

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079221.D
 Acq On : 20 Jun 2024 17:41
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:24:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 04:13:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	187438	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.575	117	208136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	104039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	106174	18.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
7) Chloroethane-d5	2.787	69	105401	18.898	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	3.910	65	16995	16.597	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.400%
21) 2-Butanone-d5	6.975	46	11783	26.708	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.420%
24) Chloroform-d	7.563	84	111941	21.359	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.440%
26) 1,2-Dichloroethane-d4	8.222	65	55732	23.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.198	84	219184	18.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	9.204	67	62447	18.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.160%
41) Toluene-d8	10.269	98	206053	19.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.280%
43) trans-1,3-Dichloroprop...	10.522	79	29506	21.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.480%
47) 2-Hexanone-d5	10.875	63	23249	54.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.220%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69063	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.810	152	78246	21.792	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62301	20.997	ug/L	98
3) Chloromethane	2.146	50	112302	28.397	ug/L	98
5) Vinyl chloride	2.275	62	163141	24.994	ug/L	96
6) Bromomethane	2.681	94	102670	20.375	ug/L	97
8) Chloroethane	2.828	64	115551	24.153	ug/L	93
9) Trichlorofluoromethane	3.163	101	108692	21.859	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	69981	23.470	ug/L	98
12) 1,1-Dichloroethene	3.928	96	60504	23.308	ug/L	93
13) Acetone	4.022	43	31794	49.778	ug/L	65
14) Carbon disulfide	4.263	76	211191	23.322	ug/L	99
15) Methyl Acetate	4.557	43	25313	29.087	ug/L	95
16) Methylene chloride	4.787	84	86772	25.981	ug/L	92
17) trans-1,2-Dichloroethene	5.304	96	70740	25.217	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	142815	28.704	ug/L #	80
19) 1,1-Dichloroethane	6.104	63	114938	25.448	ug/L #	96
20) cis-1,2-Dichloroethene	7.075	96	78100	26.737	ug/L	96
22) 2-Butanone	7.069	43	37165	55.390	ug/L	95
23) Bromochloromethane	7.422	128	43406	29.310	ug/L #	92
25) Chloroform	7.593	83	133230	25.981	ug/L	95

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 Response via : Initial Calibration

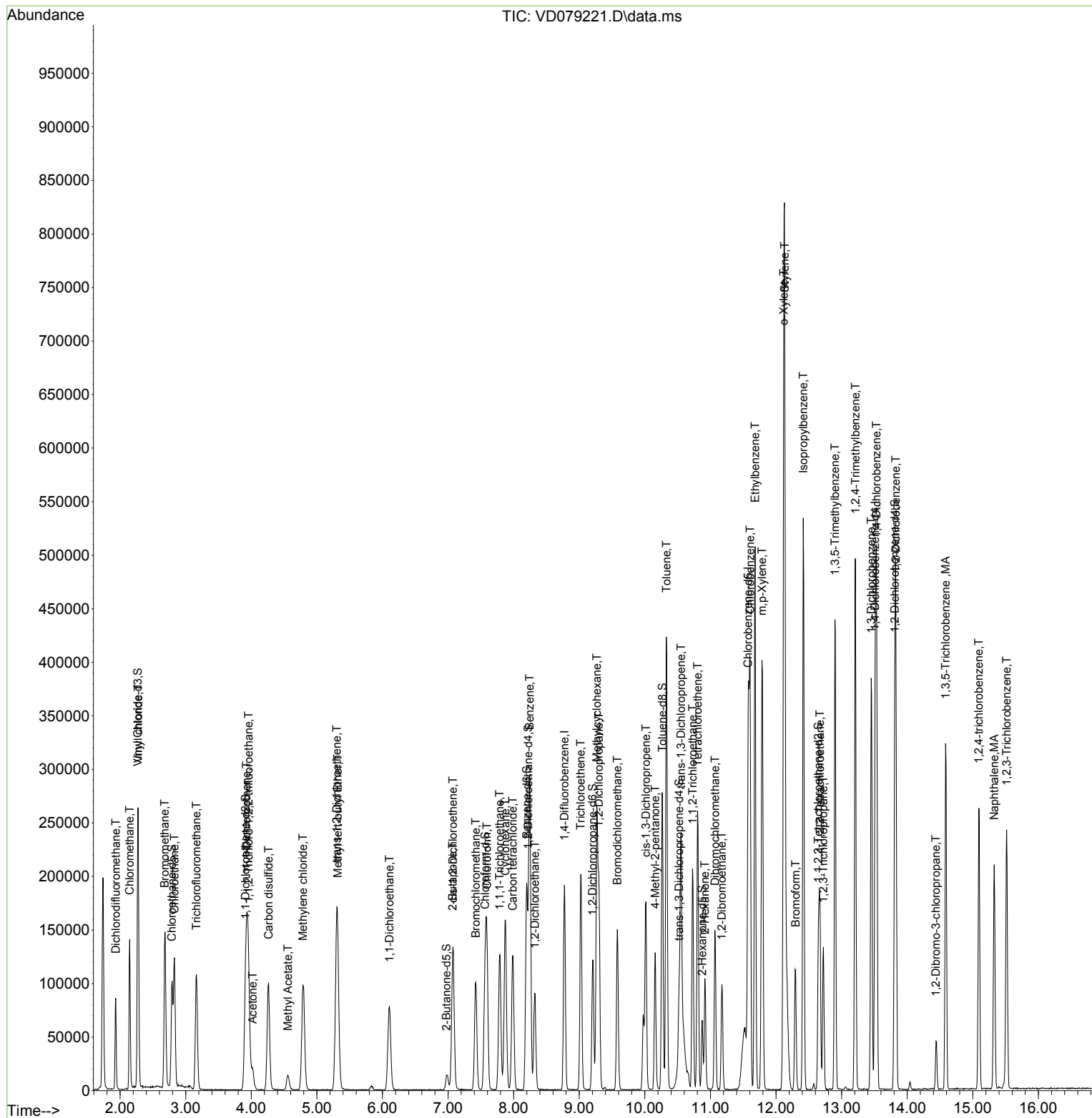
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	82507	27.717	ug/L	95
29) Cyclohexane	7.875	56	78834	20.993	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	109280	22.176	ug/L	98
31) Carbon tetrachloride	7.987	117	101863	22.245	ug/L	97
33) Benzene	8.245	78	294915	23.790	ug/L	100
34) Trichloroethene	9.022	95	71681	22.450	ug/L	96
35) Methylcyclohexane	9.269	83	110384	20.865	ug/L	98
37) 1,2-Dichloropropane	9.298	63	75078	24.726	ug/L	99
38) Bromodichloromethane	9.581	83	103425	24.502	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	114101	24.072	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	74736	58.961	ug/L	97
42) Toluene	10.328	91	332681	24.168	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	114172	28.484	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	70493	26.463	ug/L	97
46) Tetrachloroethene	10.804	164	64369	22.896	ug/L	97
48) 2-Hexanone	10.916	43	59512	54.258	ug/L	99
49) Dibromochloromethane	11.069	129	82678	26.209	ug/L	95
50) 1,2-Dibromoethane	11.175	107	65434	26.727	ug/L #	98
51) Chlorobenzene	11.604	112	230499	25.166	ug/L	99
52) Ethylbenzene	11.681	91	357461	24.895	ug/L	98
53) m,p-Xylene	11.786	106	141349	25.091	ug/L	97
54) o-Xylene	12.116	106	137744	25.308	ug/L	95
55) Styrene	12.133	104	259887	26.930	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	83632	28.047	ug/L	99
59) Bromoform	12.298	173	53534	28.075	ug/L	99
60) Isopropylbenzene	12.416	105	348967	25.367	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54995	29.940	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	236227	25.115	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	265715	26.412	ug/L	99
64) 1,3-Dichlorobenzene	13.451	146	173684	26.281	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	183856	26.256	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	162781	26.645	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.439	75	11196	29.651	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.586	180	106271	25.496	ug/L	99
70) 1,2,4-trichlorobenzene	15.092	180	89269	25.788	ug/L	98
71) Naphthalene	15.327	128	193472	29.885	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	87341	29.193	ug/L	96

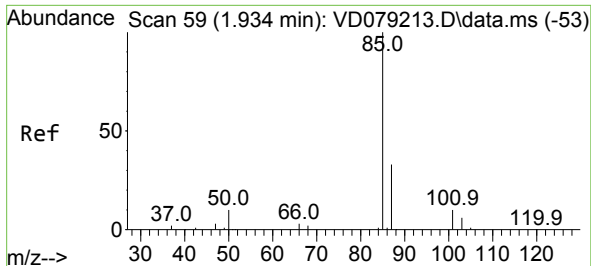
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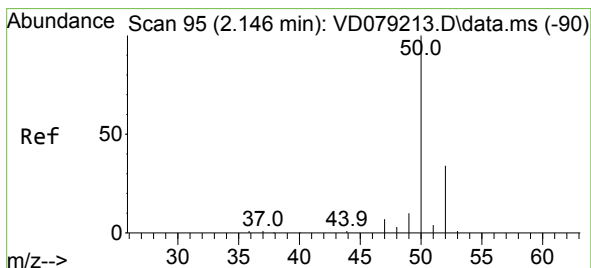
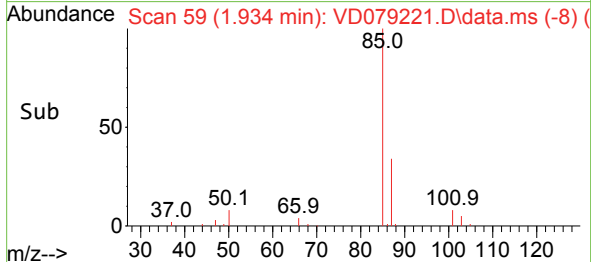
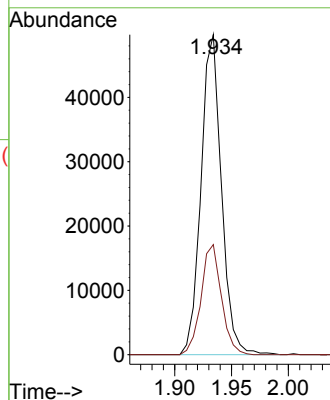
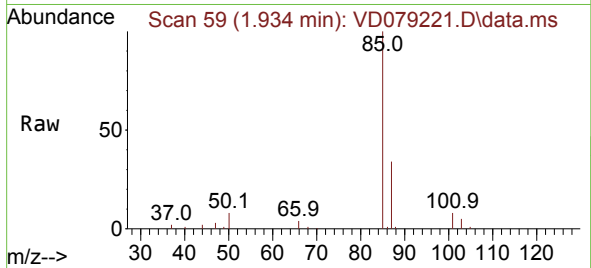




#2
Dichlorodifluoromethane
Concen: 20.997 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

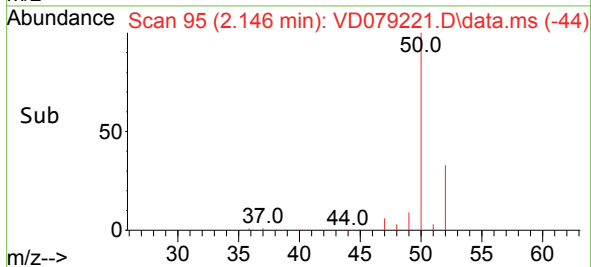
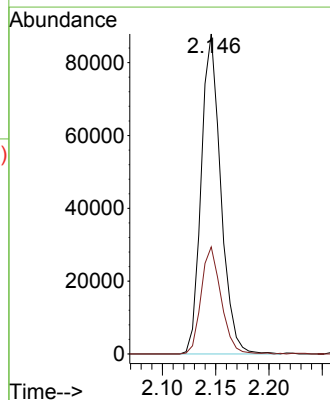
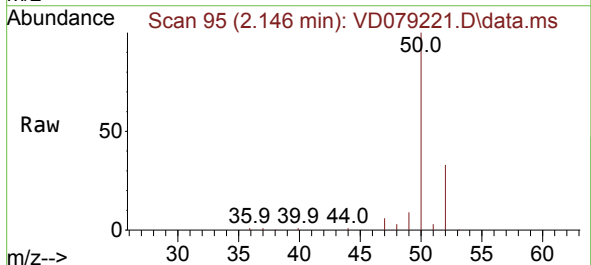
Instrument :
MSVOA_D
ClientSampleId :

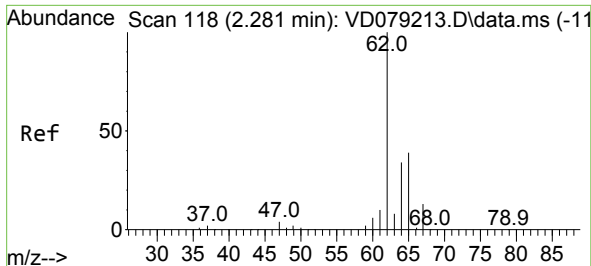
Tgt Ion: 85 Resp: 62301
Ion Ratio Lower Upper
85 100
87 34.2 26.2 39.4



#3
Chloromethane
Concen: 28.397 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

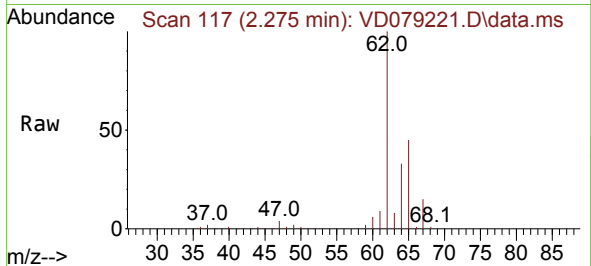
Tgt Ion: 50 Resp: 112302
Ion Ratio Lower Upper
50 100
52 33.5 24.4 45.2



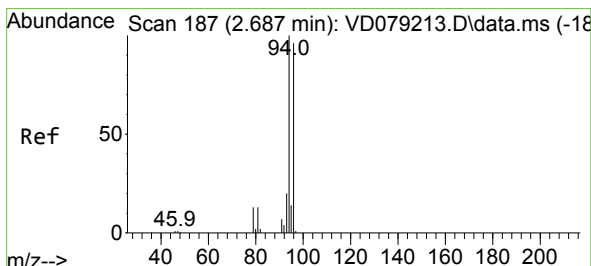
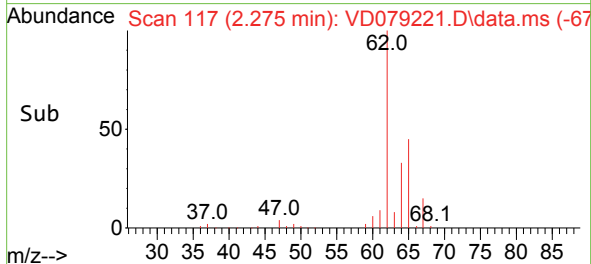
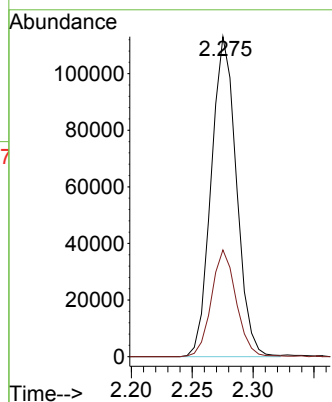


#5
 Vinyl chloride
 Concen: 24.994 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41

Instrument :
 MSVOA_D
 ClientSampleId :

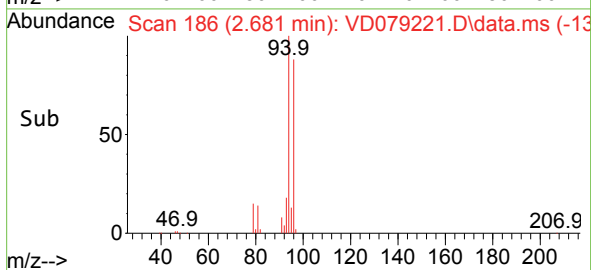
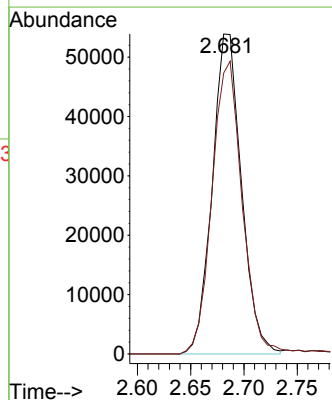
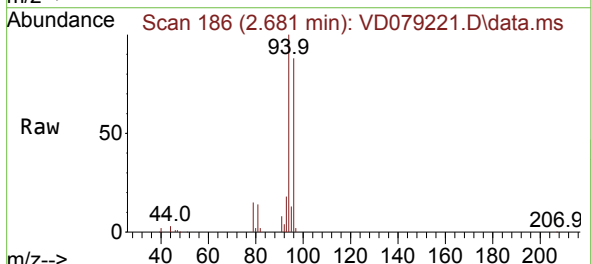


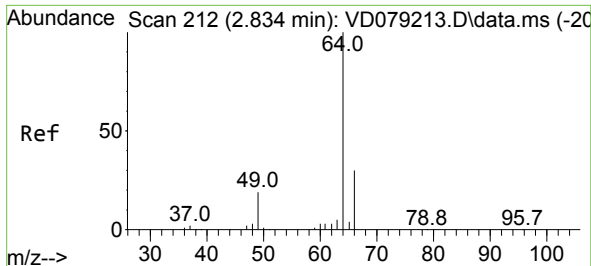
Tgt Ion: 62 Resp: 163141
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.8 46.1



#6
 Bromomethane
 Concen: 20.375 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41

Tgt Ion: 94 Resp: 102670
 Ion Ratio Lower Upper
 94 100
 96 87.8 63.6 118.2

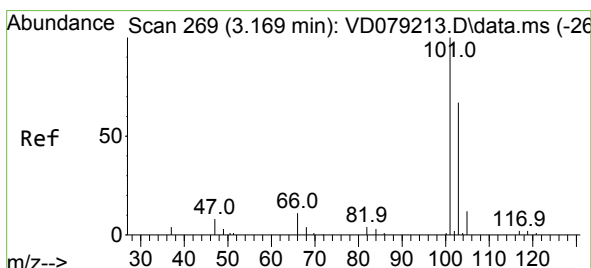
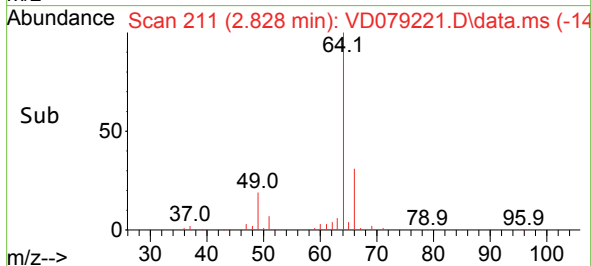
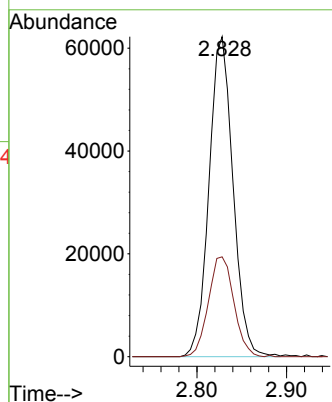
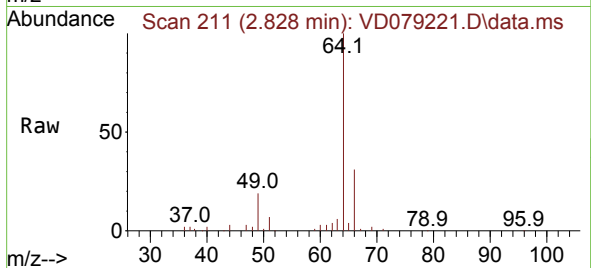




#8
Chloroethane
Concen: 24.153 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

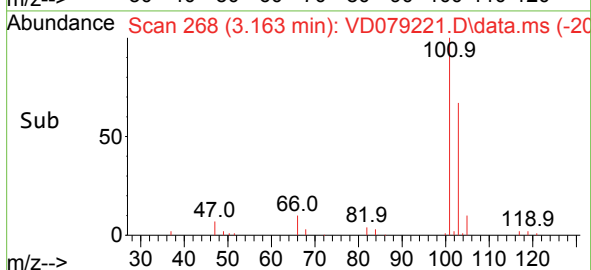
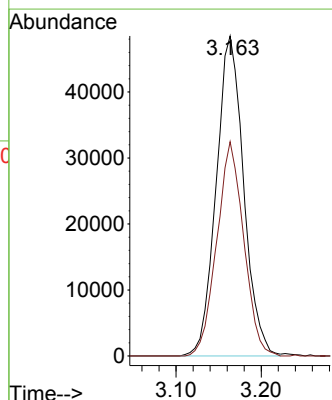
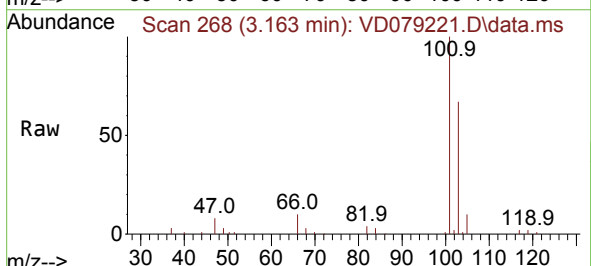
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MSVOA_D
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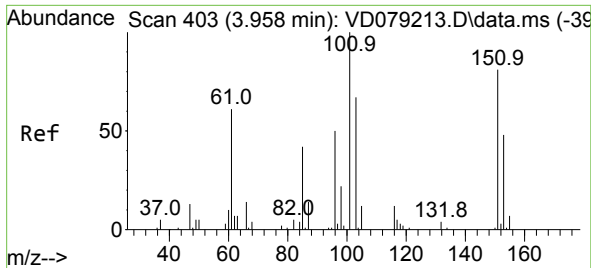
Tgt Ion: 64 Resp: 115551
Ion Ratio Lower Upper
64 100
66 31.2 24.8 46.1



#9
Trichlorofluoromethane
Concen: 21.859 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion:101 Resp: 108692
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

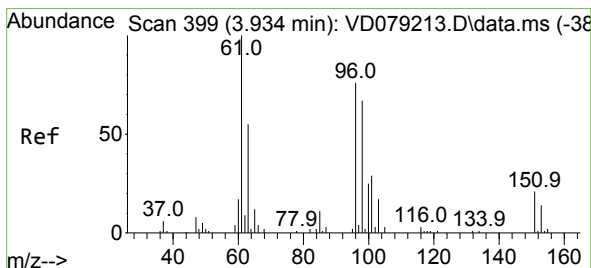
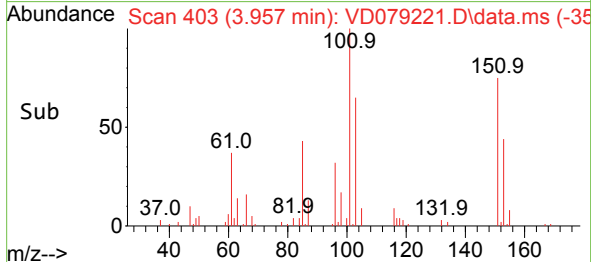
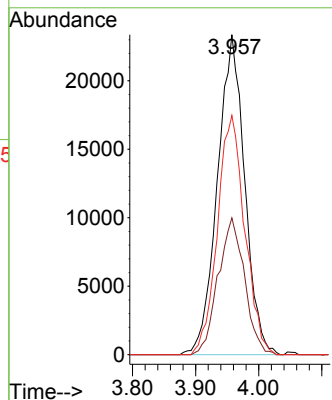
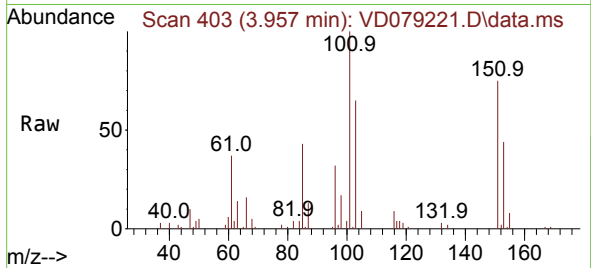




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.470 ug/L
RT: 3.957 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

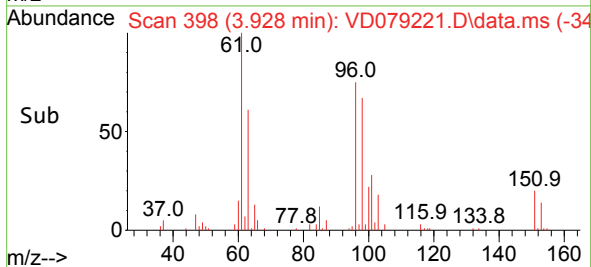
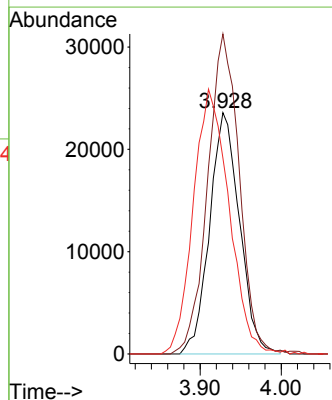
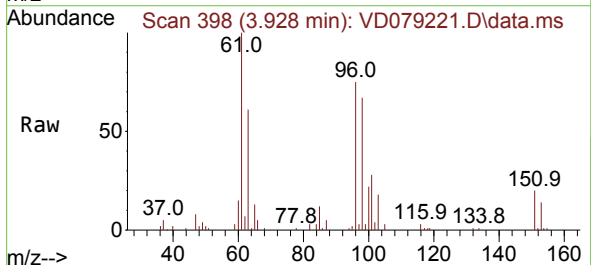
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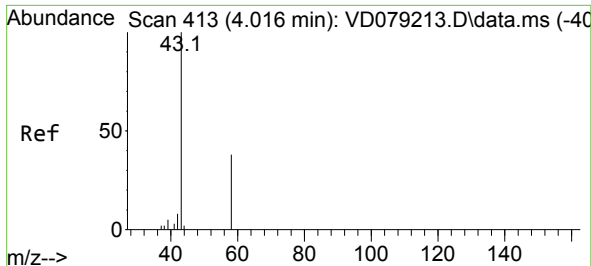
Tgt Ion:101 Resp: 69981
Ion Ratio Lower Upper
101 100
85 41.4 35.4 53.0
151 75.0 59.1 88.7



#12
1,1-Dichloroethene
Concen: 23.308 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 96 Resp: 60504
Ion Ratio Lower Upper
96 100
61 132.6 93.9 174.3
63 81.2 67.7 125.7





#13

Acetone

Concen: 49.778 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

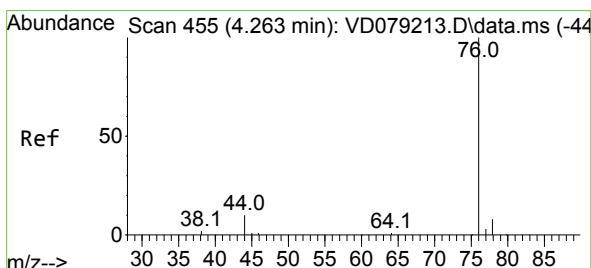
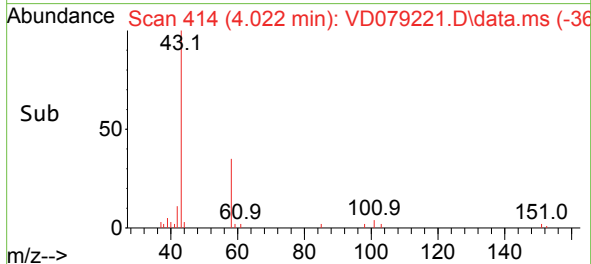
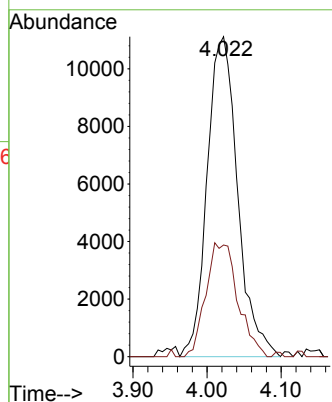
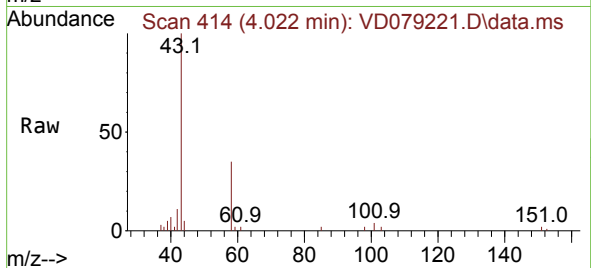
ClientSampleId :

Tgt Ion: 43 Resp: 31794

Ion Ratio Lower Upper

43 100

58 17.7 0.0 78.2



#14

Carbon disulfide

Concen: 23.322 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD079221.D

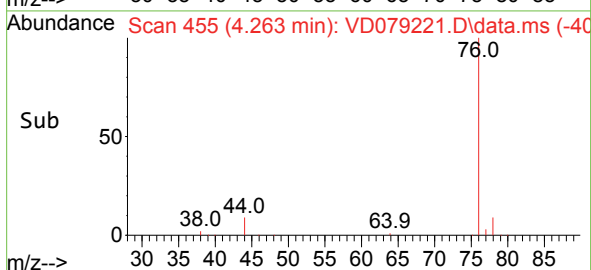
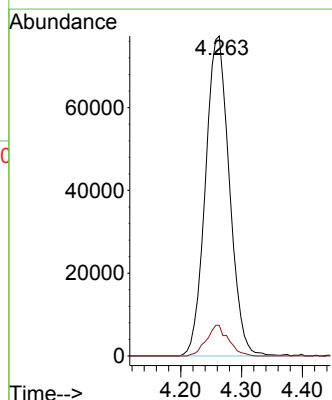
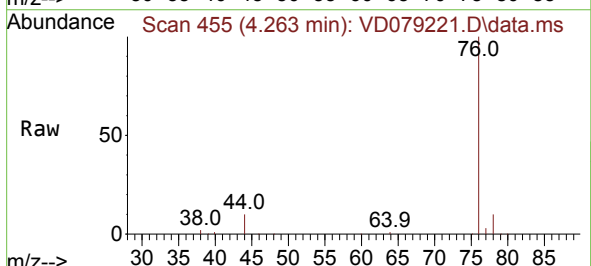
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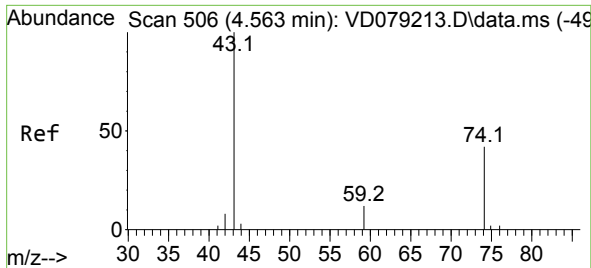
Tgt Ion: 76 Resp: 211191

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

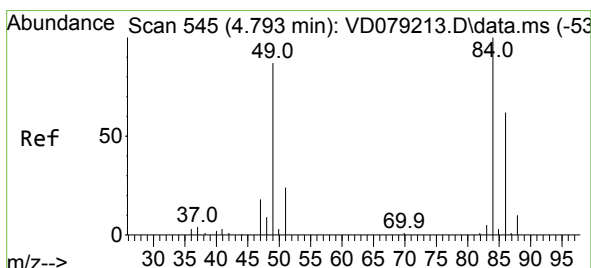
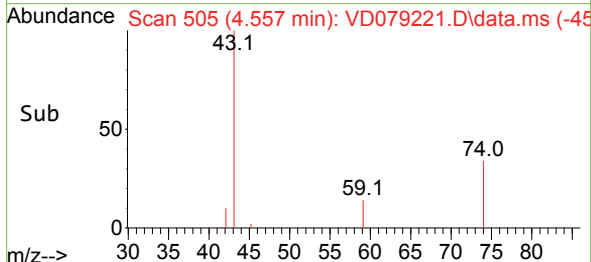
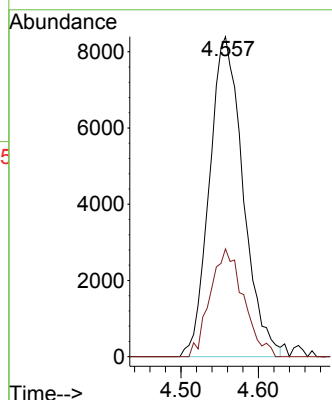
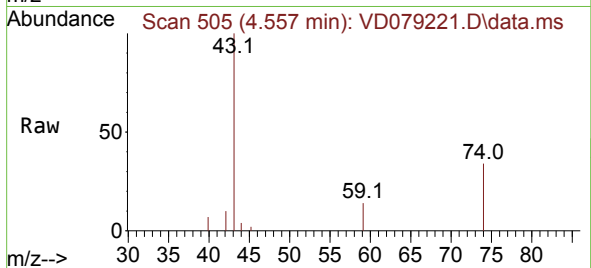




#15
Methyl Acetate
Concen: 29.087 ug/L
RT: 4.557 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

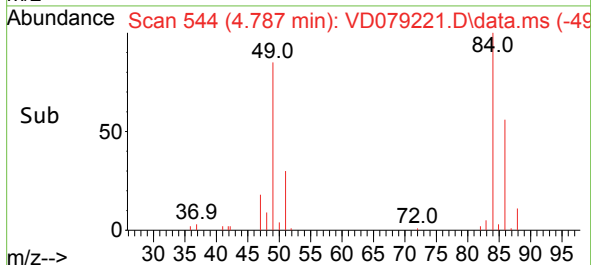
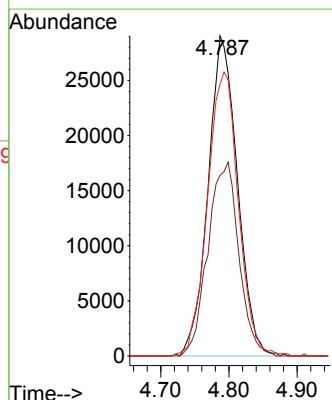
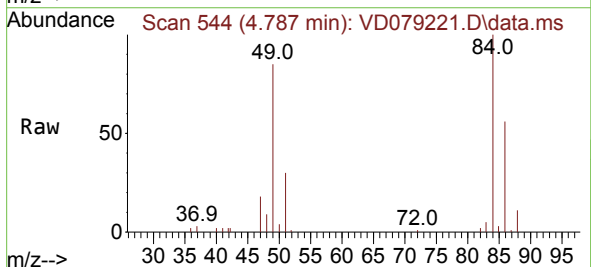
Instrument :
MSVOA_D
ClientSampleId :

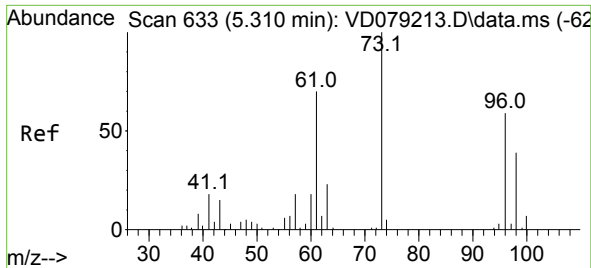
Tgt Ion: 43 Resp: 25313
Ion Ratio Lower Upper
43 100
74 32.6 23.8 35.6



#16
Methylene chloride
Concen: 25.981 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 84 Resp: 86772
Ion Ratio Lower Upper
84 100
86 56.4 40.9 76.0
49 84.9 67.5 125.3

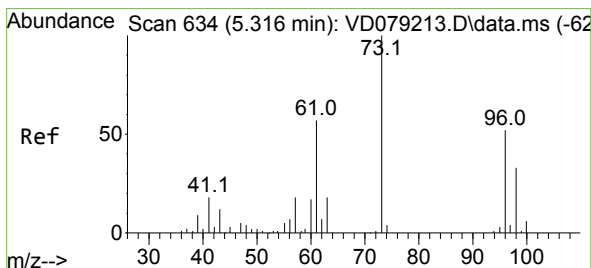
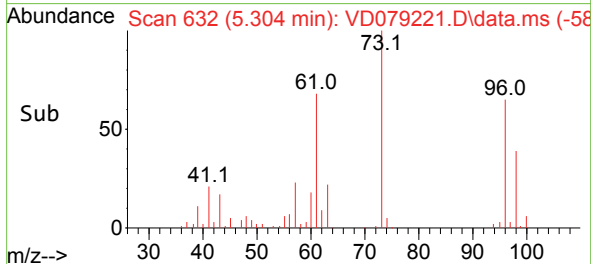
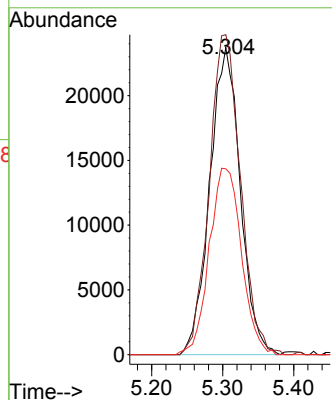
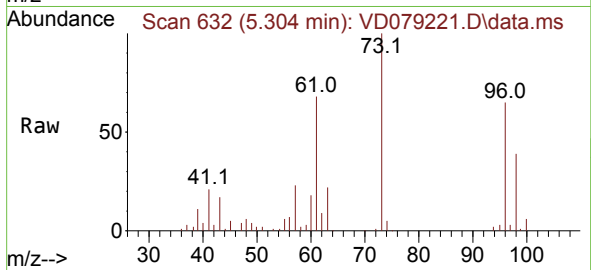




#17
trans-1,2-Dichloroethene
Concen: 25.217 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

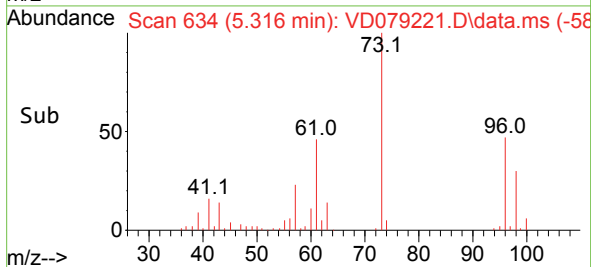
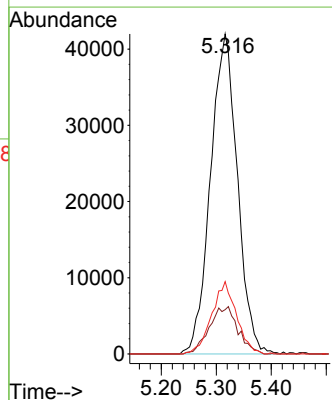
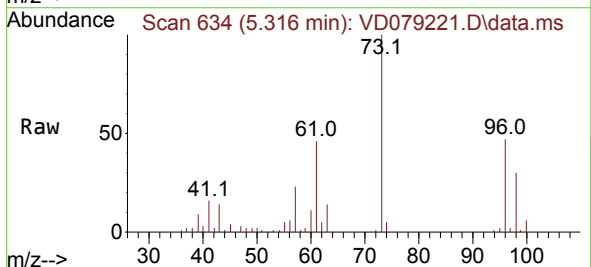
Instrument :
MSVOA_D
ClientSampleId :

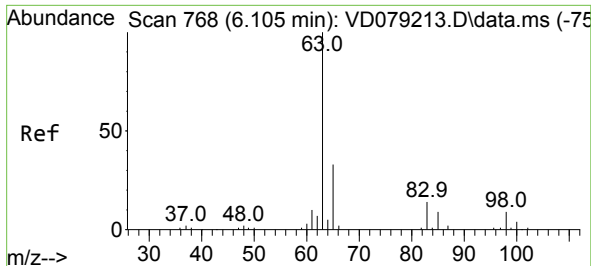
Tgt Ion: 96 Resp: 70740
Ion Ratio Lower Upper
96 100
61 104.2 71.9 133.5
98 60.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 28.704 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 73 Resp: 142815
Ion Ratio Lower Upper
73 100
43 7.8 12.0 18.0#
57 20.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 25.448 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

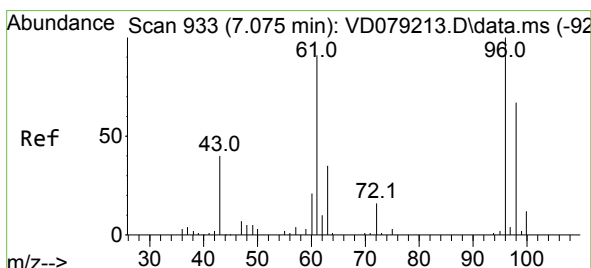
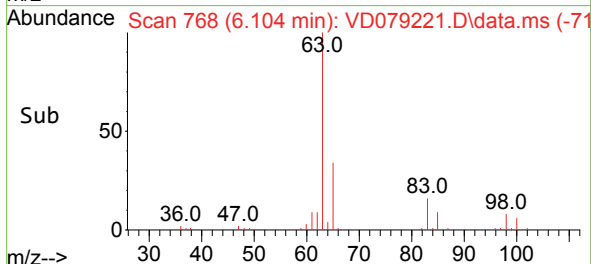
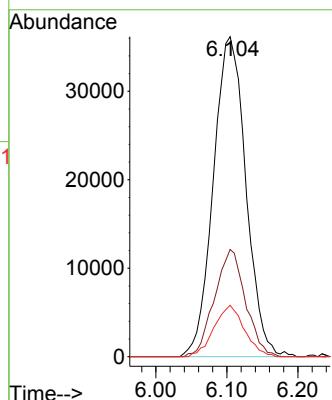
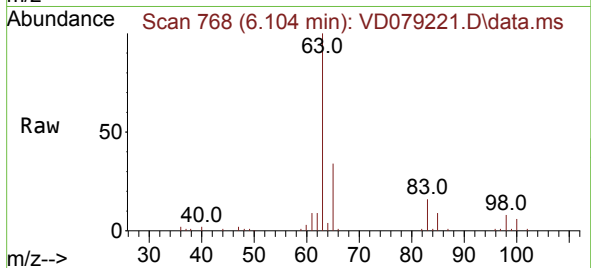
Tgt Ion: 63 Resp: 114938

Ion Ratio Lower Upper

63 100

65 33.5 22.8 42.4

83 16.0 8.6 16.0#



#20

cis-1,2-Dichloroethene

Concen: 26.737 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

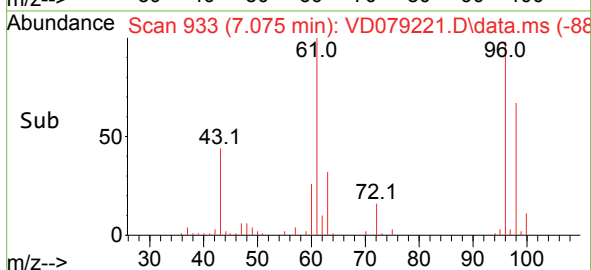
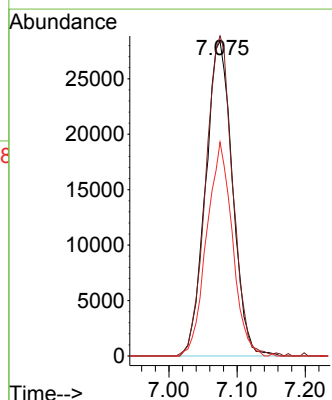
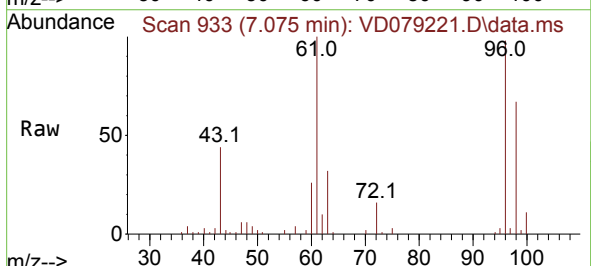
Tgt Ion: 96 Resp: 78100

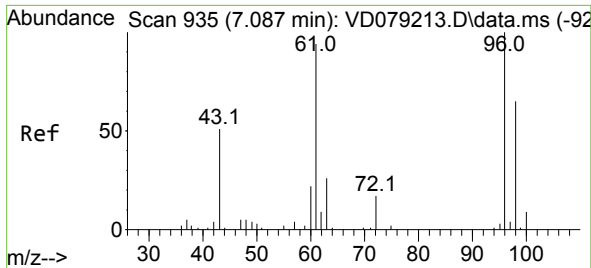
Ion Ratio Lower Upper

96 100

61 101.7 72.6 134.8

98 68.0 43.8 81.3

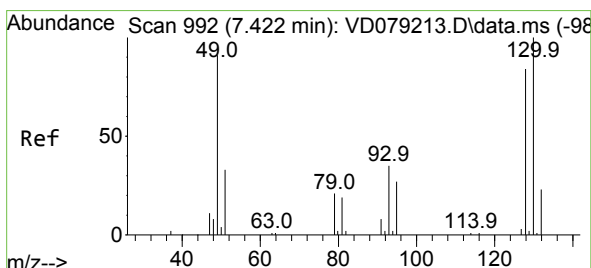
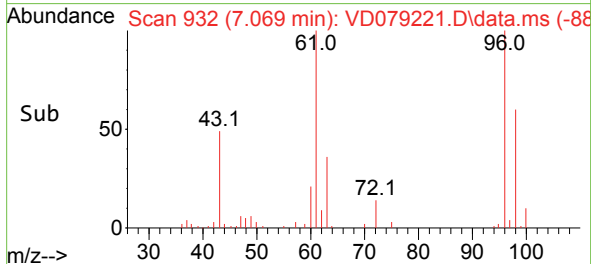
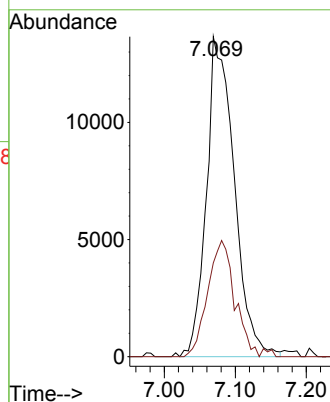
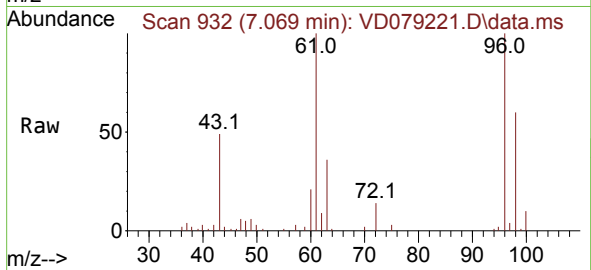




#22
2-Butanone
Concen: 55.390 ug/L
RT: 7.069 min Scan# 911
Delta R.T. -0.018 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

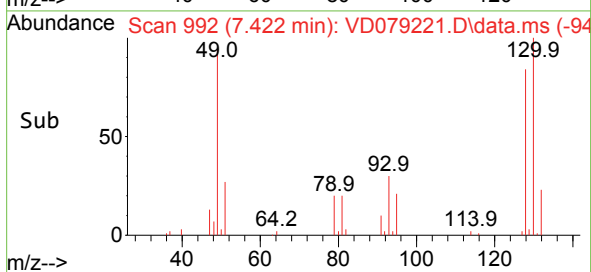
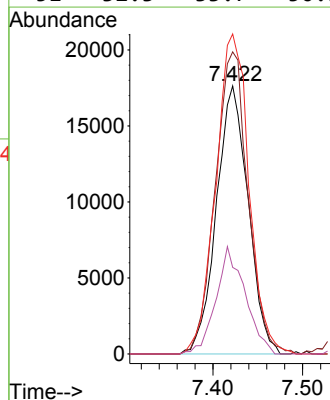
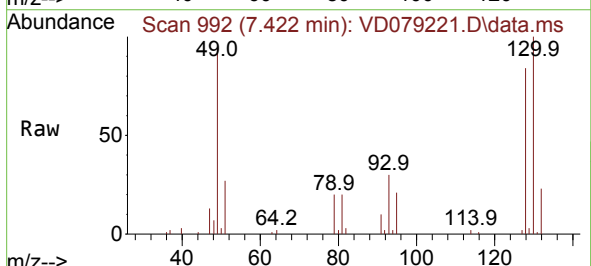
Instrument :
MSVOA_D
ClientSampleId :

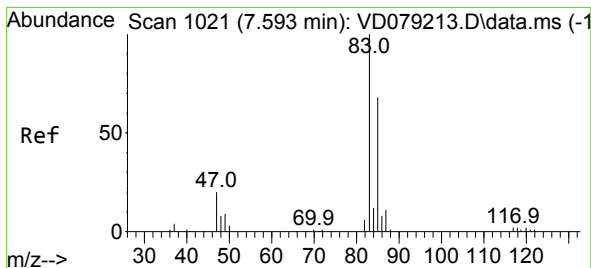
Tgt Ion: 43 Resp: 37165
Ion Ratio Lower Upper
43 100
72 35.2 19.3 57.8



#23
Bromochloromethane
Concen: 29.310 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion:128 Resp: 43406
Ion Ratio Lower Upper
128 100
49 112.7 81.8 151.8
130 119.4 90.4 167.8
51 32.3 33.7 50.5#





#25

Chloroform

Concen: 25.981 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

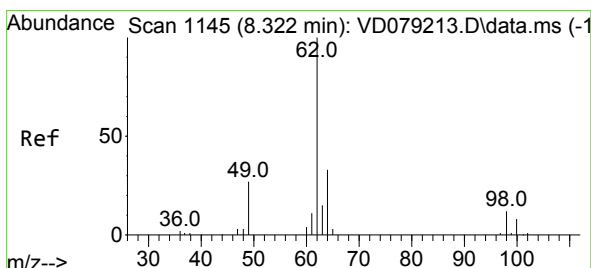
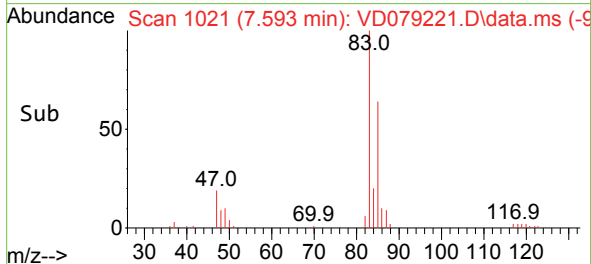
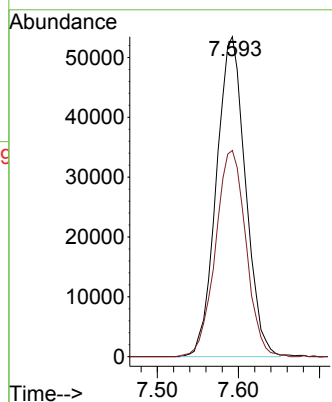
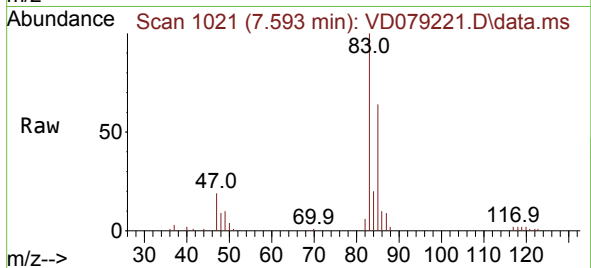
ClientSampleId :

Tgt Ion: 83 Resp: 133230

Ion Ratio Lower Upper

83 100

85 64.4 47.9 89.1



#27

1,2-Dichloroethane

Concen: 27.717 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD079221.D

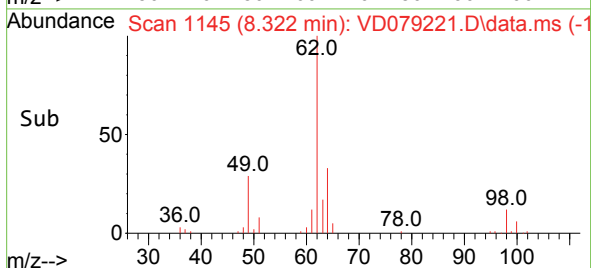
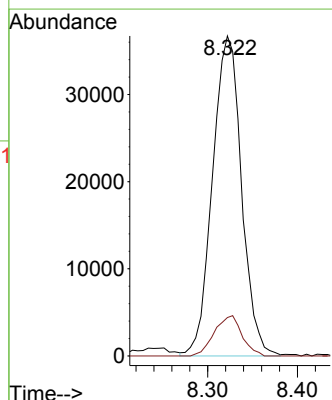
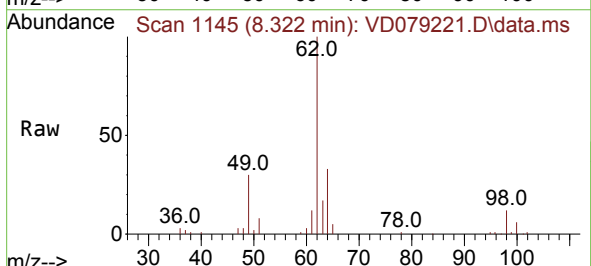
Acq: 20 Jun 2024 17:41

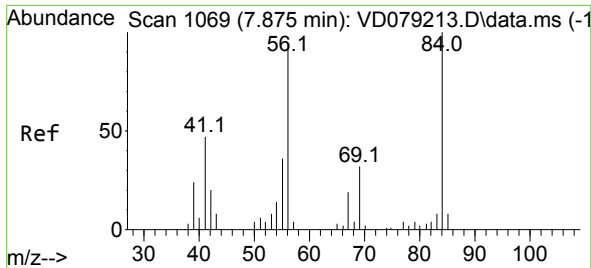
Tgt Ion: 62 Resp: 82507

Ion Ratio Lower Upper

62 100

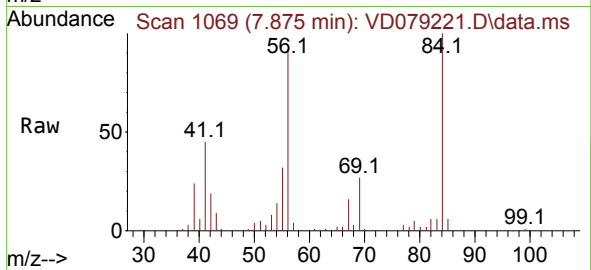
98 12.0 8.2 12.4



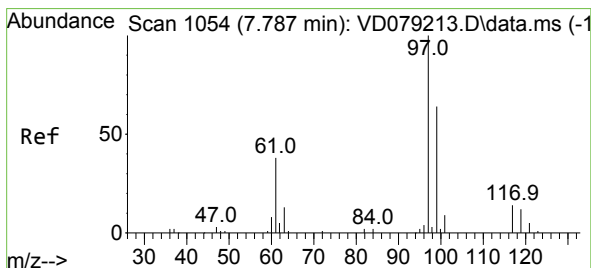
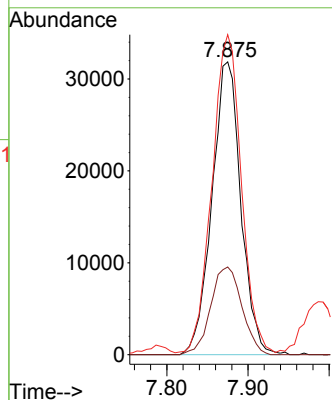
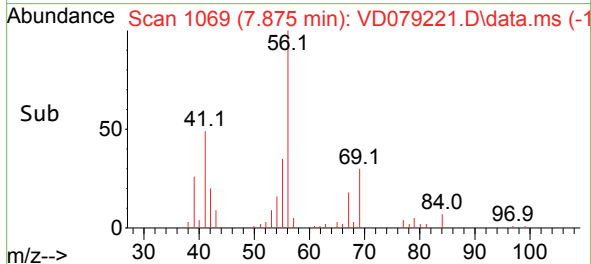


#29
Cyclohexane
Concen: 20.993 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

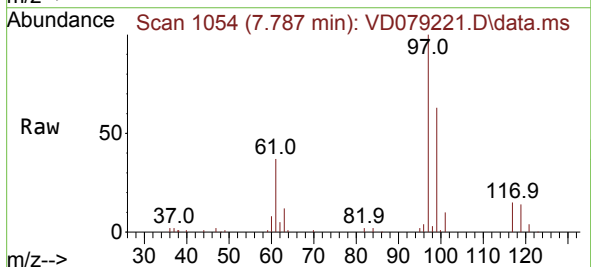
Instrument :
MSVOA_D
ClientSampleId :



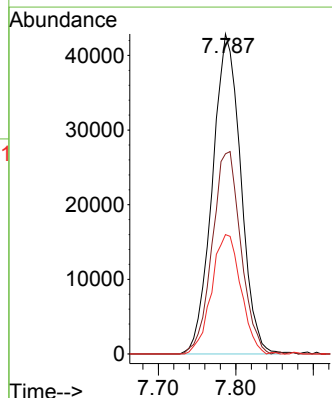
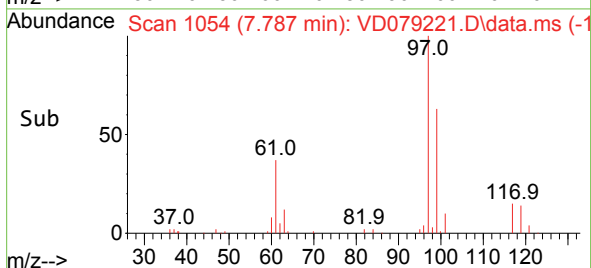
Tgt Ion: 56 Resp: 78834
Ion Ratio Lower Upper
56 100
69 32.2 26.6 40.0
84 111.8 87.5 131.3

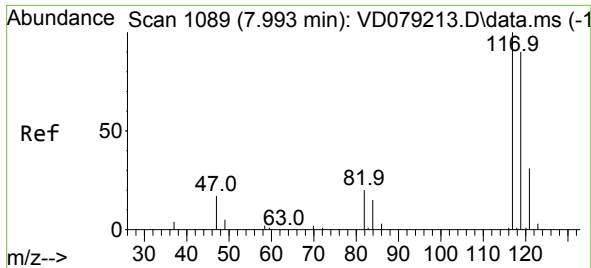


#30
1,1,1-Trichloroethane
Concen: 22.176 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41



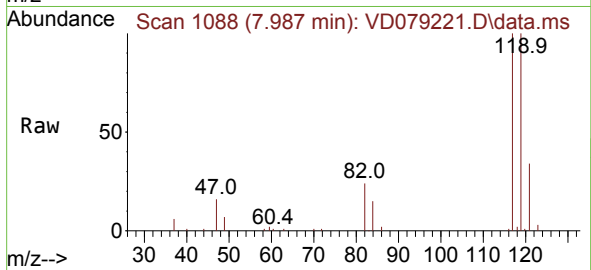
Tgt Ion: 97 Resp: 109280
Ion Ratio Lower Upper
97 100
99 63.7 52.3 78.5
61 38.4 31.7 47.5



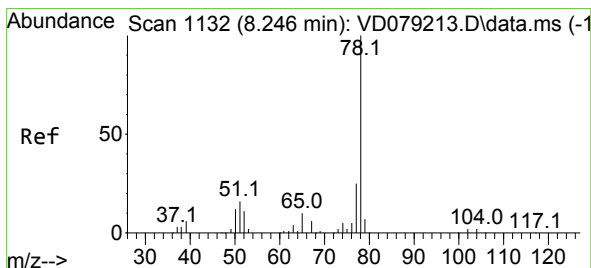
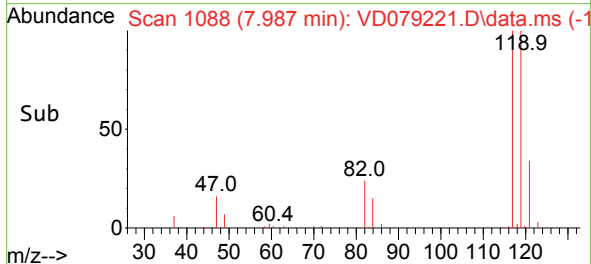
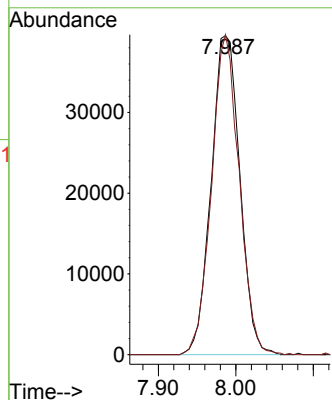


#31
Carbon tetrachloride
Concen: 22.245 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Instrument :
MSVOA_D
ClientSampleId :

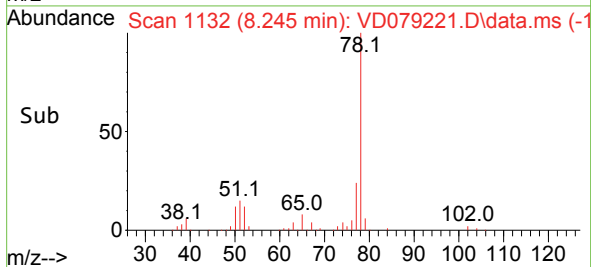
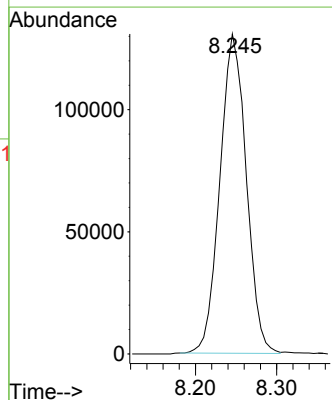
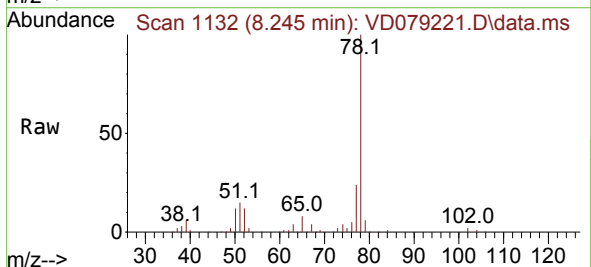


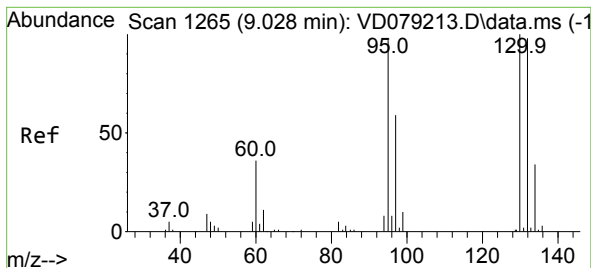
Tgt Ion:117 Resp: 101863
Ion Ratio Lower Upper
117 100
119 96.3 79.6 119.4



#33
Benzene
Concen: 23.790 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 78 Resp: 294915





#34

Trichloroethene

Concen: 22.450 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 71681

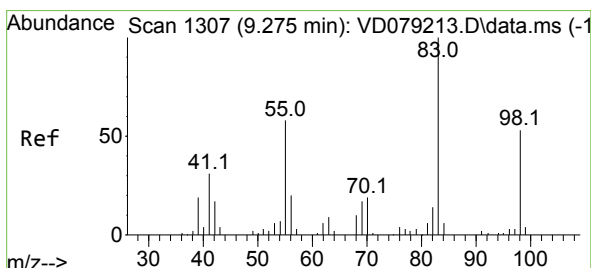
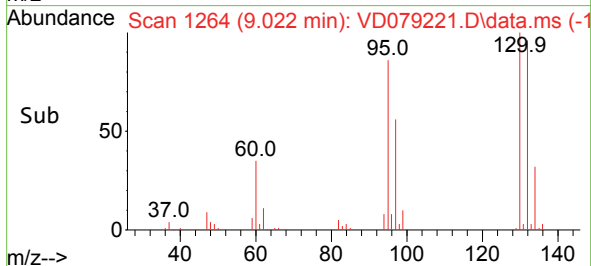
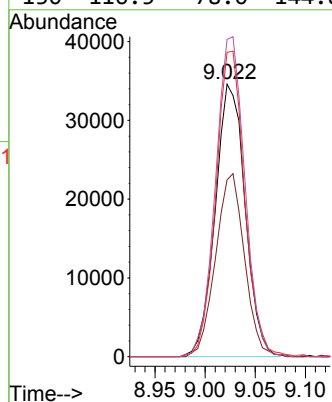
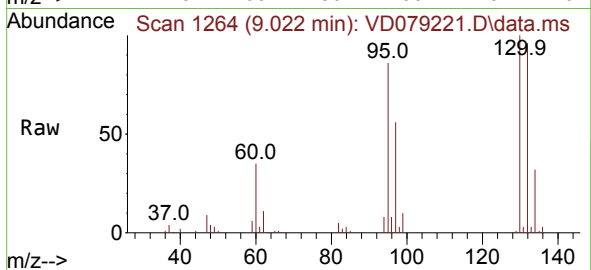
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 111.7 74.9 139.1

130 116.5 78.0 144.8



#35

Methylcyclohexane

Concen: 20.865 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

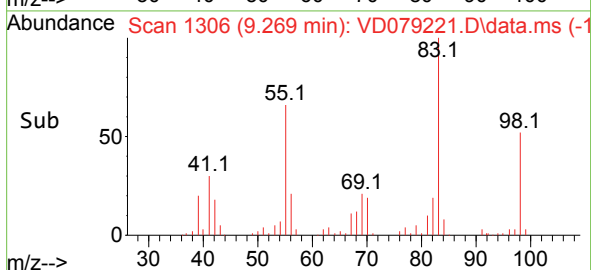
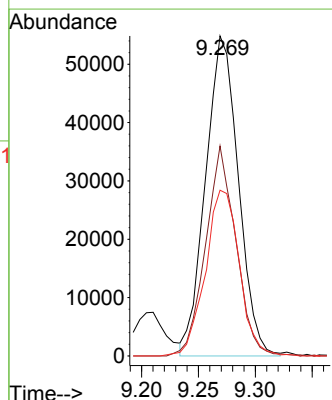
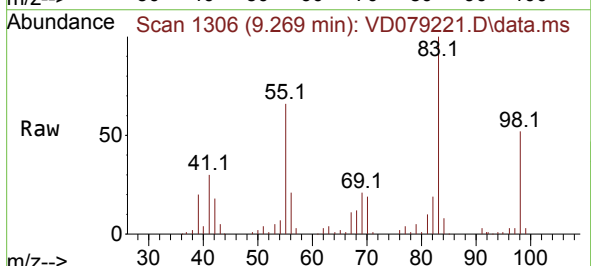
Tgt Ion: 83 Resp: 110384

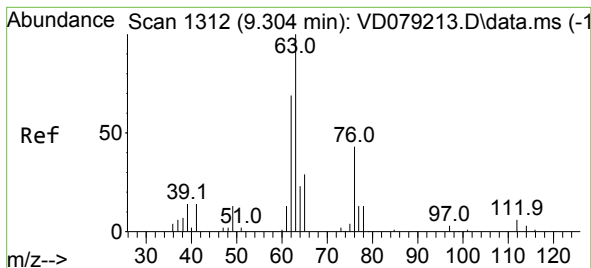
Ion Ratio Lower Upper

83 100

55 60.3 48.6 72.8

98 53.3 40.2 60.2





#37

1,2-Dichloropropane

Concen: 24.726 ug/L

RT: 9.298 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

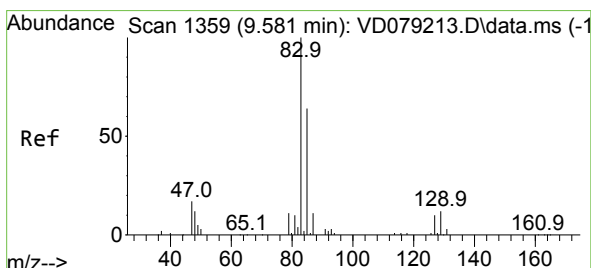
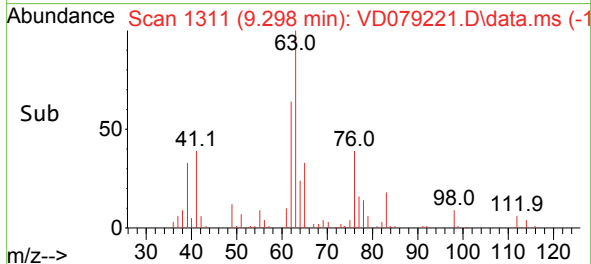
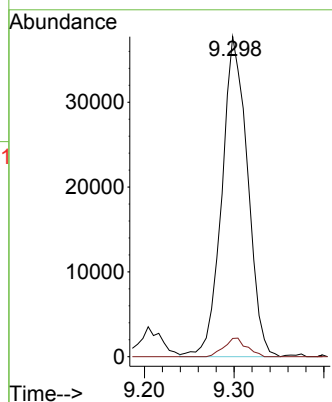
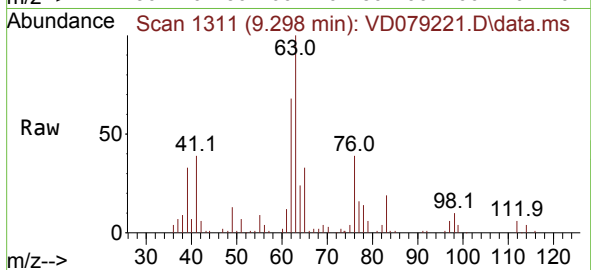
ClientSampleId :

Tgt Ion: 63 Resp: 75078

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 24.502 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

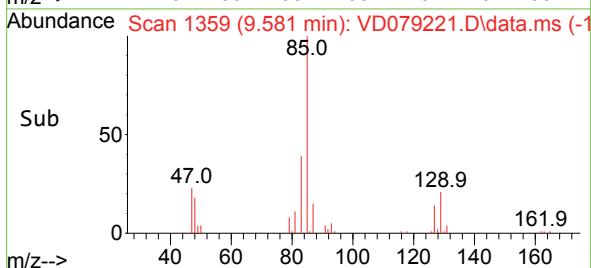
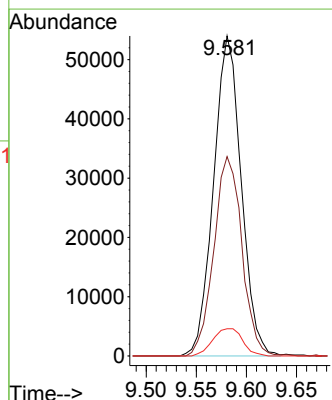
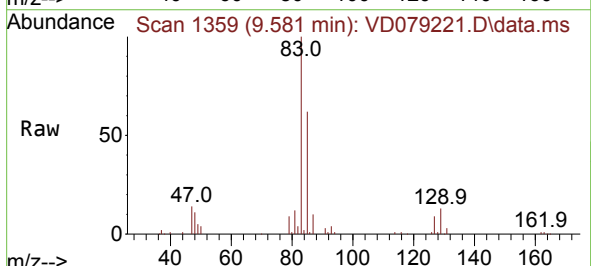
Tgt Ion: 83 Resp: 103425

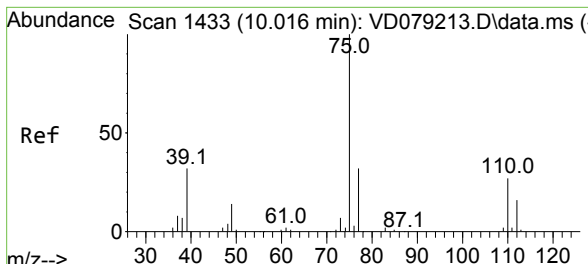
Ion Ratio Lower Upper

83 100

85 62.3 46.5 86.5

127 8.5 7.0 10.6



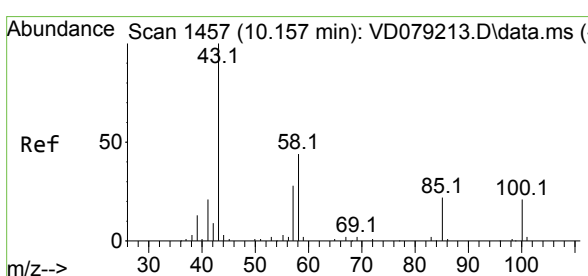
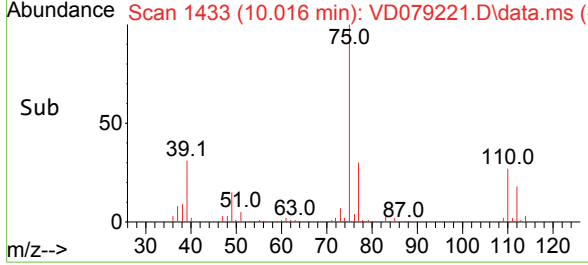
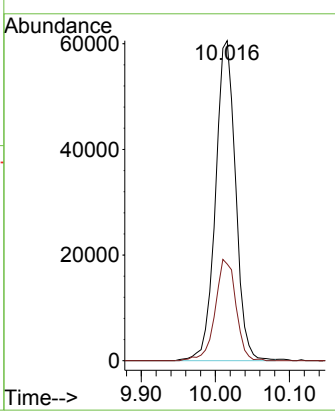
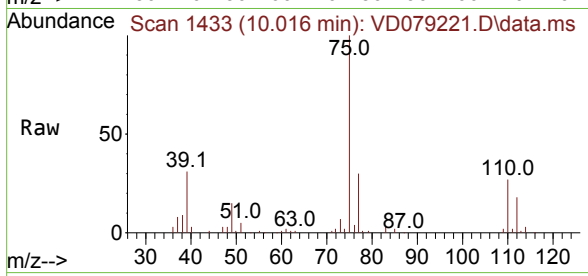


#39
 cis-1,3-Dichloropropene
 Concen: 24.072 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 114101

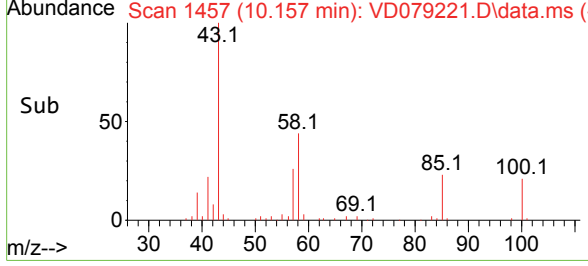
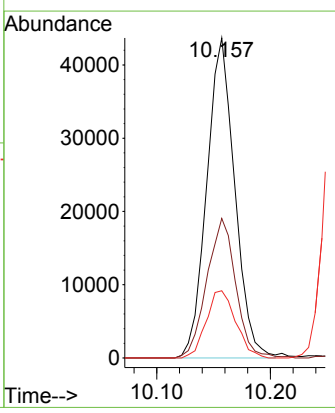
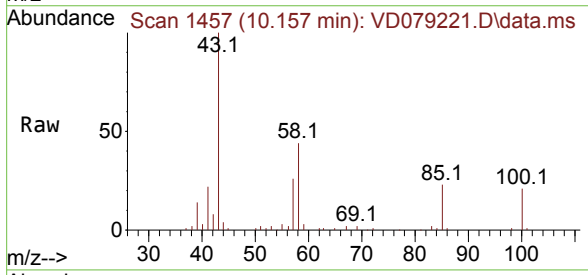
Ion	Ratio	Lower	Upper
75	100		
77	30.2	23.4	43.4

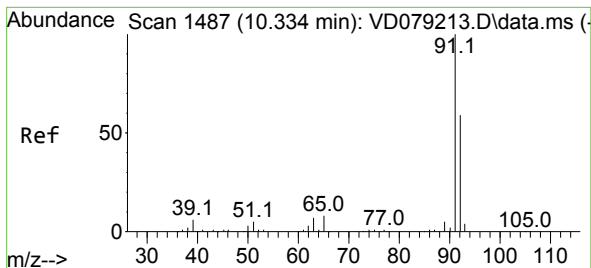


#40
 4-Methyl-2-pentanone
 Concen: 58.961 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41

Tgt Ion: 43 Resp: 74736

Ion	Ratio	Lower	Upper
43	100		
58	45.0	34.0	51.0
100	22.2	16.9	25.3





#42

Toluene

Concen: 24.168 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

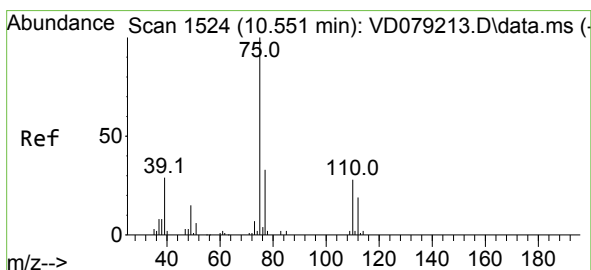
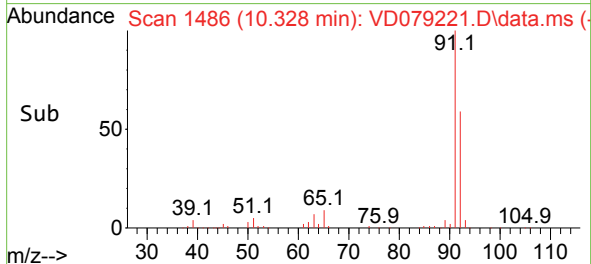
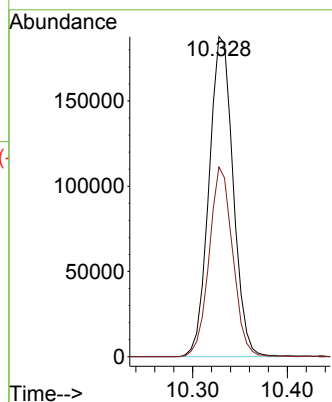
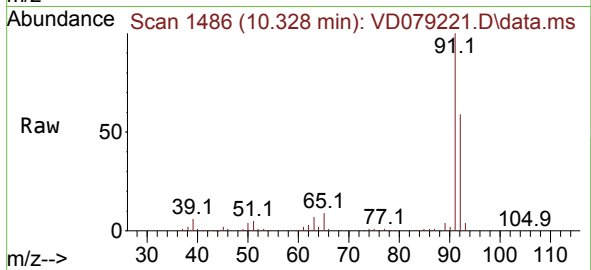
ClientSampleId :

Tgt Ion: 91 Resp: 332681

Ion Ratio Lower Upper

91 100

92 59.3 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 28.484 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079221.D

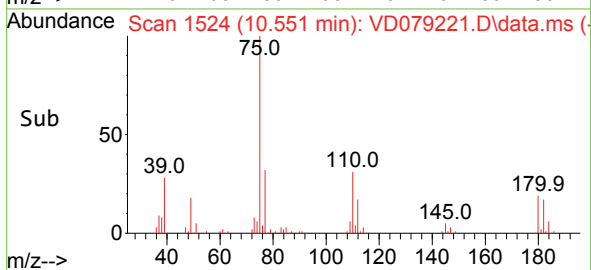
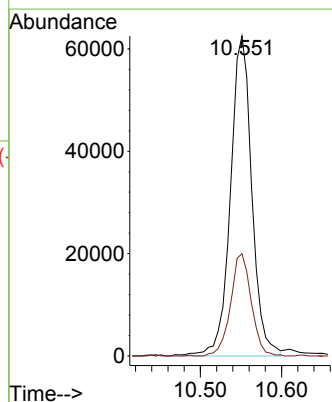
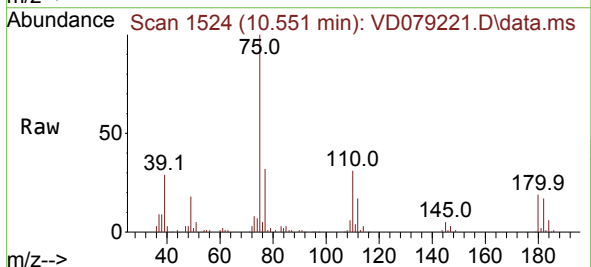
Acq: 20 Jun 2024 17:41

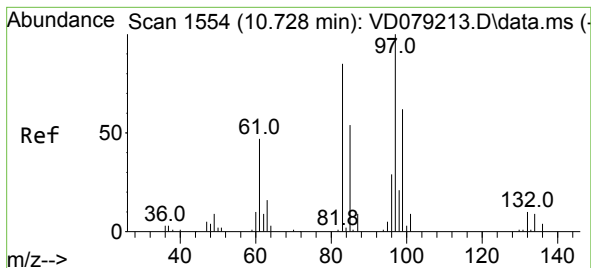
Tgt Ion: 75 Resp: 114172

Ion Ratio Lower Upper

75 100

77 32.0 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.463 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

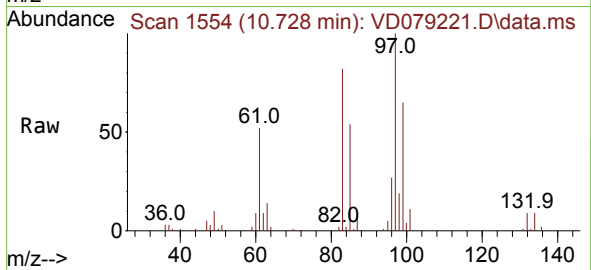
Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 70493

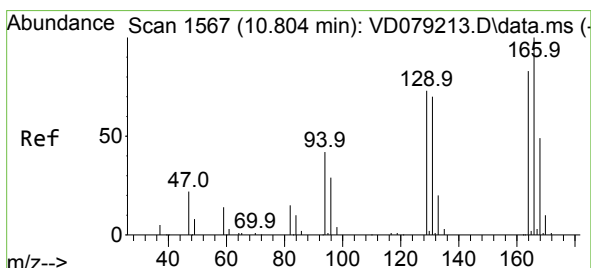
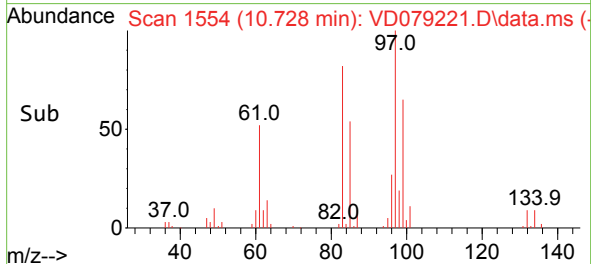
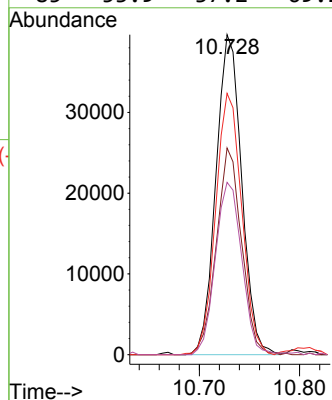
Ion Ratio Lower Upper

97 100

99 64.6 43.0 79.8

83 81.6 58.9 109.5

85 53.9 37.2 69.2



#46

Tetrachloroethene

Concen: 22.896 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Tgt Ion:164 Resp: 64369

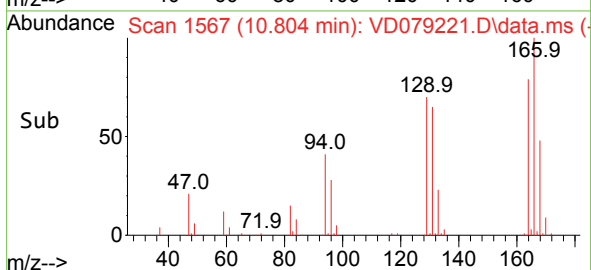
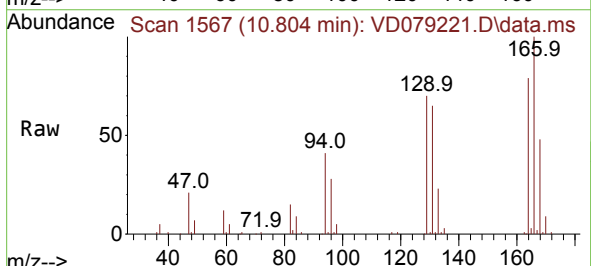
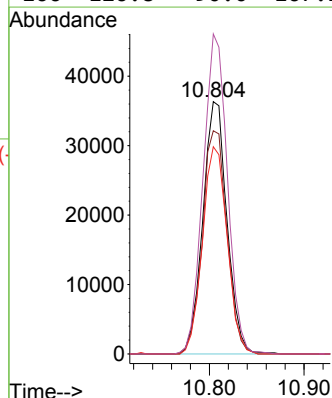
Ion Ratio Lower Upper

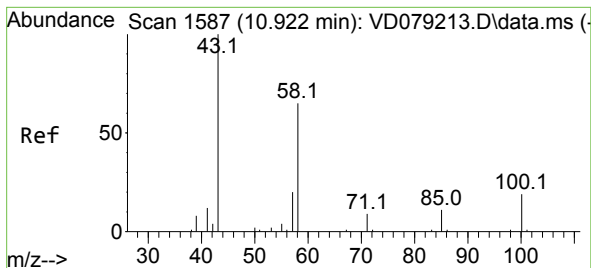
164 100

129 88.4 64.3 119.5

131 82.1 61.2 113.8

166 126.8 90.0 167.2





#48

2-Hexanone

Concen: 54.258 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

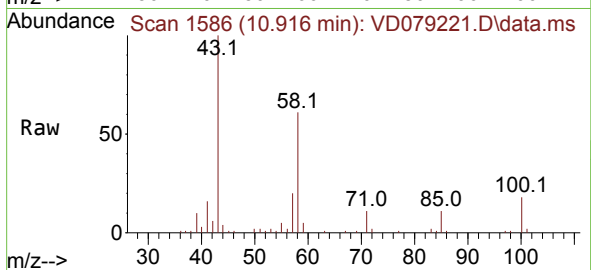
Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 59512

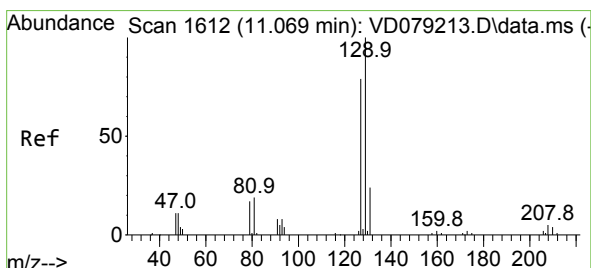
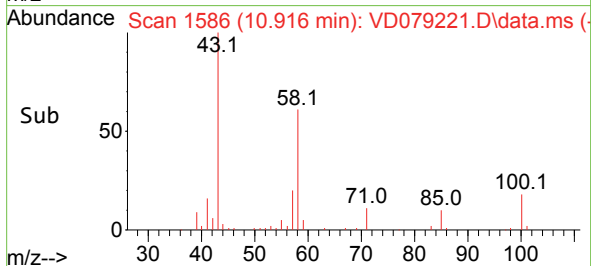
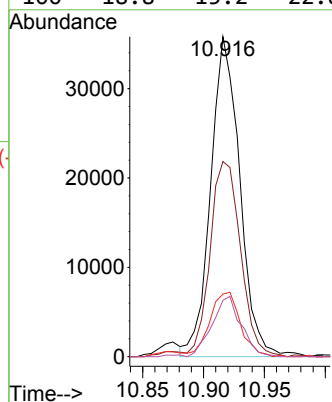
Ion Ratio Lower Upper

43 100

58 63.7 50.1 75.1

57 21.1 16.5 24.7

100 18.8 15.2 22.8



#49

Dibromochloromethane

Concen: 26.209 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079221.D

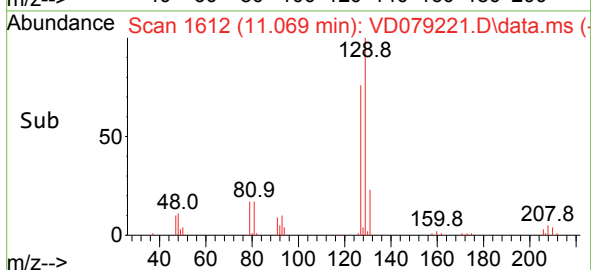
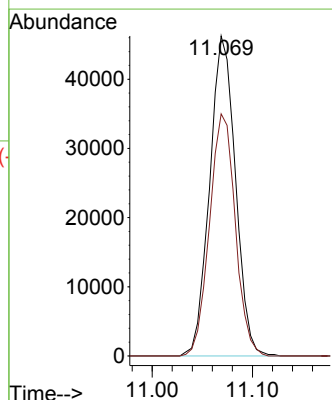
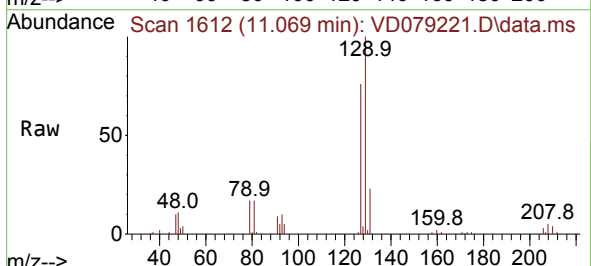
Acq: 20 Jun 2024 17:41

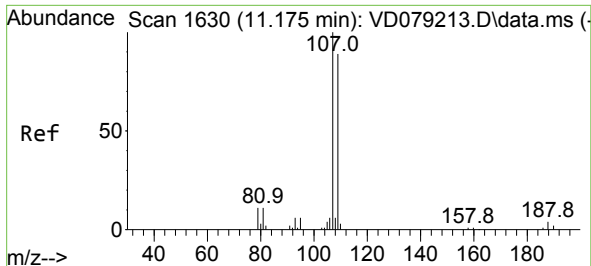
Tgt Ion: 129 Resp: 82678

Ion Ratio Lower Upper

129 100

127 75.6 56.4 104.7

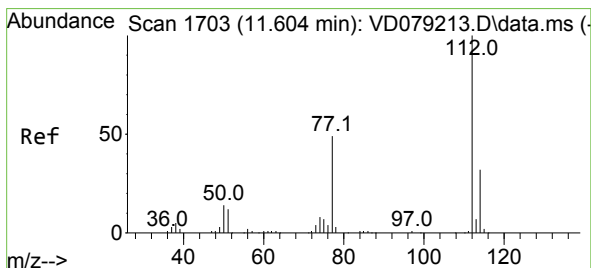
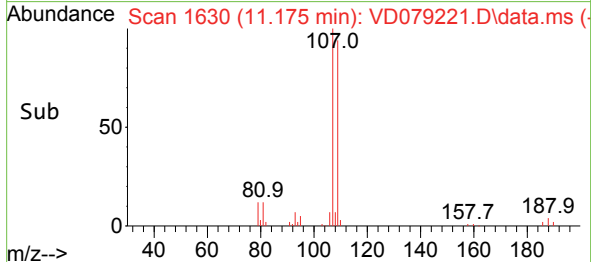
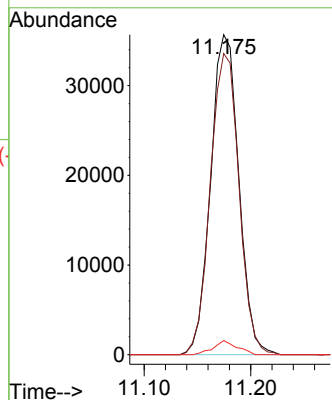
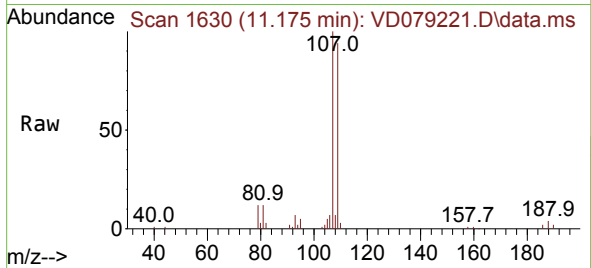




#50
1,2-Dibromoethane
Concen: 26.727 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

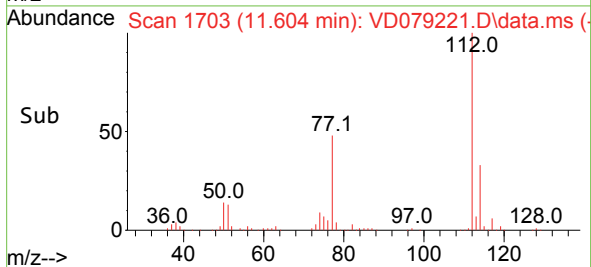
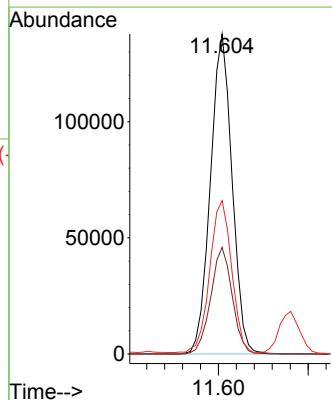
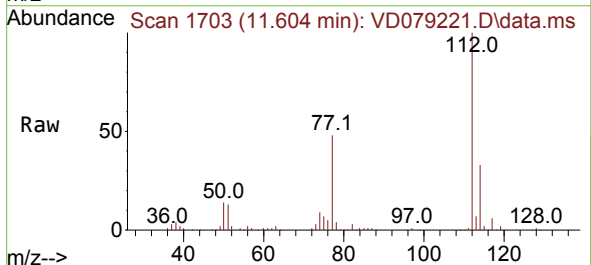
Instrument :
MSVOA_D
ClientSampleId :

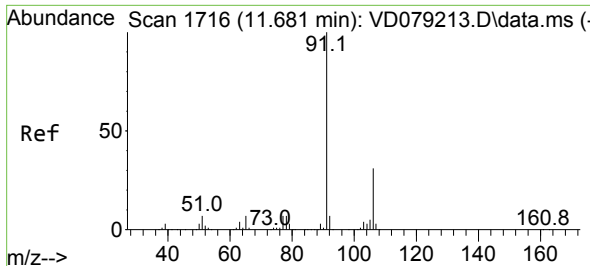
Tgt Ion:107 Resp: 65434
Ion Ratio Lower Upper
107 100
109 94.1 64.5 119.7
188 4.4 2.6 3.8#



#51
Chlorobenzene
Concen: 25.166 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion:112 Resp: 230499
Ion Ratio Lower Upper
112 100
114 33.3 22.7 42.3
77 47.9 38.4 57.6

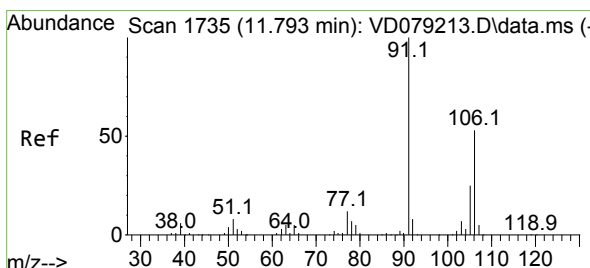
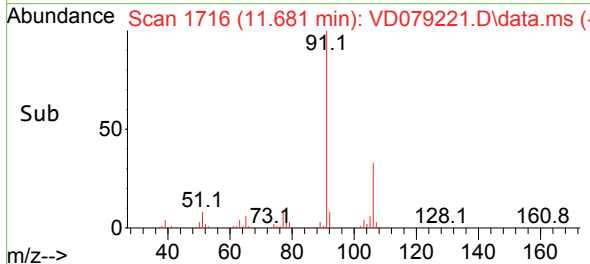
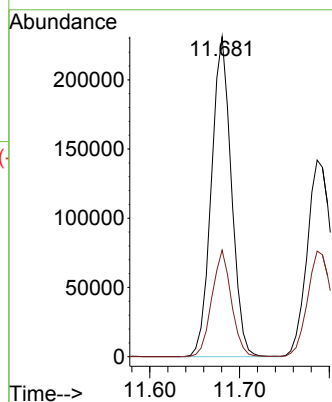
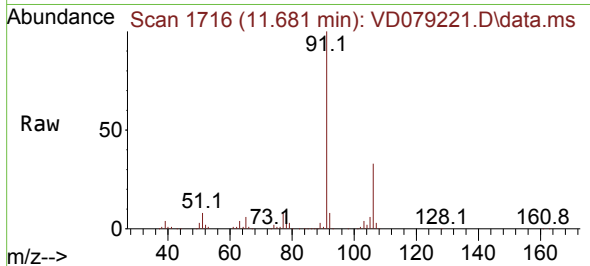




#52
Ethylbenzene
Concen: 24.895 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

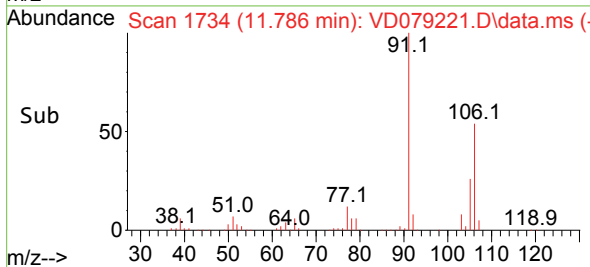
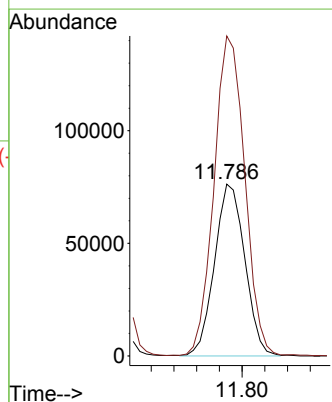
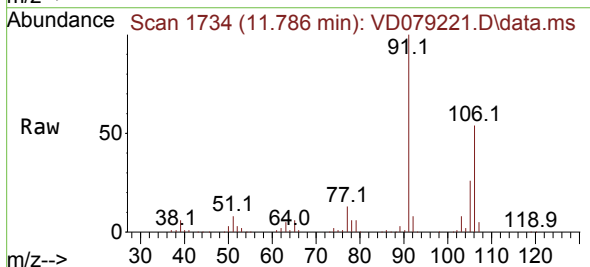
Instrument :
MSVOA_D
ClientSampleId :

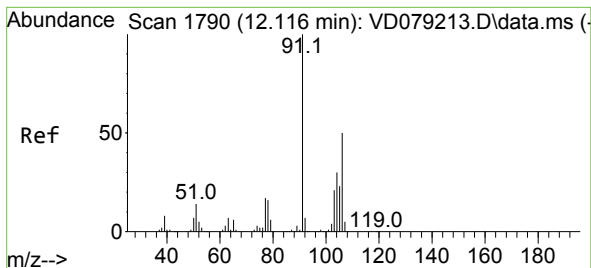
Tgt Ion: 91 Resp: 357461
Ion Ratio Lower Upper
91 100
106 33.3 22.3 41.5



#53
m,p-Xylene
Concen: 25.091 ug/L
RT: 11.786 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 106 Resp: 141349
Ion Ratio Lower Upper
106 100
91 186.2 133.1 247.1





#54

o-Xylene

Concen: 25.308 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

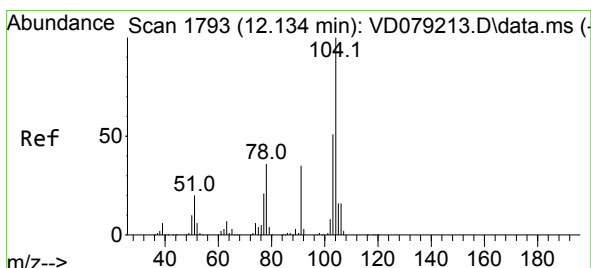
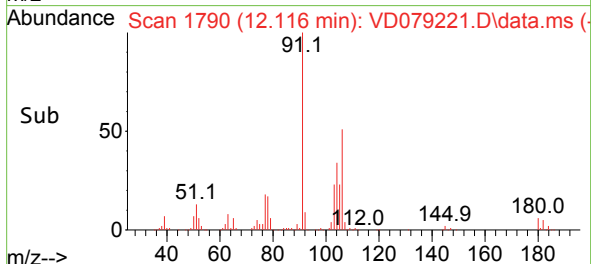
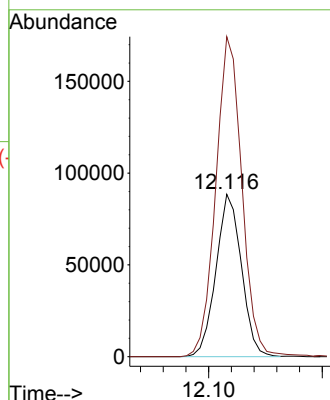
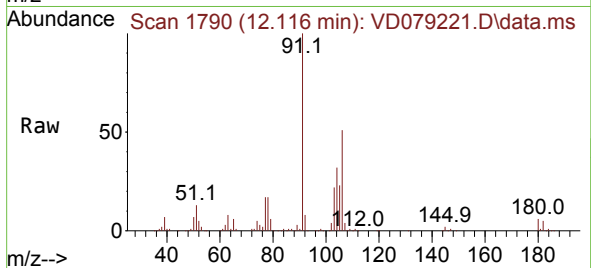
ClientSampleId :

Tgt Ion:106 Resp: 137744

Ion Ratio Lower Upper

106 100

91 196.9 132.9 246.9



#55

Styrene

Concen: 26.930 ug/L

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079221.D

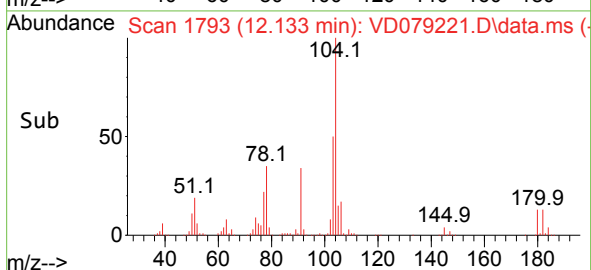
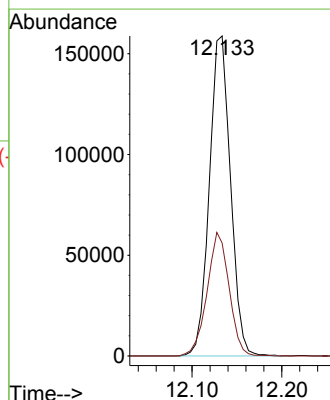
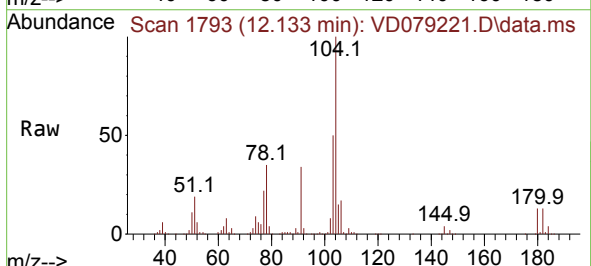
Acq: 20 Jun 2024 17:41

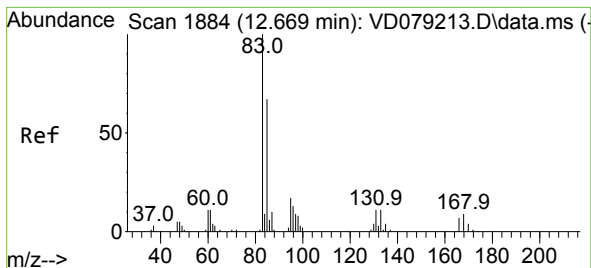
Tgt Ion:104 Resp: 259887

Ion Ratio Lower Upper

104 100

78 35.3 27.8 51.6

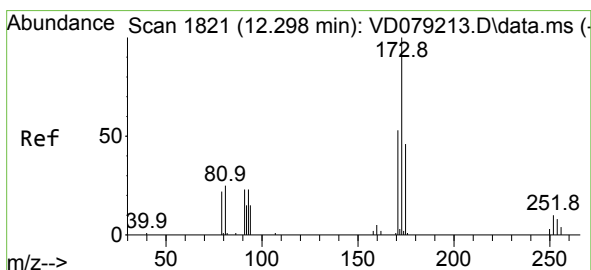
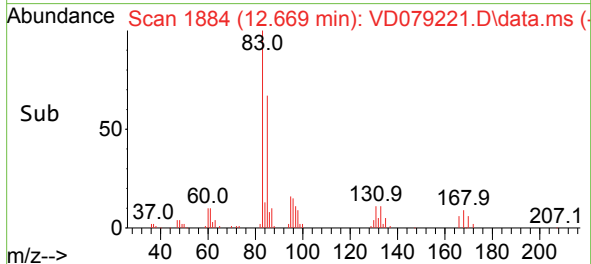
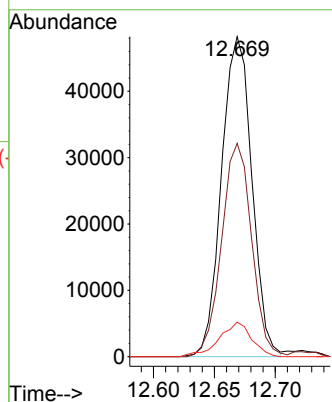
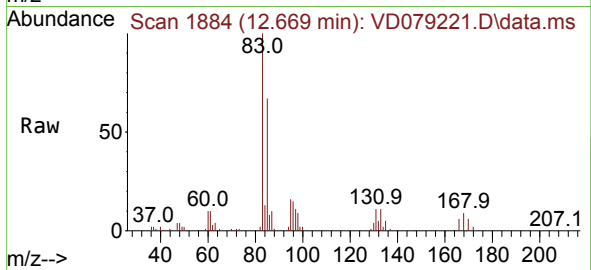




#57
1,1,2,2-Tetrachloroethane
Concen: 28.047 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

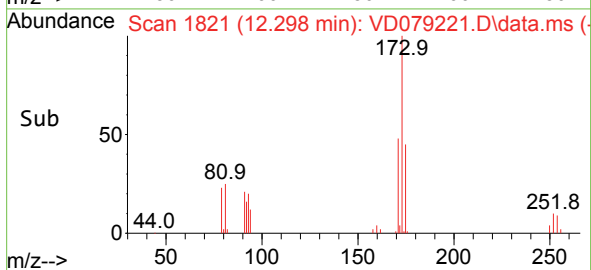
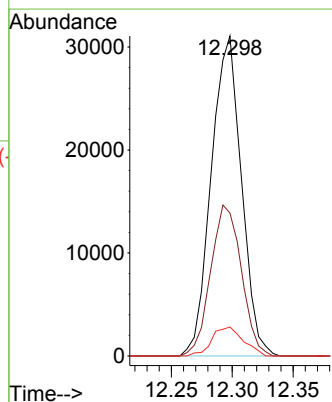
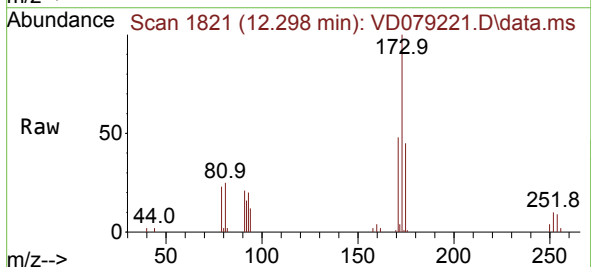
Instrument :
MSVOA_D
ClientSampleId :

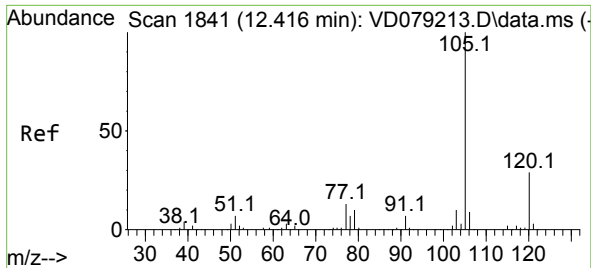
Tgt Ion: 83 Resp: 83632
Ion Ratio Lower Upper
83 100
85 66.6 47.5 88.1
131 10.8 8.6 13.0



#59
Bromoform
Concen: 28.075 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion:173 Resp: 53534
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.4
254 9.5 7.0 10.6

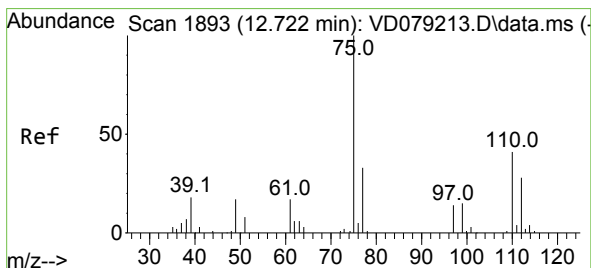
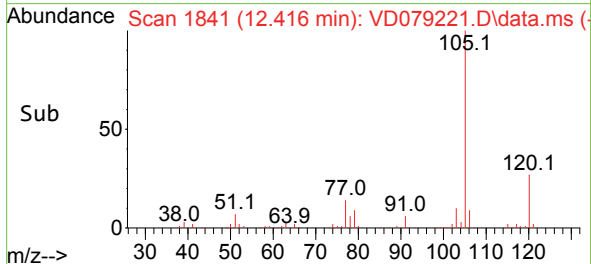
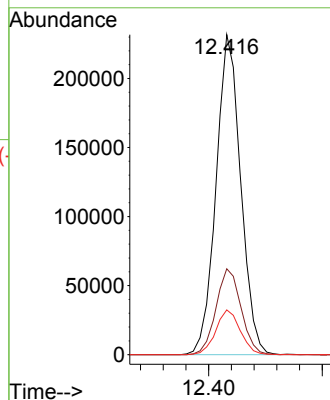
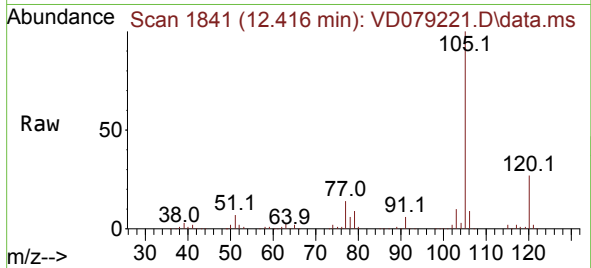




#60
Isopropylbenzene
Concen: 25.367 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

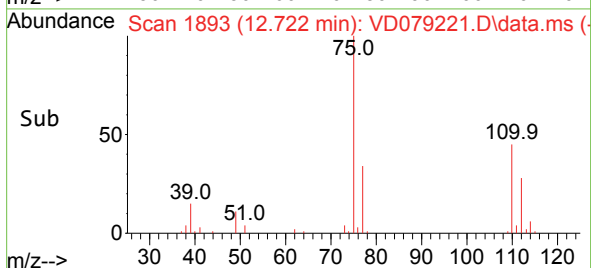
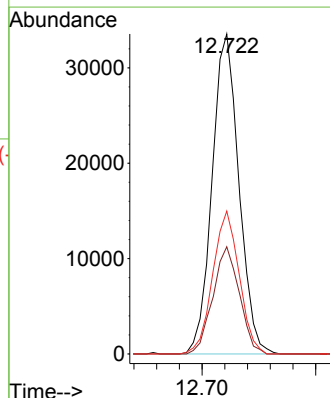
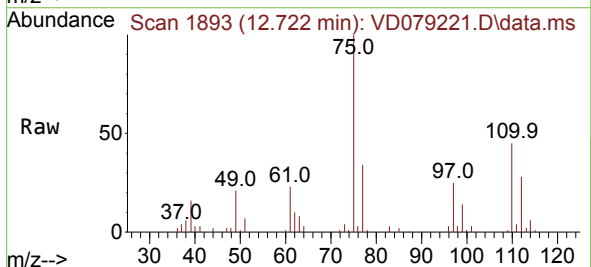
Instrument :
MSVOA_D
ClientSampleId :

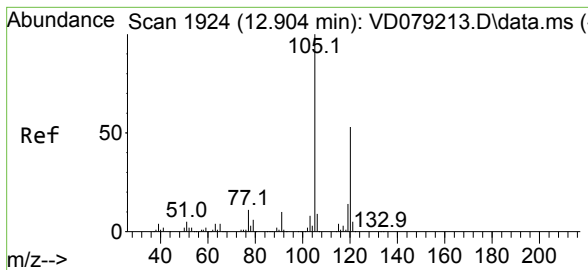
Tgt Ion:105 Resp: 348967
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 13.9 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 29.940 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

Tgt Ion: 75 Resp: 54995
Ion Ratio Lower Upper
75 100
77 33.1 25.9 38.9
110 44.1 34.2 51.4

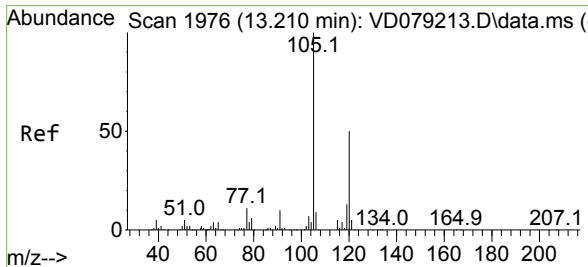
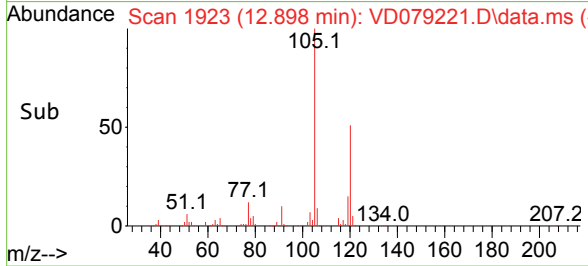
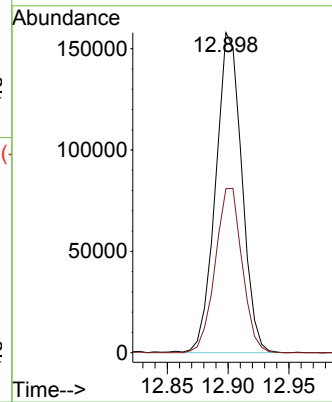
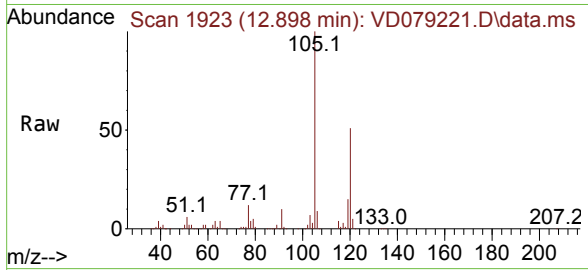




#62
1,3,5-Trimethylbenzene
Concen: 25.115 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

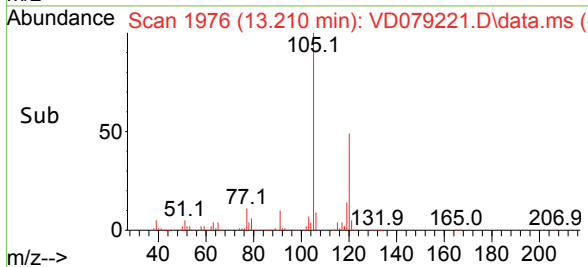
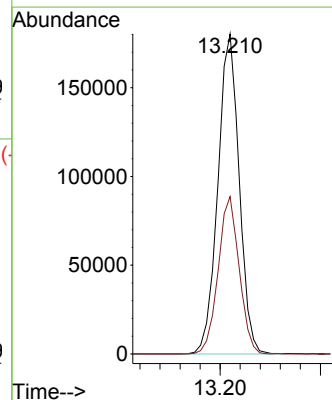
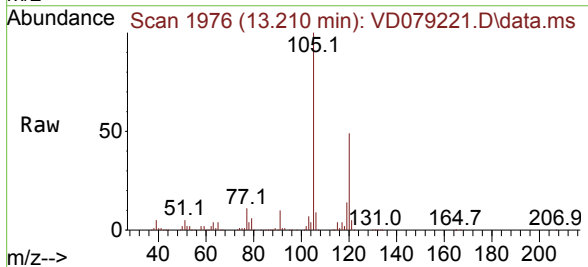
Instrument :
MSVOA_D
ClientSampleId :

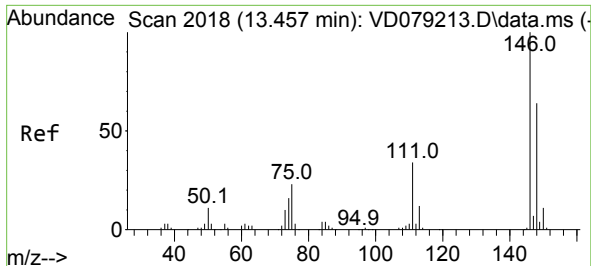
Tgt Ion:105 Resp: 236227
Ion Ratio Lower Upper
105 100
120 52.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.412 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

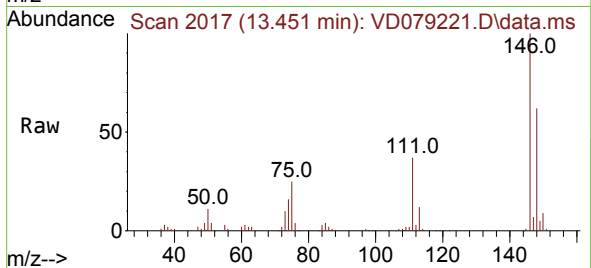
Tgt Ion:105 Resp: 265715
Ion Ratio Lower Upper
105 100
120 48.5 38.0 57.0



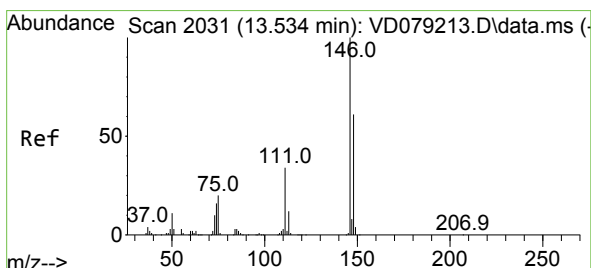
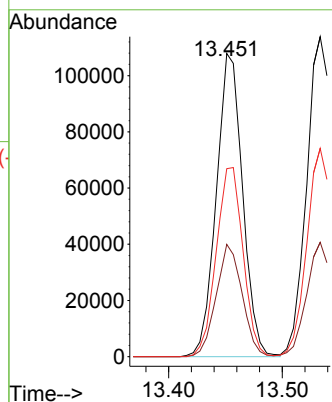
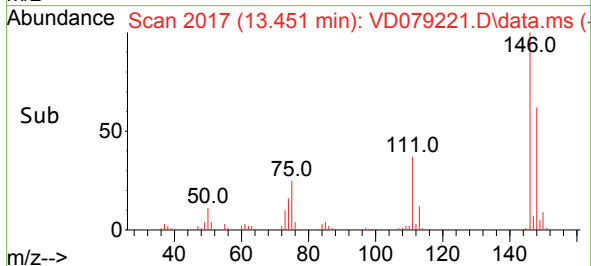


#64
 1,3-Dichlorobenzene
 Concen: 26.281 ug/L
 RT: 13.451 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41

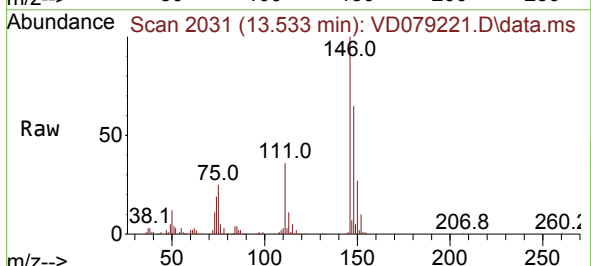
Instrument :
 MSVOA_D
 ClientSampleId :



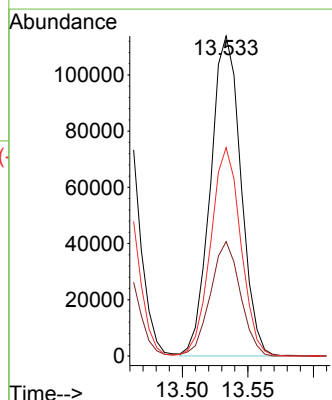
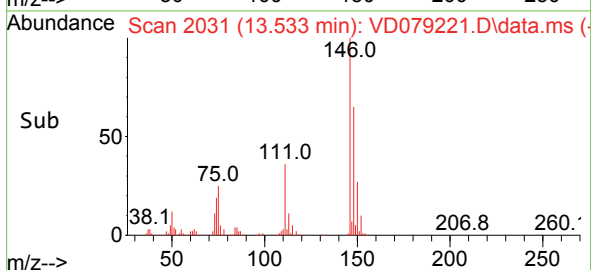
Tgt Ion:146 Resp: 173684
 Ion Ratio Lower Upper
 146 100
 111 37.0 24.4 45.4
 148 62.0 44.9 83.3

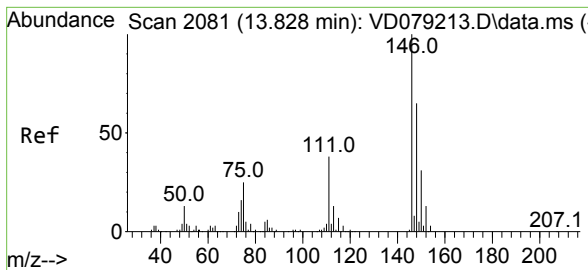


#65
 1,4-Dichlorobenzene
 Concen: 26.256 ug/L
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079221.D
 Acq: 20 Jun 2024 17:41



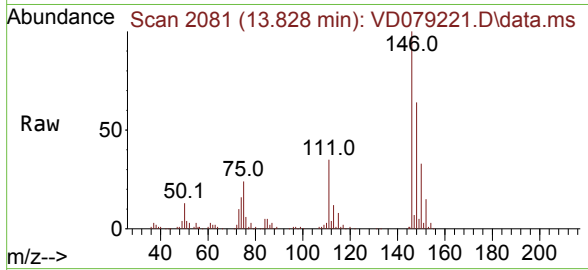
Tgt Ion:146 Resp: 183856
 Ion Ratio Lower Upper
 146 100
 111 35.8 26.3 48.9
 148 65.1 43.1 80.1



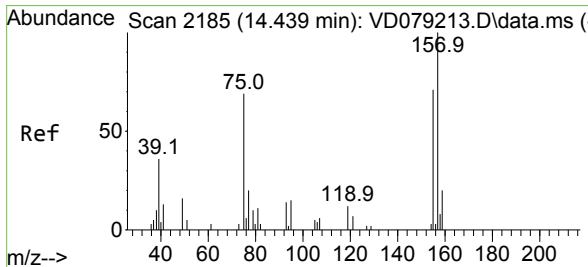
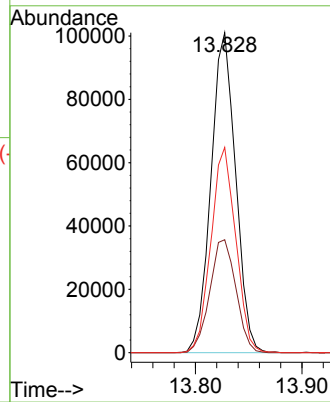
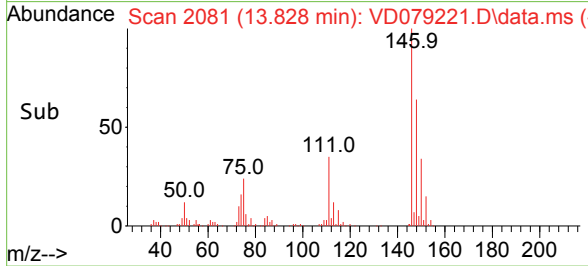


#67
1,2-Dichlorobenzene
Concen: 26.645 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

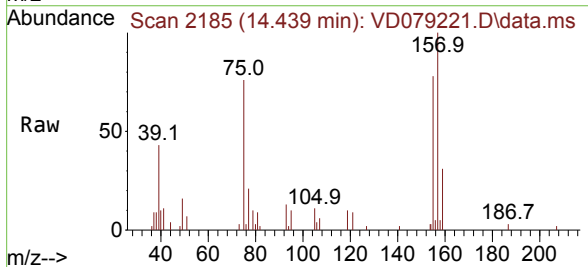
Instrument :
MSVOA_D
ClientSampleId :



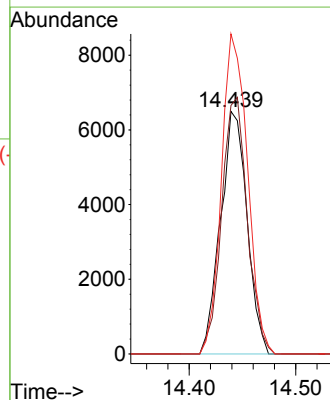
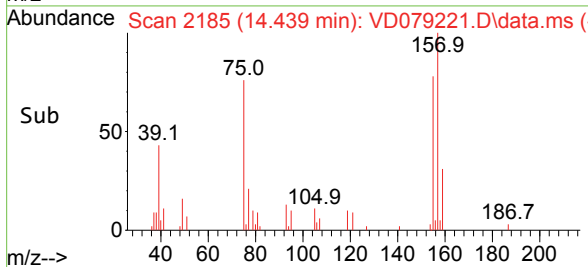
Tgt Ion:146 Resp: 162781
Ion Ratio Lower Upper
146 100
111 35.3 29.1 43.7
148 64.1 51.2 76.8

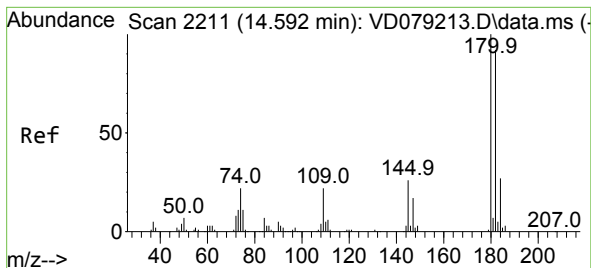


#68
1,2-Dibromo-3-chloropropane
Concen: 29.651 ug/L
RT: 14.439 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41



Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
155 102.4 68.1 102.1#
157 132.0 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 25.496 ug/L

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

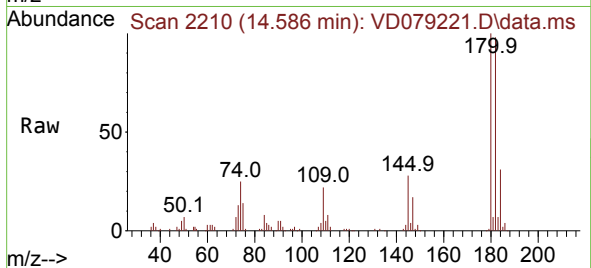
Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 106271

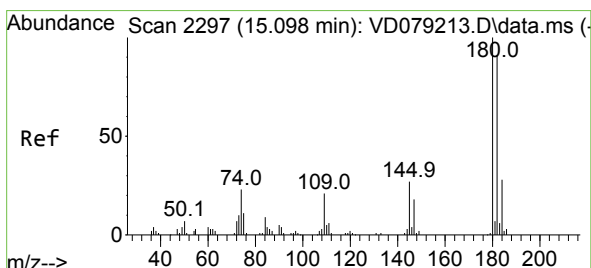
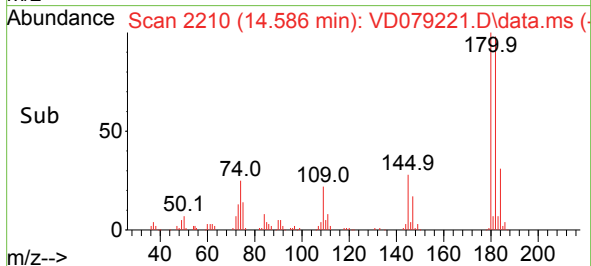
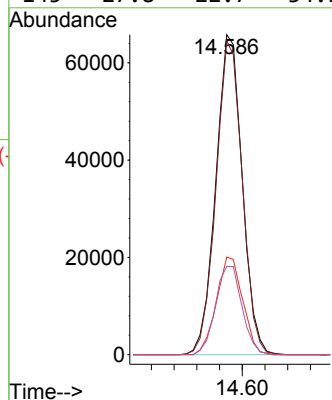
Ion Ratio Lower Upper

180 100

182 97.1 76.9 115.3

184 30.3 23.3 34.9

145 27.8 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.788 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079221.D

Acq: 20 Jun 2024 17:41

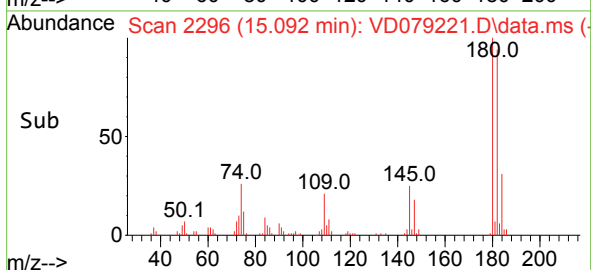
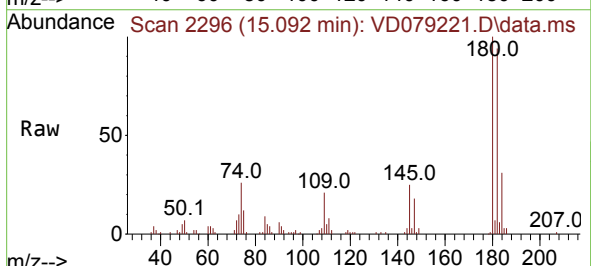
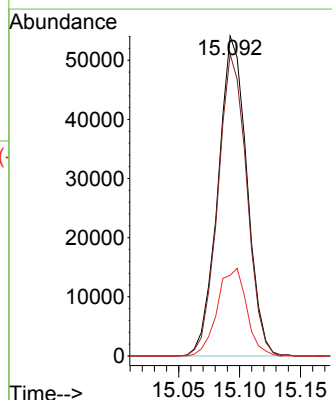
Tgt Ion:180 Resp: 89269

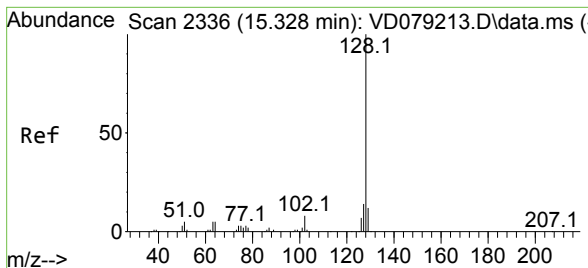
Ion Ratio Lower Upper

180 100

182 94.2 73.8 110.6

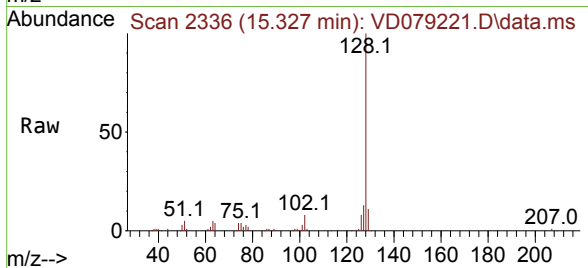
145 27.7 22.3 33.5



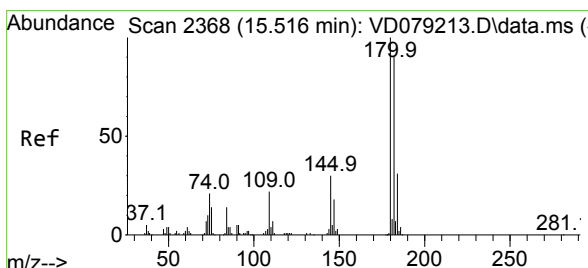
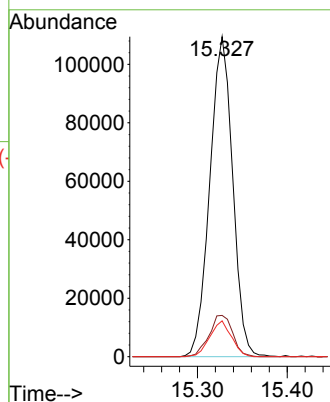
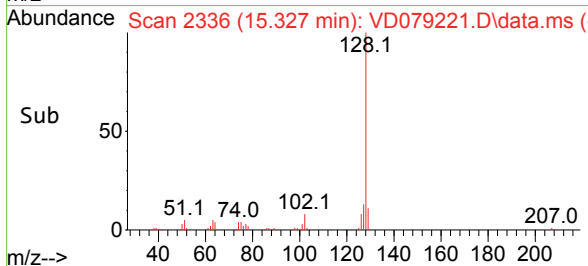


#71
Naphthalene
Concen: 29.885 ug/L
RT: 15.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41

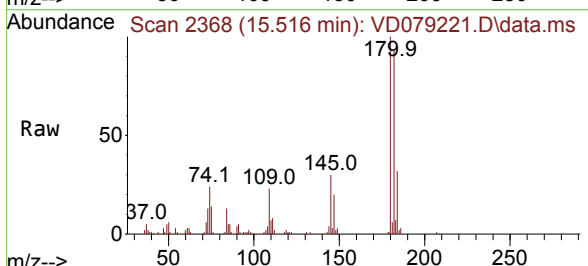
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 193472
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 29.193 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079221.D
Acq: 20 Jun 2024 17:41



Tgt Ion:180 Resp: 87341
Ion Ratio Lower Upper
180 100
182 95.5 79.4 119.2
145 29.1 24.7 37.1

