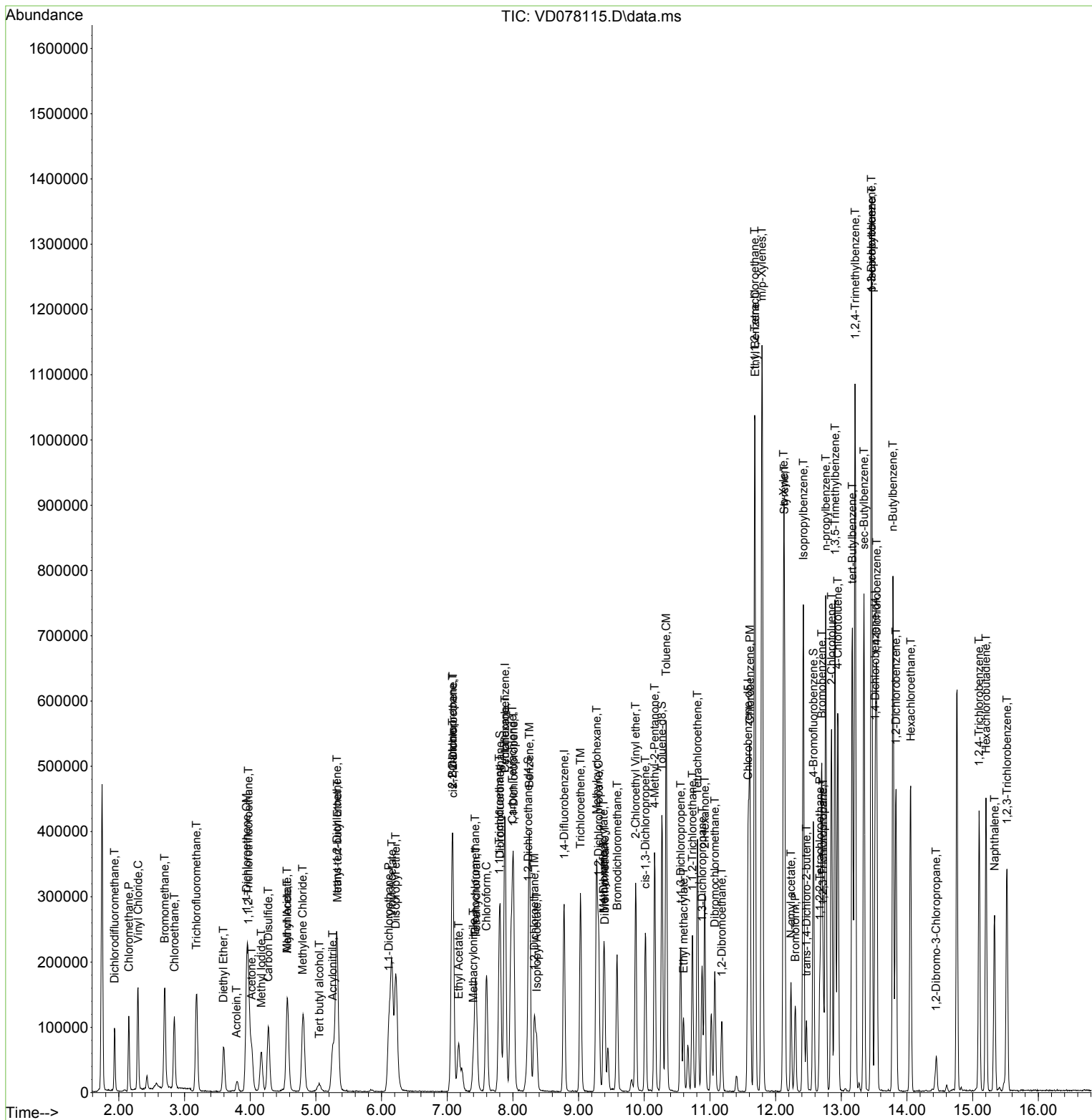
Instrument :
MSVOA_D
ClientSampleId :

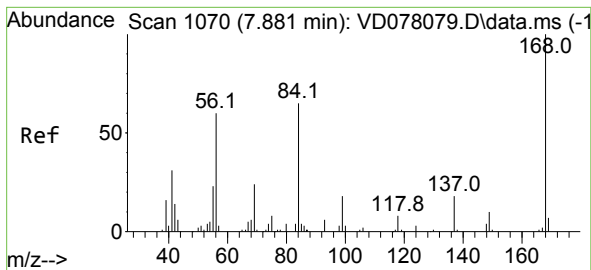
Quant Time: Jan 03 00:02:52 2024
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

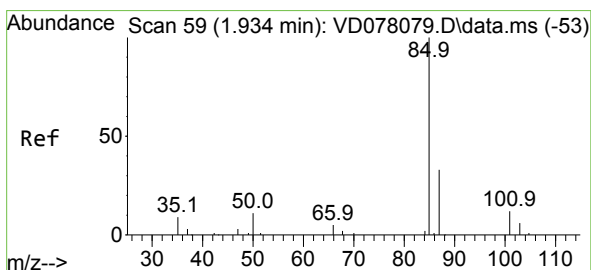
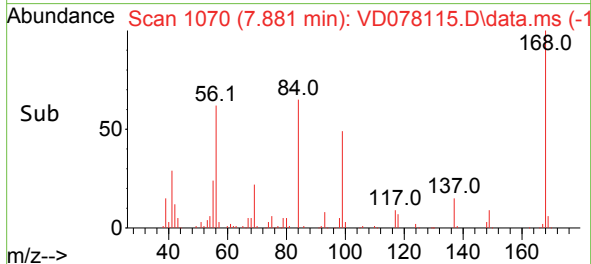
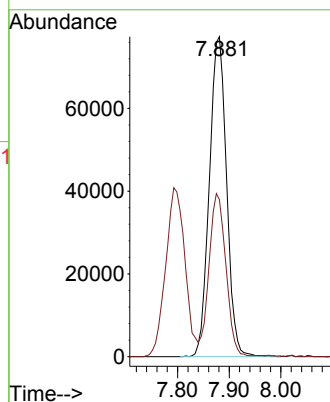
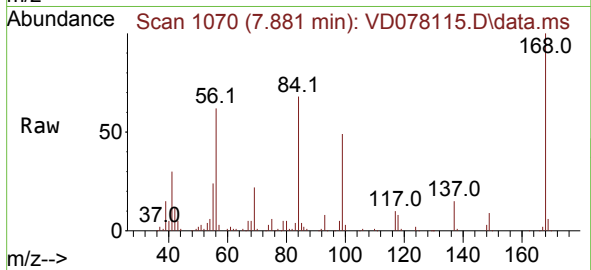
ClientSampleId :

Tgt Ion:168 Resp: 179029

Ion Ratio Lower Upper

168 100

99 48.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 45.106 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078115.D

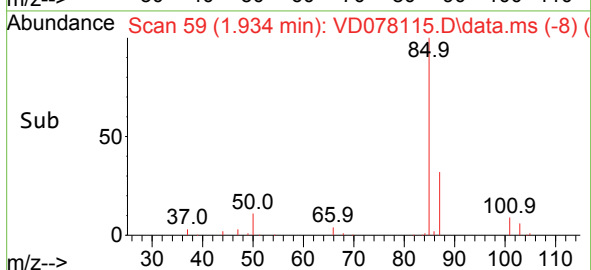
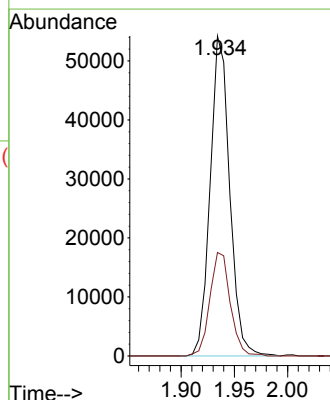
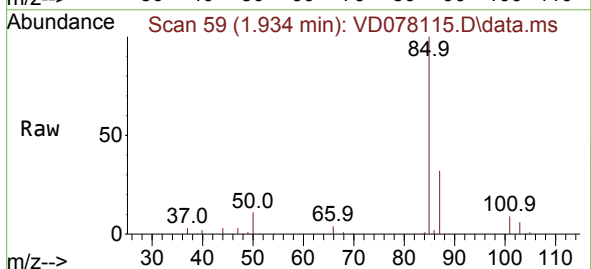
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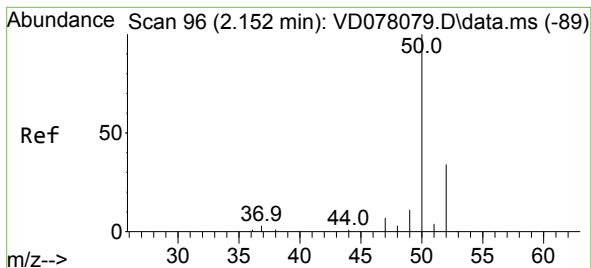
Tgt Ion: 85 Resp: 69209

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0





#3

Chloromethane

Concen: 43.117 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

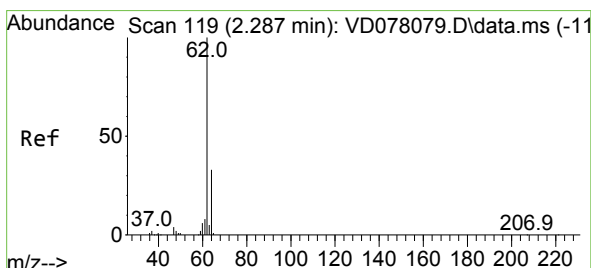
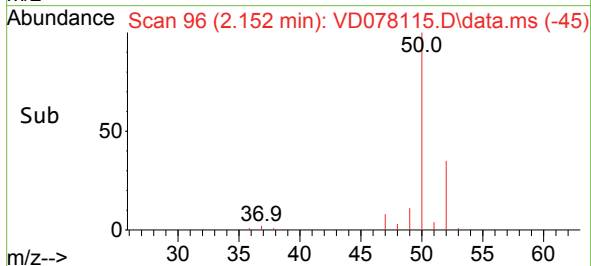
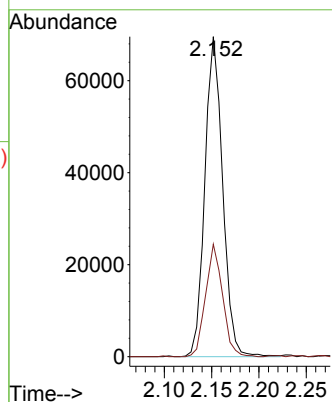
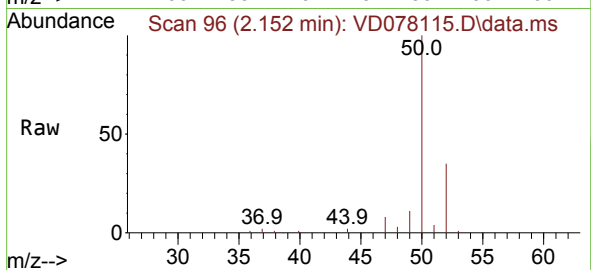
ClientSampleId :

Tgt Ion: 50 Resp: 91236

Ion Ratio Lower Upper

50 100

52 35.2 26.6 40.0



#4

Vinyl Chloride

Concen: 44.397 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078115.D

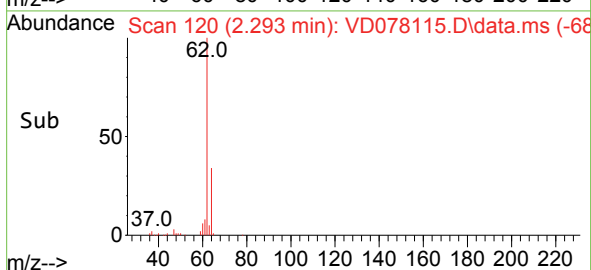
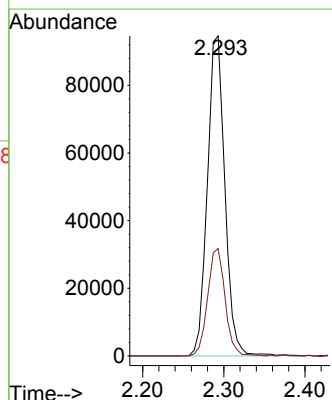
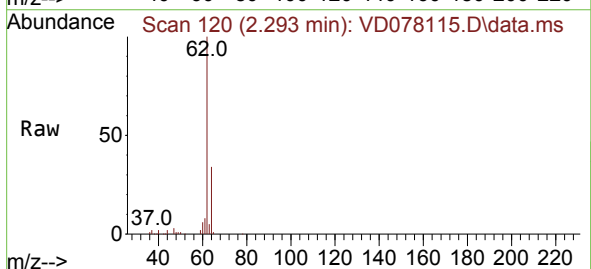
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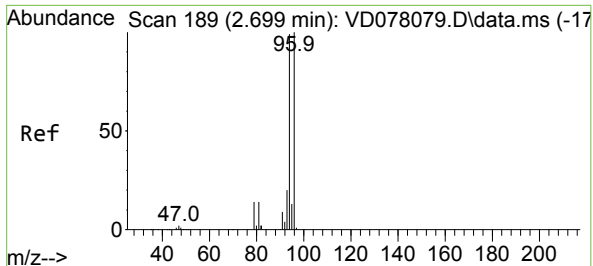
Tgt Ion: 62 Resp: 141604

Ion Ratio Lower Upper

62 100

64 33.6 26.0 39.0

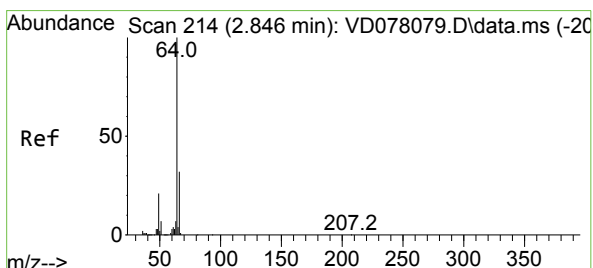
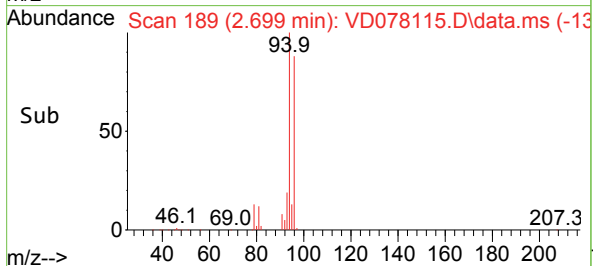
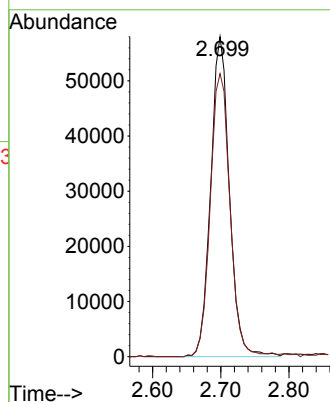
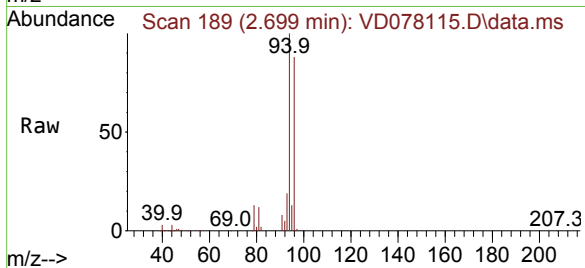




#5
Bromomethane
Concen: 43.344 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

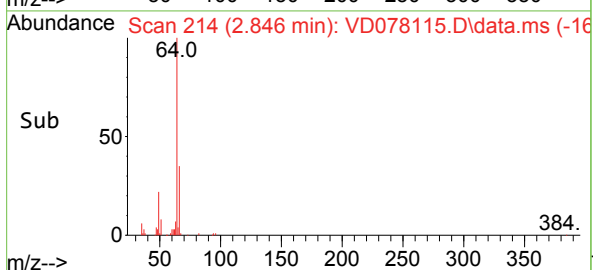
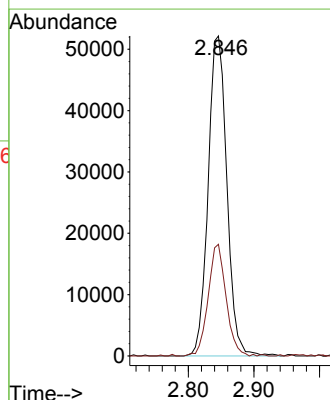
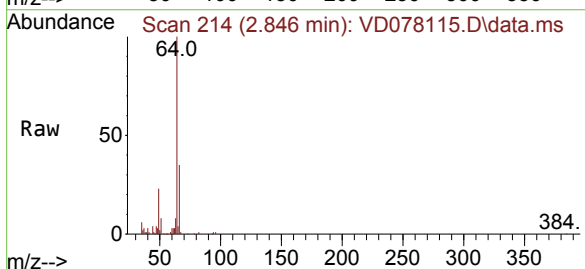
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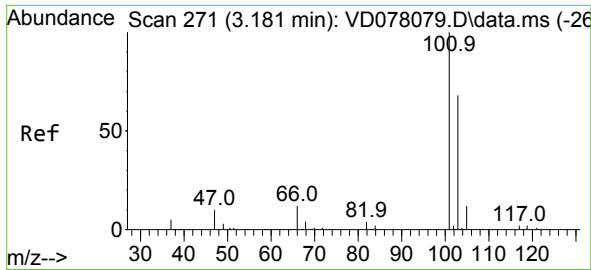
Tgt Ion: 94 Resp: 110843
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 44.225 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

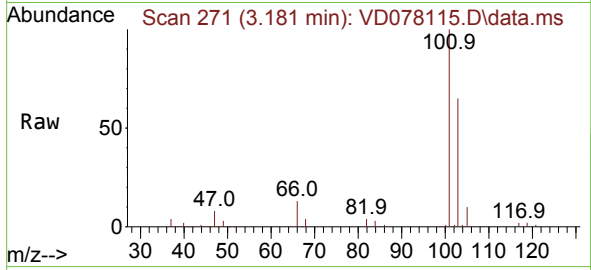
Tgt Ion: 64 Resp: 103654
Ion Ratio Lower Upper
64 100
66 34.9 25.5 38.3



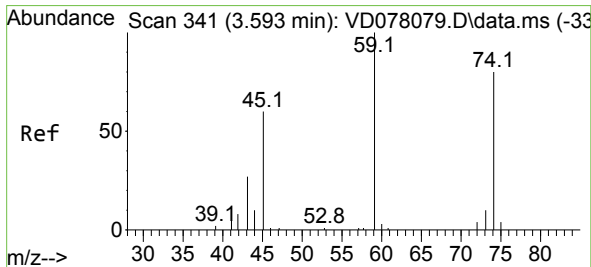
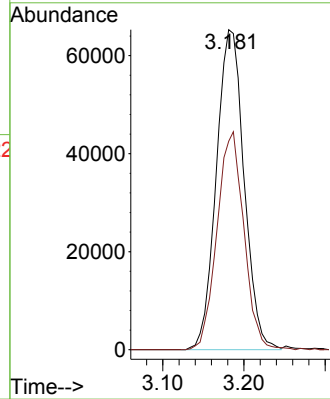
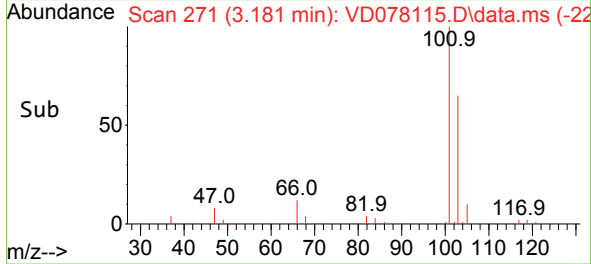


#7
Trichlorofluoromethane
Concen: 50.552 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

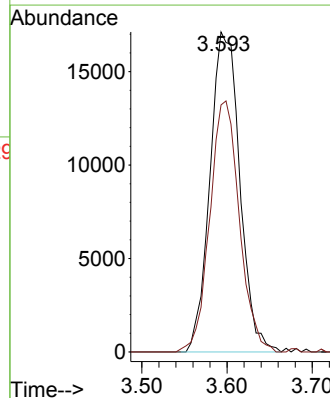
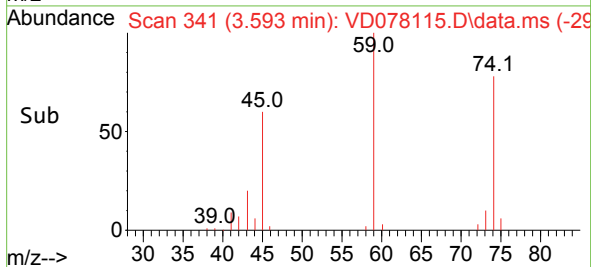
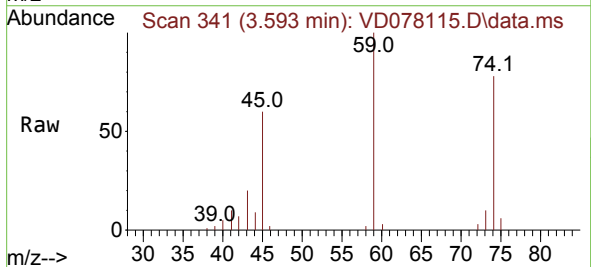


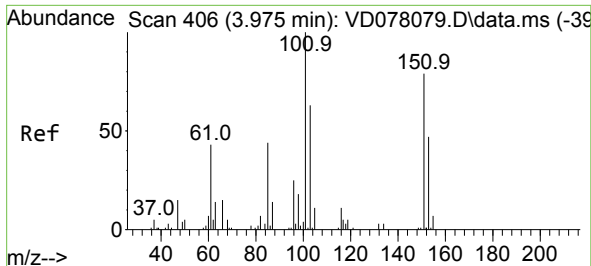
Tgt Ion:101 Resp: 155191
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



#8
Diethyl Ether
Concen: 49.411 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 74 Resp: 41595
Ion Ratio Lower Upper
74 100
45 77.9 37.5 112.7

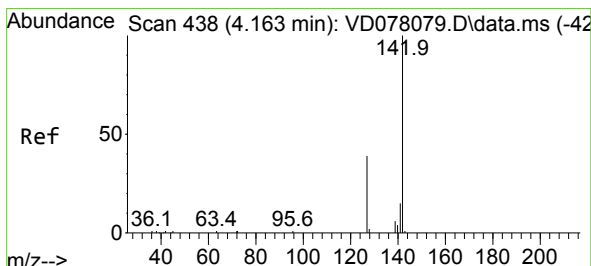
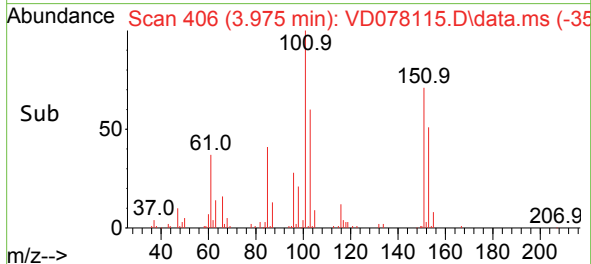
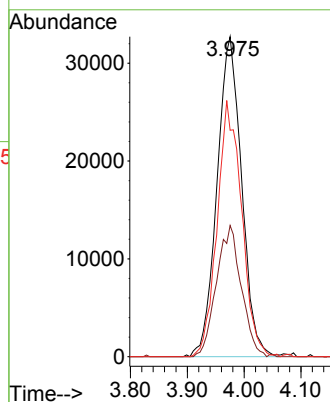
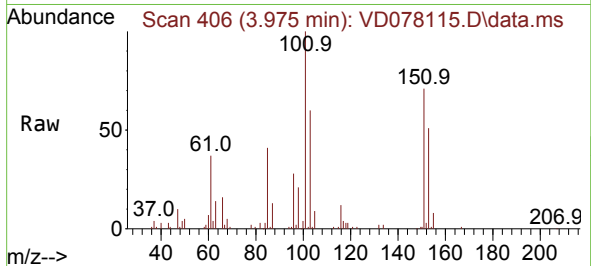




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.437 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078115.D
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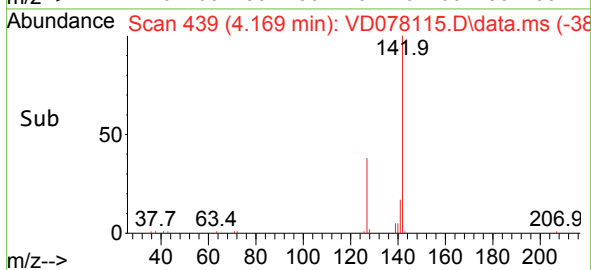
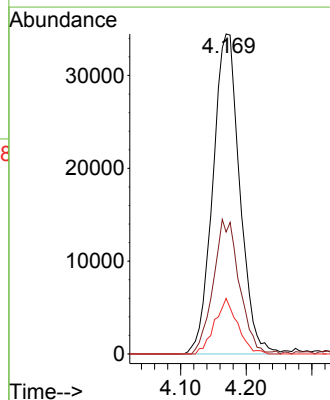
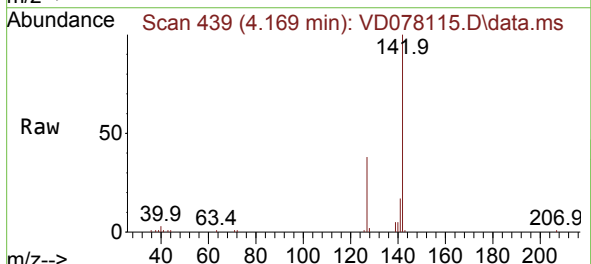
Instrument :
MSVOA_D
ClientSampleId :

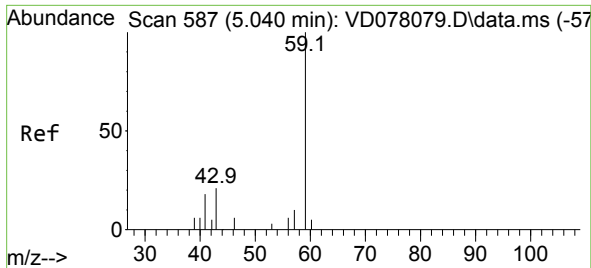
Tgt Ion:101 Resp: 98352
Ion Ratio Lower Upper
101 100
85 41.4 33.8 50.6
151 79.5 59.8 89.6



#10
Methyl Iodide
Concen: 54.640 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:142 Resp: 98176
Ion Ratio Lower Upper
142 100
127 40.9 29.4 44.0
141 14.9 11.1 16.7

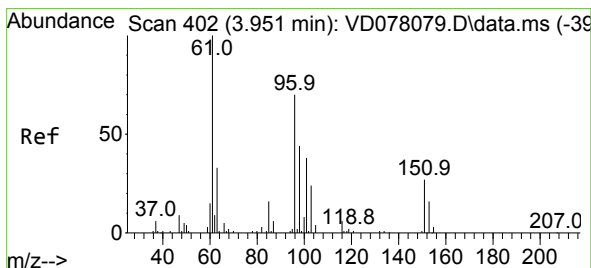
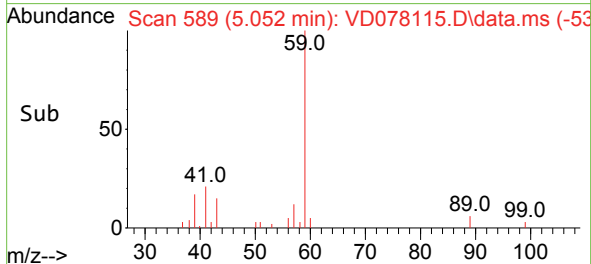
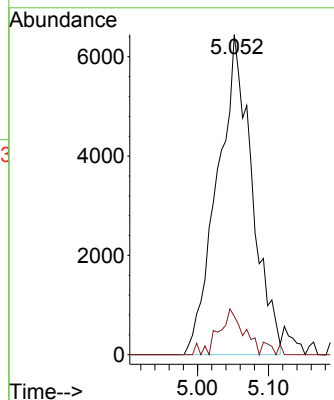
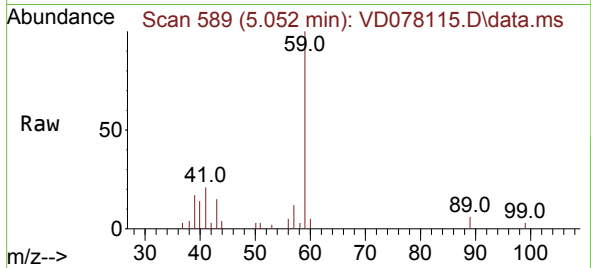




#11
Tert butyl alcohol
Concen: 306.111 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

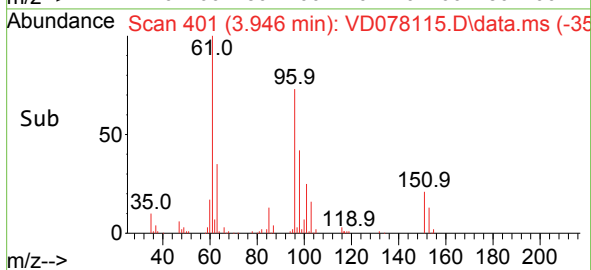
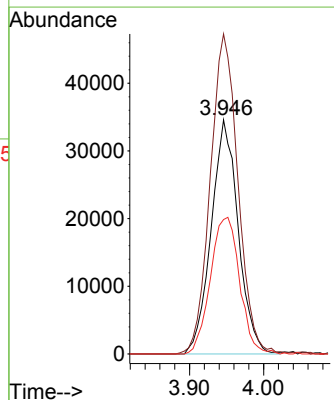
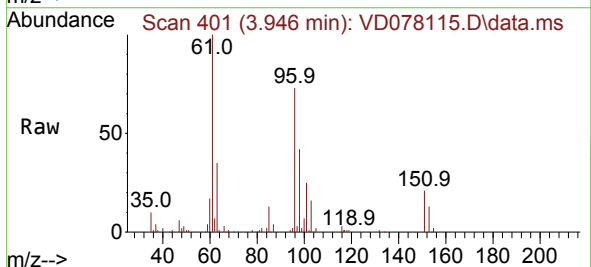
Instrument :
MSVOA_D
ClientSampleId :

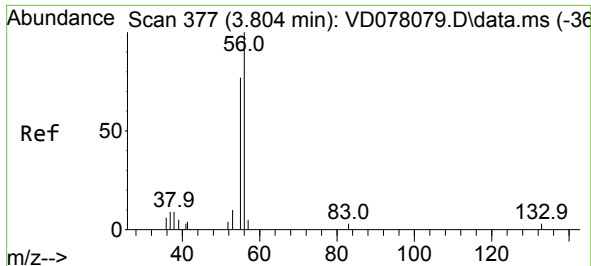
Tgt Ion: 59 Resp: 21757
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.815 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 96 Resp: 87664
Ion Ratio Lower Upper
96 100
61 136.2 100.6 150.8
98 57.4 50.2 75.2

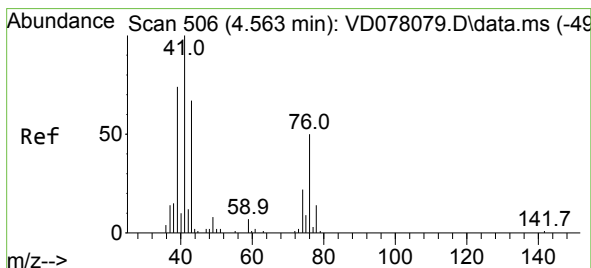
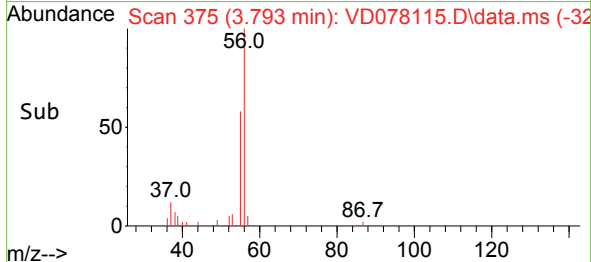
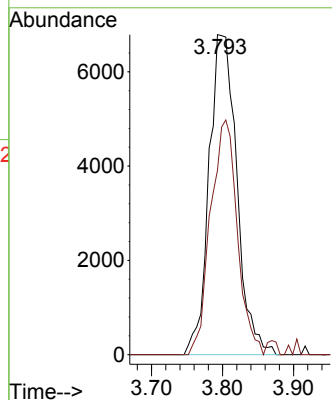
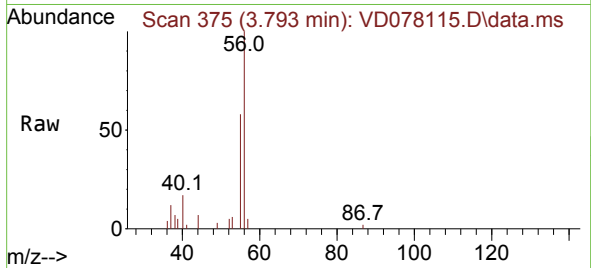




#13
Acrolein
Concen: 219.685 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

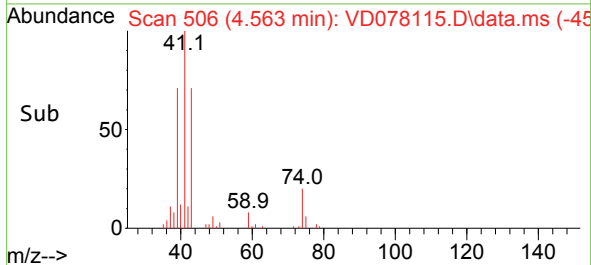
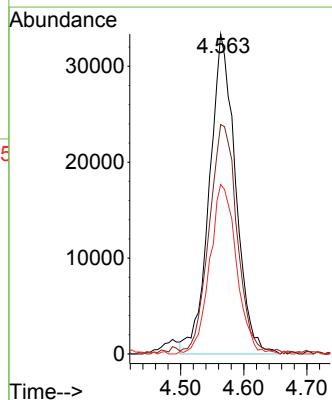
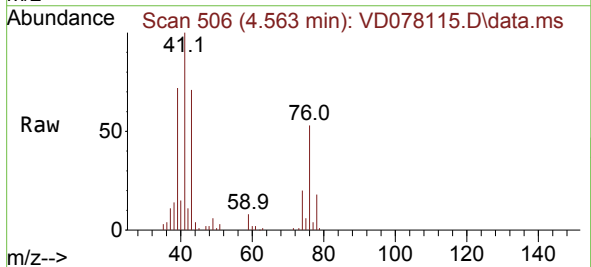
Instrument :
MSVOA_D
ClientSampleId :

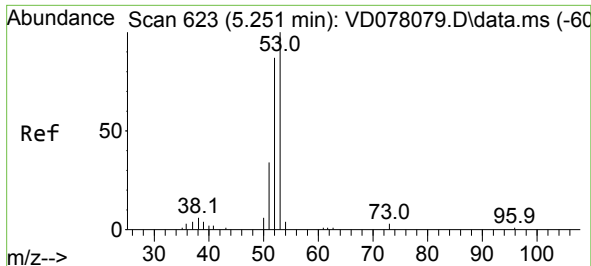
Tgt Ion: 56 Resp: 18431
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7



#14
Allyl chloride
Concen: 46.856 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

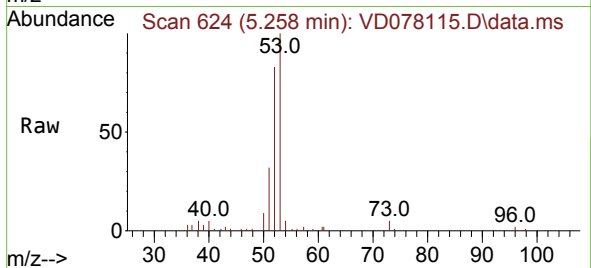
Tgt Ion: 41 Resp: 95819
Ion Ratio Lower Upper
41 100
39 77.2 53.8 80.6
76 54.3 45.8 68.8



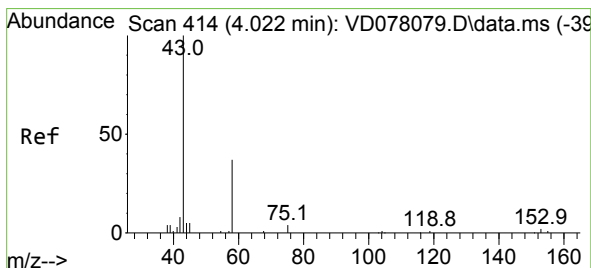
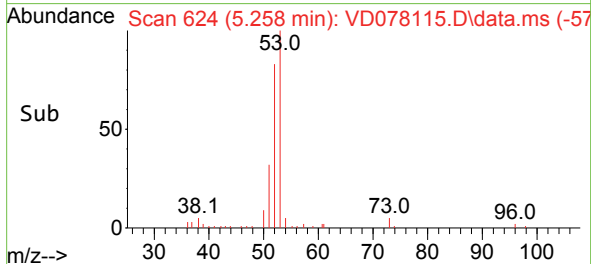
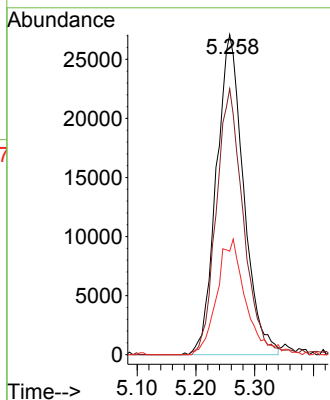


#15
Acrylonitrile
Concen: 247.464 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

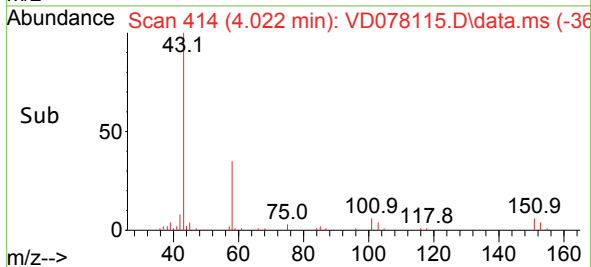
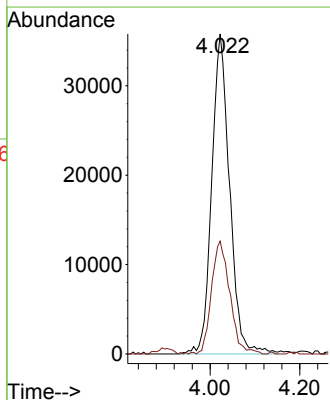
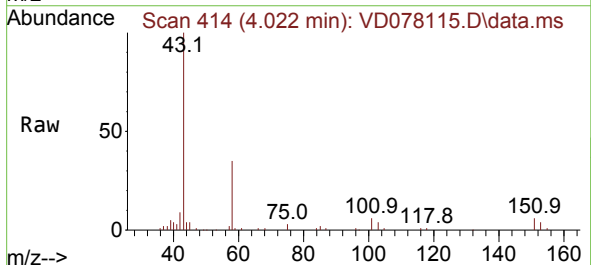


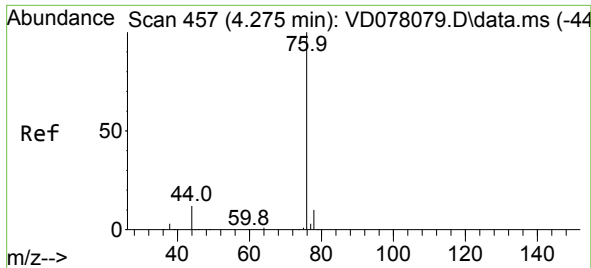
Tgt Ion: 53 Resp: 87141
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.4
51 38.4 28.3 42.5



#16
Acetone
Concen: 312.063 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 43 Resp: 98966
Ion Ratio Lower Upper
43 100
58 35.3 34.7 52.1

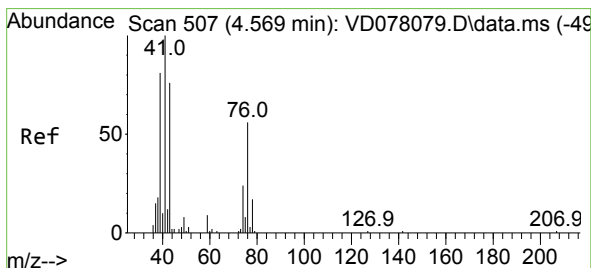
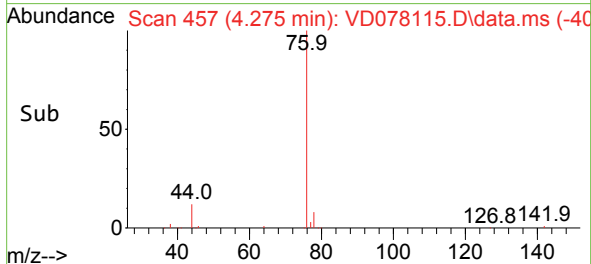
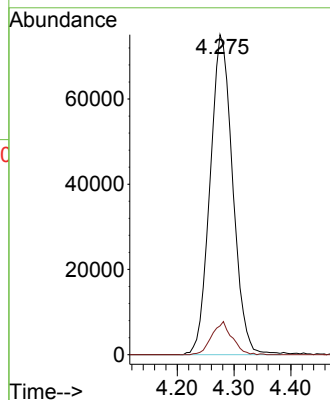
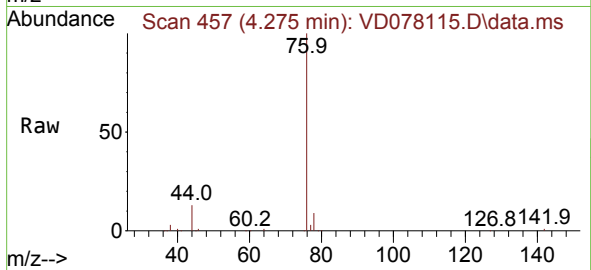




#17
Carbon Disulfide
Concen: 49.674 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

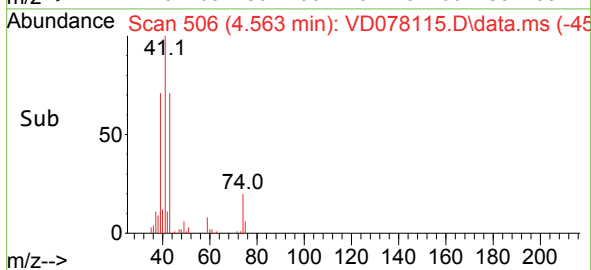
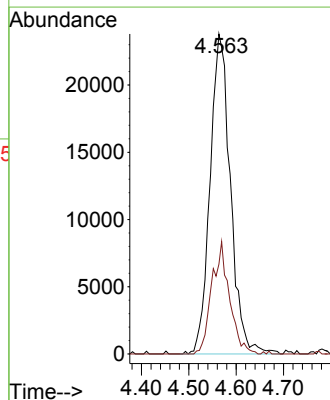
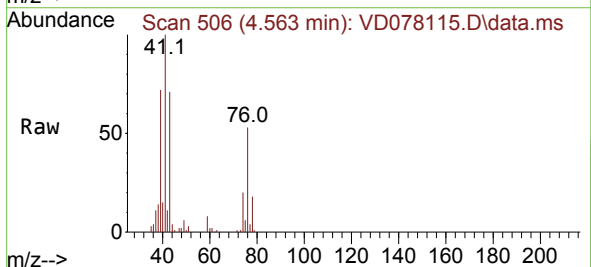
Instrument :
MSVOA_D
ClientSampleId :

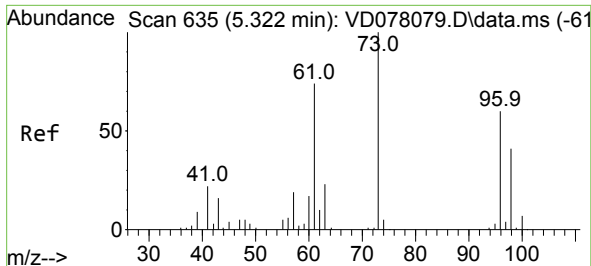
Tgt Ion: 76 Resp: 207655
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 54.469 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 43 Resp: 71112
Ion Ratio Lower Upper
43 100
74 30.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.611 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

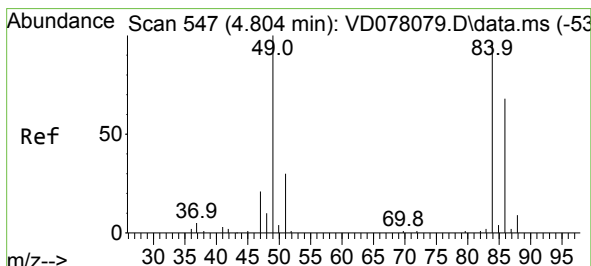
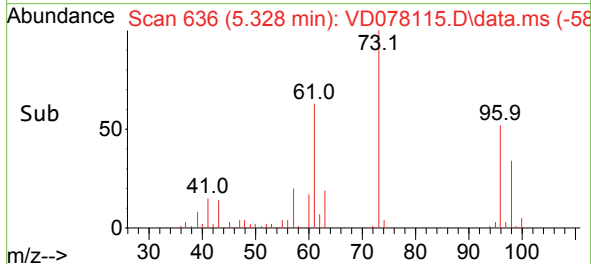
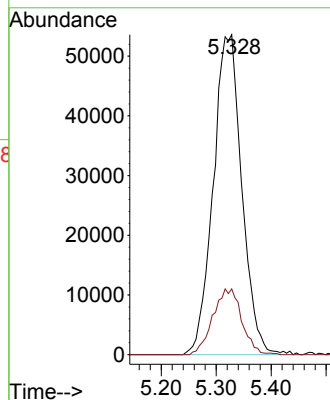
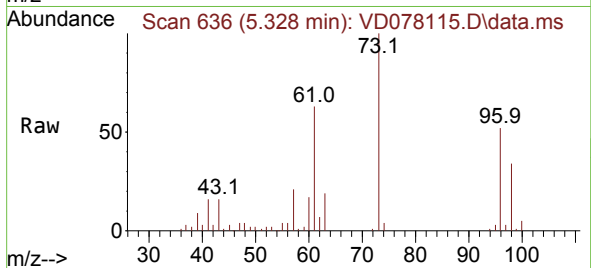
ClientSampleId :

Tgt Ion: 73 Resp: 193259

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 52.539 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Tgt Ion: 84 Resp: 102245

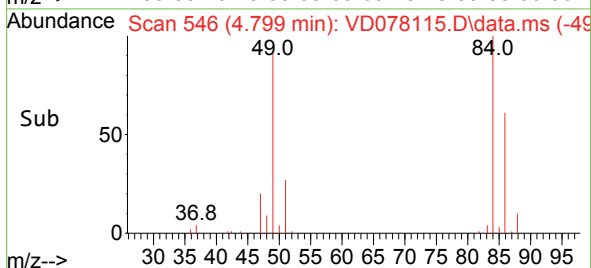
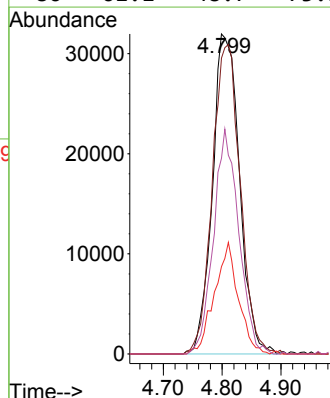
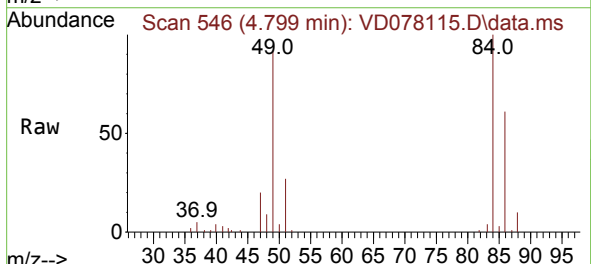
Ion Ratio Lower Upper

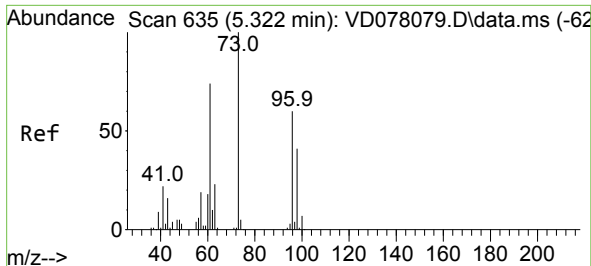
84 100

49 92.5 71.4 107.2

51 27.3 24.5 36.7

86 61.1 48.7 73.1

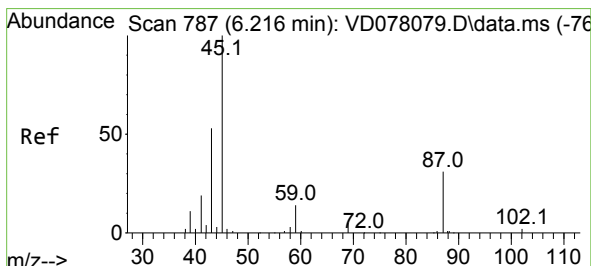
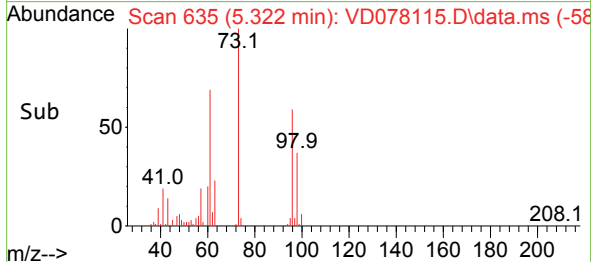
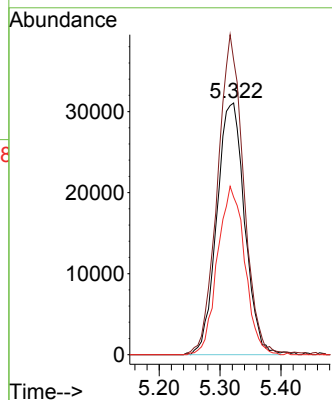
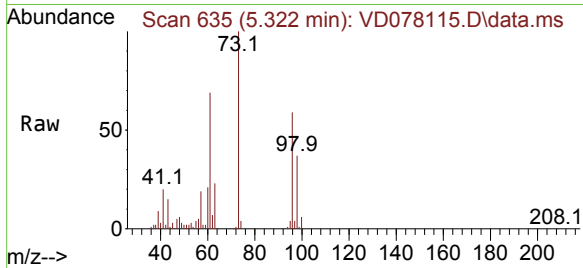




#21
trans-1,2-Dichloroethene
Concen: 50.669 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

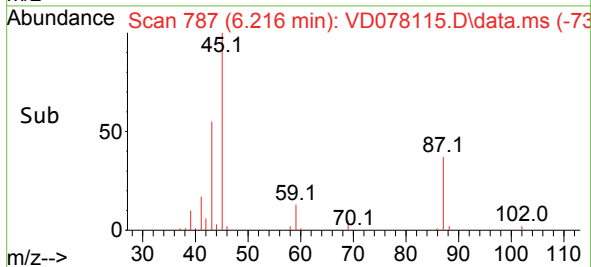
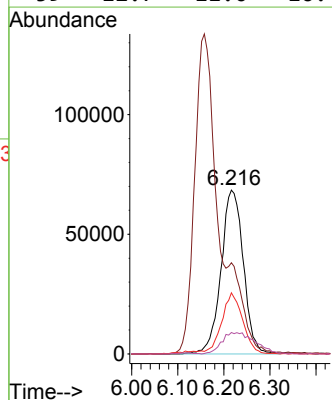
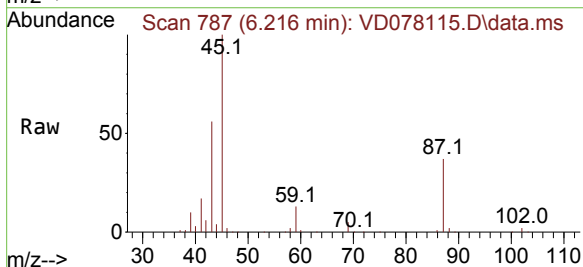
Instrument :
MSVOA_D
ClientSampleId :

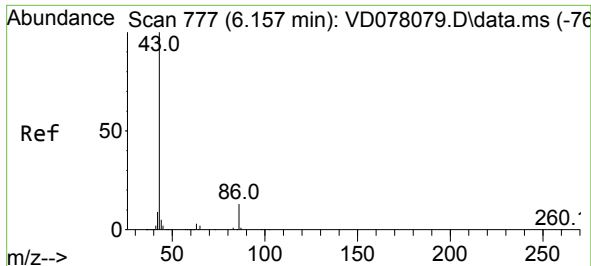
Tgt Ion: 96 Resp: 98541
Ion Ratio Lower Upper
96 100
61 117.1 89.3 133.9
98 62.6 48.6 73.0



#22
Diisopropyl ether
Concen: 50.364 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 45 Resp: 230050
Ion Ratio Lower Upper
45 100
43 54.5 40.0 60.0
87 37.3 28.2 42.4
59 12.7 11.0 16.4

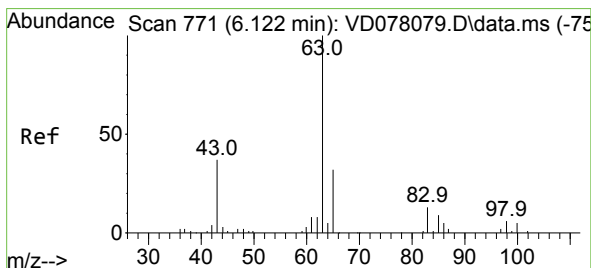
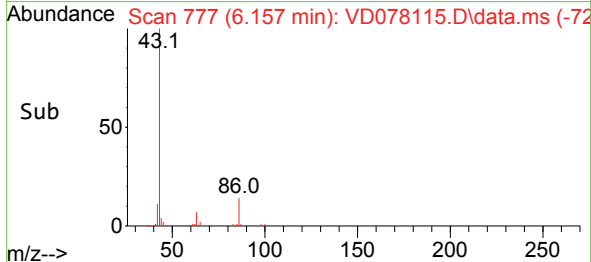
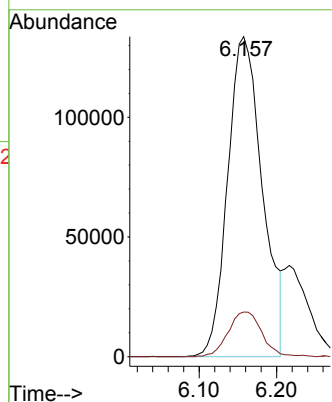
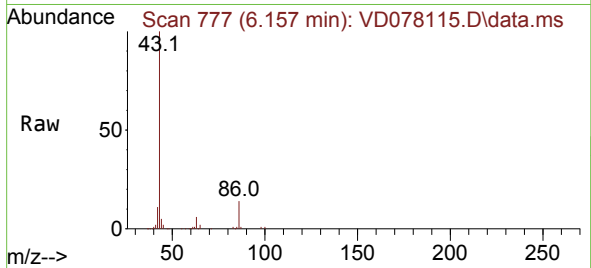




#23
 Vinyl Acetate
 Concen: 239.325 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

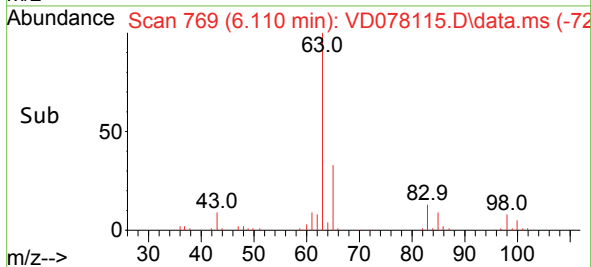
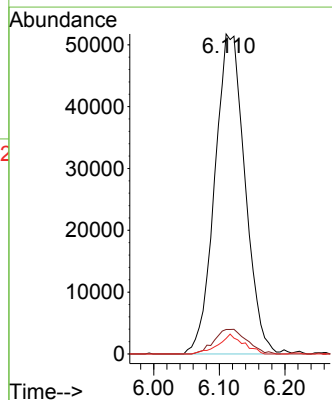
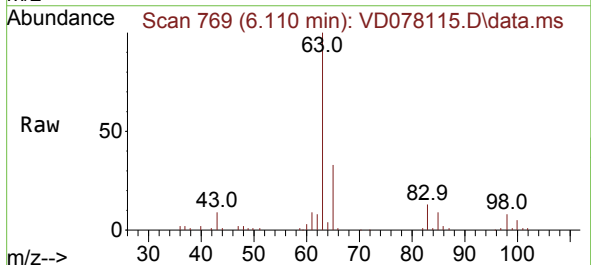
Instrument :
 MSVOA_D
 ClientSampleId :

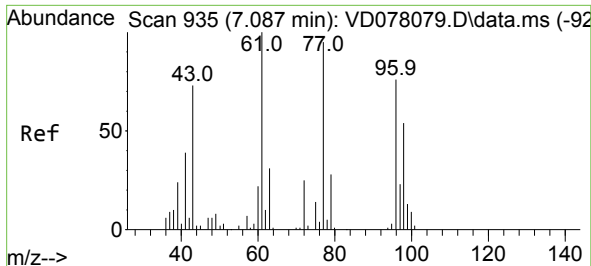
Tgt Ion: 43 Resp: 417930
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.920 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

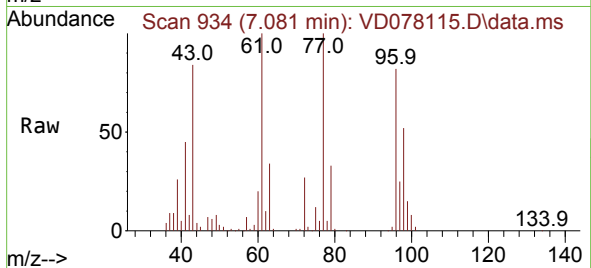
Tgt Ion: 63 Resp: 165364
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.8 2.5 7.5



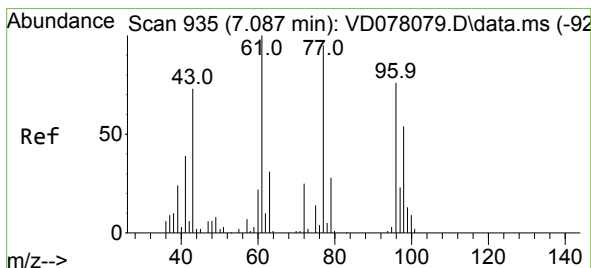
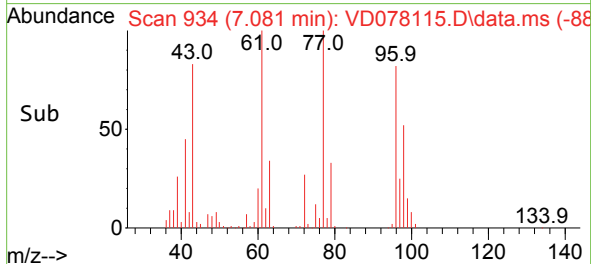
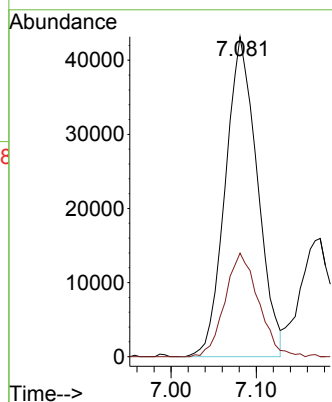


#25
2-Butanone
Concen: 267.725 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

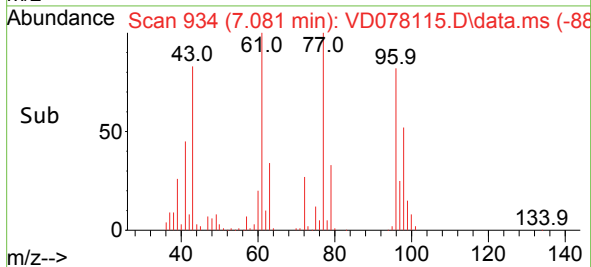
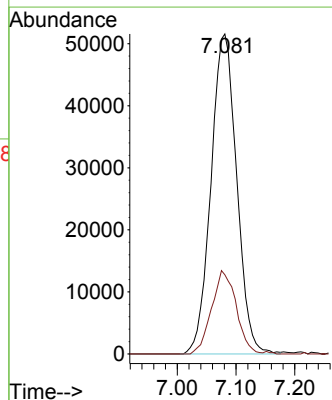
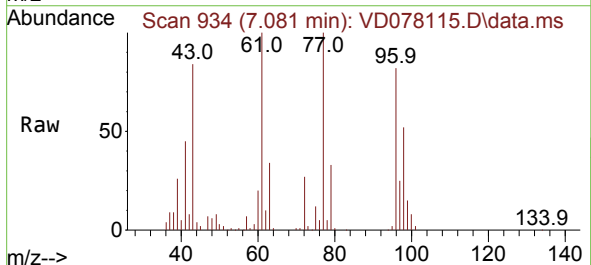


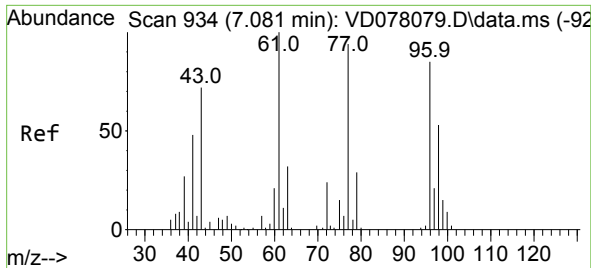
Tgt Ion: 43 Resp: 112551
Ion Ratio Lower Upper
43 100
72 32.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 51.586 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 77 Resp: 156664
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6

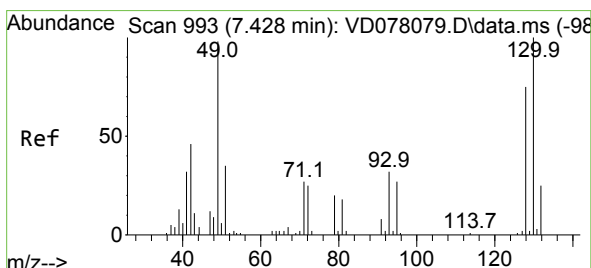
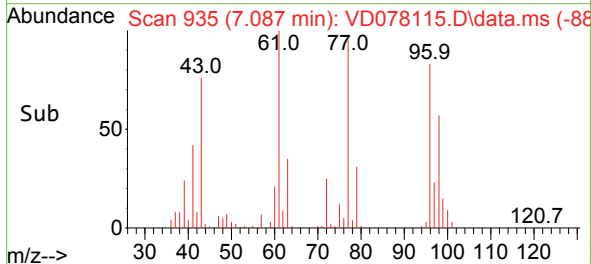
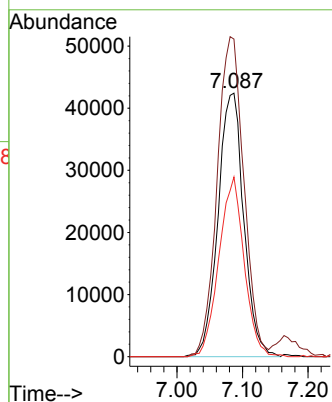
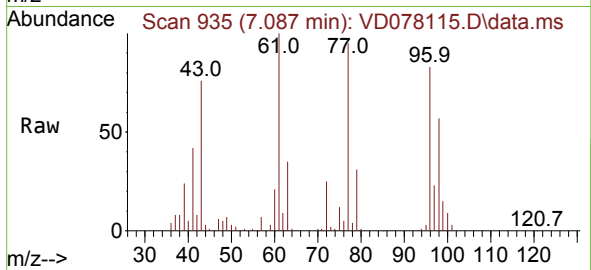




#27
cis-1,2-Dichloroethene
Concen: 50.017 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

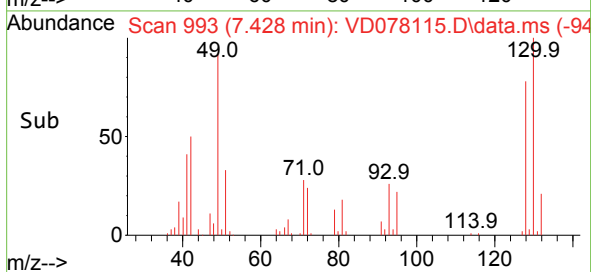
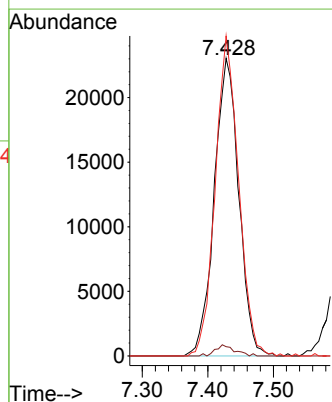
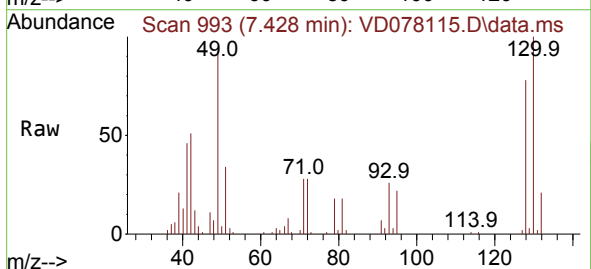
Instrument :
MSVOA_D
ClientSampleId :

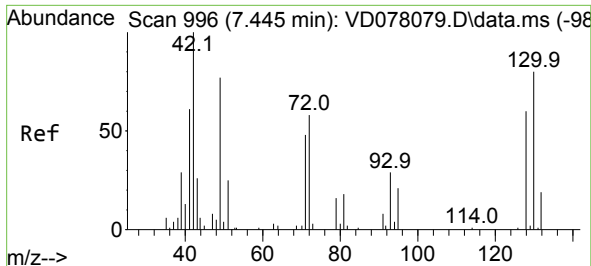
Tgt Ion: 96 Resp: 115402
Ion Ratio Lower Upper
96 100
61 126.2 0.0 239.2
98 66.9 0.0 128.6



#28
Bromochloromethane
Concen: 49.482 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 49 Resp: 59842
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.0
130 102.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 239.102 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

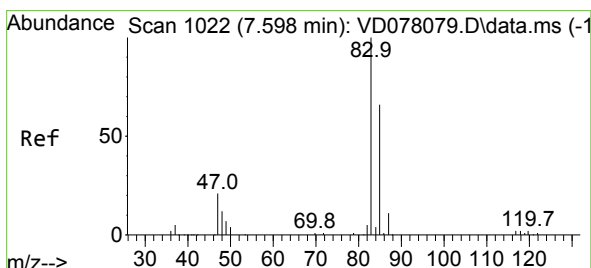
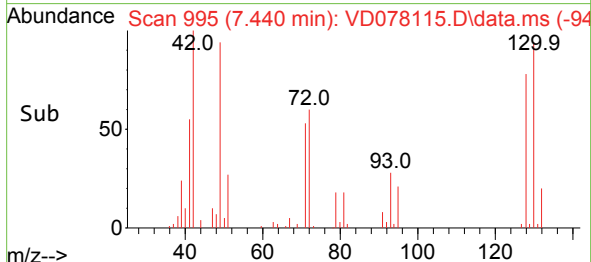
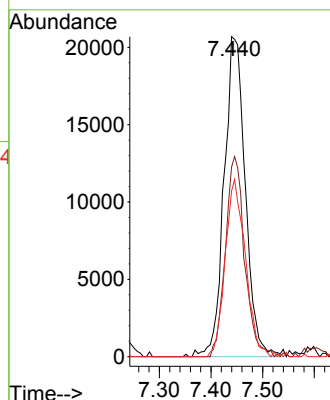
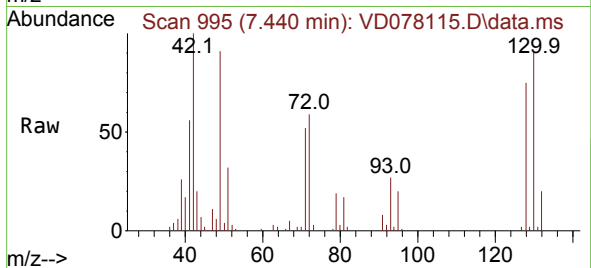
Tgt Ion: 42 Resp: 58961

Ion Ratio Lower Upper

42 100

72 56.7 46.5 69.7

71 52.7 44.5 66.7



#30

Chloroform

Concen: 50.208 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078115.D

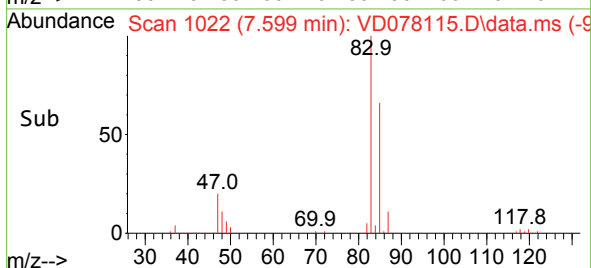
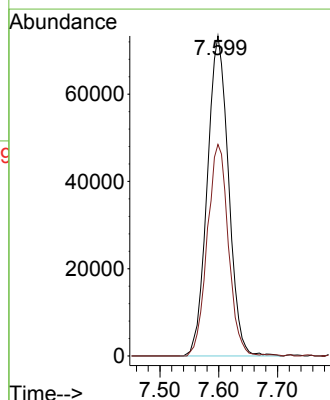
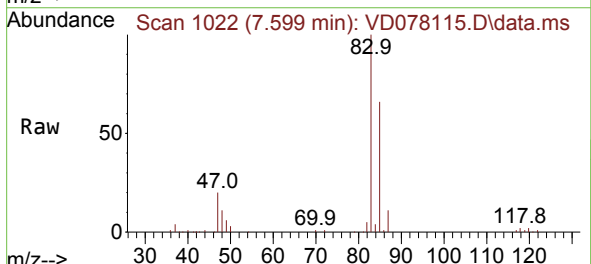
Acq: 02 Jan 2024 09:23

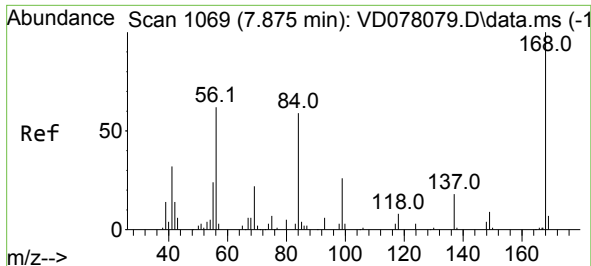
Tgt Ion: 83 Resp: 183925

Ion Ratio Lower Upper

83 100

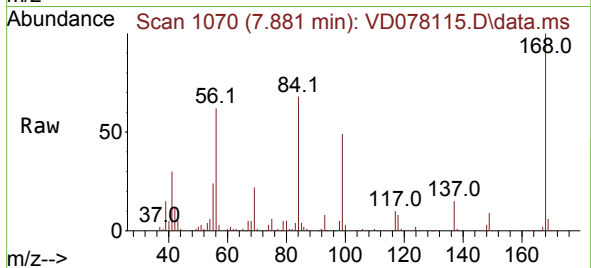
85 66.1 53.4 80.2



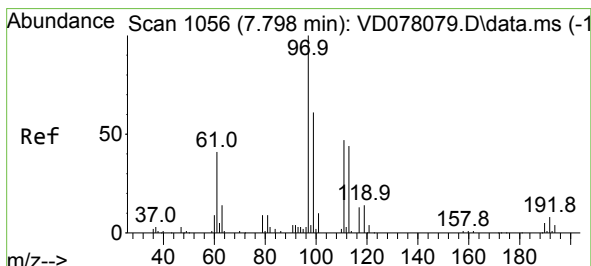
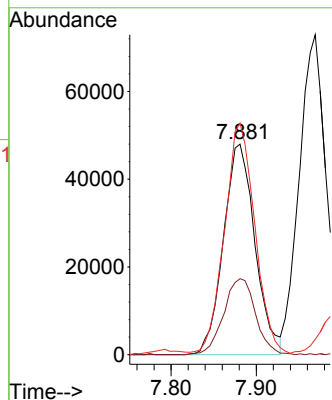
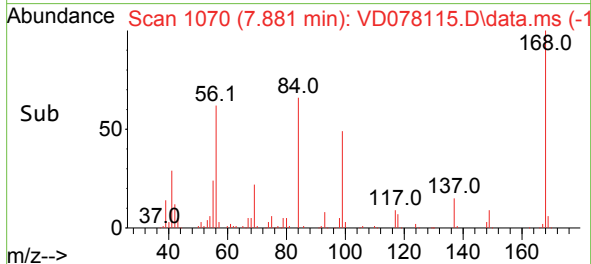


#31
Cyclohexane
Concen: 48.739 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

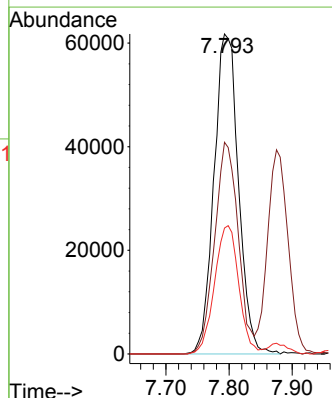
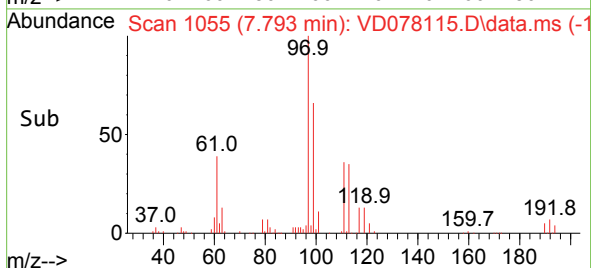
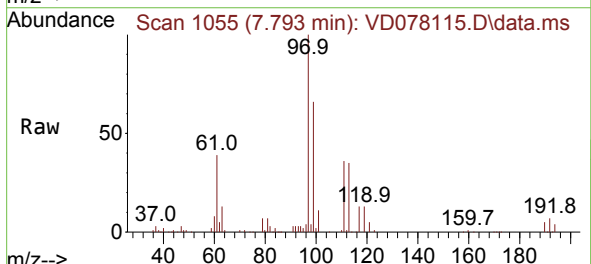


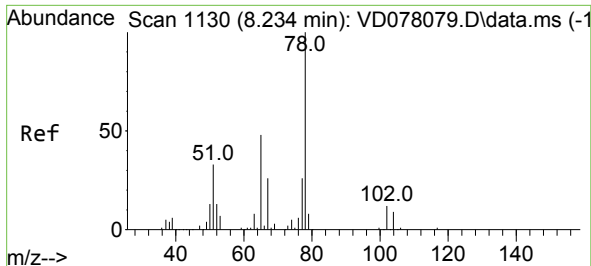
Tgt Ion: 56 Resp: 123855
Ion Ratio Lower Upper
56 100
69 36.1 28.6 43.0
84 108.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.838 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 97 Resp: 166351
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 39.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.880 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

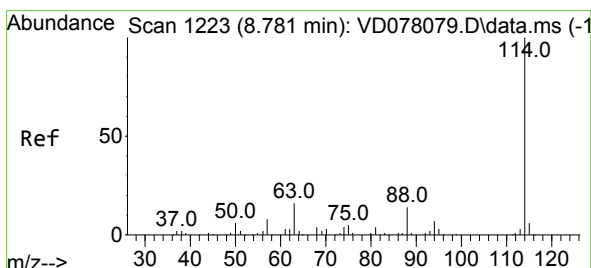
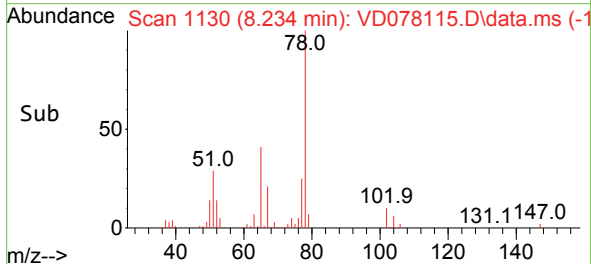
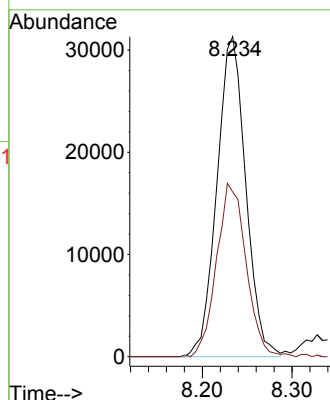
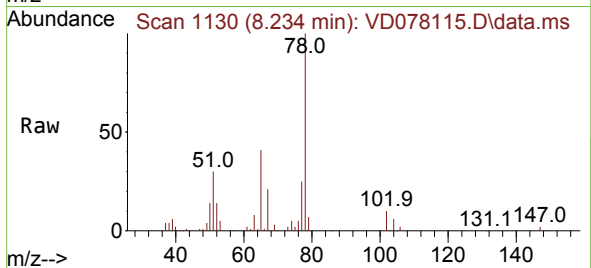
ClientSampleId :

Tgt Ion: 65 Resp: 69898

Ion Ratio Lower Upper

65 100

67 55.6 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: VD078115.D

Acq: 02 Jan 2024 09:23

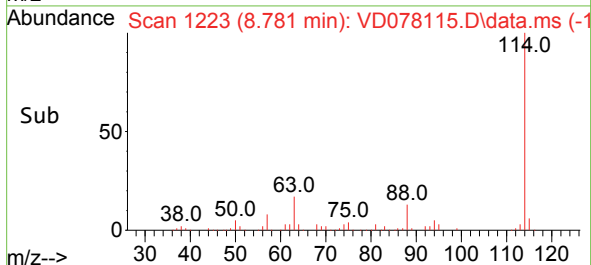
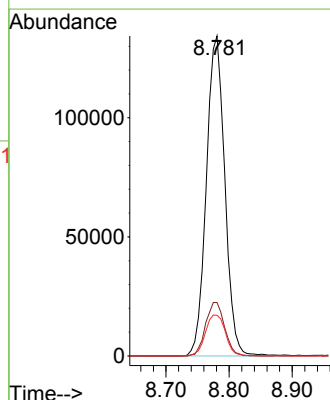
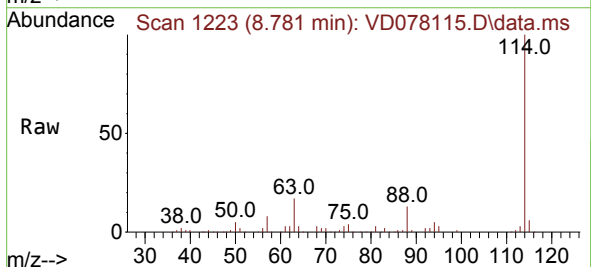
Tgt Ion: 114 Resp: 273710

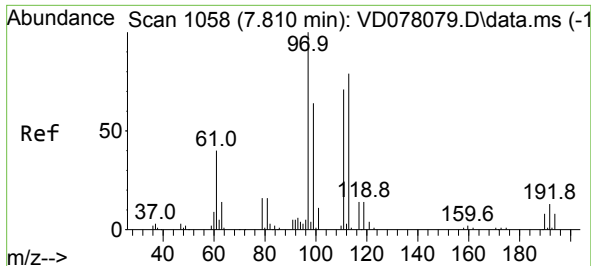
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.563 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

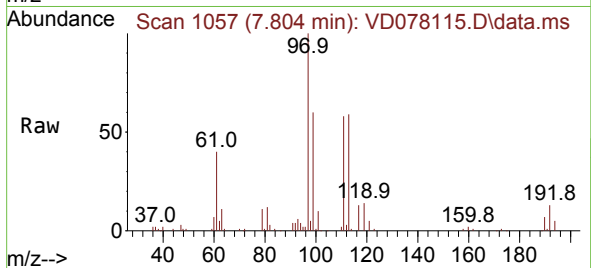
Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



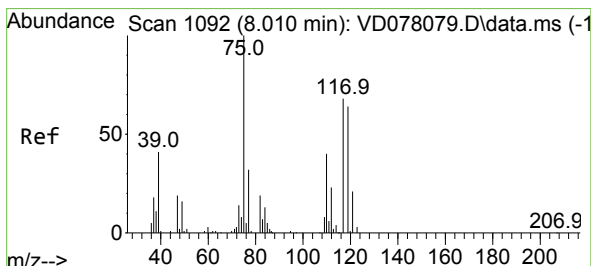
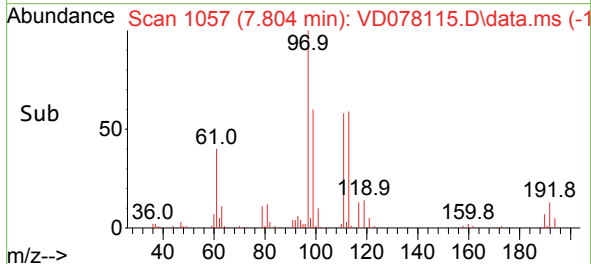
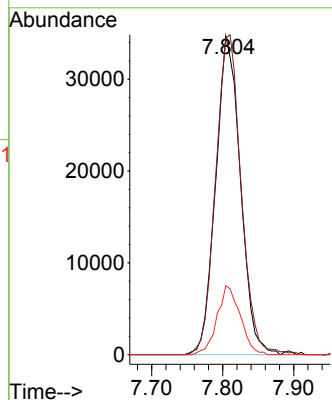
Tgt Ion:113 Resp: 83765

Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 20.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 54.309 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

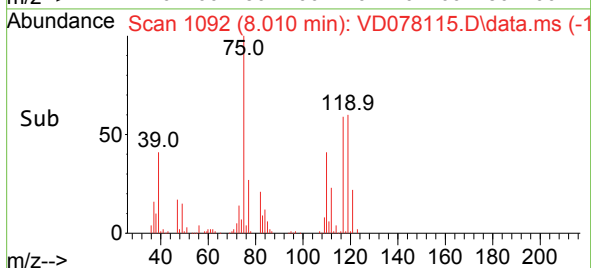
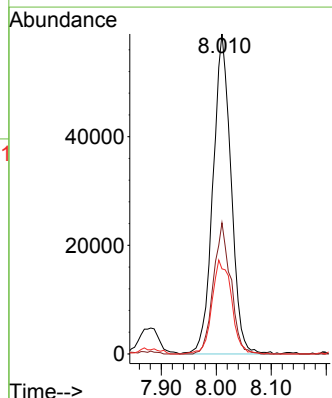
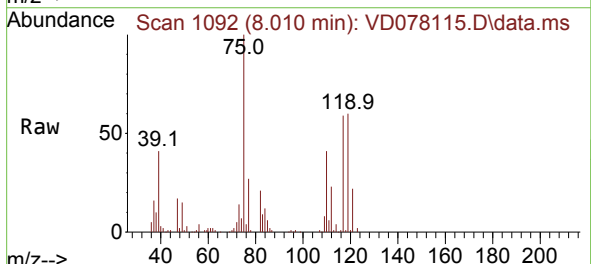
Tgt Ion: 75 Resp: 134575

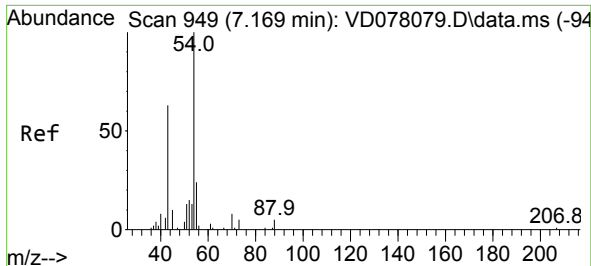
Ion Ratio Lower Upper

75 100

110 39.1 19.9 59.6

77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 50.135 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

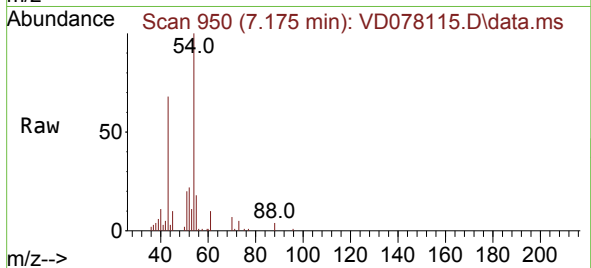
Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



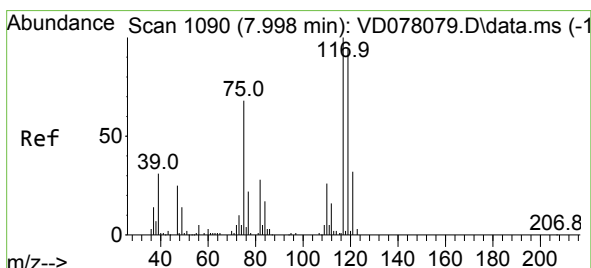
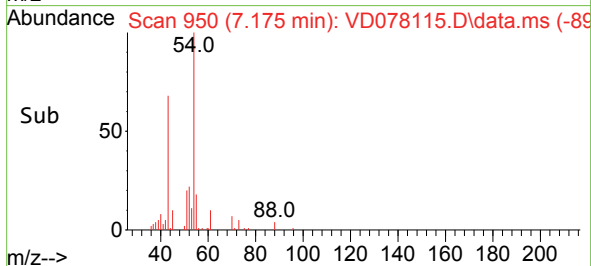
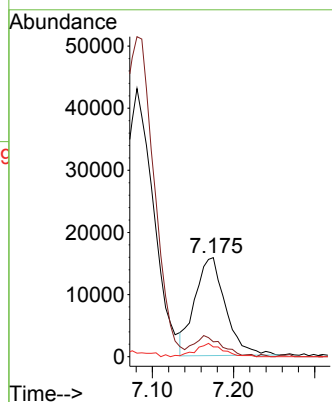
Tgt Ion: 43 Resp: 41319

Ion Ratio Lower Upper

43 100

61 19.8 14.9 22.3

70 11.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 56.841 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

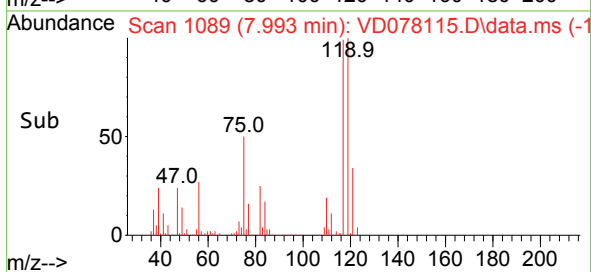
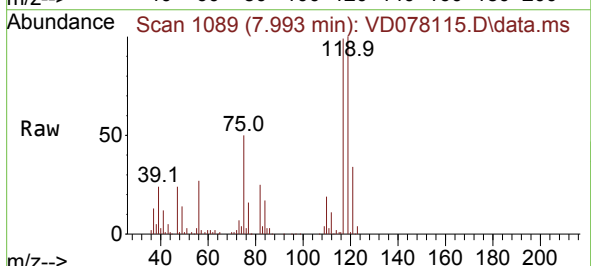
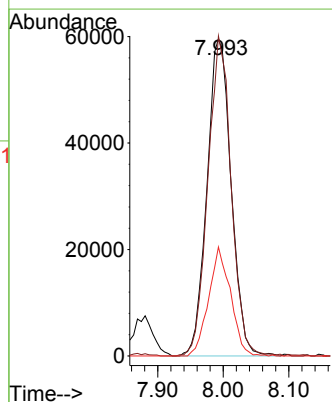
Tgt Ion: 117 Resp: 152625

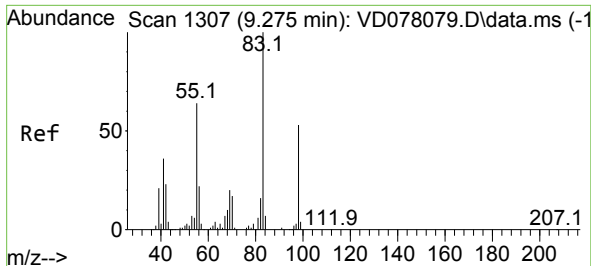
Ion Ratio Lower Upper

117 100

119 100.5 78.0 117.0

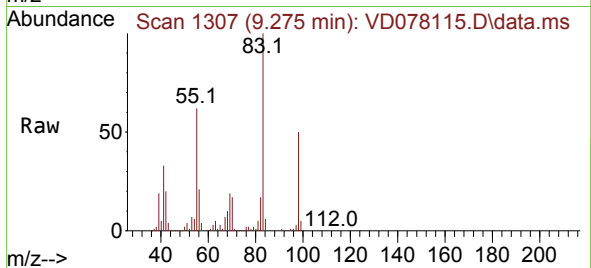
121 34.4 24.2 36.2



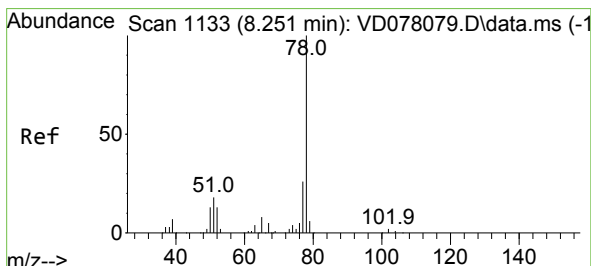
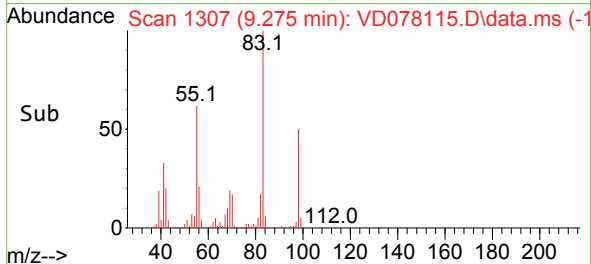
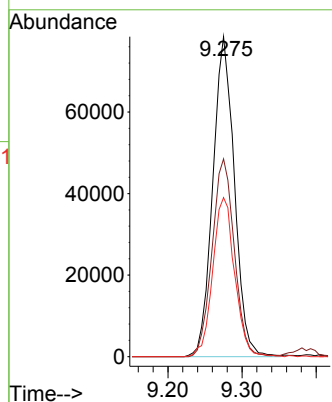


#39
Methylcyclohexane
Concen: 55.841 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

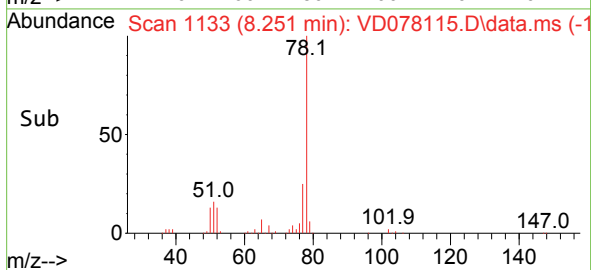
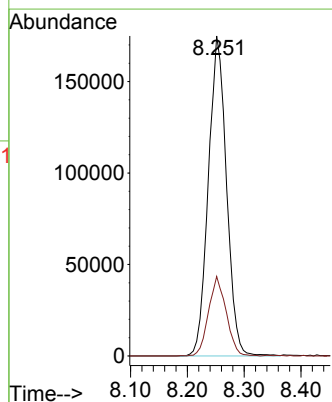
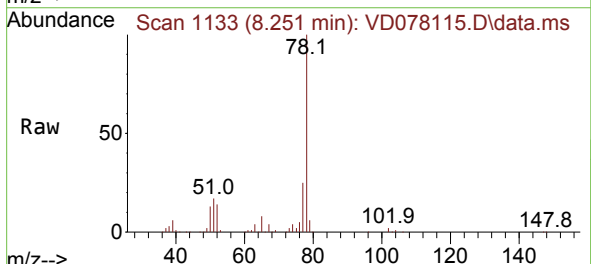


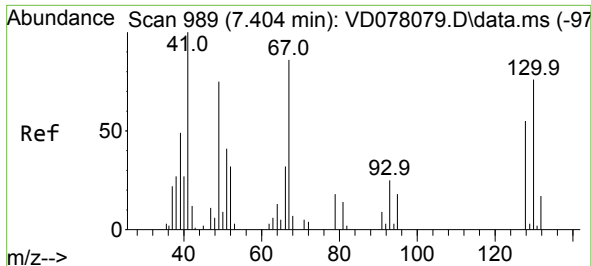
Tgt Ion: 83 Resp: 158642
Ion Ratio Lower Upper
83 100
55 61.8 49.4 74.0
98 49.7 38.4 57.6



#40
Benzene
Concen: 54.236 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

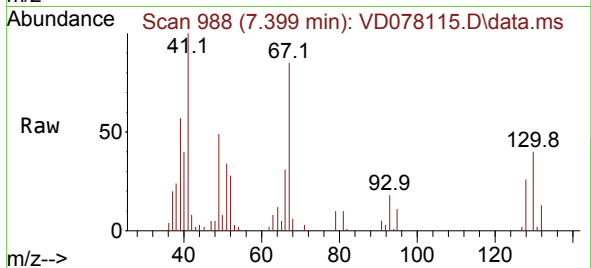
Tgt Ion: 78 Resp: 387356
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





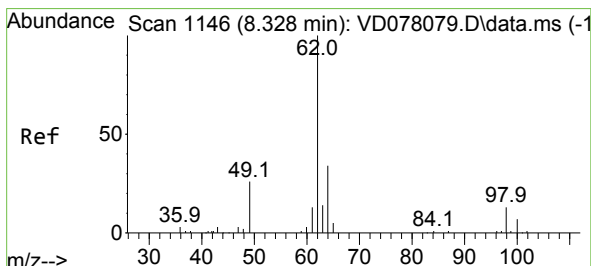
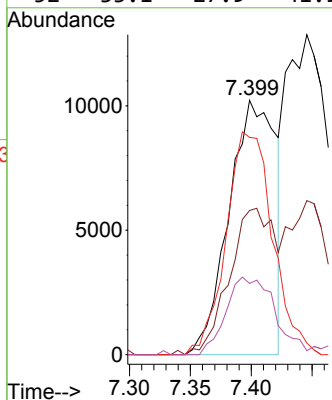
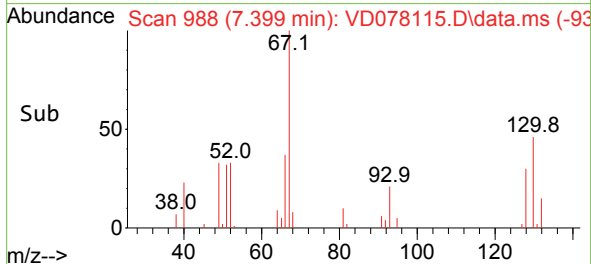
#41
Methacrylonitrile
Concen: 52.286 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 27262

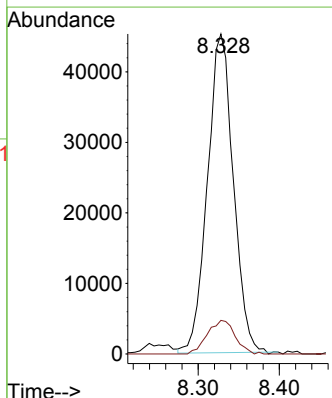
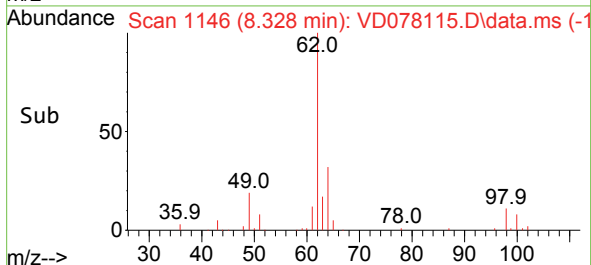
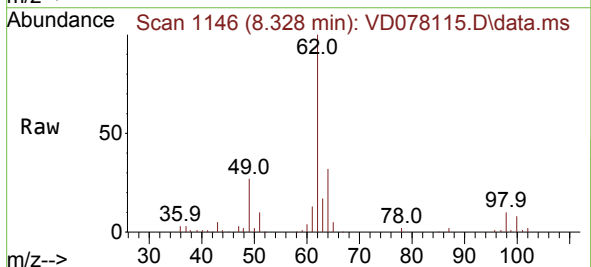
Ion	Ratio	Lower	Upper
41	100		
39	56.0	34.0	51.0#
67	87.3	77.0	115.4
52	33.1	27.9	41.9

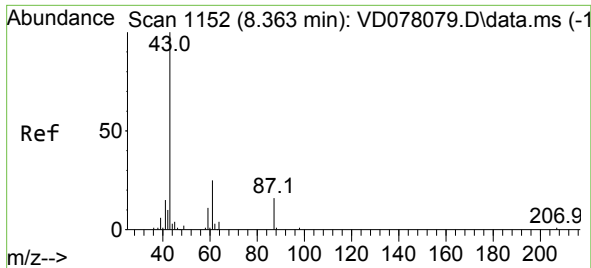


#42
1,2-Dichloroethane
Concen: 51.839 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 62 Resp: 100055

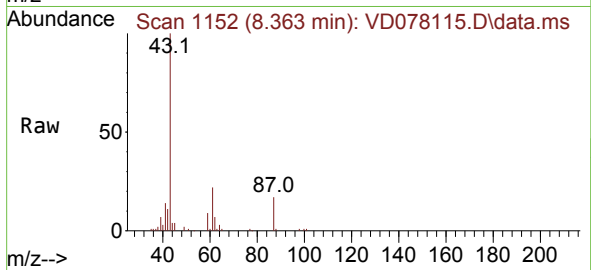
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4



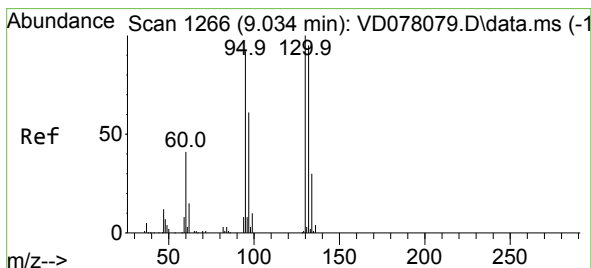
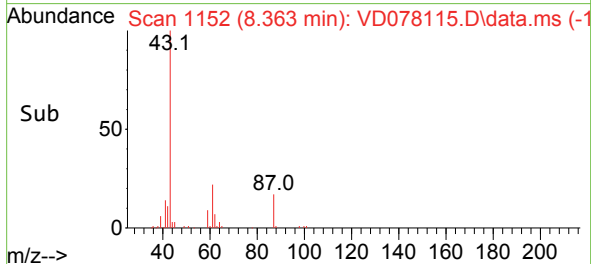
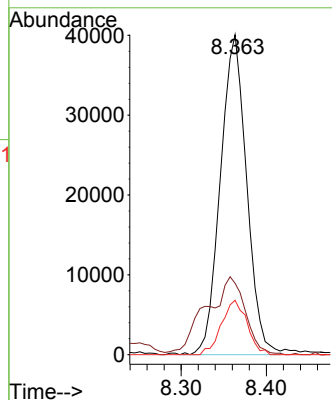


#43
Isopropyl Acetate
Concen: 51.917 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

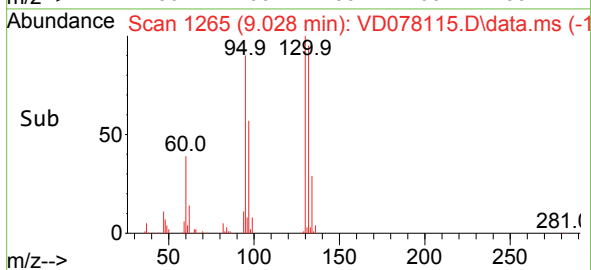
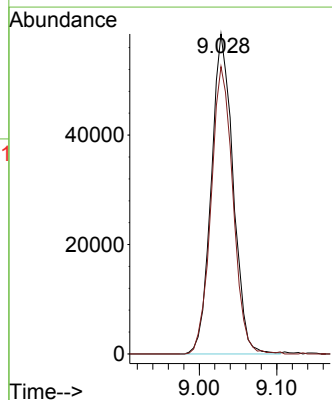
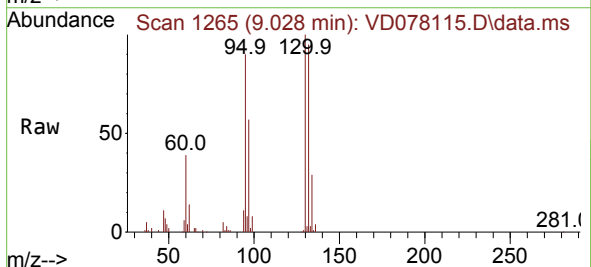


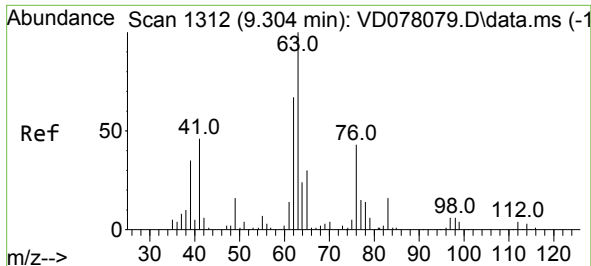
Tgt Ion: 43 Resp: 85662
Ion Ratio Lower Upper
43 100
61 36.4 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 55.737 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:130 Resp: 114526
Ion Ratio Lower Upper
130 100
95 89.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.727 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

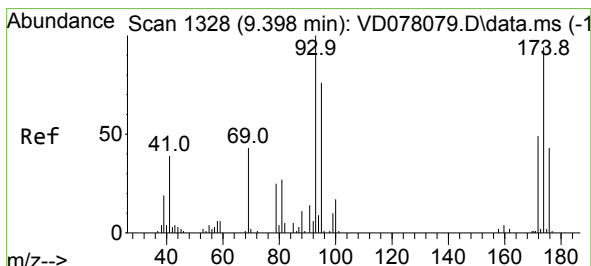
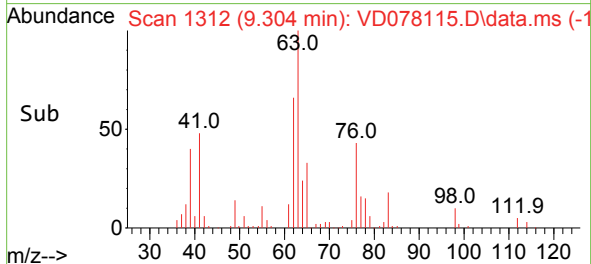
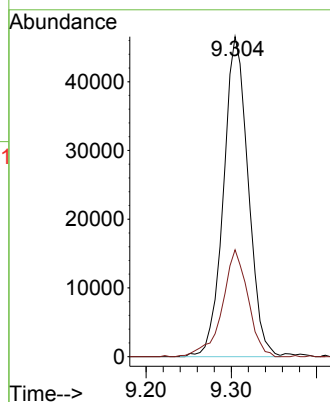
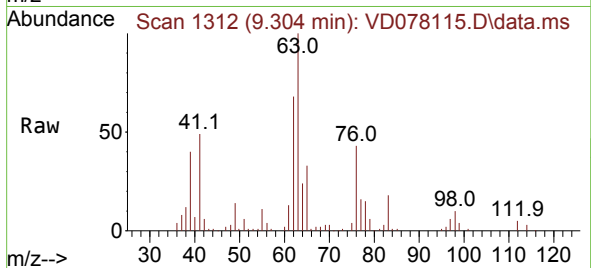
ClientSampleId :

Tgt Ion: 63 Resp: 93614

Ion Ratio Lower Upper

63 100

65 33.4 24.5 36.7



#46

Dibromomethane

Concen: 53.584 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

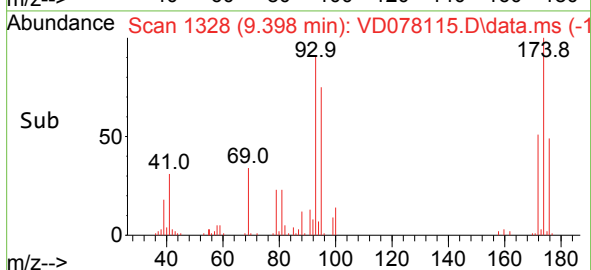
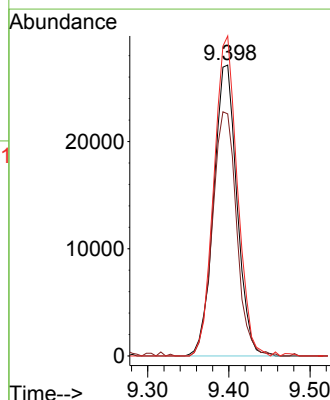
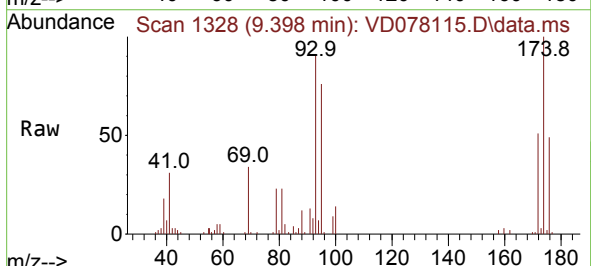
Tgt Ion: 93 Resp: 54314

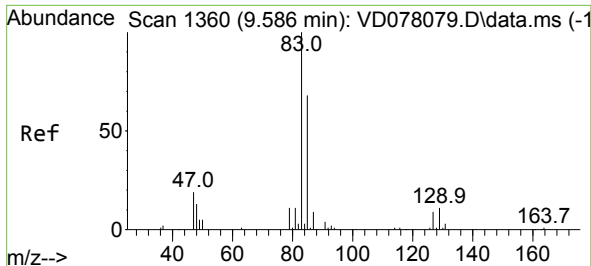
Ion Ratio Lower Upper

93 100

95 86.2 67.7 101.5

174 110.2 85.4 128.2

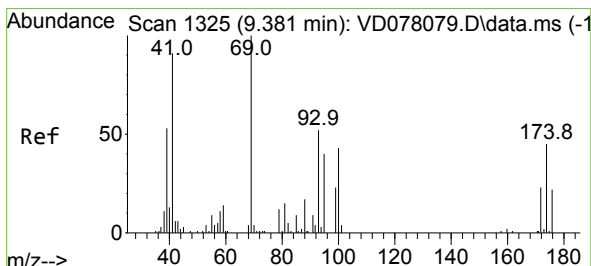
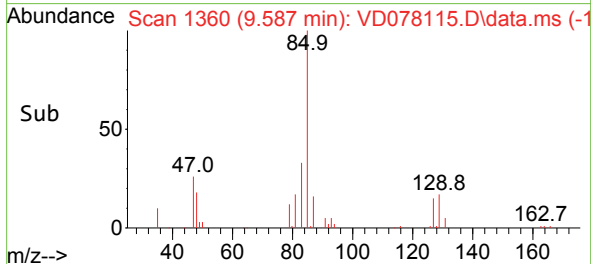
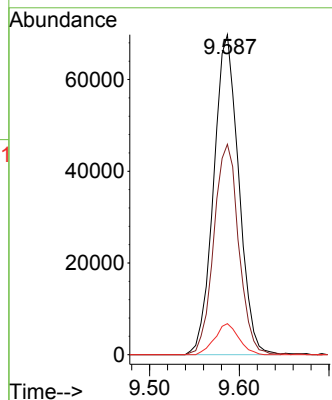
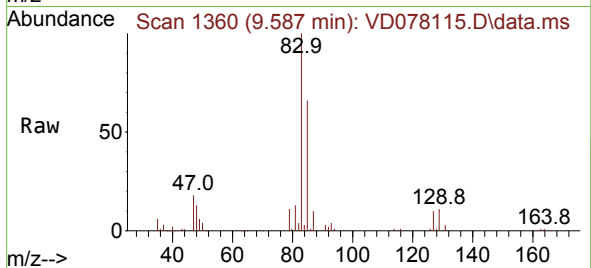




#47
Bromodichloromethane
Concen: 51.432 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

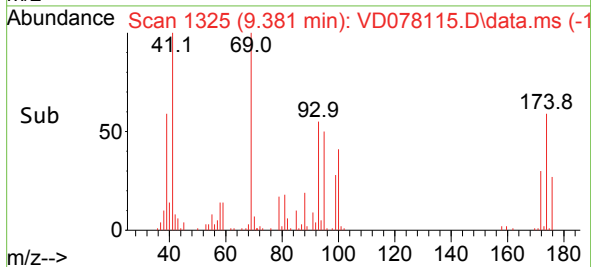
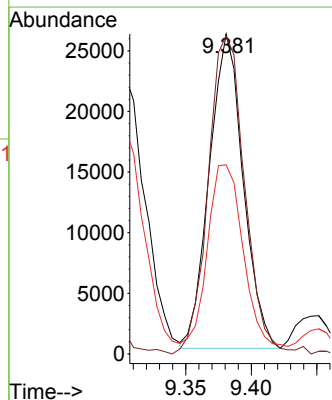
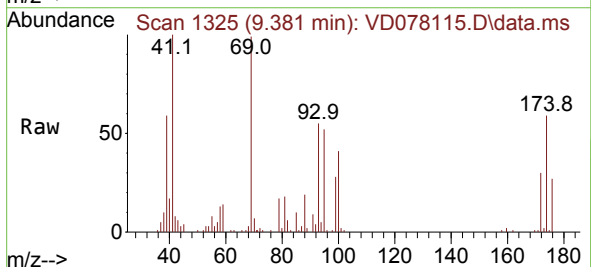
Instrument :
MSVOA_D
ClientSampleId :

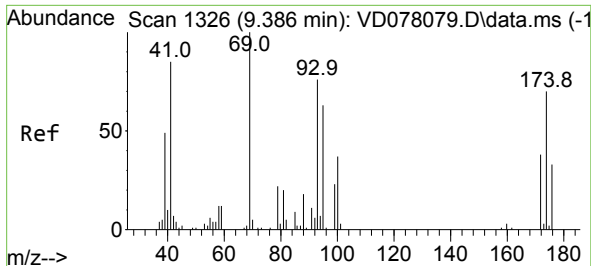
Tgt Ion: 83 Resp: 135418
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 50.183 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 41 Resp: 46665
Ion Ratio Lower Upper
41 100
69 109.2 102.2 153.2
39 63.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 1159.973 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

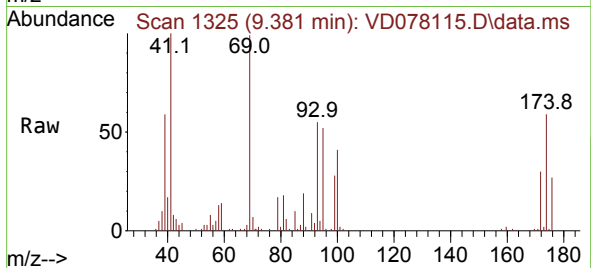
Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



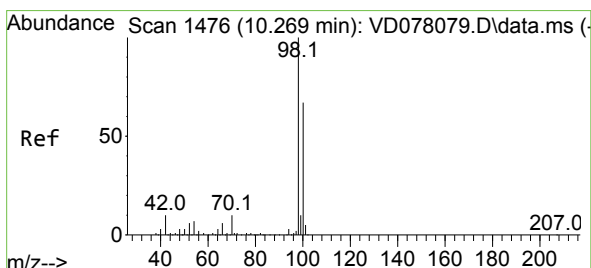
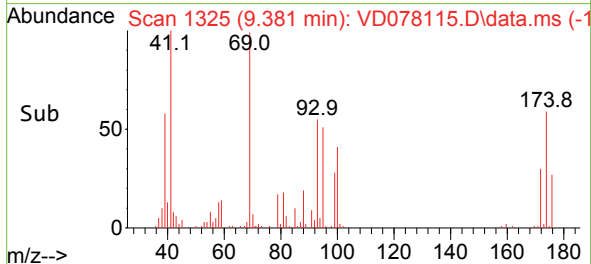
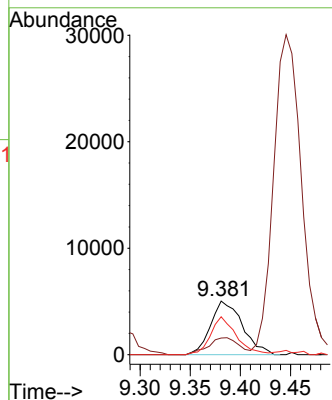
Tgt Ion: 88 Resp: 11115

Ion Ratio Lower Upper

88 100

43 30.6 19.0 28.6#

58 57.0 43.5 65.3



#50

Toluene-d8

Concen: 49.754 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078115.D

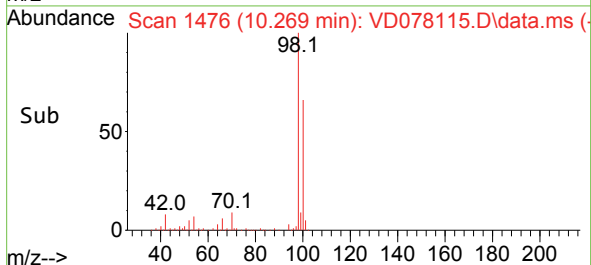
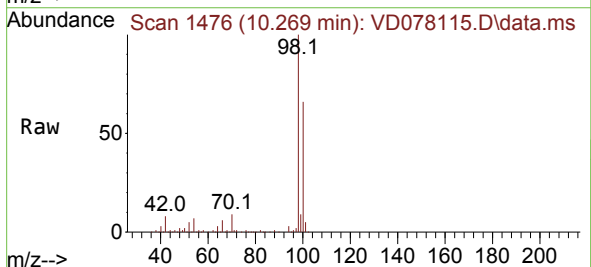
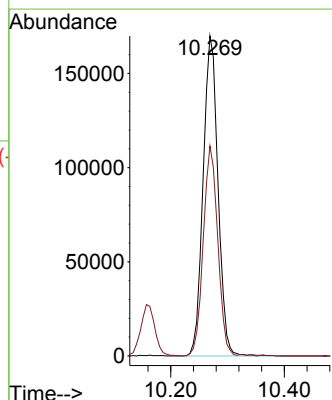
Acq: 02 Jan 2024 09:23

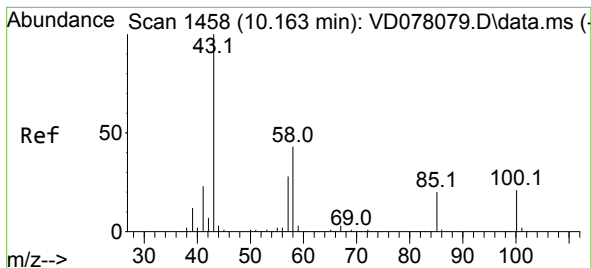
Tgt Ion: 98 Resp: 308321

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

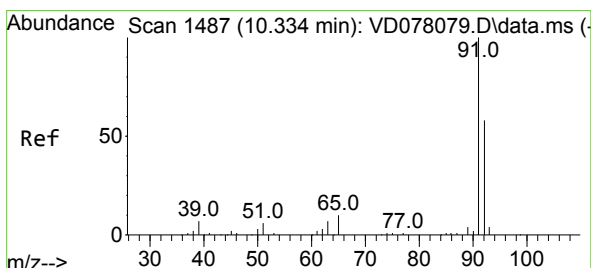
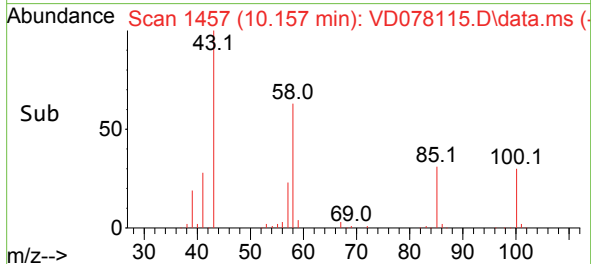
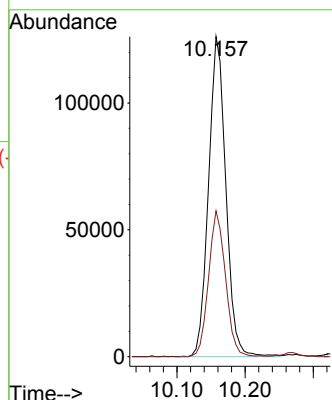
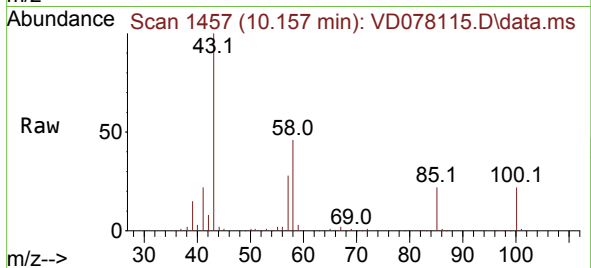




#51
4-Methyl-2-Pentanone
Concen: 263.440 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

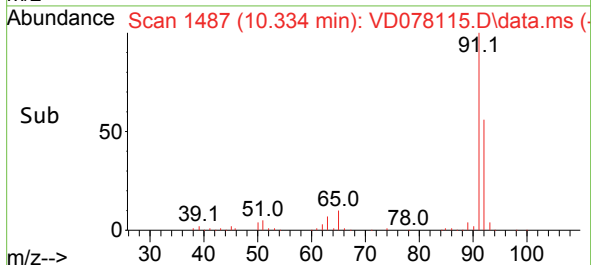
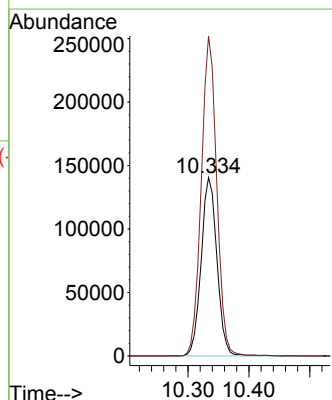
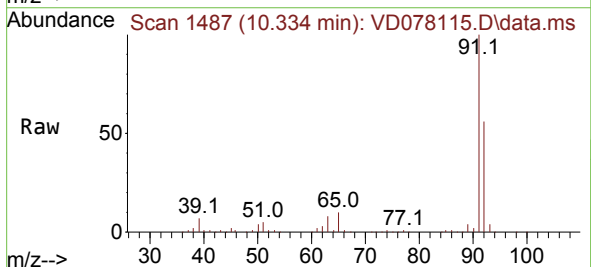
Instrument :
MSVOA_D
ClientSampleId :

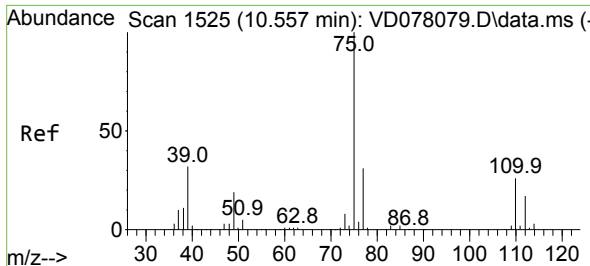
Tgt Ion: 43 Resp: 223039
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 54.674 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 92 Resp: 253267
Ion Ratio Lower Upper
92 100
91 175.8 143.0 214.4

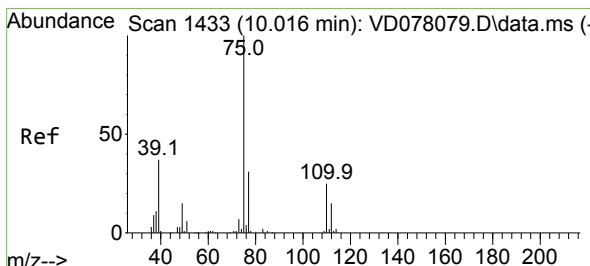
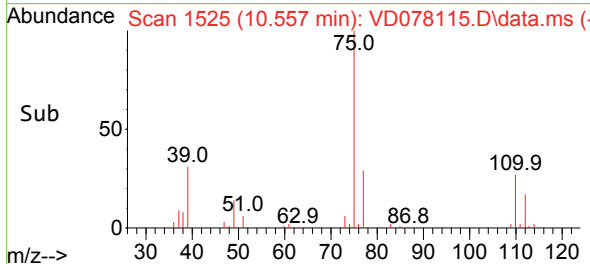
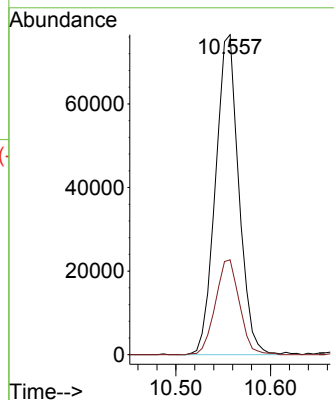
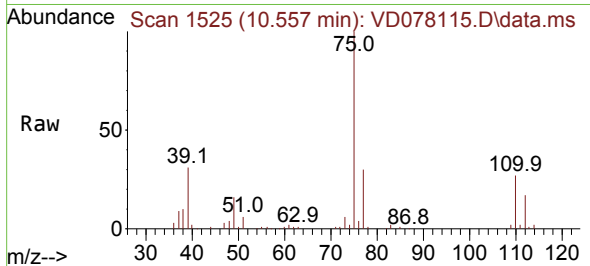




#53
 t-1,3-Dichloropropene
 Concen: 54.783 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

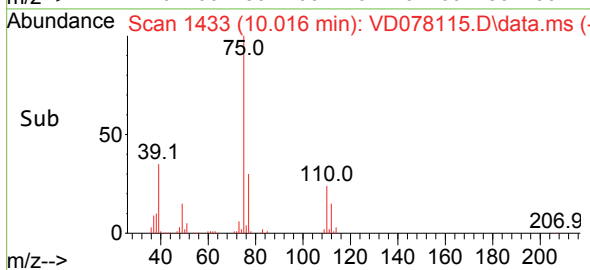
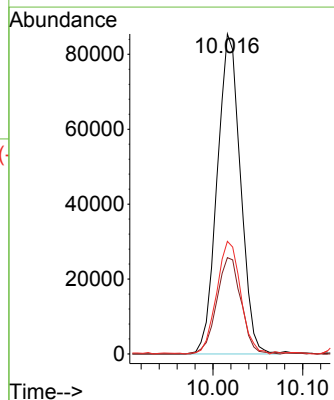
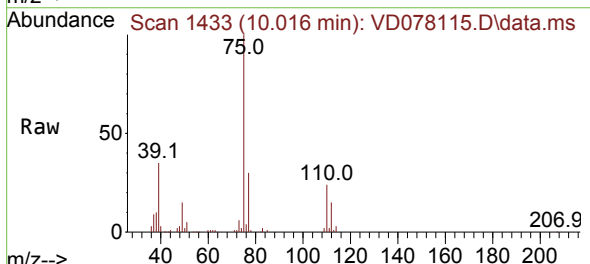
Instrument :
 MSVOA_D
 ClientSampleId :

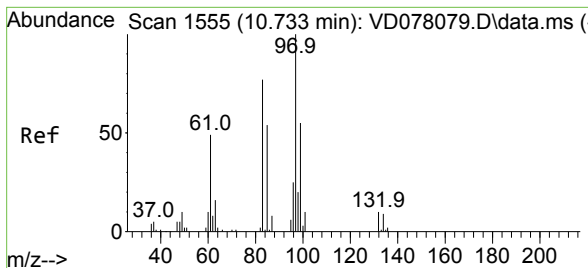
Tgt Ion: 75 Resp: 130868
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.724 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

Tgt Ion: 75 Resp: 154123
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.5 38.3
 39 34.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.982 ug/l

RT: 10.734 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 76999

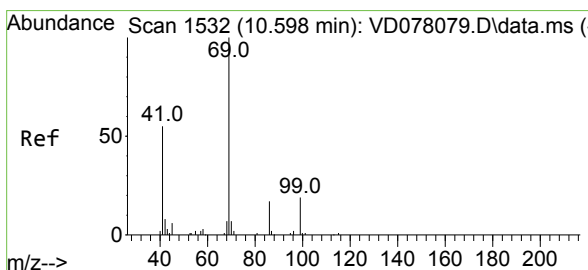
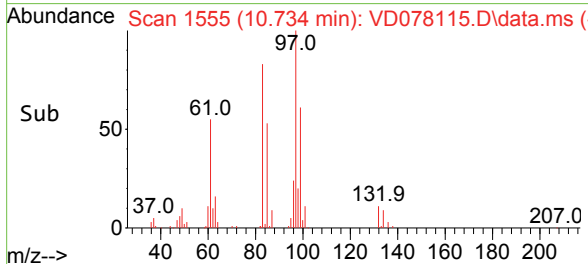
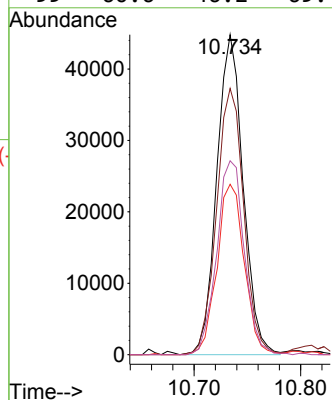
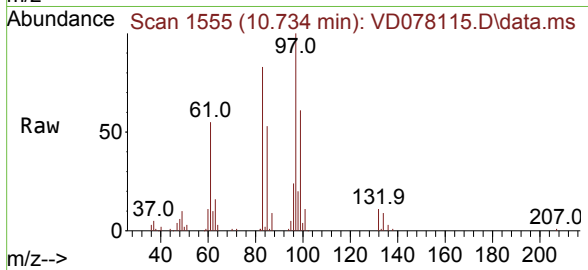
Ion Ratio Lower Upper

97 100

83 83.2 65.8 98.6

85 53.3 45.7 68.5

99 60.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.870 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

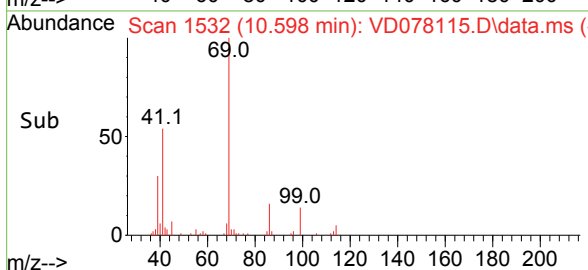
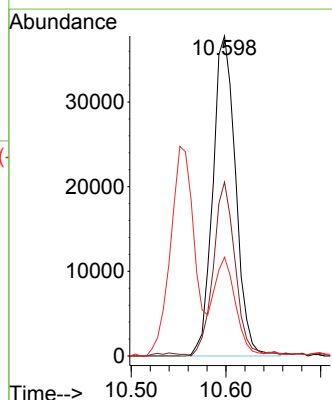
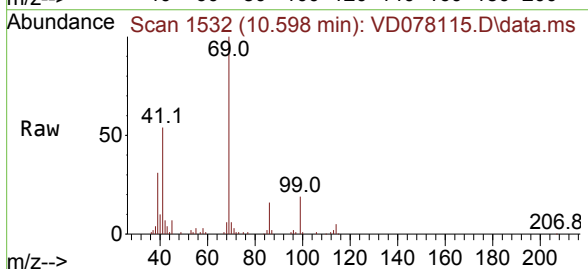
Tgt Ion: 69 Resp: 63243

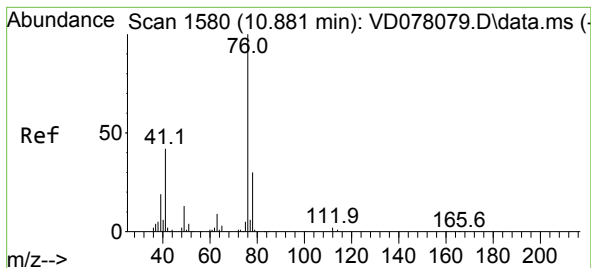
Ion Ratio Lower Upper

69 100

41 52.0 39.1 58.7

39 27.1 20.0 30.0





#57

1,3-Dichloropropane

Concen: 52.709 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

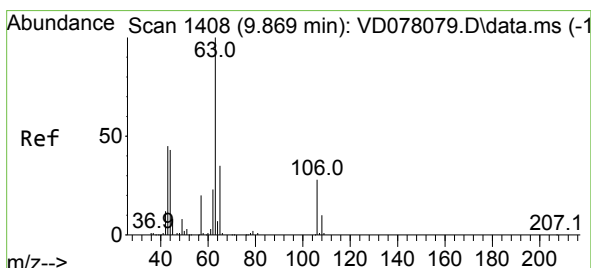
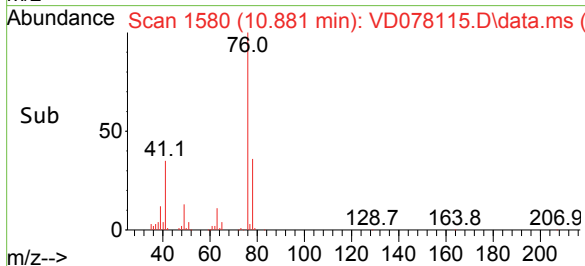
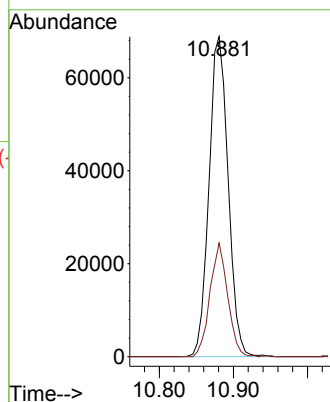
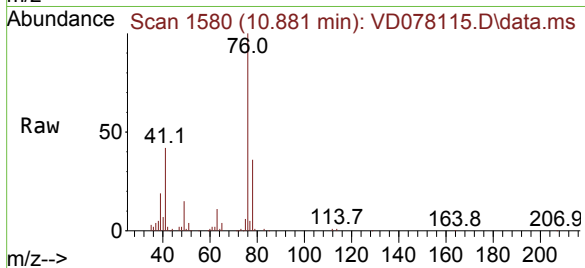
ClientSampleId :

Tgt Ion: 76 Resp: 123527

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 298.476 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078115.D

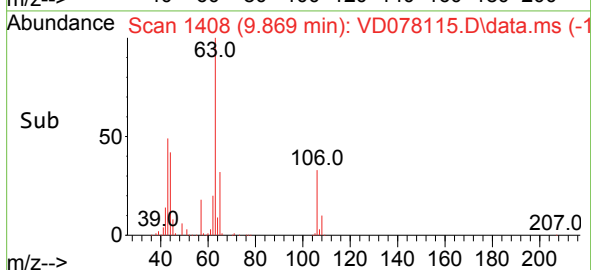
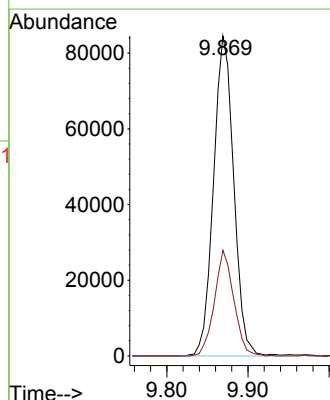
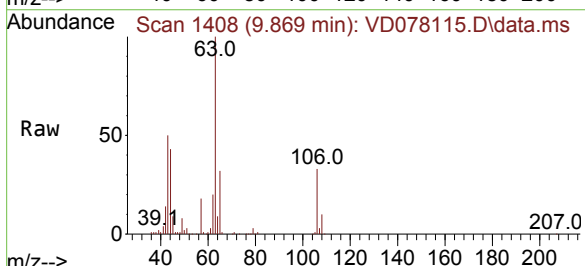
Acq: 02 Jan 2024 09:23

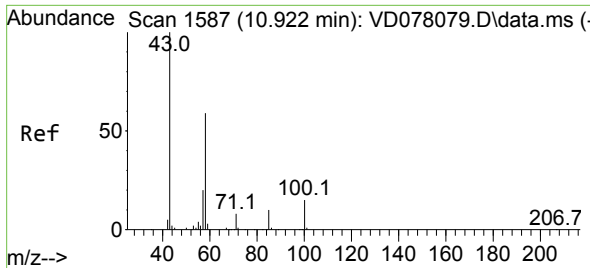
Tgt Ion: 63 Resp: 146279

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9

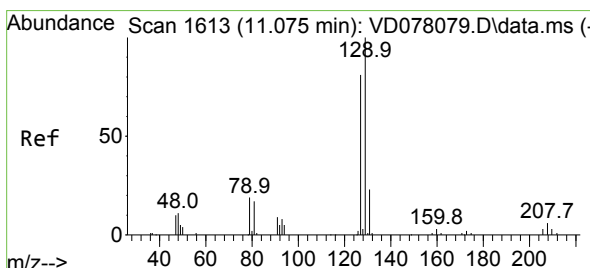
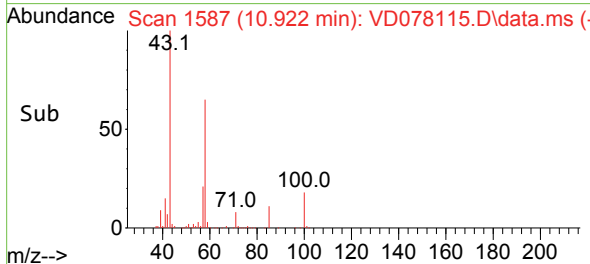
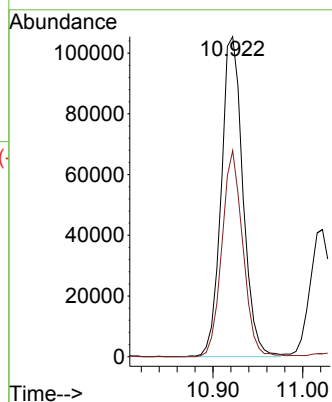
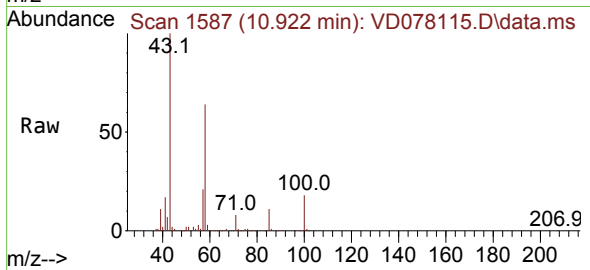




#59
2-Hexanone
Concen: 268.844 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

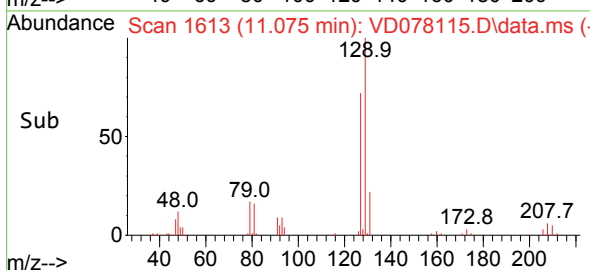
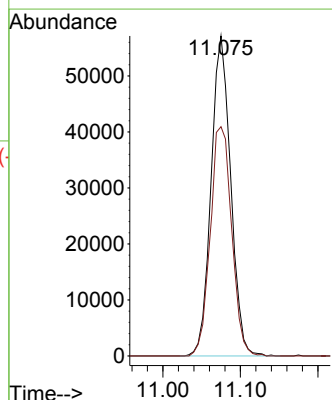
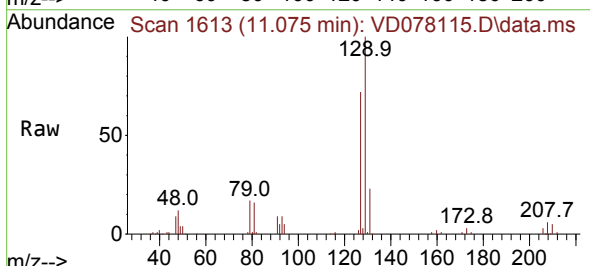
Instrument :
MSVOA_D
ClientSampleId :

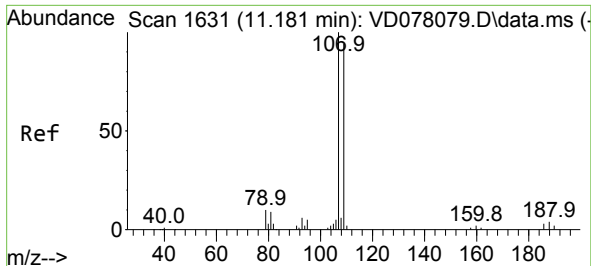
Tgt Ion: 43 Resp: 176803
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2



#60
Dibromochloromethane
Concen: 55.273 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:129 Resp: 100438
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5

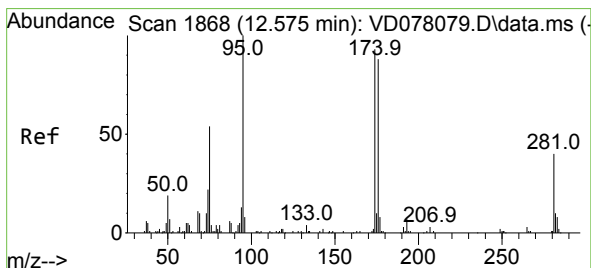
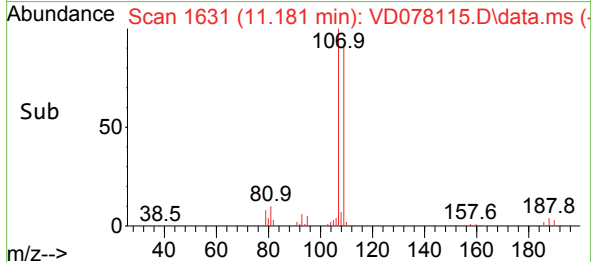
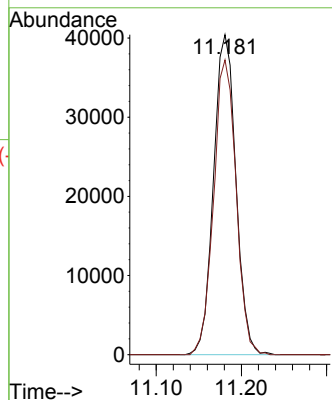
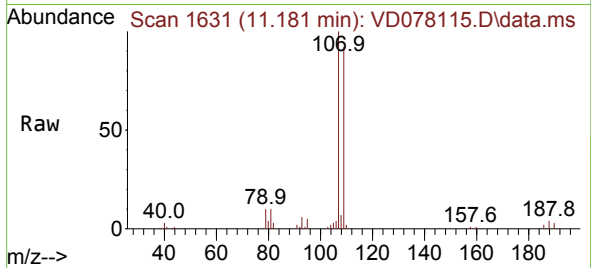




#61
1,2-Dibromoethane
Concen: 53.814 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

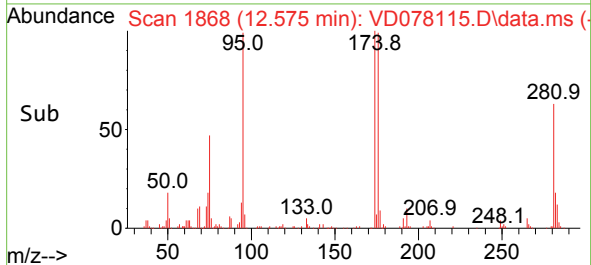
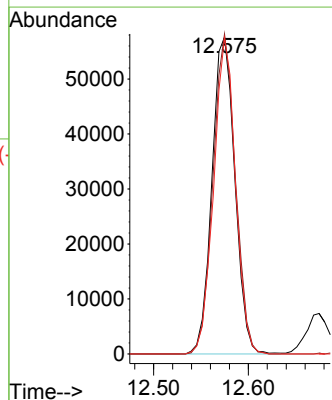
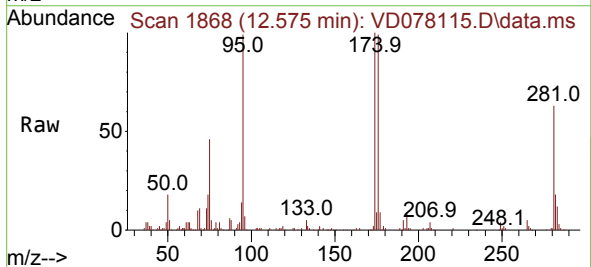
Instrument :
MSVOA_D
ClientSampleId :

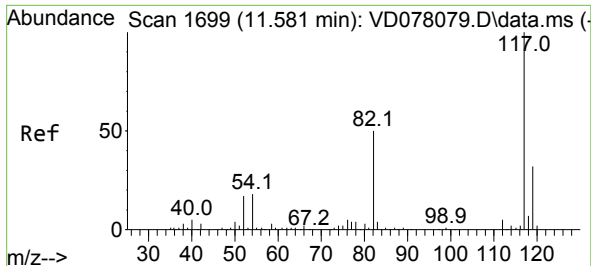
Tgt Ion:107 Resp: 73592
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.542 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 95 Resp: 96787
Ion Ratio Lower Upper
95 100
174 98.7 0.0 201.8
176 95.2 0.0 191.8

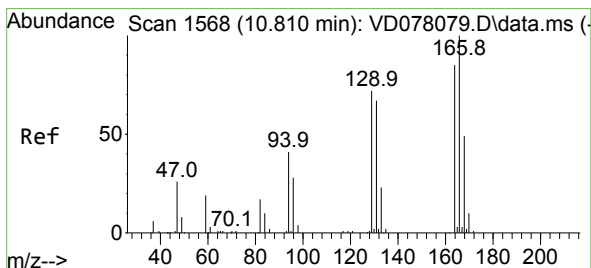
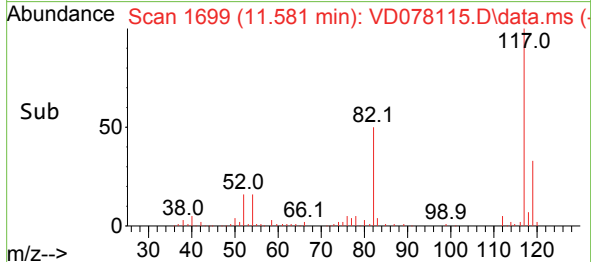
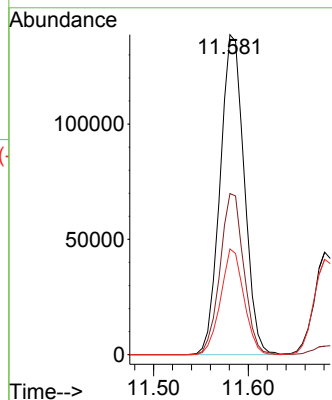
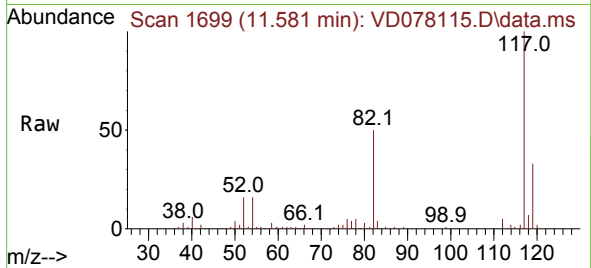




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

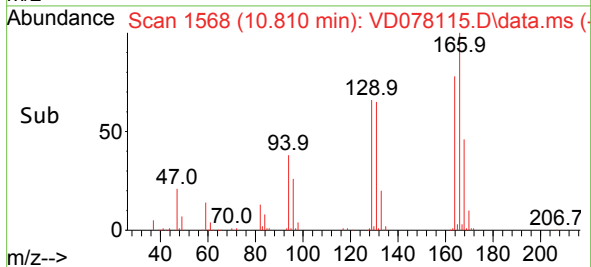
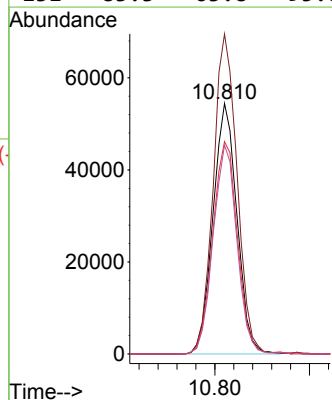
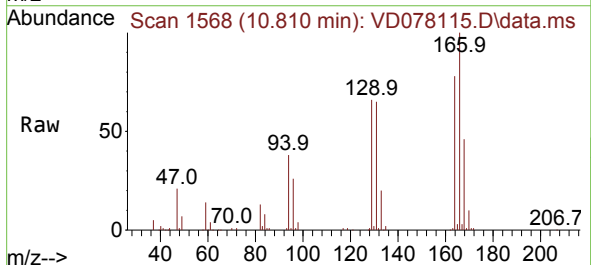
Instrument :
MSVOA_D
ClientSampleId :

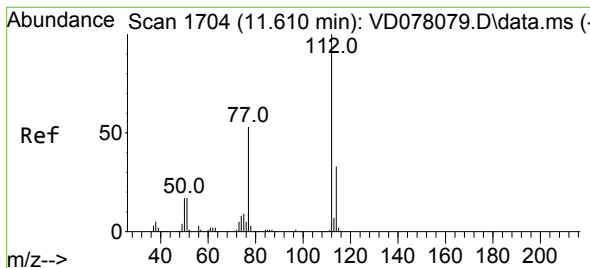
Tgt Ion:117 Resp: 245379
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 33.0 25.0 37.4



#64
Tetrachloroethene
Concen: 57.806 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:164 Resp: 95847
Ion Ratio Lower Upper
164 100
166 127.7 99.2 148.8
129 84.8 68.4 102.6
131 83.3 63.8 95.8





#65

Chlorobenzene

Concen: 54.203 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

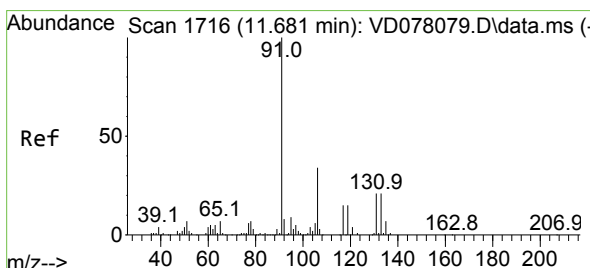
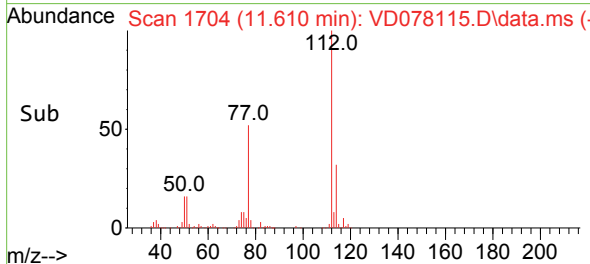
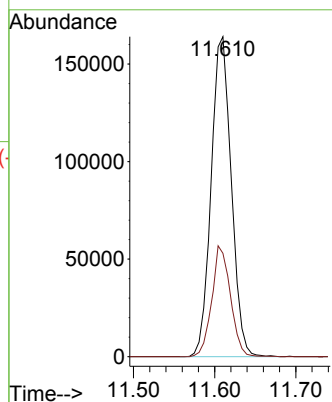
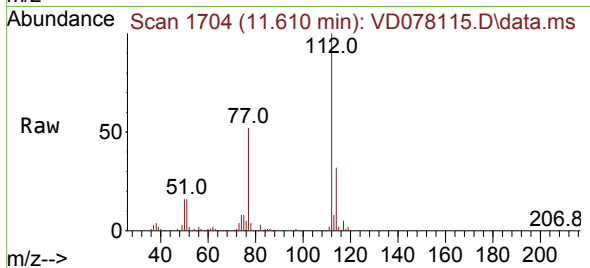
ClientSampleId :

Tgt Ion:112 Resp: 282562

Ion Ratio Lower Upper

112 100

114 32.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 56.573 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

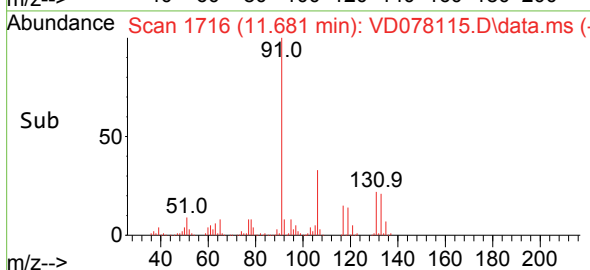
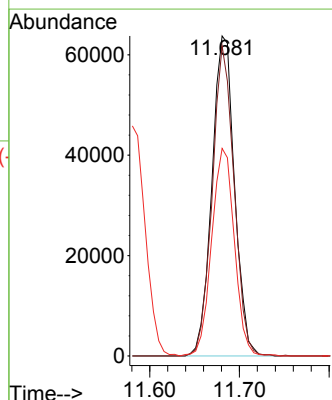
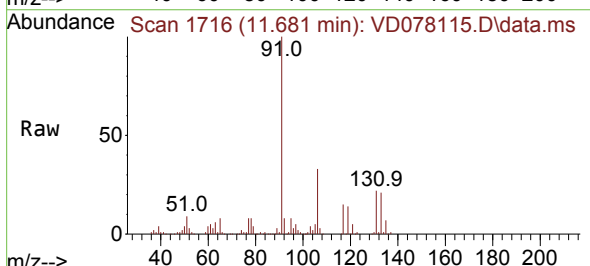
Tgt Ion:131 Resp: 111623

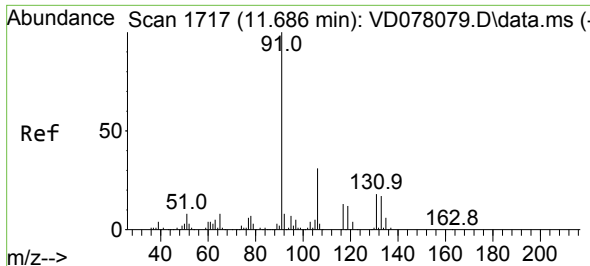
Ion Ratio Lower Upper

131 100

133 93.3 48.5 145.5

119 65.1 35.6 106.9

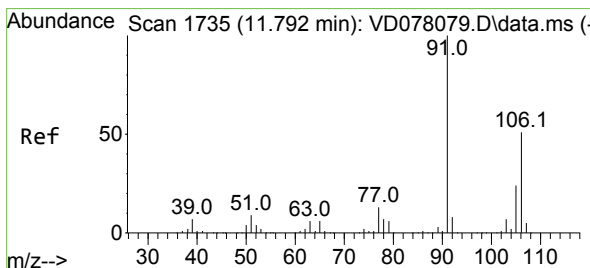
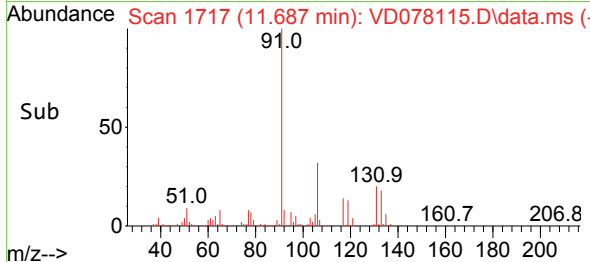
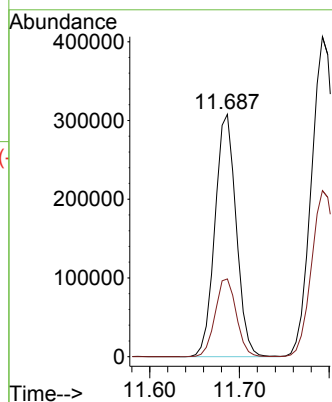
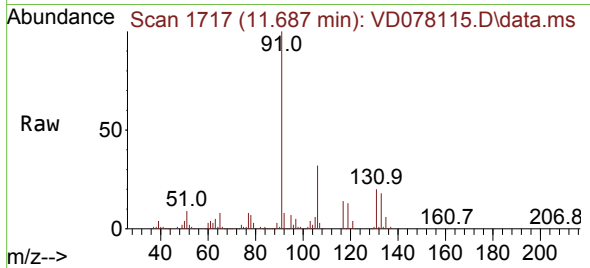




#67
Ethyl Benzene
Concen: 55.602 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

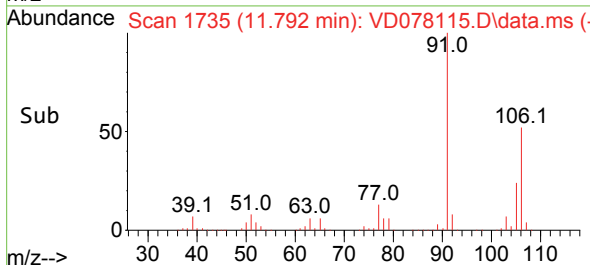
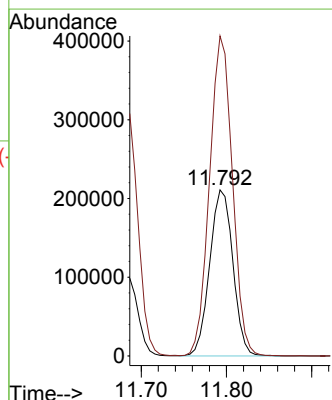
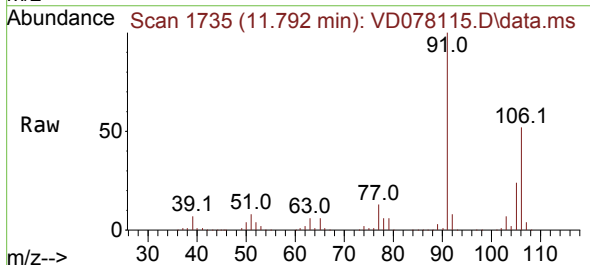
Instrument :
MSVOA_D
ClientSampleId :

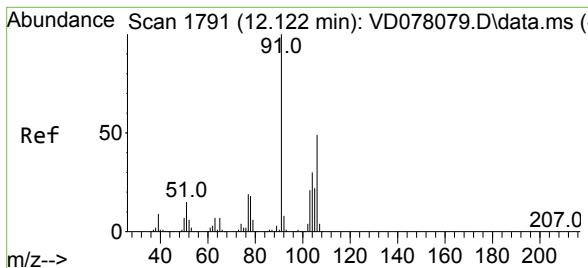
Tgt Ion: 91 Resp: 505318
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 113.073 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:106 Resp: 399935
Ion Ratio Lower Upper
106 100
91 189.8 147.0 220.6

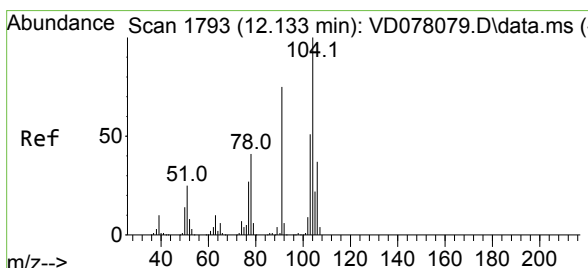
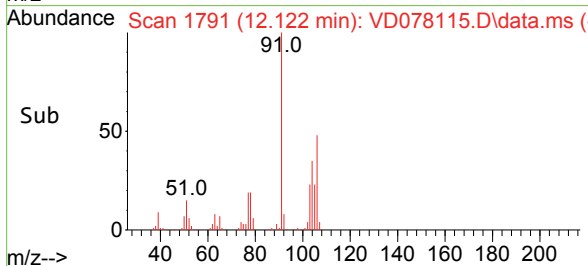
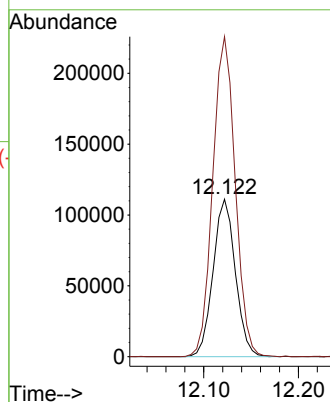
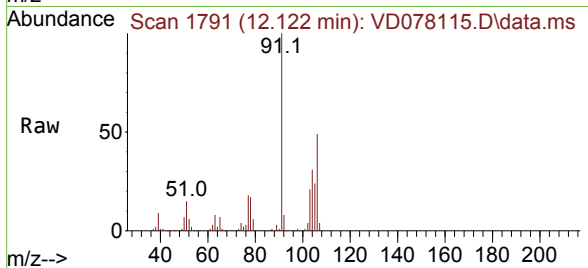




#69
o-Xylene
Concen: 55.182 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

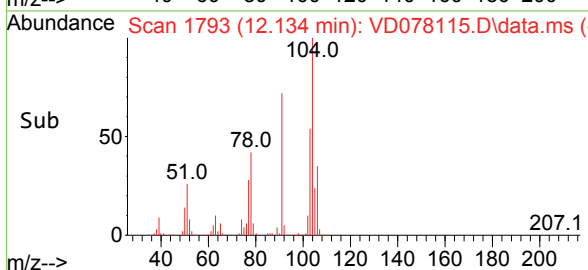
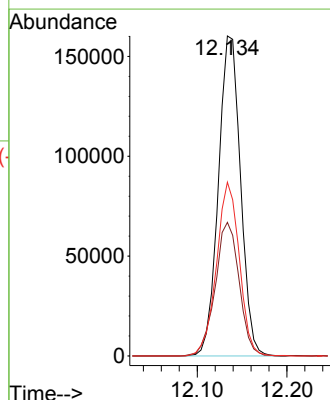
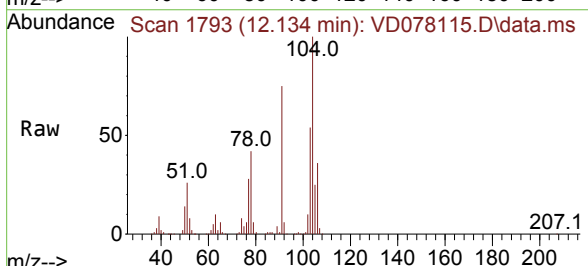
Instrument :
MSVOA_D
ClientSampleId :

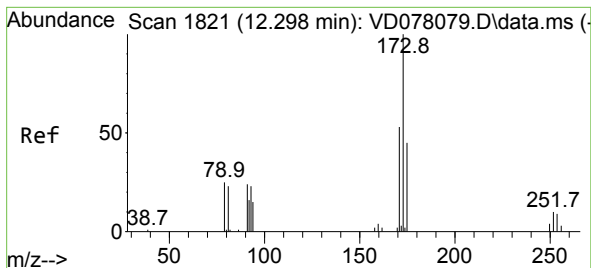
Tgt Ion:106 Resp: 181907
Ion Ratio Lower Upper
106 100
91 204.7 97.9 293.6



#70
Styrene
Concen: 56.470 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion:104 Resp: 274846
Ion Ratio Lower Upper
104 100
78 45.2 33.2 49.8
103 55.9 43.6 65.4





#71

Bromoform

Concen: 56.805 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

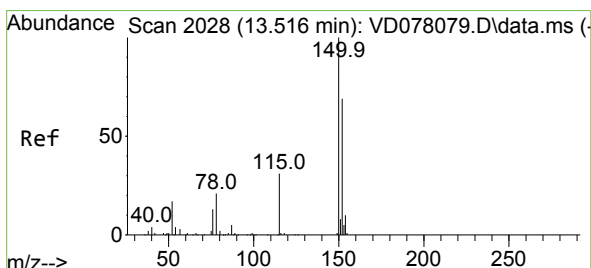
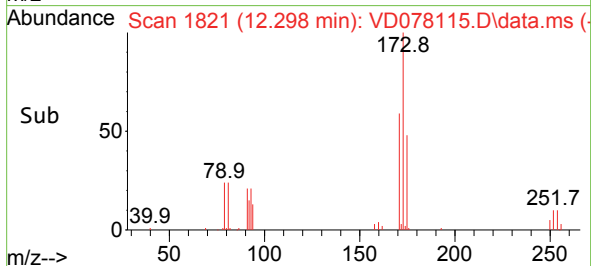
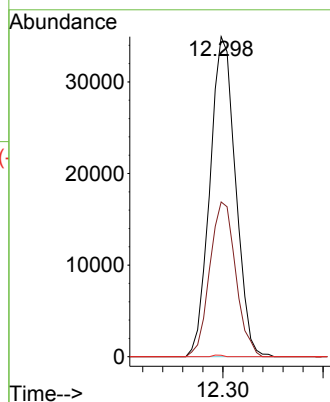
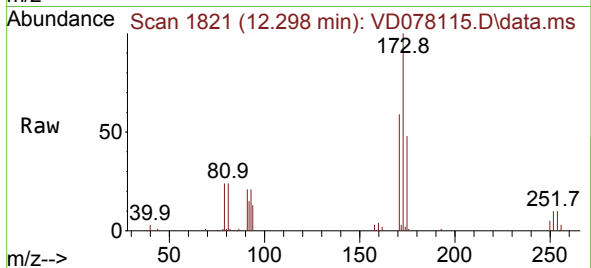
Tgt Ion:173 Resp: 61835

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

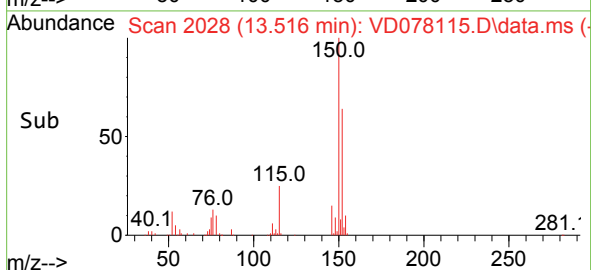
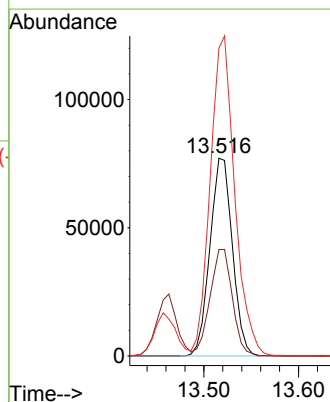
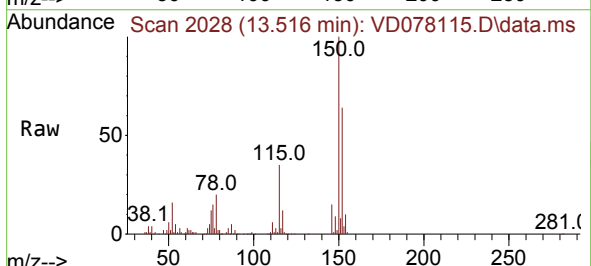
Tgt Ion:152 Resp: 127192

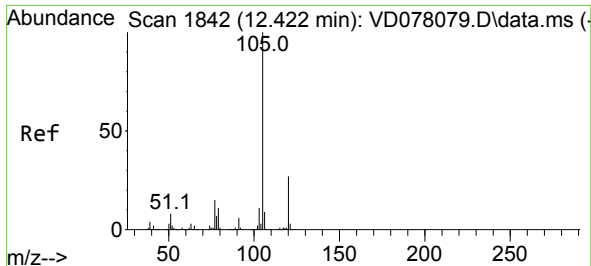
Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.3

150 175.9 0.0 353.6

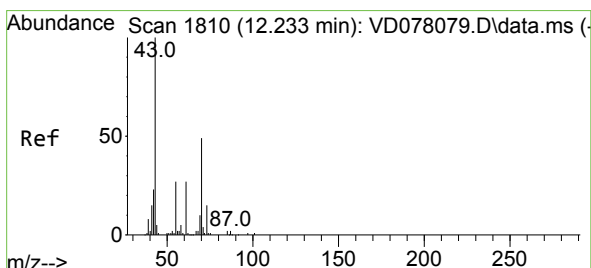
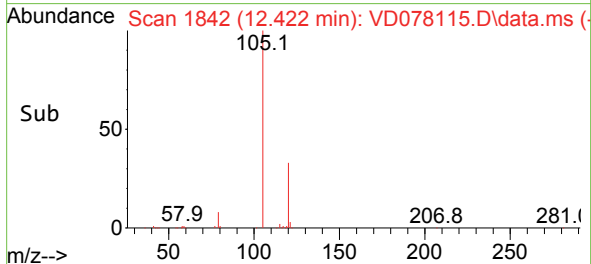
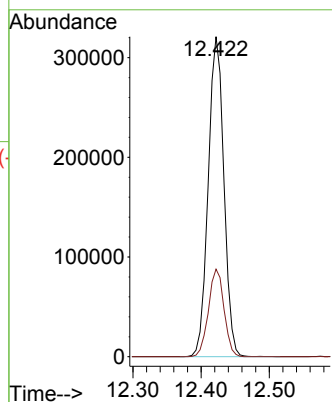
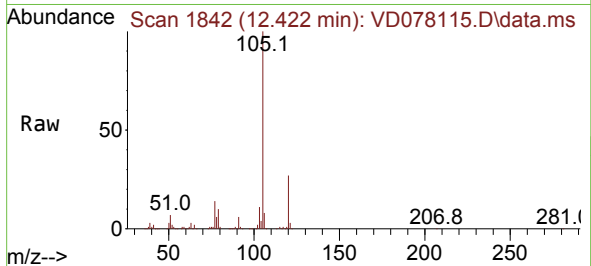




#73
Isopropylbenzene
Concen: 58.511 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

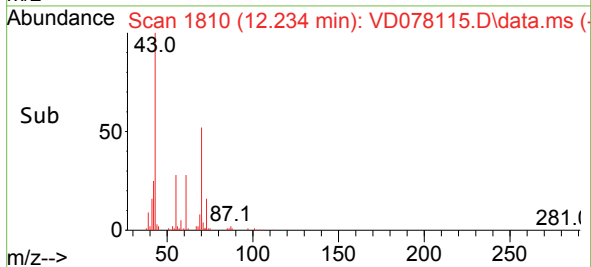
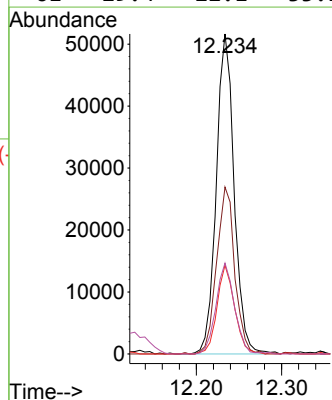
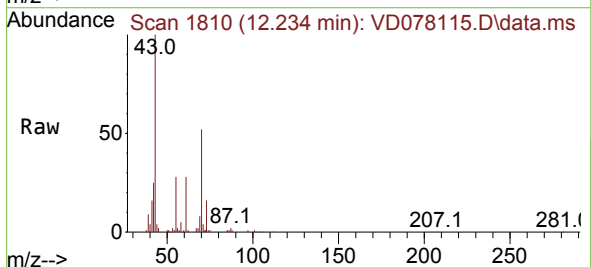
Instrument :
MSVOA_D
ClientSampleId :

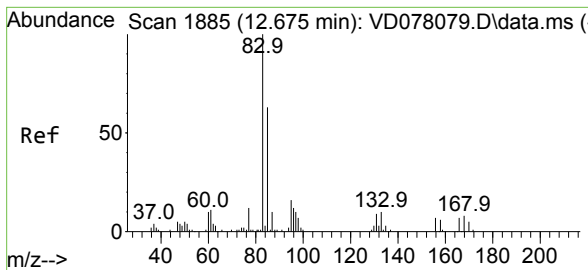
Tgt Ion:105 Resp: 512580
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 51.806 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 43 Resp: 75342
Ion Ratio Lower Upper
43 100
70 52.9 45.0 67.4
55 27.2 23.8 35.6
61 29.4 22.1 33.1

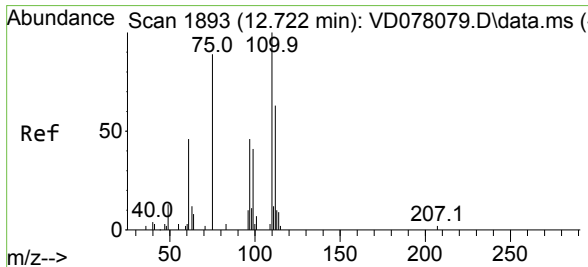
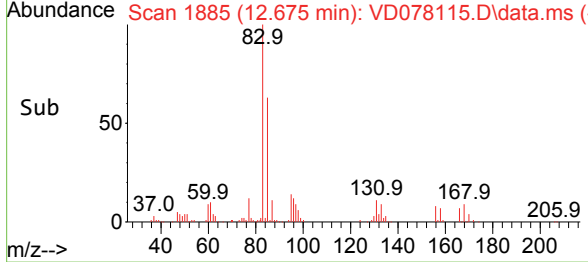
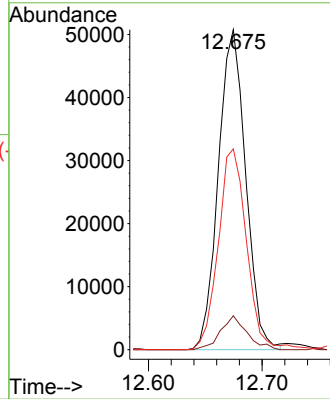
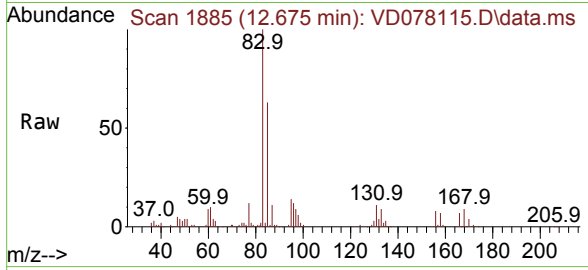




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.366 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

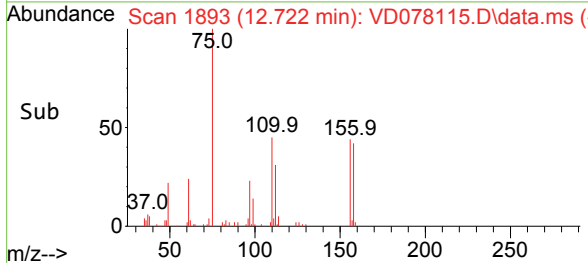
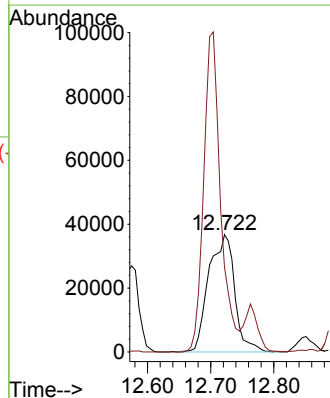
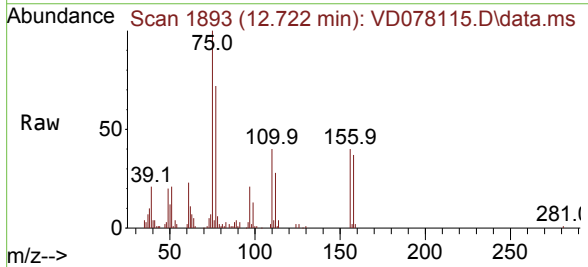
Instrument :
 MSVOA_D
 ClientSampleId :

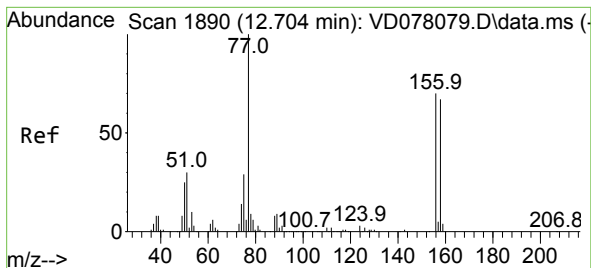
Tgt Ion: 83 Resp: 84967
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 97.551 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078115.D
 Acq: 02 Jan 2024 09:23

Tgt Ion: 75 Resp: 104679
 Ion Ratio Lower Upper
 75 100
 77 178.8 0.0 0.0#





#77

Bromobenzene

Concen: 57.817 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

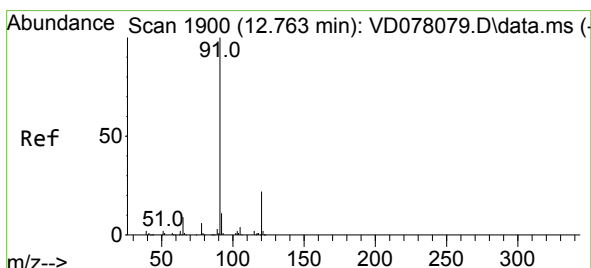
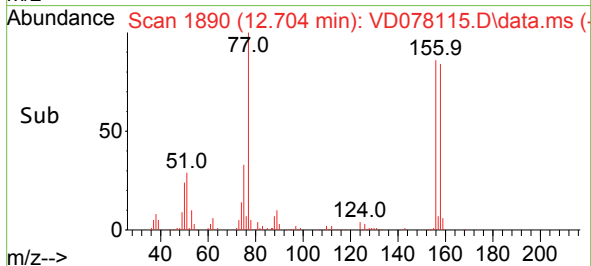
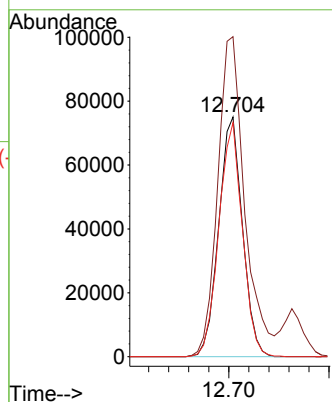
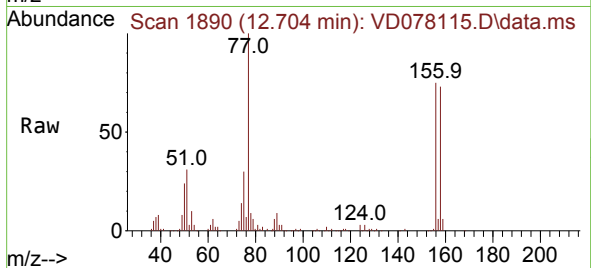
Tgt Ion:156 Resp: 123217

Ion Ratio Lower Upper

156 100

77 151.9 76.8 230.4

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 56.494 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078115.D

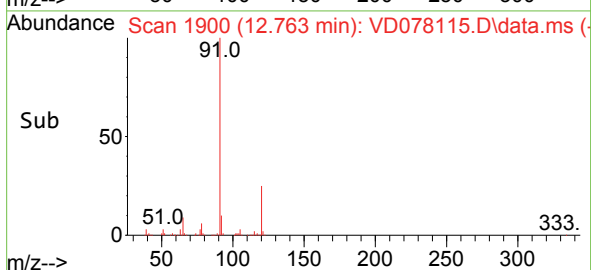
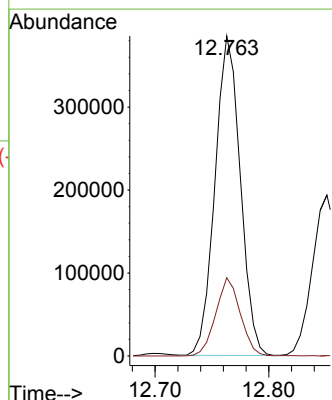
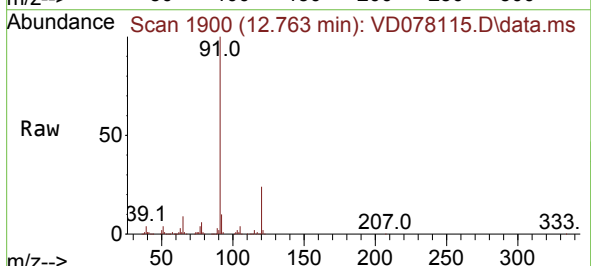
Acq: 02 Jan 2024 09:23

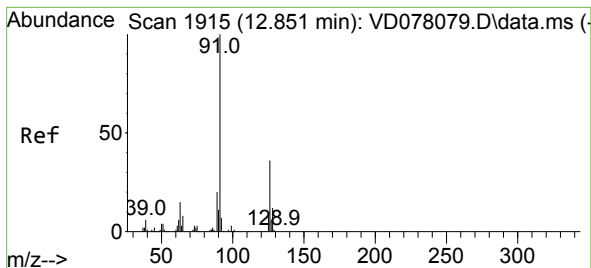
Tgt Ion: 91 Resp: 595725

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 55.118 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

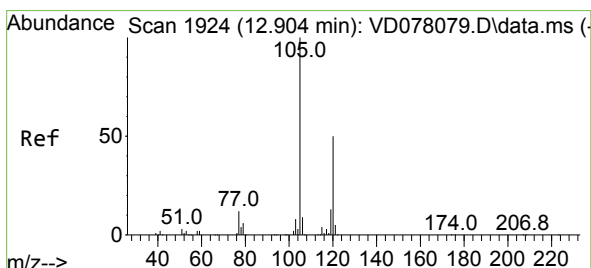
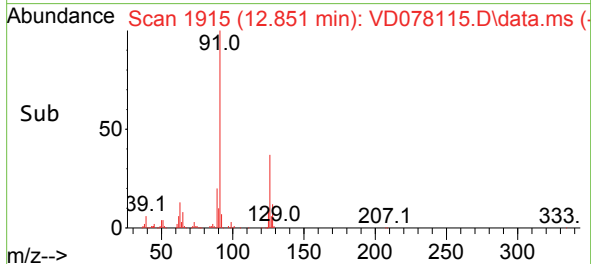
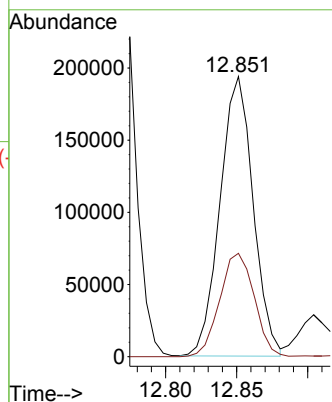
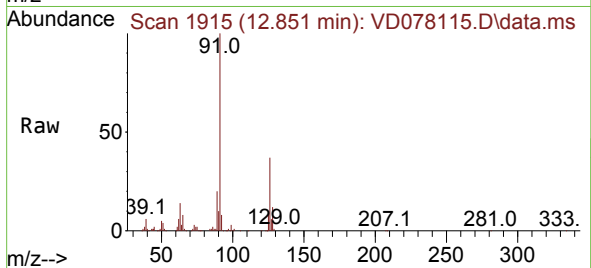
ClientSampleId :

Tgt Ion: 91 Resp: 314372

Ion Ratio Lower Upper

91 100

126 38.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.228 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078115.D

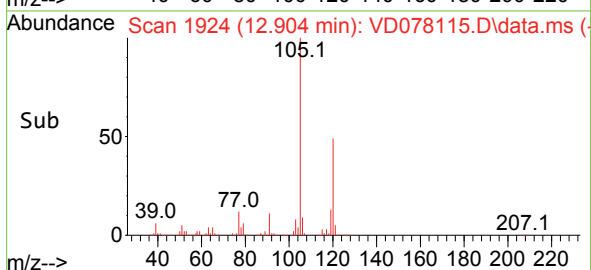
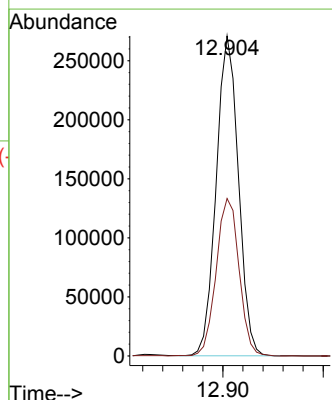
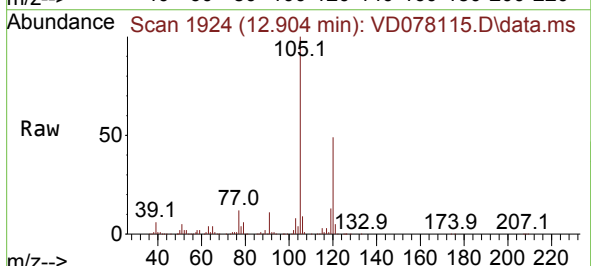
Acq: 02 Jan 2024 09:23

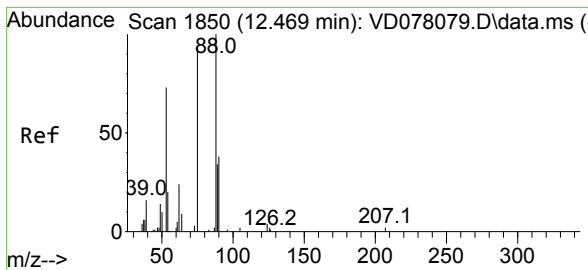
Tgt Ion: 105 Resp: 414669

Ion Ratio Lower Upper

105 100

120 50.9 26.4 79.2

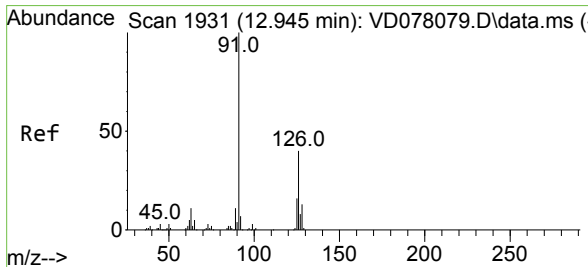
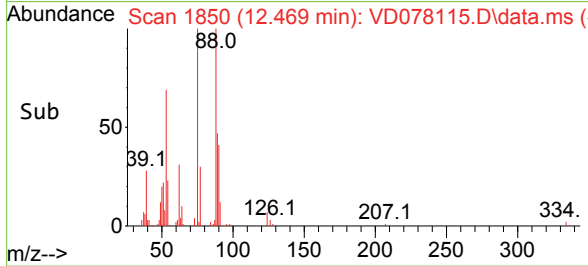
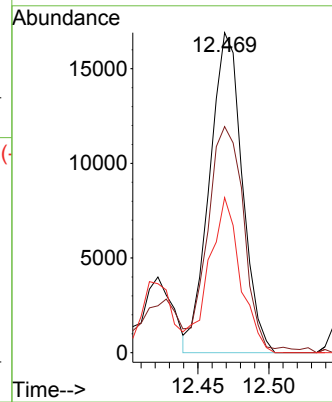
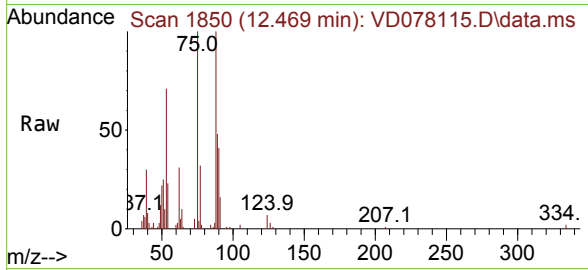




#81
trans-1,4-Dichloro-2-butene
Concen: 54.229 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

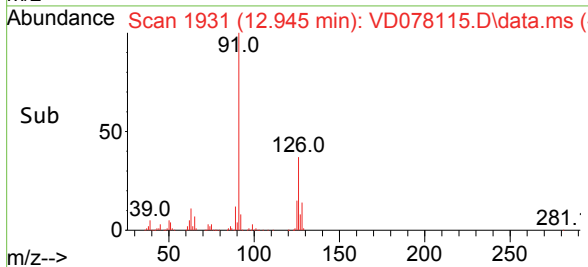
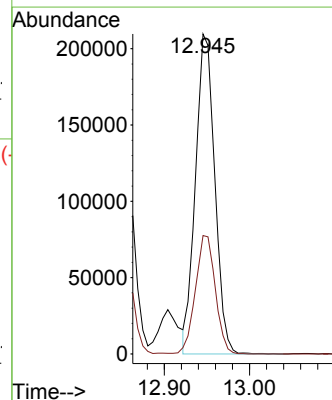
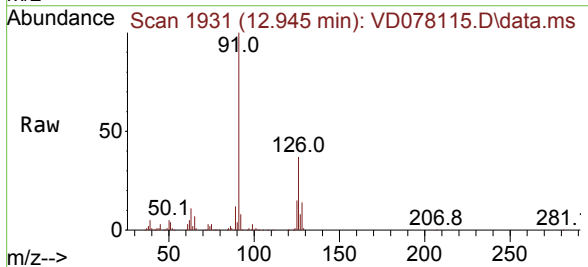
Instrument :
MSVOA_D
ClientSampleId :

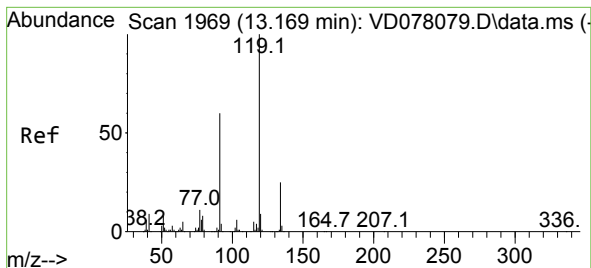
Tgt Ion: 75 Resp: 27006
Ion Ratio Lower Upper
75 100
53 79.1 63.0 94.4
89 46.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.842 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 91 Resp: 329249
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 58.819 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

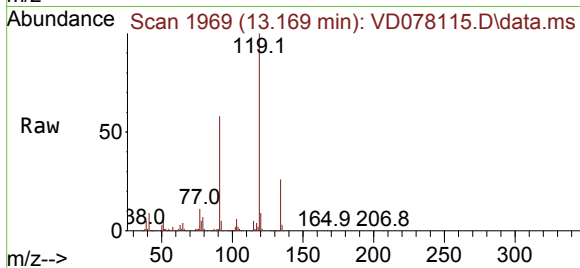
Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



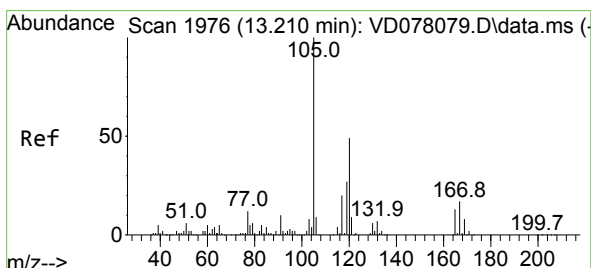
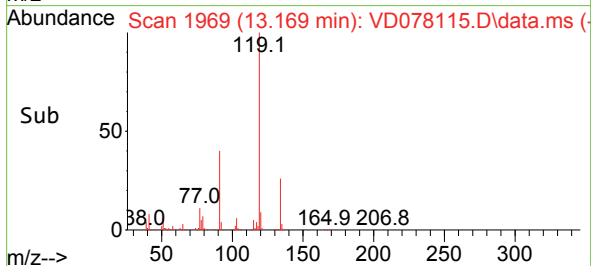
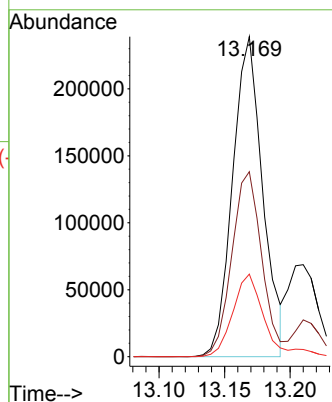
Tgt Ion:119 Resp: 381777

Ion Ratio Lower Upper

119 100

91 57.2 29.3 87.8

134 27.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 56.421 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078115.D

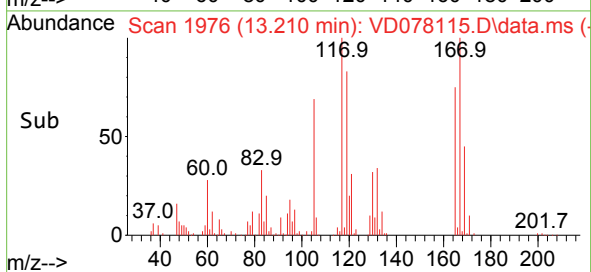
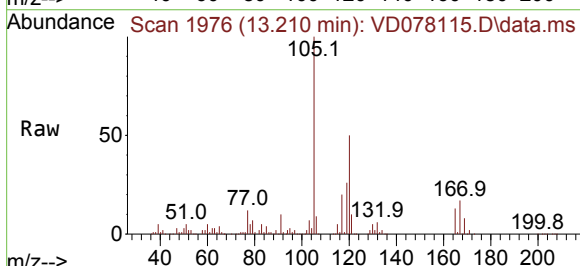
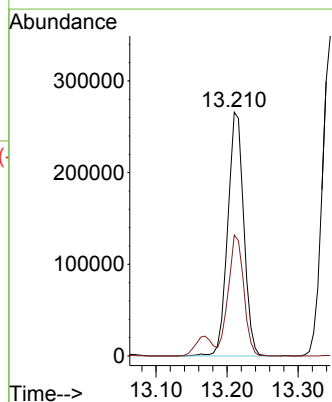
Acq: 02 Jan 2024 09:23

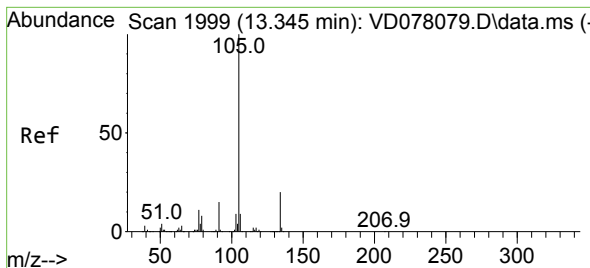
Tgt Ion:105 Resp: 416412

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 58.036 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

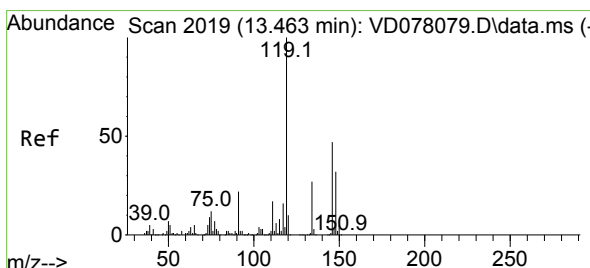
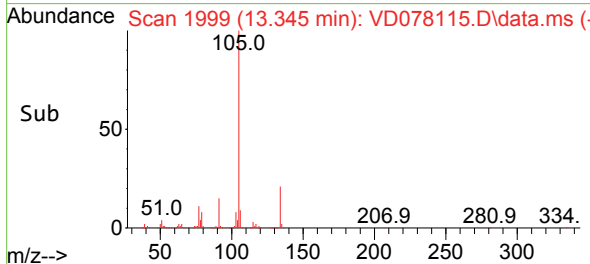
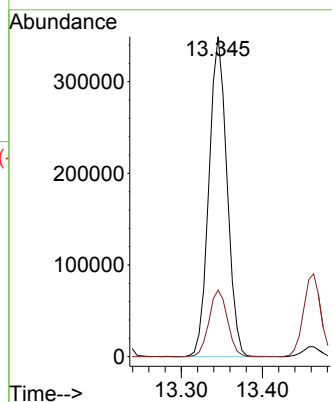
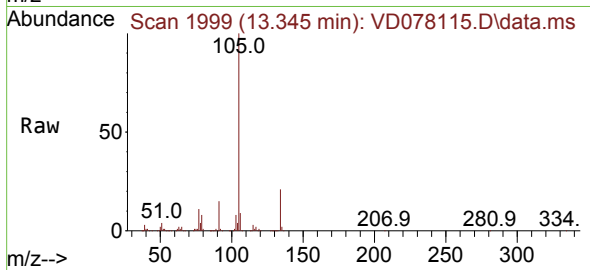
ClientSampleId :

Tgt Ion:105 Resp: 537806

Ion Ratio Lower Upper

105 100

134 21.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 59.073 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

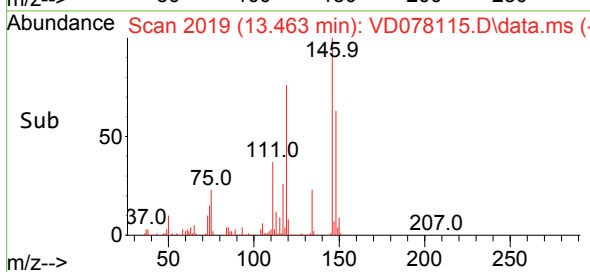
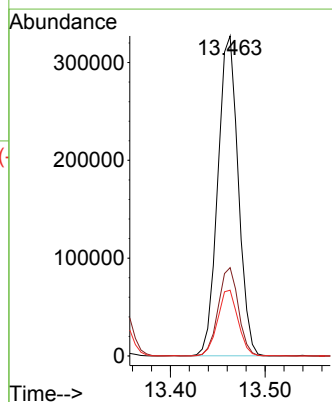
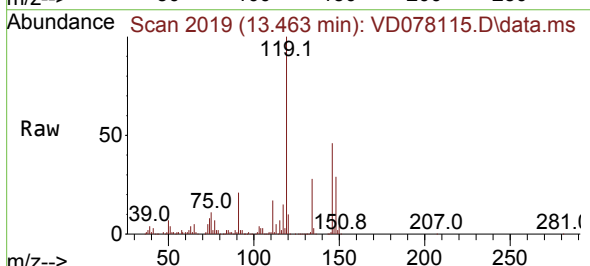
Tgt Ion:119 Resp: 489891

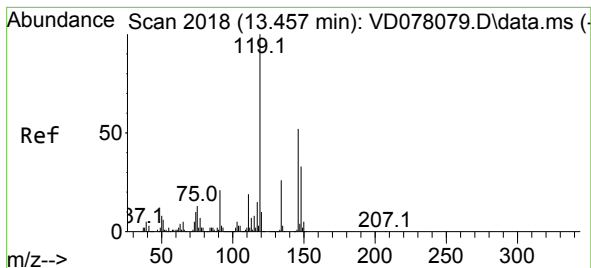
Ion Ratio Lower Upper

119 100

134 27.3 14.2 42.6

91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 57.233 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

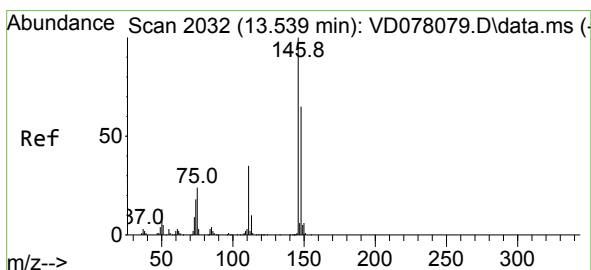
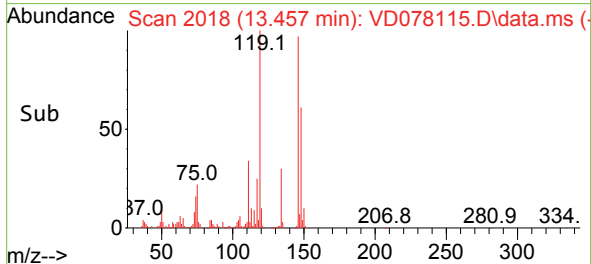
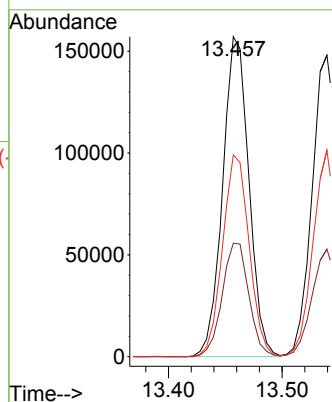
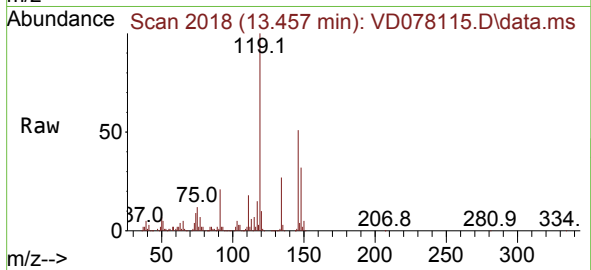
Tgt Ion:146 Resp: 252364

Ion Ratio Lower Upper

146 100

111 36.0 17.9 53.8

148 63.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 56.535 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

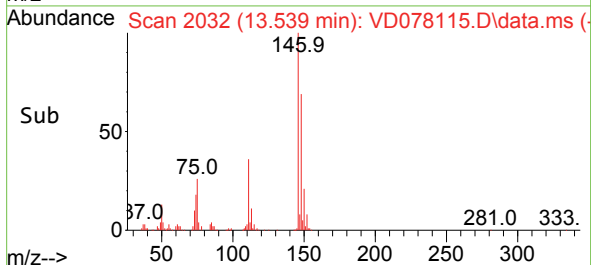
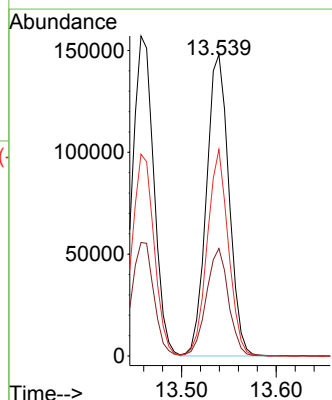
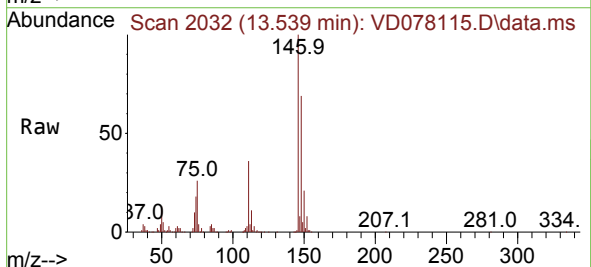
Tgt Ion:146 Resp: 244492

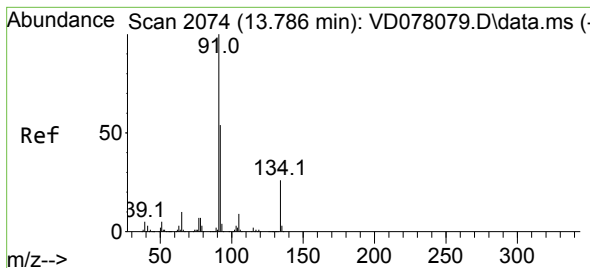
Ion Ratio Lower Upper

146 100

111 35.2 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 56.705 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

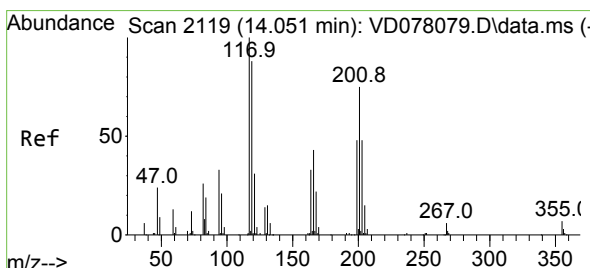
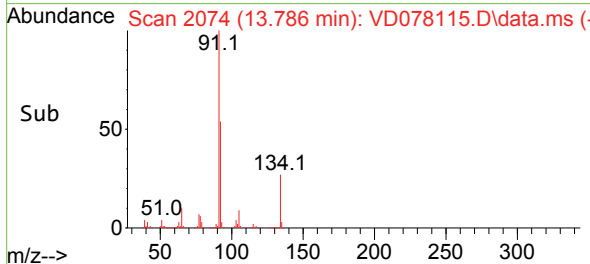
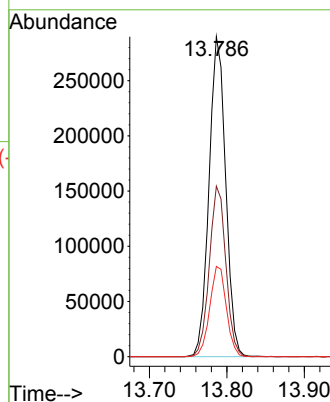
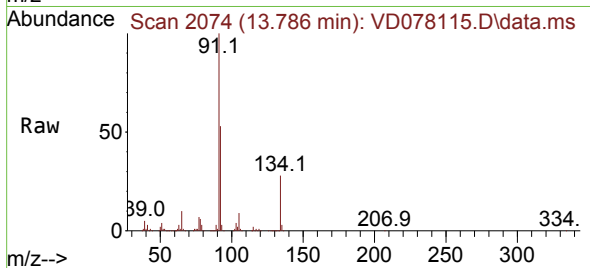
Tgt Ion: 91 Resp: 431638

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 28.2 13.8 41.3



#90

Hexachloroethane

Concen: 57.057 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078115.D

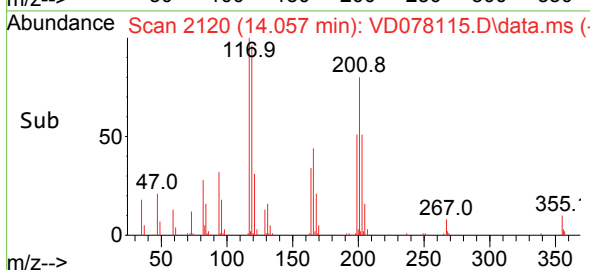
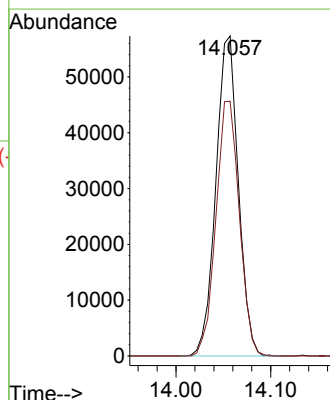
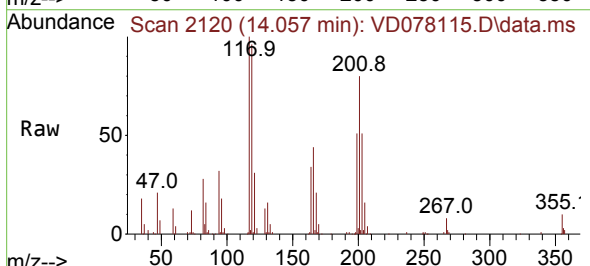
Acq: 02 Jan 2024 09:23

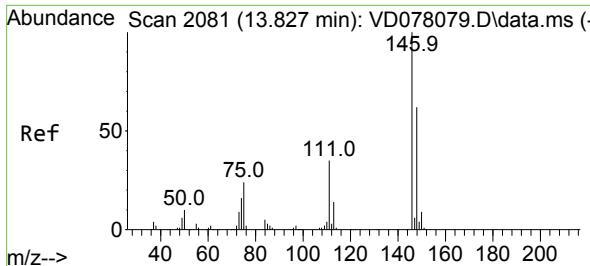
Tgt Ion: 117 Resp: 94596

Ion Ratio Lower Upper

117 100

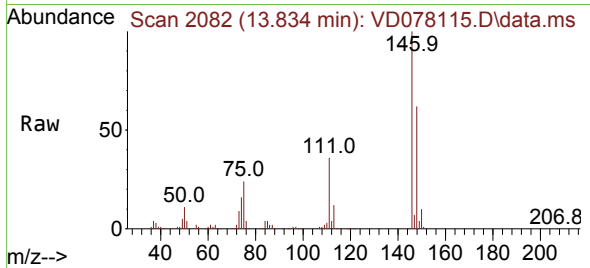
201 82.9 38.5 115.5



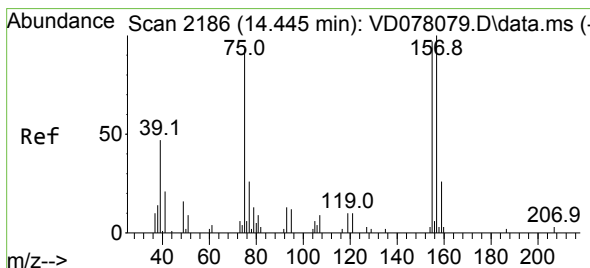
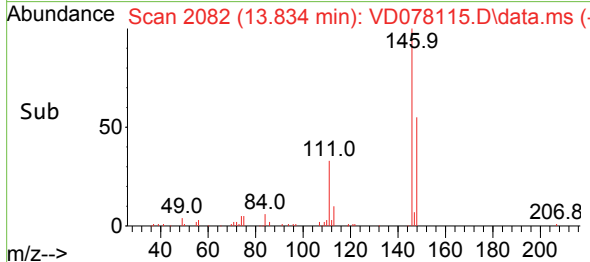
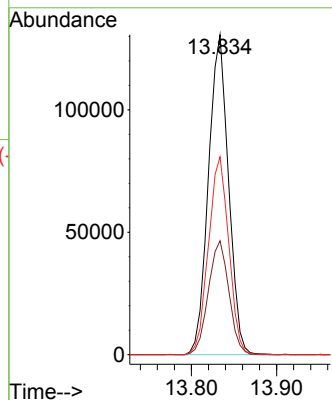


#91
1,2-Dichlorobenzene
Concen: 56.473 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

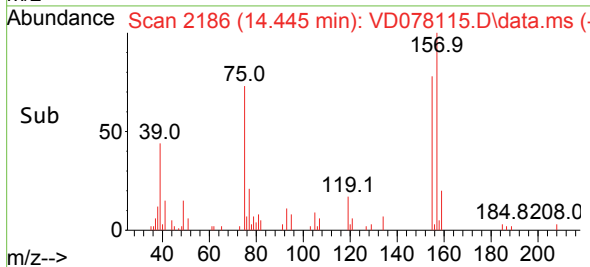
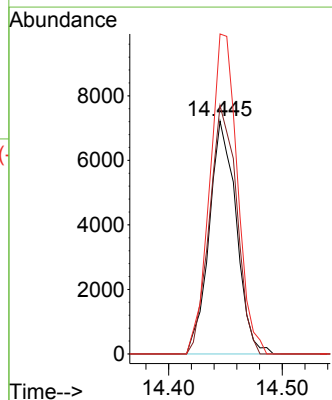
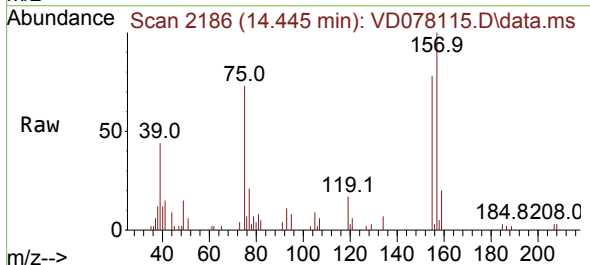


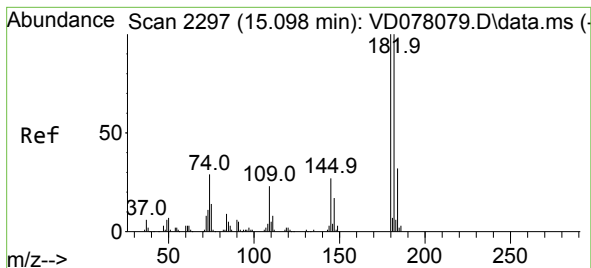
Tgt Ion:146 Resp: 213853
Ion Ratio Lower Upper
146 100
111 36.4 18.3 54.8
148 62.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.558 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078115.D
Acq: 02 Jan 2024 09:23

Tgt Ion: 75 Resp: 11943
Ion Ratio Lower Upper
75 100
155 107.4 47.9 143.8
157 139.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 59.094 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

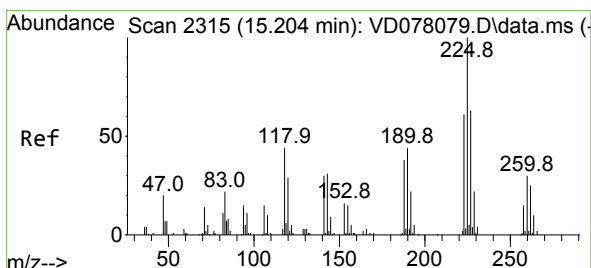
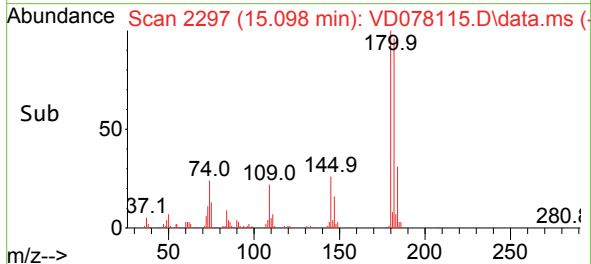
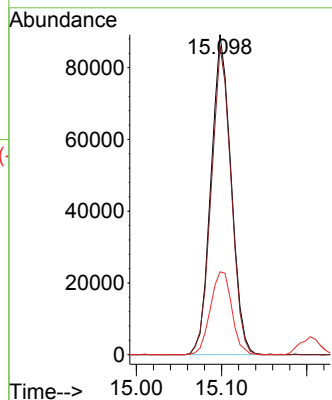
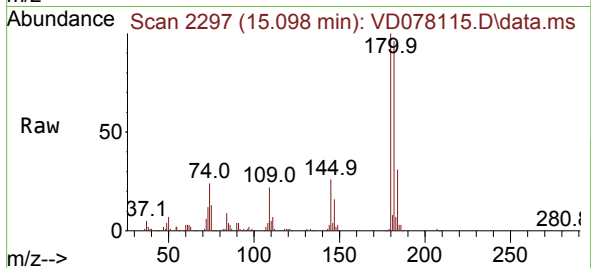
Tgt Ion:180 Resp: 146100

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 64.743 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

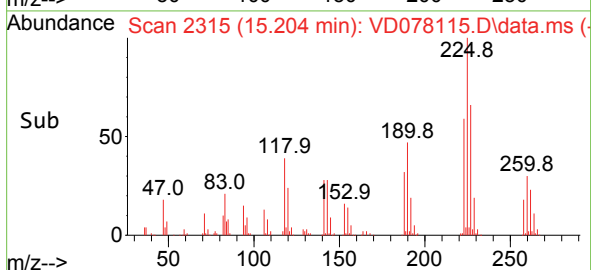
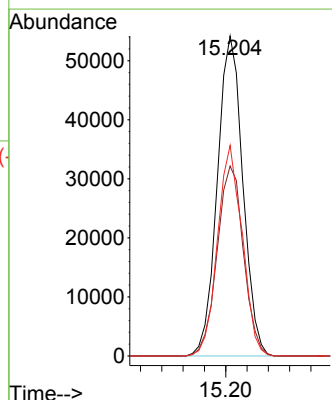
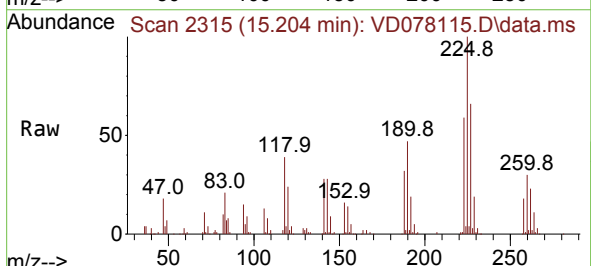
Tgt Ion:225 Resp: 89932

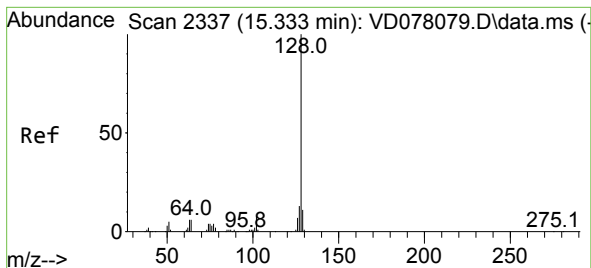
Ion Ratio Lower Upper

225 100

223 61.4 31.6 94.8

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 58.998 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

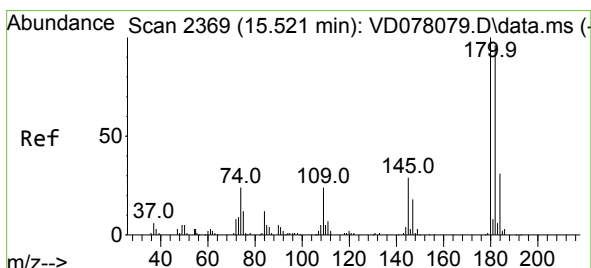
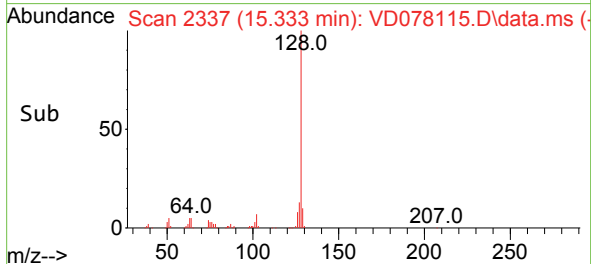
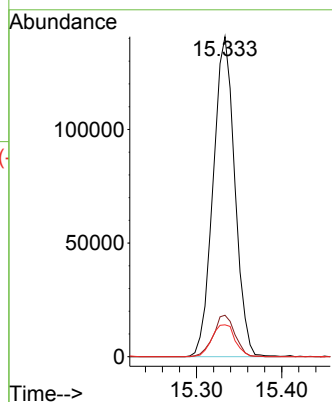
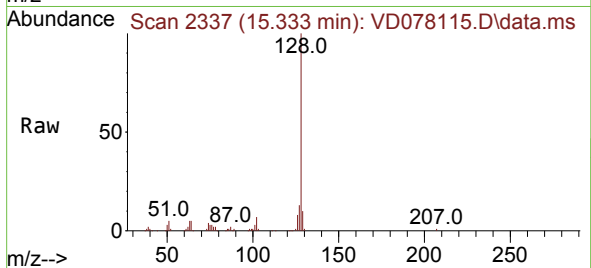
Tgt Ion:128 Resp: 248321

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 9.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 60.559 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078115.D

Acq: 02 Jan 2024 09:23

Tgt Ion:180 Resp: 127040

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 29.2 15.1 45.3

