

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079088.D
 Acq On : 30 May 2024 11:36
 Operator : RP/MD
 Sample : P2586-08
 Misc : 5.52G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	141359	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	49228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	88340	17.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.840%
7) Chloroethane-d5	2.799	69	95759	19.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.280%
11) 1,1-Dichloroethene-d2	3.917	65	15485	17.241	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.960%
21) 2-Butanone-d5	6.987	46	13753	35.540	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.080%
24) Chloroform-d	7.563	84	90288	19.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.560%
26) 1,2-Dichloroethane-d4	8.228	65	44823	21.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.205	84	178911	22.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	9.210	67	50020	22.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.640%
41) Toluene-d8	10.269	98	149519	20.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.522	79	21288	22.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.875	63	12297	42.139	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	39360	19.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	31594	18.596	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37150	14.274	ug/L	96
3) Chloromethane	2.146	50	57157	16.477	ug/L	97
5) Vinyl chloride	2.281	62	86596	15.125	ug/L	97
6) Bromomethane	2.693	94	69620	15.751	ug/L	95
8) Chloroethane	2.834	64	68876	16.413	ug/L	98
9) Trichlorofluoromethane	3.175	101	62900	14.422	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	36613	13.999	ug/L	98
12) 1,1-Dichloroethene	3.940	96	32720	14.370	ug/L	94
13) Acetone	4.028	43	10087	18.005	ug/L	96
14) Carbon disulfide	4.269	76	119681	15.068	ug/L	99
15) Methyl Acetate	4.558	43	6958	9.115	ug/L	97
16) Methylene chloride	4.793	84	31442	10.733	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	39551	16.073	ug/L	98
18) Methyl tert-butyl Ether	5.311	73	42304	9.694	ug/L #	64
19) 1,1-Dichloroethane	6.116	63	67601	17.064	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	44083	17.205	ug/L	93
22) 2-Butanone	7.081	43	14779	25.111	ug/L	73
23) Bromochloromethane	7.422	128	24104	18.556	ug/L	94
25) Chloroform	7.593	83	76681	17.048	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

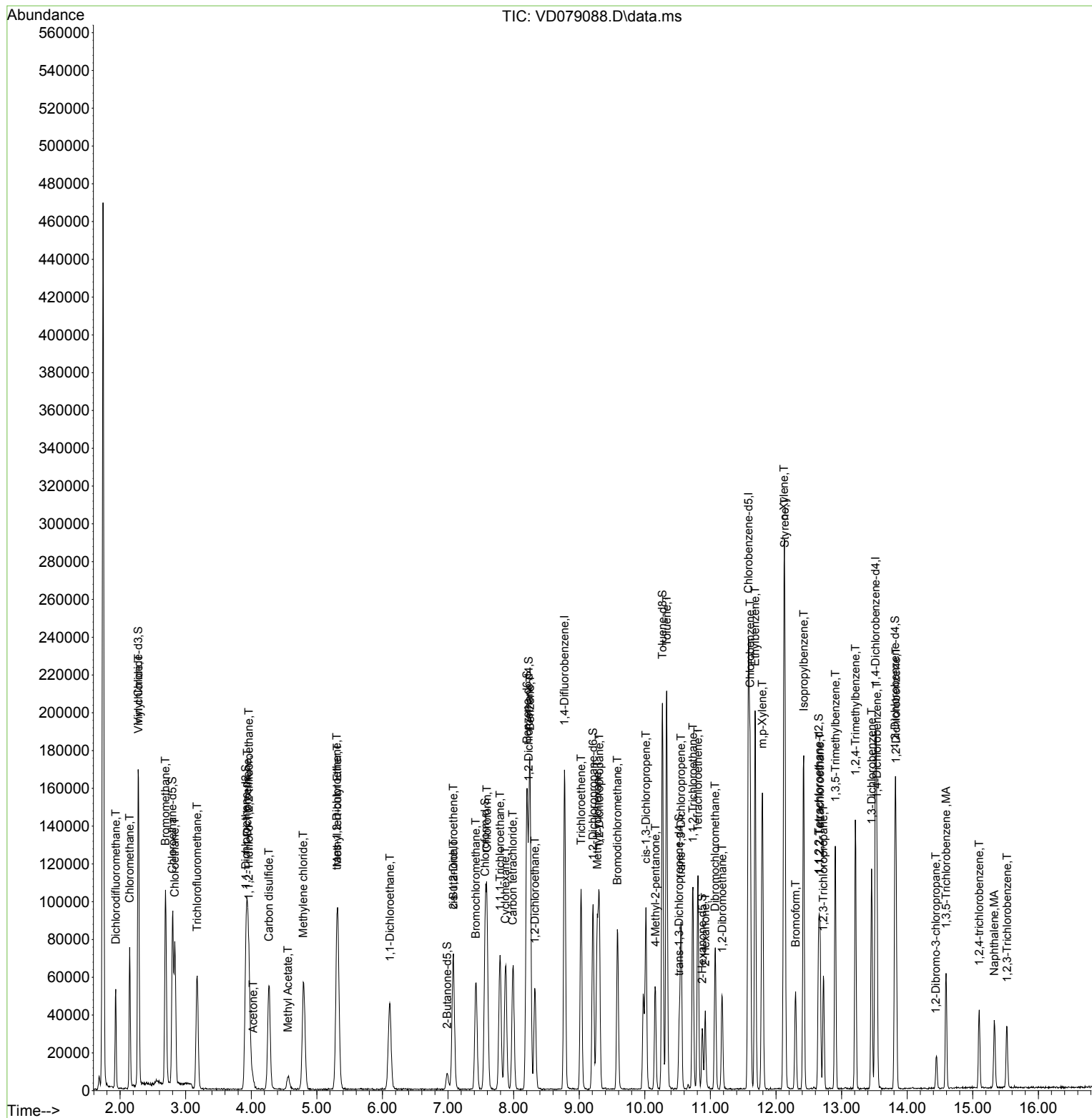
27) 1,2-Dichloroethane	8.322	62	46722	17.894	ug/L	97
29) Cyclohexane	7.875	56	20718	8.123	ug/L #	46
30) 1,1,1-Trichloroethane	7.793	97	60324	18.025	ug/L	99
31) Carbon tetrachloride	7.987	117	53084	17.069	ug/L	93
33) Benzene	8.252	78	169217	20.099	ug/L	100
34) Trichloroethene	9.028	95	37048	17.085	ug/L	94
35) Methylcyclohexane	9.275	83	34875	9.706	ug/L	99
37) 1,2-Dichloropropane	9.304	63	40012	19.402	ug/L	98
38) Bromodichloromethane	9.581	83	57318	19.994	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	59961	18.626	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	33248	38.621	ug/L	93
42) Toluene	10.334	91	166509	17.810	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	53562	19.675	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	36808	20.345	ug/L	97
46) Tetrachloroethene	10.810	164	26706	13.987	ug/L	99
48) 2-Hexanone	10.922	43	23102	31.012	ug/L	97
49) Dibromochloromethane	11.069	129	40010	18.675	ug/L	92
50) 1,2-Dibromoethane	11.181	107	33605	20.211	ug/L	100
51) Chlorobenzene	11.604	112	99897	16.059	ug/L	95
52) Ethylbenzene	11.681	91	143136	14.678	ug/L	99
53) m,p-Xylene	11.793	106	56076	14.656	ug/L	98
54) o-Xylene	12.122	106	56719	15.344	ug/L	99
55) Styrene	12.134	104	99795	15.226	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	37274	18.405	ug/L	96
59) Bromoform	12.298	173	24129	26.743	ug/L	99
60) Isopropylbenzene	12.422	105	119164	18.307	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	24570	28.270	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	72567	16.305	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	78401	16.470	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	49858	15.944	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	52446	15.829	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	47401	16.397	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	4635	25.942	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	21239	10.769	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	14816	9.045	ug/L	98
71) Naphthalene	15.328	128	34272	11.188	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	12678	8.956	ug/L	92

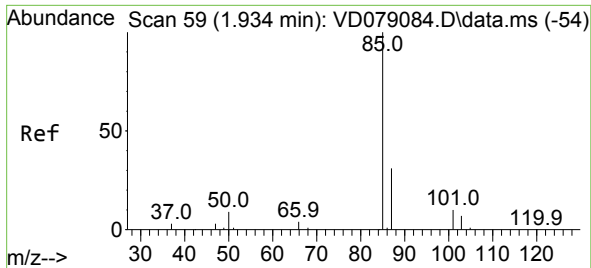
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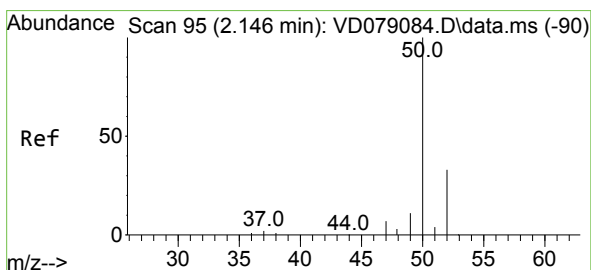
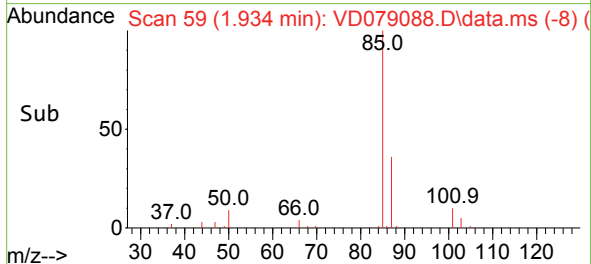
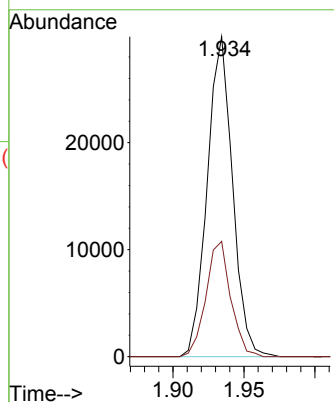
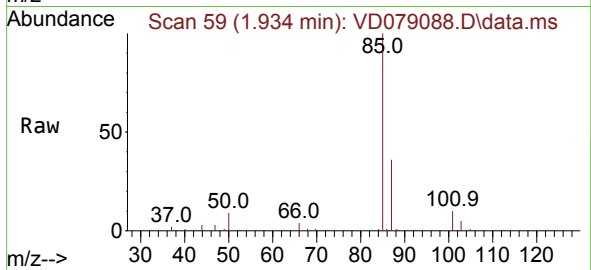




#2
 Dichlorodifluoromethane
 Concen: 14.274 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

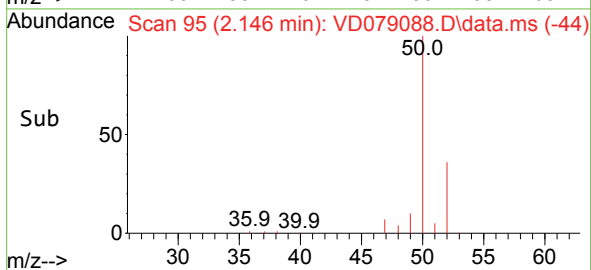
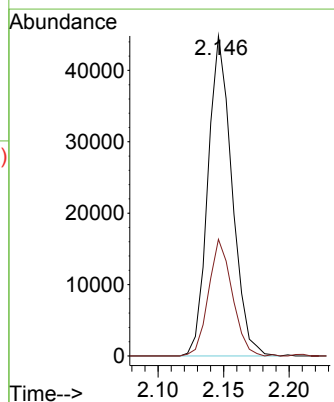
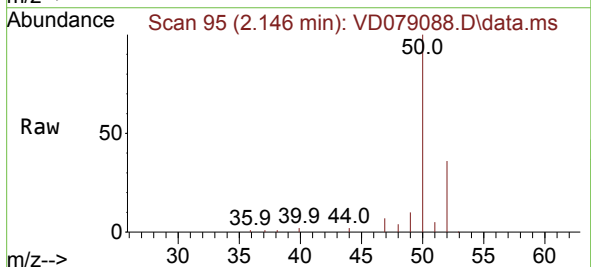
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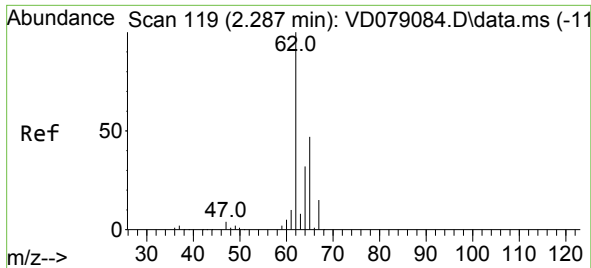
Tgt Ion: 85 Resp: 37150
 Ion Ratio Lower Upper
 85 100
 87 35.3 26.2 39.4



#3
 Chloromethane
 Concen: 16.477 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion: 50 Resp: 57157
 Ion Ratio Lower Upper
 50 100
 52 36.4 24.4 45.2

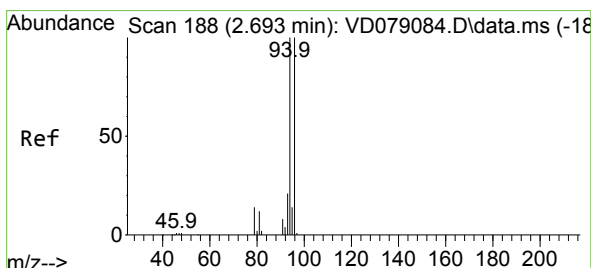
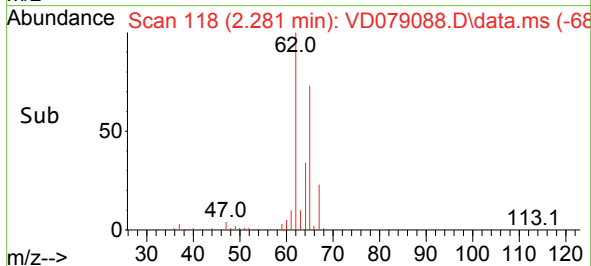
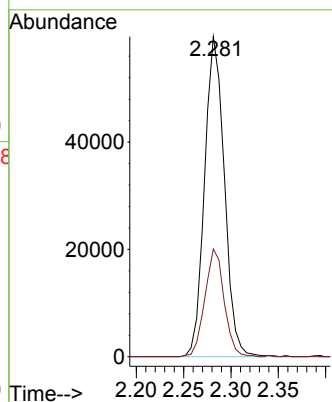
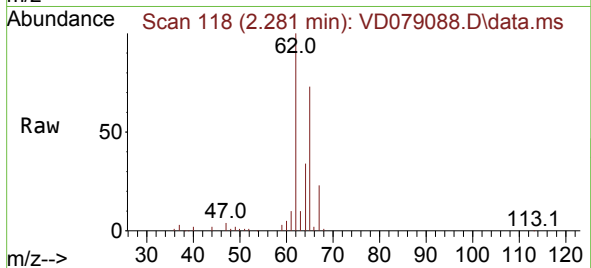




#5
Vinyl chloride
Concen: 15.125 ug/L
RT: 2.281 min Scan# 119
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

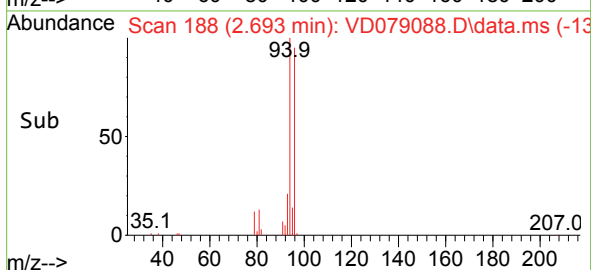
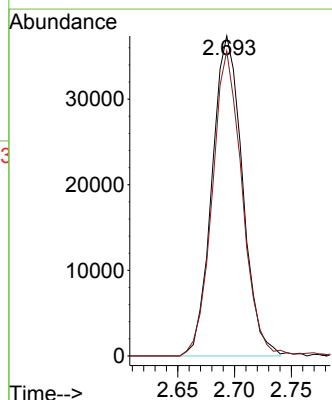
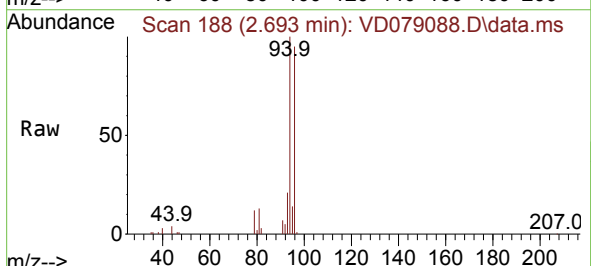
Instrument :
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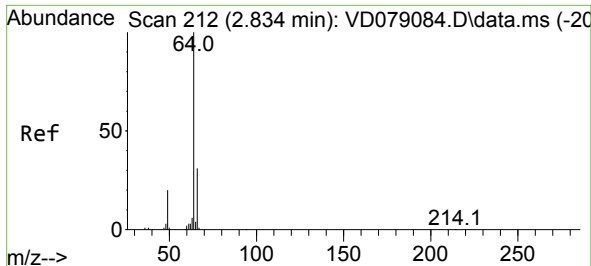
Tgt Ion: 62 Resp: 86596
Ion Ratio Lower Upper
62 100
64 33.6 24.8 46.1



#6
Bromomethane
Concen: 15.751 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 94 Resp: 69620
Ion Ratio Lower Upper
94 100
96 95.2 63.6 118.2

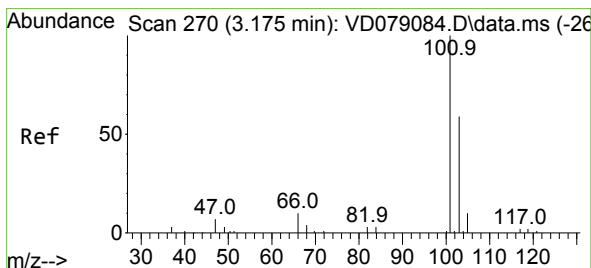
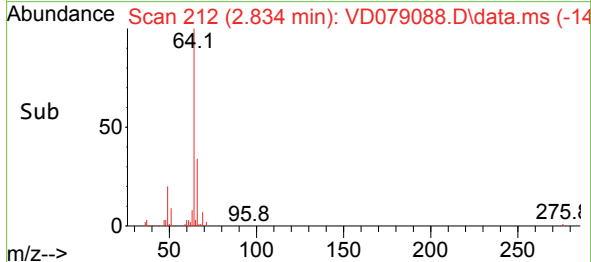
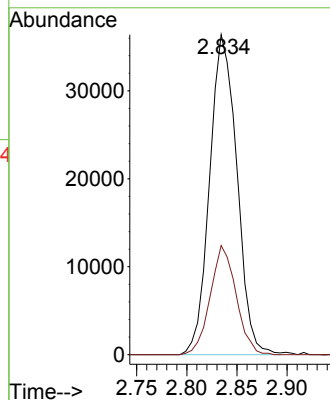
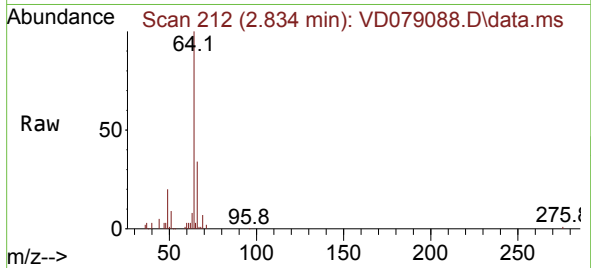




#8
Chloroethane
Concen: 16.413 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

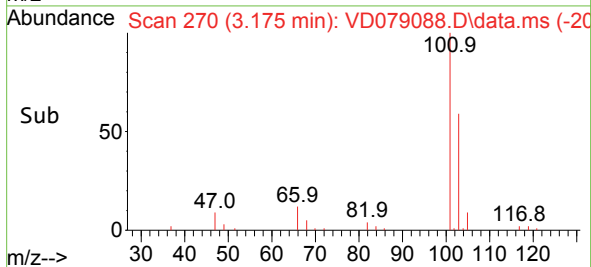
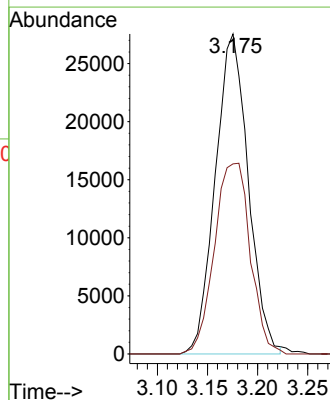
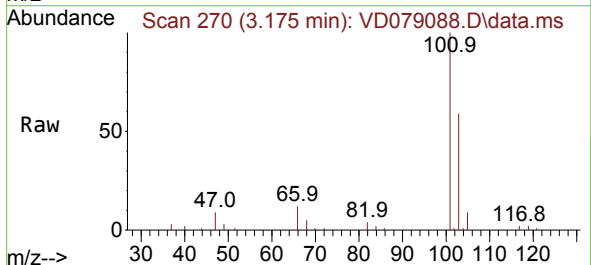
Instrument :
MSVOA_D
ClientSampleId :

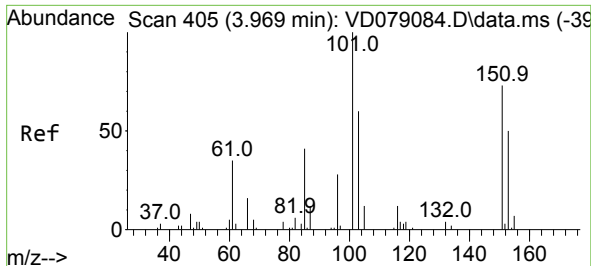
Tgt Ion: 64 Resp: 68876
Ion Ratio Lower Upper
64 100
66 34.1 24.8 46.1



#9
Trichlorofluoromethane
Concen: 14.422 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

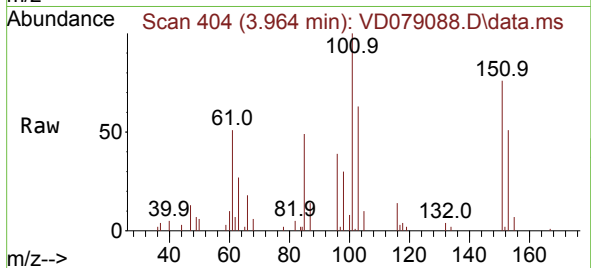
Tgt Ion:101 Resp: 62900
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0



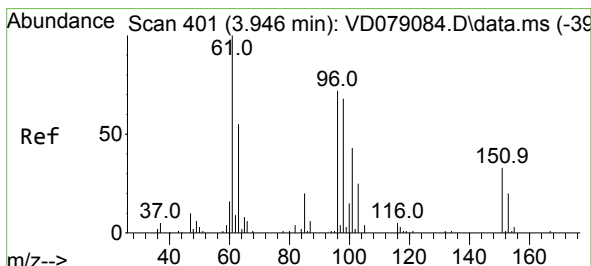
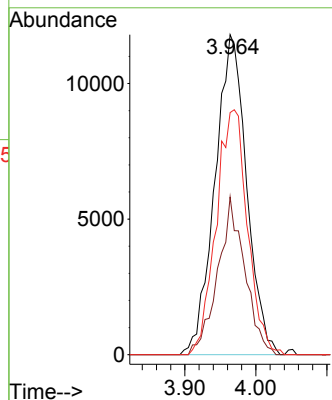
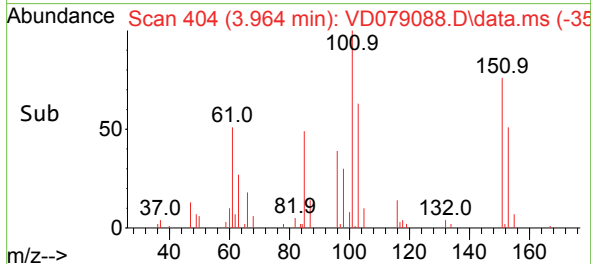


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.999 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

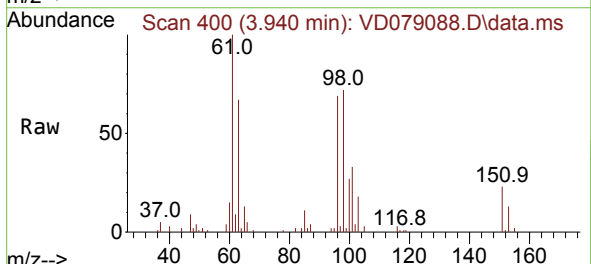
Instrument :
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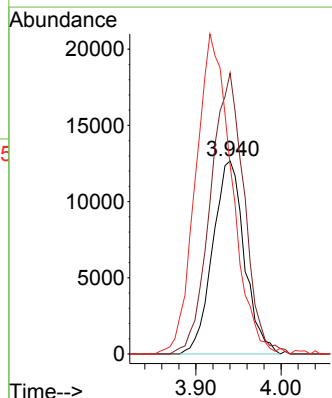
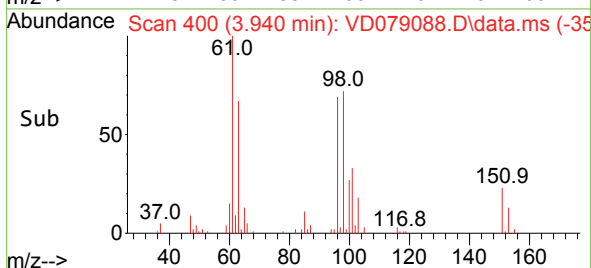
Tgt Ion:101 Resp: 36613
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.4 53.0
 151 75.4 59.1 88.7

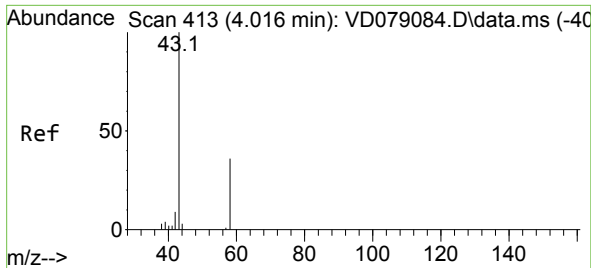


#12
 1,1-Dichloroethene
 Concen: 14.370 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36



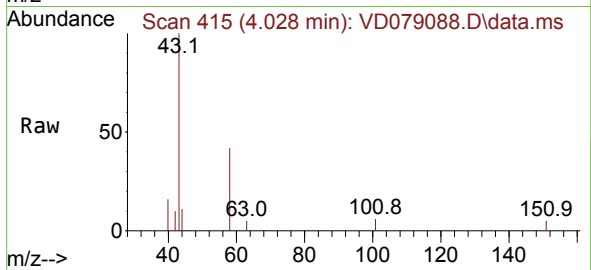
Tgt Ion: 96 Resp: 32720
 Ion Ratio Lower Upper
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 61 145.7 93.9 174.3
 63 97.7 67.7 125.7



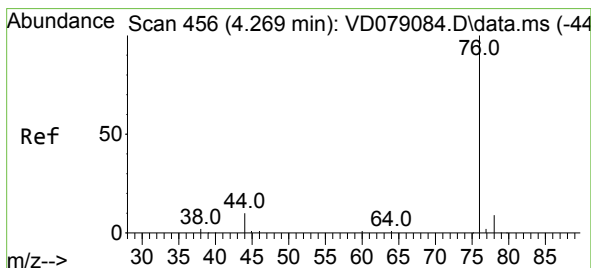
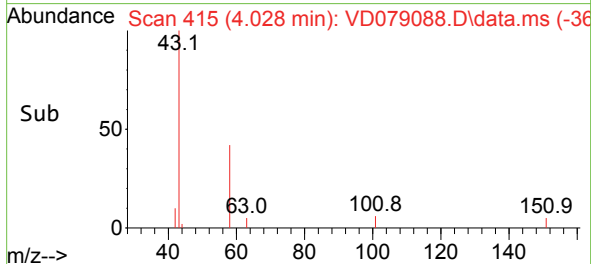
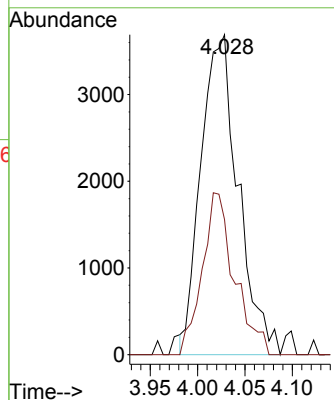


#13
Acetone
Concen: 18.005 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.012 min
Lab File: VD079088.D
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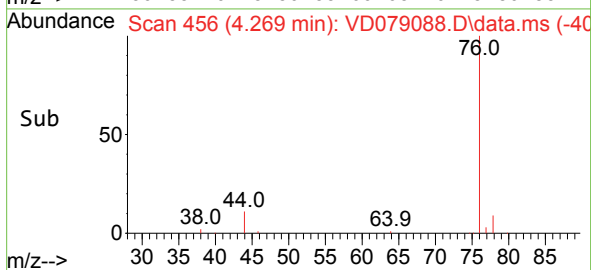
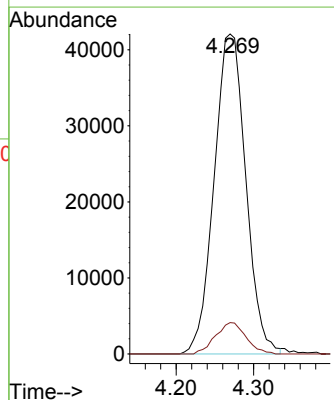
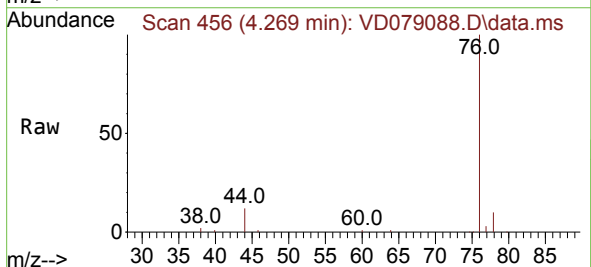


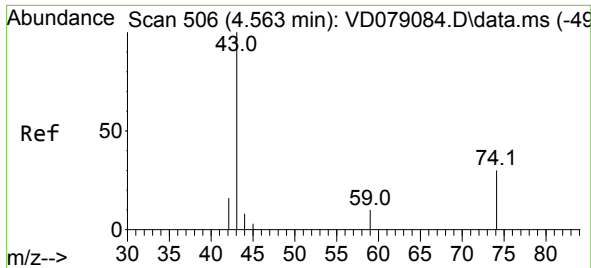
Tgt Ion: 43 Resp: 10087
Ion Ratio Lower Upper
43 100
58 36.7 0.0 78.2



#14
Carbon disulfide
Concen: 15.068 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 76 Resp: 119681
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

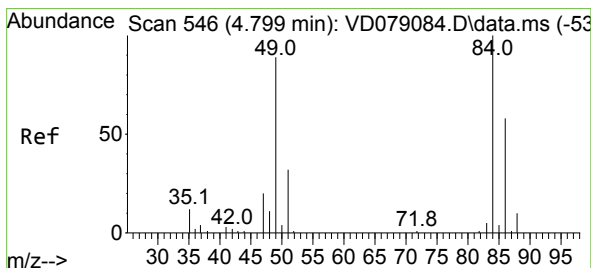
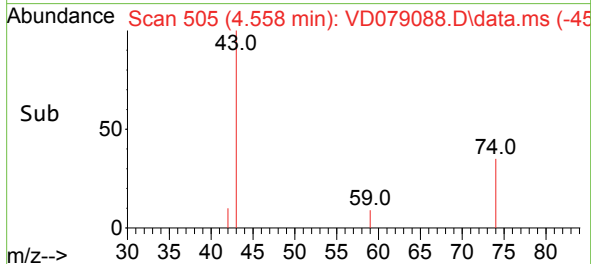
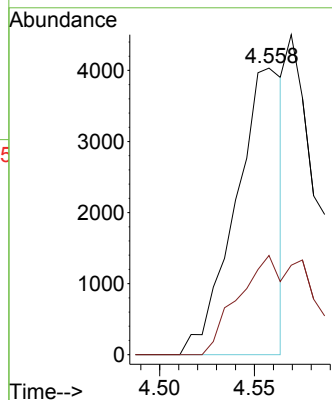
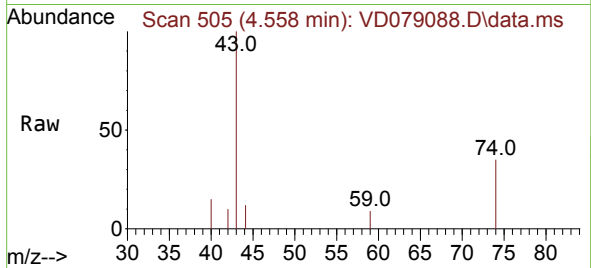




#15
Methyl Acetate
Concen: 9.115 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

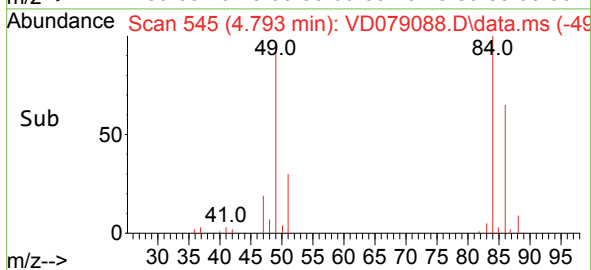
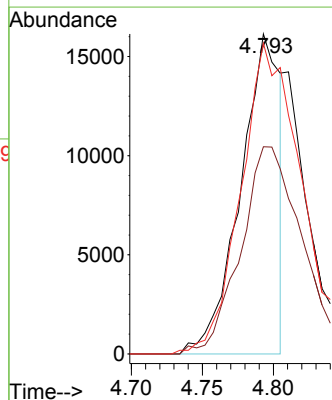
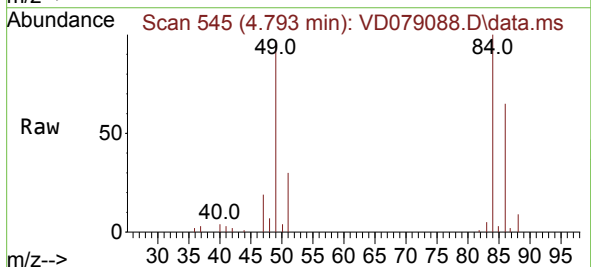
Instrument :
MSVOA_D
ClientSampleId :

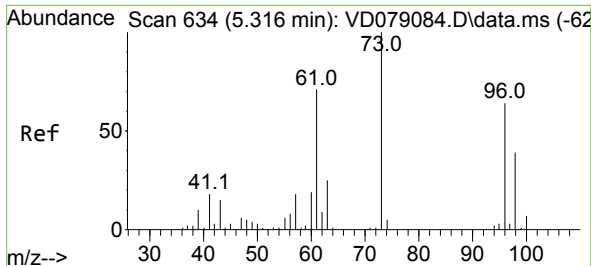
Tgt Ion: 43 Resp: 6958
Ion Ratio Lower Upper
43 100
74 31.2 23.8 35.6



#16
Methylene chloride
Concen: 10.733 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

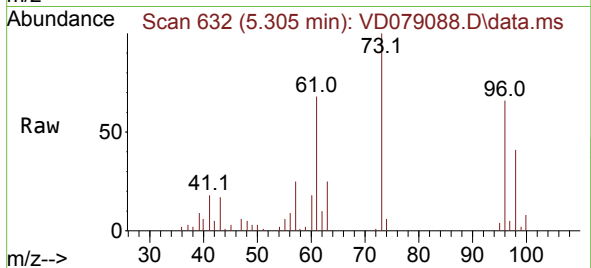
Tgt Ion: 84 Resp: 31442
Ion Ratio Lower Upper
84 100
86 64.8 40.9 76.0
49 97.1 67.5 125.3



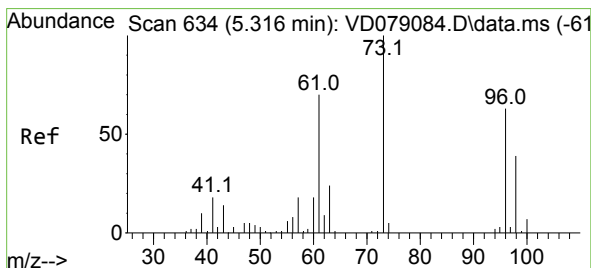
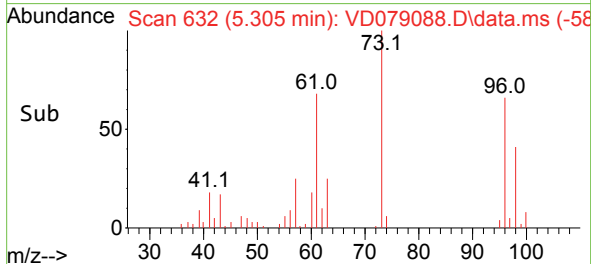
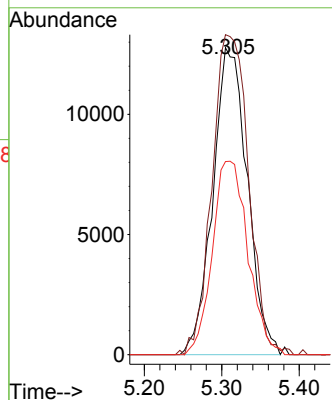


#17
trans-1,2-Dichloroethene
Concen: 16.073 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :

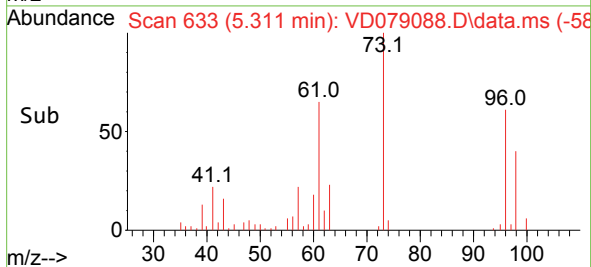
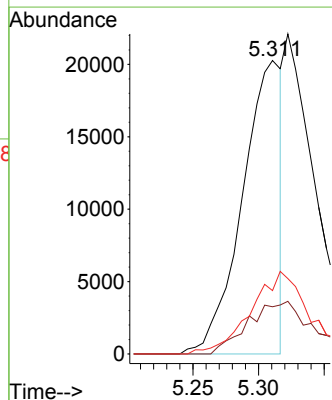
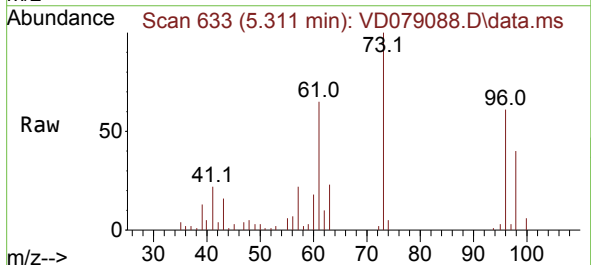


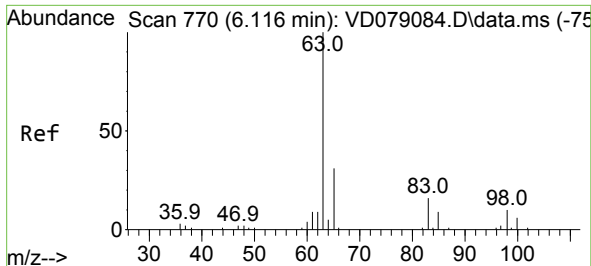
Tgt Ion: 96 Resp: 39551
Ion Ratio Lower Upper
96 100
61 104.2 71.9 133.5
98 62.9 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 9.694 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 73 Resp: 42304
Ion Ratio Lower Upper
73 100
43 12.9 12.0 18.0
57 40.8 9.6 14.4#

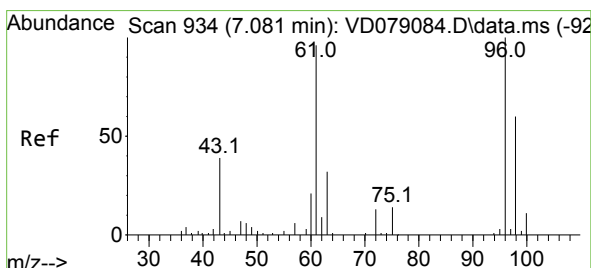
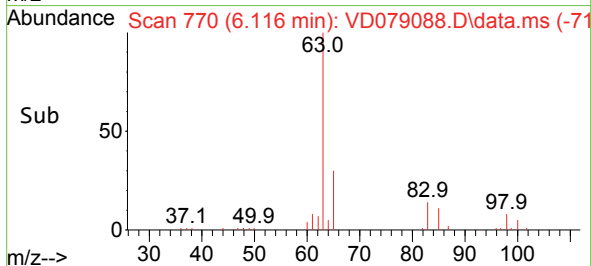
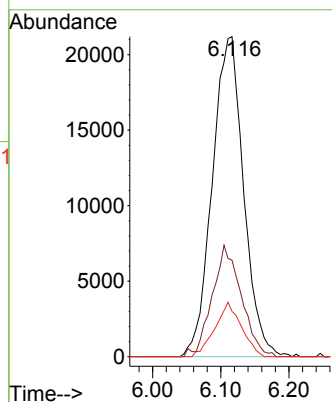
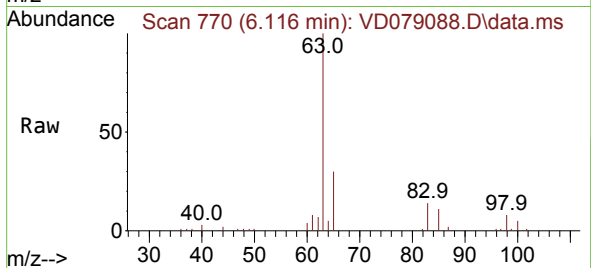




#19
1,1-Dichloroethane
Concen: 17.064 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

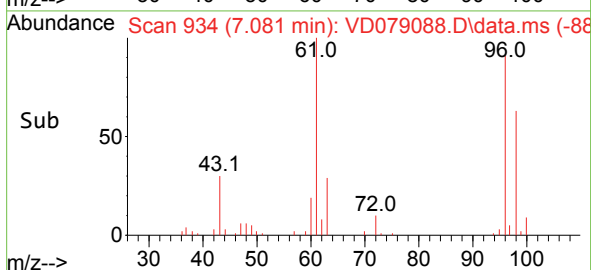
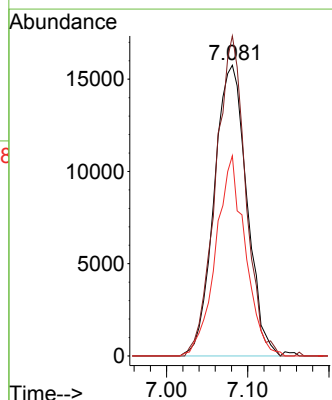
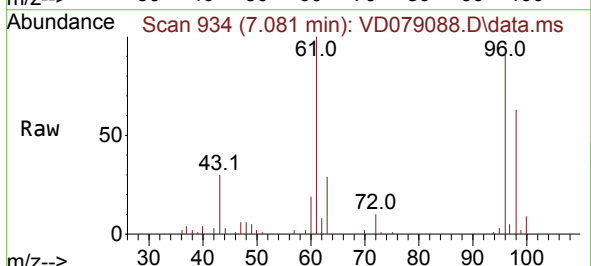
Instrument :
MSVOA_D
ClientSampleId :

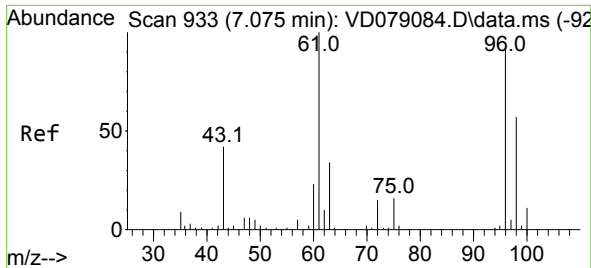
Tgt Ion: 63	Resp: 67601
Ion Ratio	Lower Upper
63 100	
65 30.2	22.8 42.4
83 14.2	8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 17.205 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 96	Resp: 44083		
Ion Ratio	Lower	Upper	
96	100		
61	110.1	72.6	134.8
98	68.8	43.8	81.3

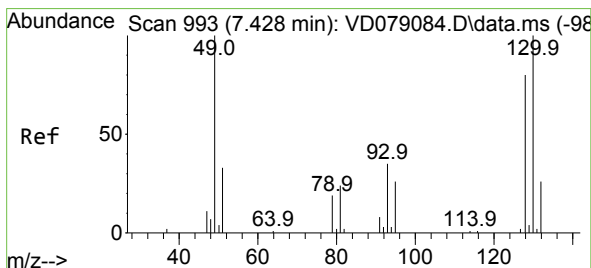
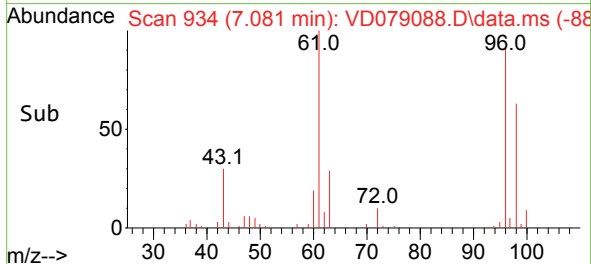
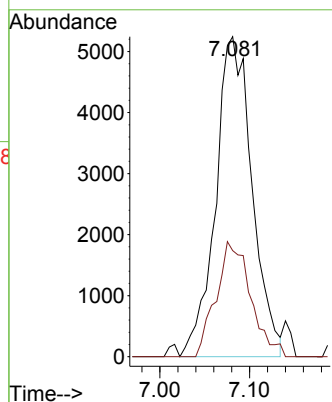
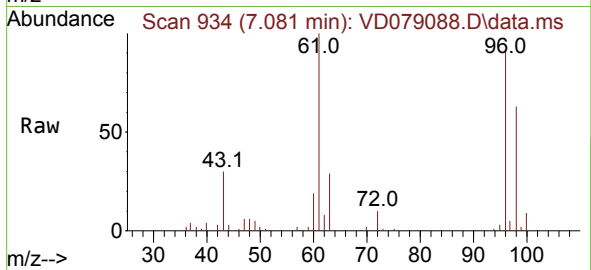




#22
2-Butanone
Concen: 25.111 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

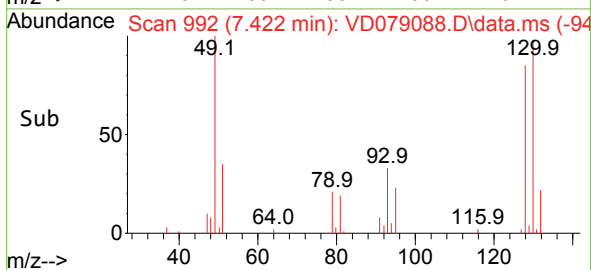
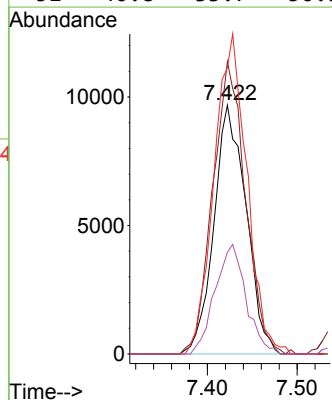
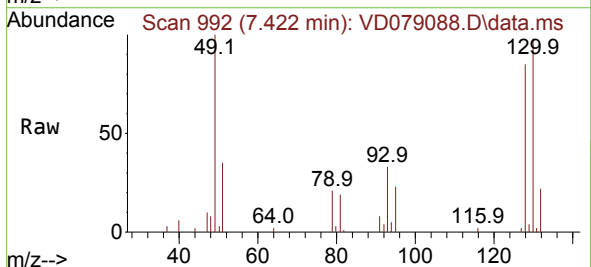
Instrument :
MSVOA_D
ClientSampleId :

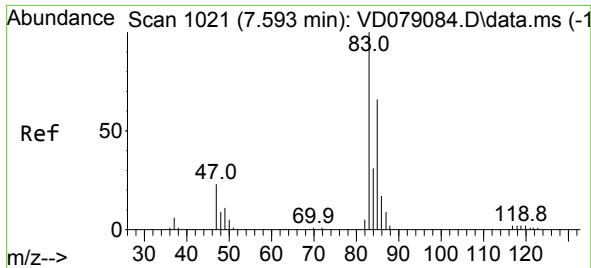
Tgt Ion: 43 Resp: 14779
Ion Ratio Lower Upper
43 100
72 22.0 19.3 57.8



#23
Bromochloromethane
Concen: 18.556 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:128 Resp: 24104
Ion Ratio Lower Upper
128 100
49 117.5 81.8 151.8
130 115.1 90.4 167.8
51 40.8 33.7 50.5

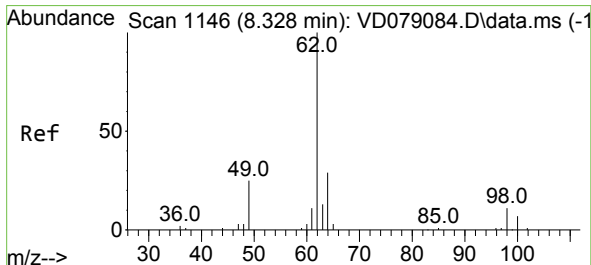
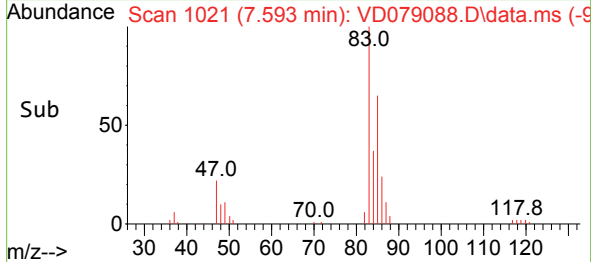
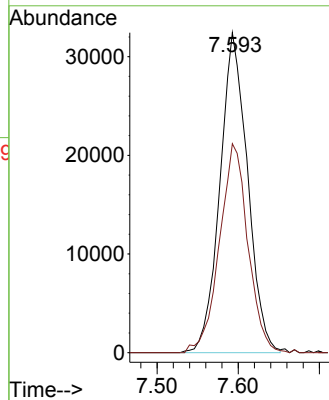
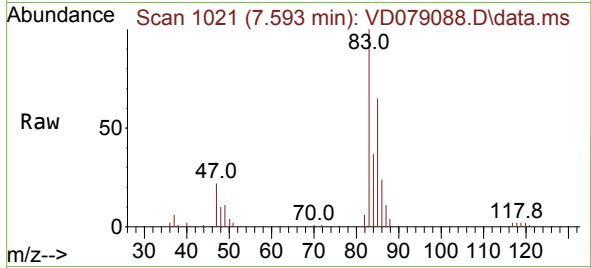




#25
Chloroform
Concen: 17.048 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

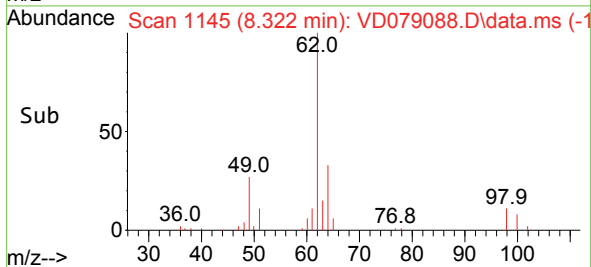
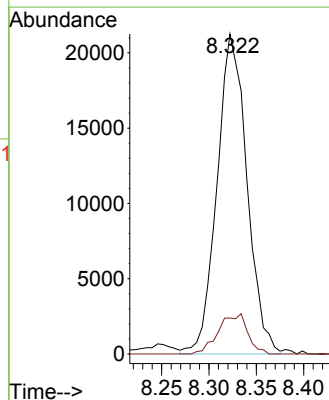
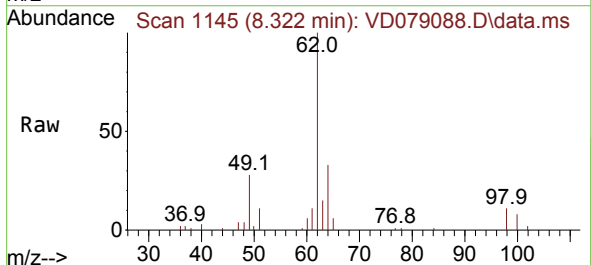
Instrument :
MSVOA_D
ClientSampleId :

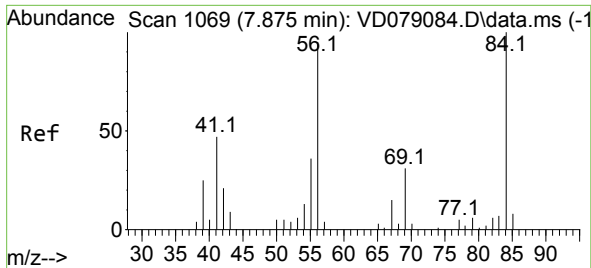
Tgt Ion: 83 Resp: 76681
Ion Ratio Lower Upper
83 100
85 65.3 47.9 89.1



#27
1,2-Dichloroethane
Concen: 17.894 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

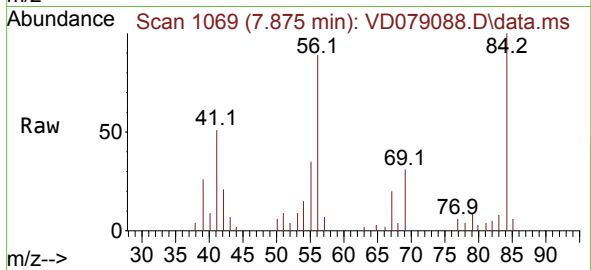
Tgt Ion: 62 Resp: 46722
Ion Ratio Lower Upper
62 100
98 11.2 8.2 12.4



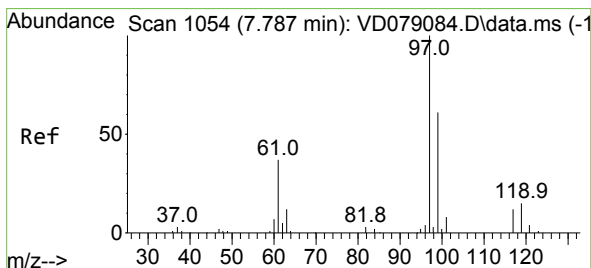
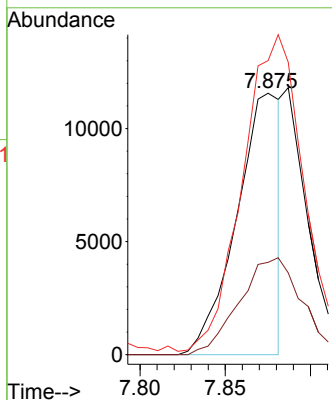
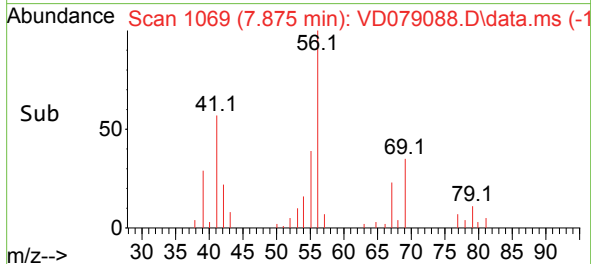


#29
Cyclohexane
Concen: 8.123 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :

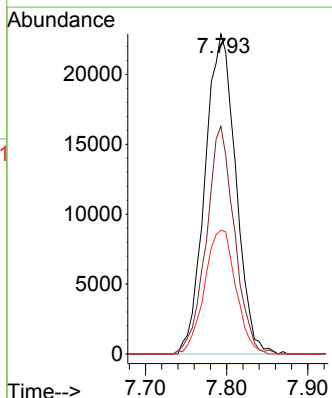
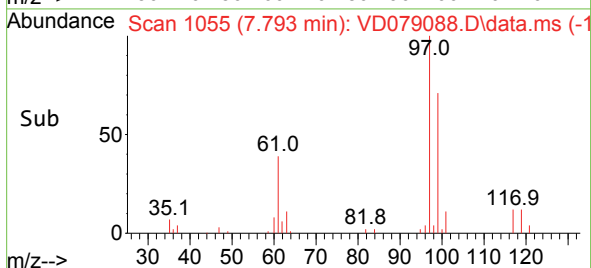
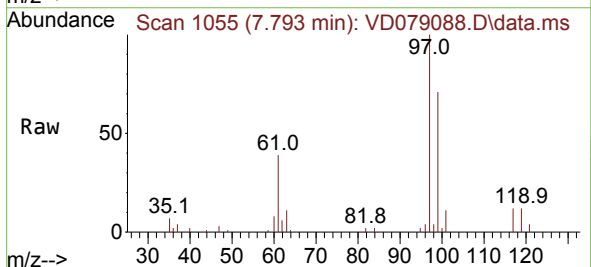


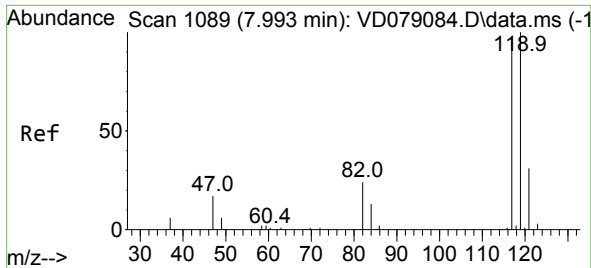
Tgt Ion: 56 Resp: 20718
Ion Ratio Lower Upper
56 100
69 52.8 26.6 40.0#
84 172.4 87.5 131.3#



#30
1,1,1-Trichloroethane
Concen: 18.025 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

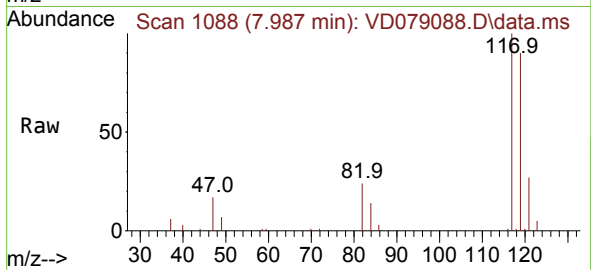
Tgt Ion: 97 Resp: 60324
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 39.4 31.7 47.5



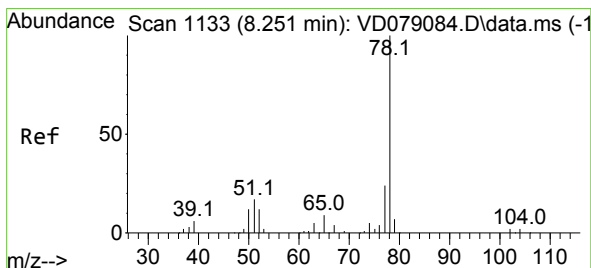
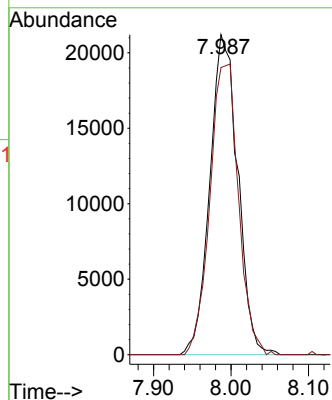
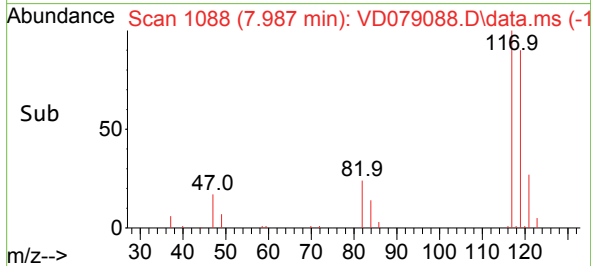


#31
Carbon tetrachloride
Concen: 17.069 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :

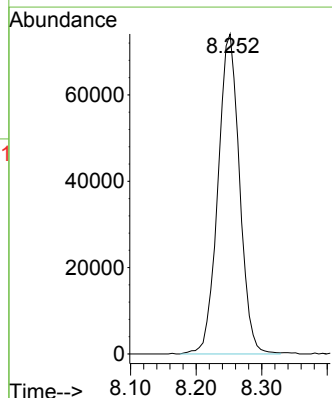
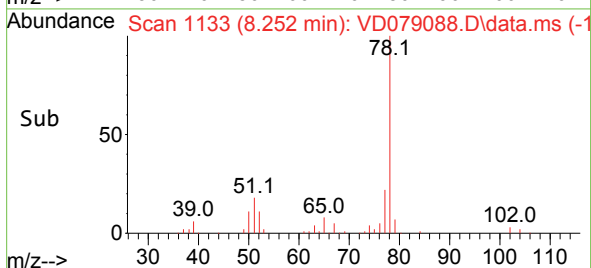
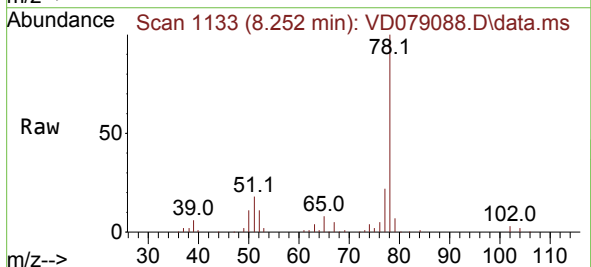


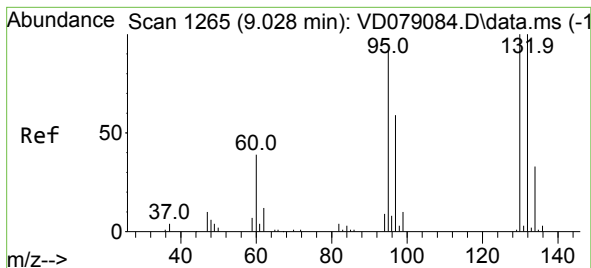
Tgt Ion:117 Resp: 53084
Ion Ratio Lower Upper
117 100
119 92.7 79.6 119.4



#33
Benzene
Concen: 20.099 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 78 Resp: 169217





#34

Trichloroethene

Concen: 17.085 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

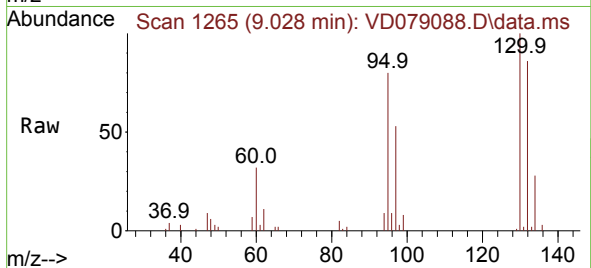
Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 37048

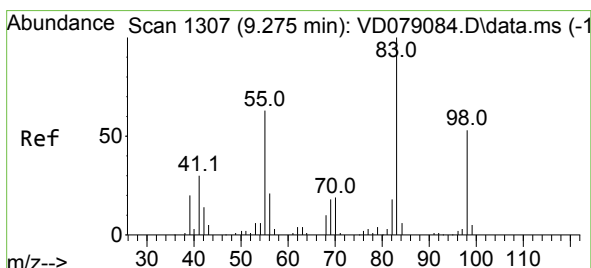
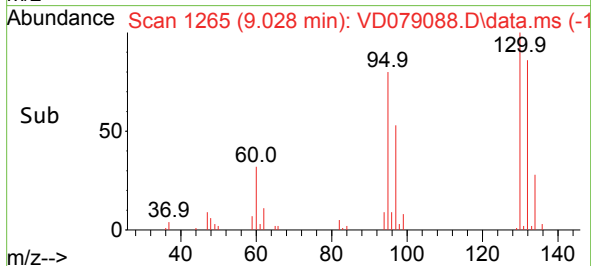
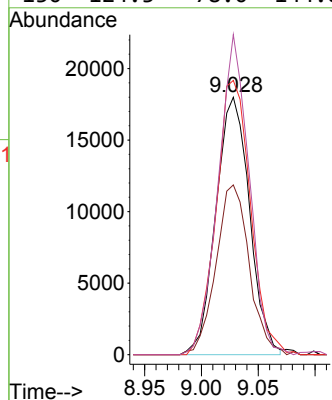
Ion Ratio Lower Upper

95 100

97 65.9 44.6 82.8

132 106.5 74.9 139.1

130 124.3 78.0 144.8



#35

Methylcyclohexane

Concen: 9.706 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

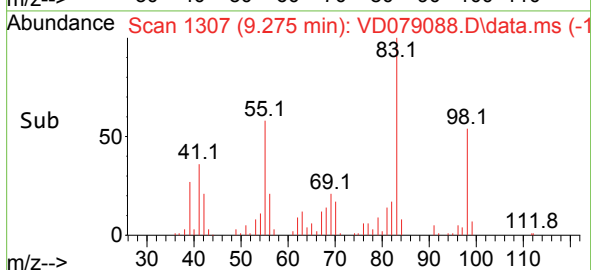
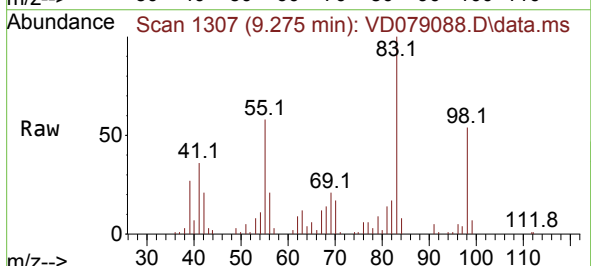
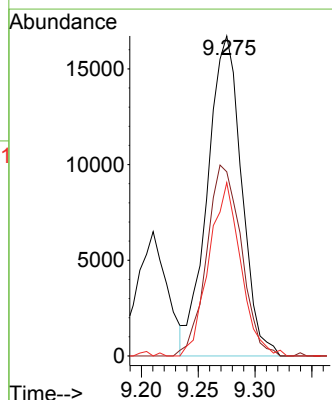
Tgt Ion: 83 Resp: 34875

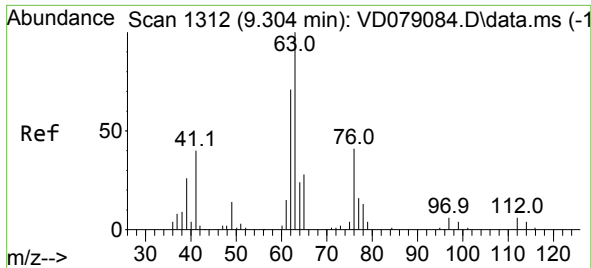
Ion Ratio Lower Upper

83 100

55 60.5 48.6 72.8

98 50.8 40.2 60.2

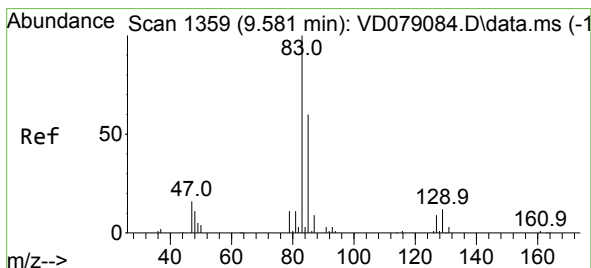
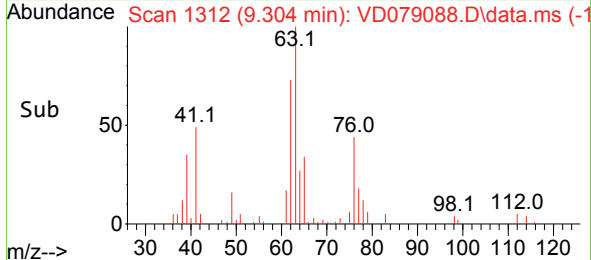
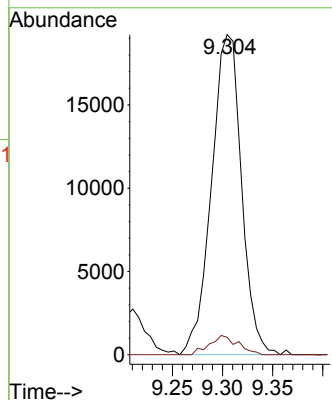
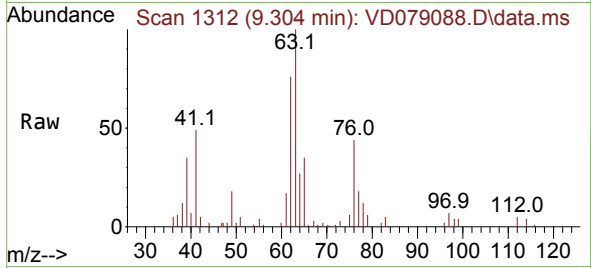




#37
1,2-Dichloropropane
Concen: 19.402 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

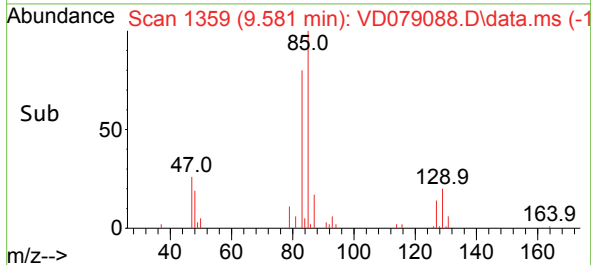
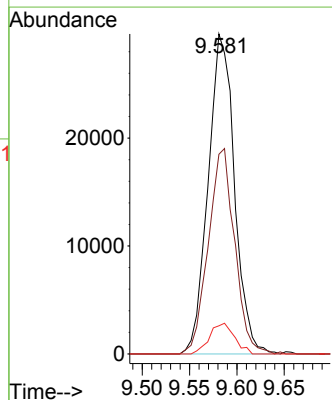
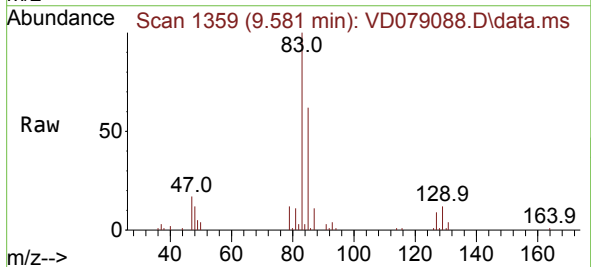
Instrument :
MSVOA_D
ClientSampleId :

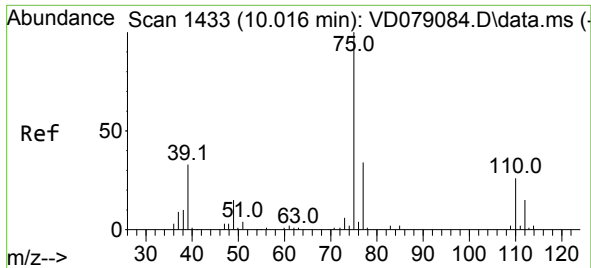
Tgt Ion: 63 Resp: 40012
Ion Ratio Lower Upper
63 100
112 5.7 3.9 5.9



#38
Bromodichloromethane
Concen: 19.994 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 83 Resp: 57318
Ion Ratio Lower Upper
83 100
85 62.4 46.5 86.5
127 8.8 7.0 10.6

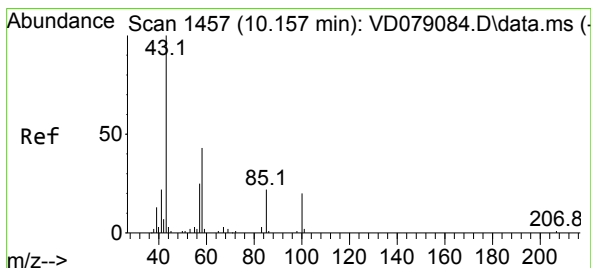
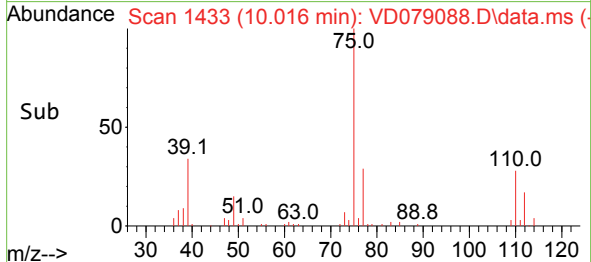
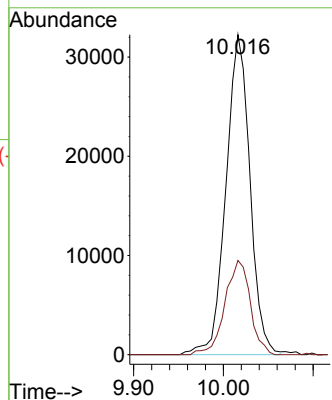
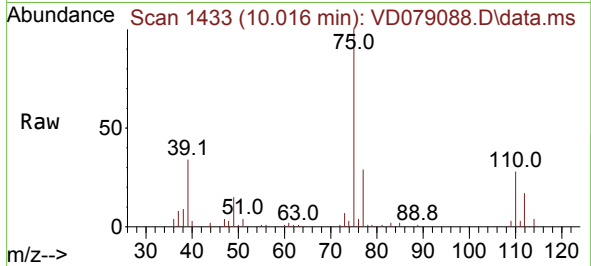




#39
cis-1,3-Dichloropropene
Concen: 18.626 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

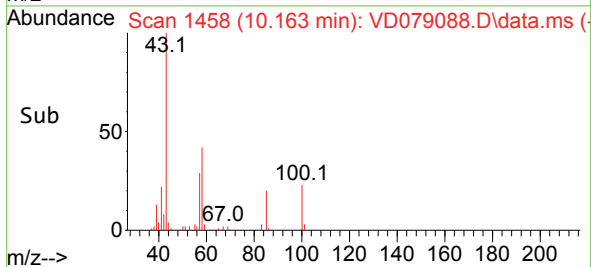
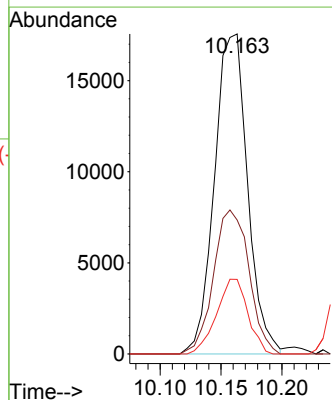
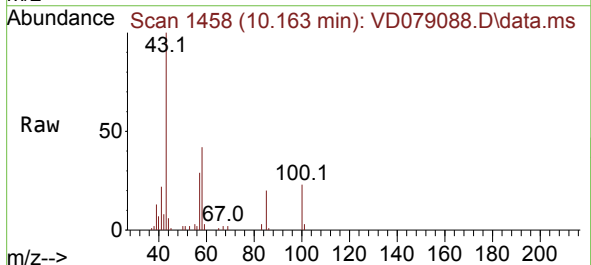
Instrument :
MSVOA_D
ClientSampleId :

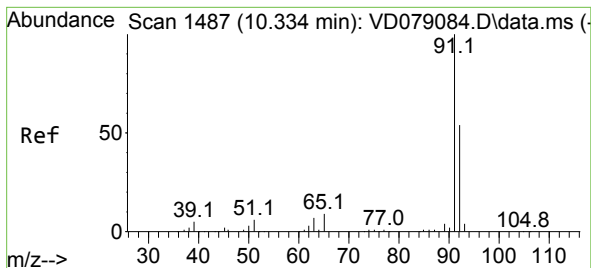
Tgt Ion:	75	Resp:	59961
Ion Ratio	Lower	Upper	
75	100		
77	29.4	23.4	43.4



#40
4-Methyl-2-pentanone
Concen: 38.621 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:	43	Resp:	33248
Ion Ratio	Lower	Upper	
43	100		
58	48.2	34.0	51.0
100	22.1	16.9	25.3





#42

Toluene

Concen: 17.810 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

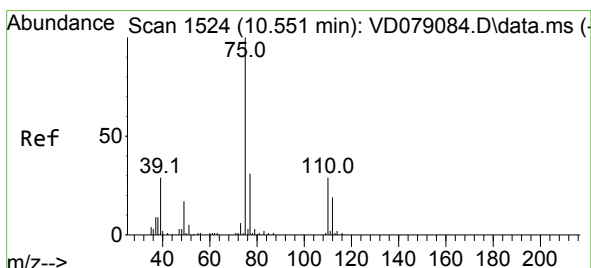
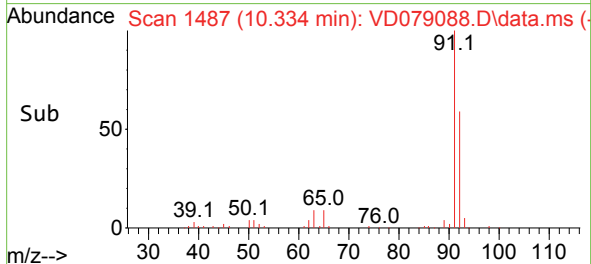
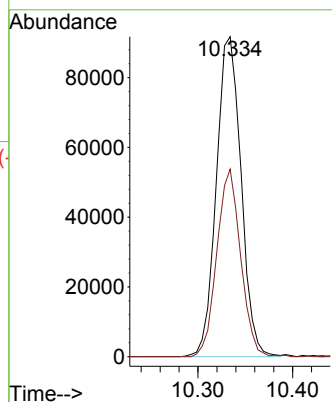
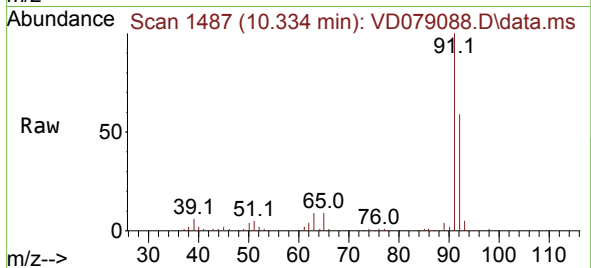
ClientSampleId :

Tgt Ion: 91 Resp: 166509

Ion Ratio Lower Upper

91 100

92 58.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 19.675 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079088.D

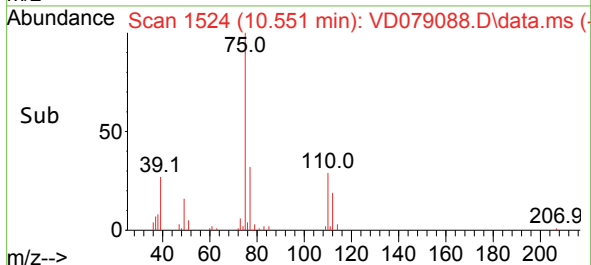
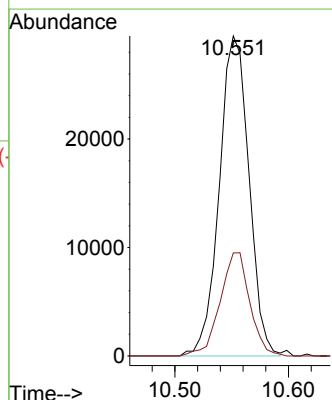
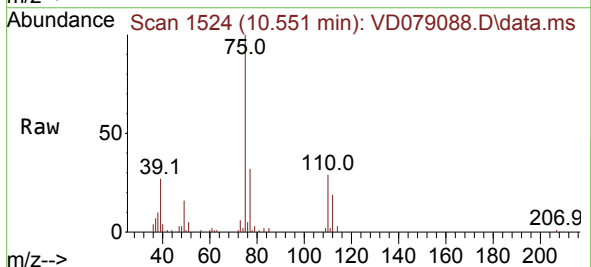
Acq: 30 May 2024 11:36

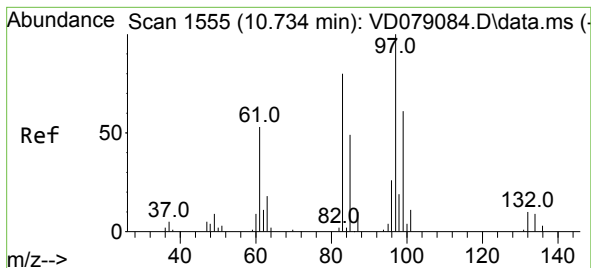
Tgt Ion: 75 Resp: 53562

Ion Ratio Lower Upper

75 100

77 32.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 20.345 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

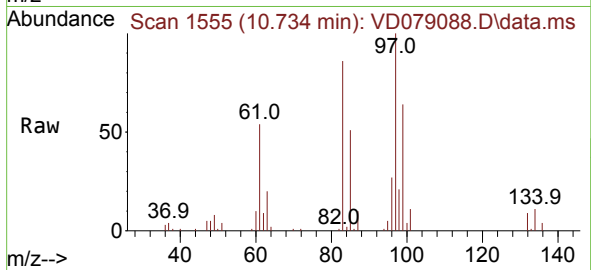
Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 36808

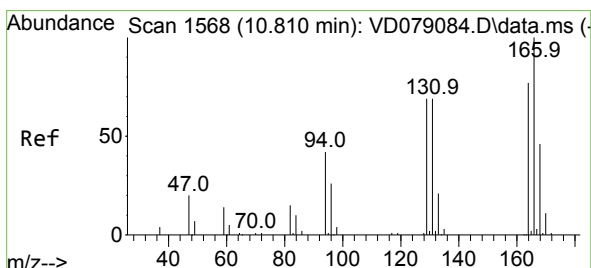
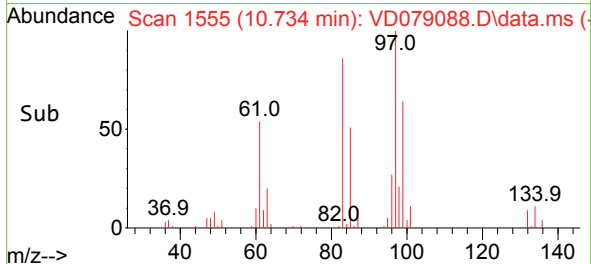
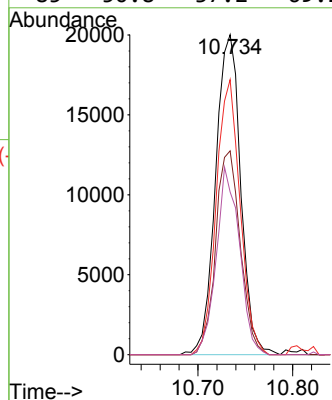
Ion Ratio Lower Upper

97 100

99 63.7 43.0 79.8

83 85.9 58.9 109.5

85 50.8 37.2 69.2



#46

Tetrachloroethene

Concen: 13.987 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Tgt Ion:164 Resp: 26706

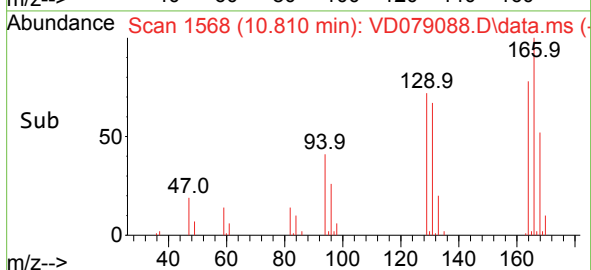
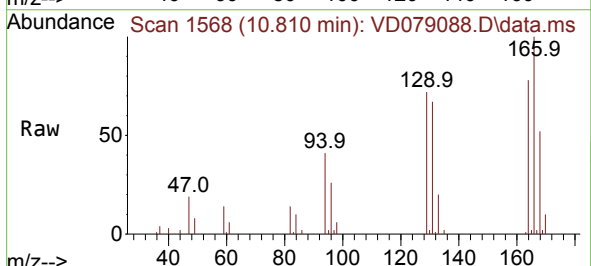
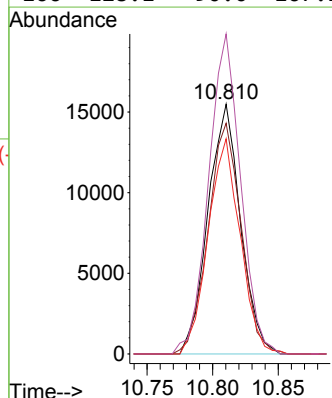
Ion Ratio Lower Upper

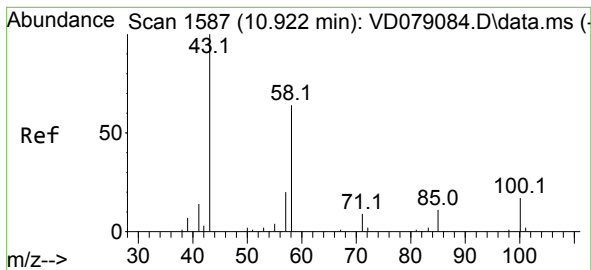
164 100

129 92.4 64.3 119.5

131 86.2 61.2 113.8

166 128.1 90.0 167.2





#48

2-Hexanone

Concen: 31.012 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

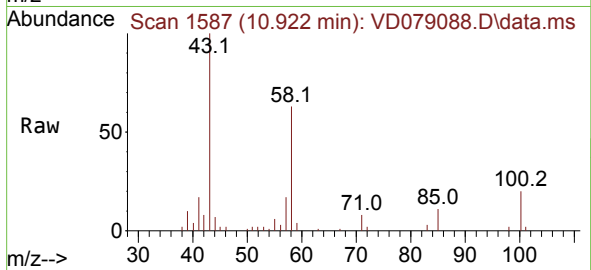
Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 23102

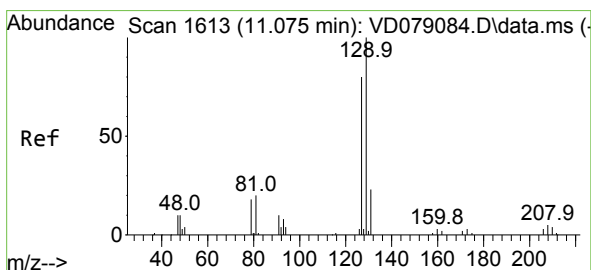
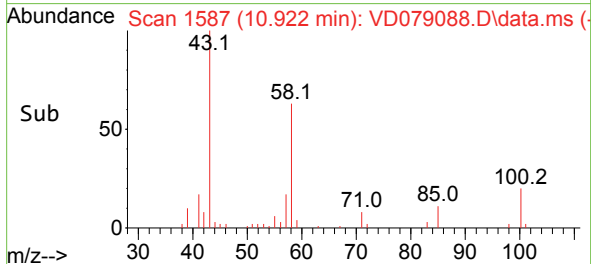
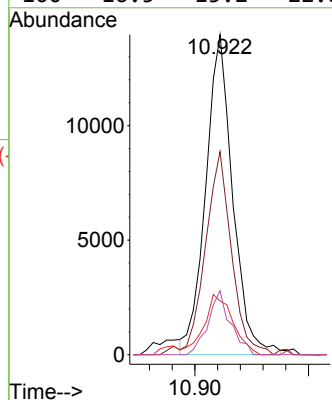
Ion Ratio Lower Upper

43 100

58 60.7 50.1 75.1

57 20.1 16.5 24.7

100 16.5 15.2 22.8



#49

Dibromochloromethane

Concen: 18.675 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079088.D

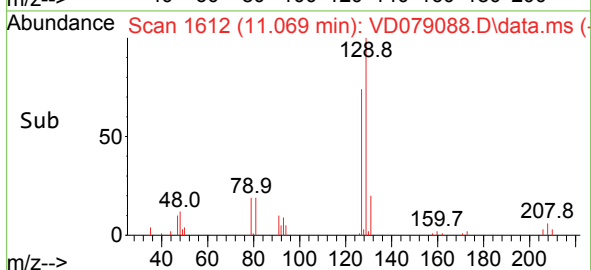
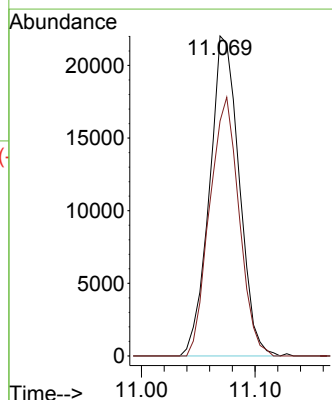
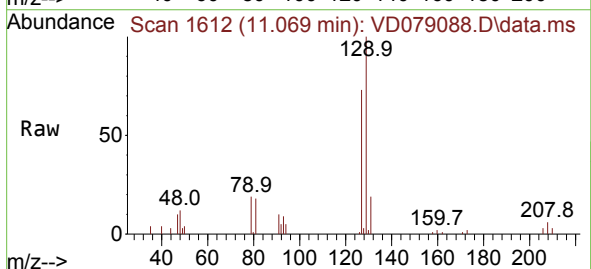
Acq: 30 May 2024 11:36

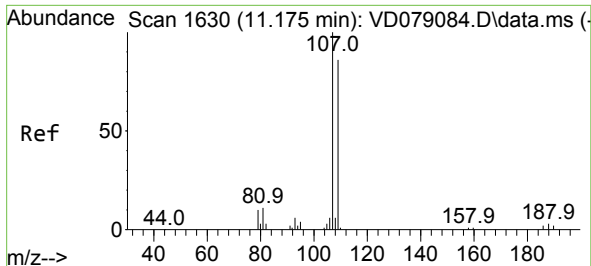
Tgt Ion: 129 Resp: 40010

Ion Ratio Lower Upper

129 100

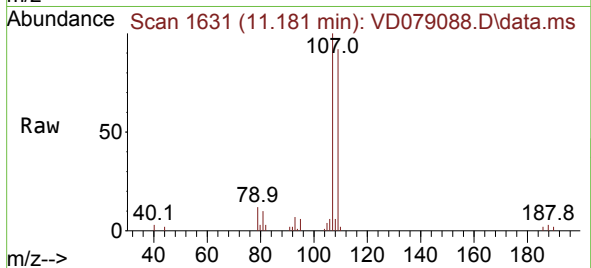
127 73.4 56.4 104.7



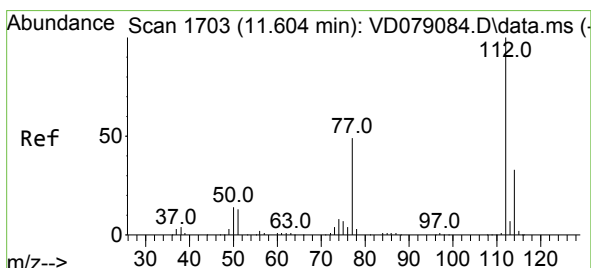
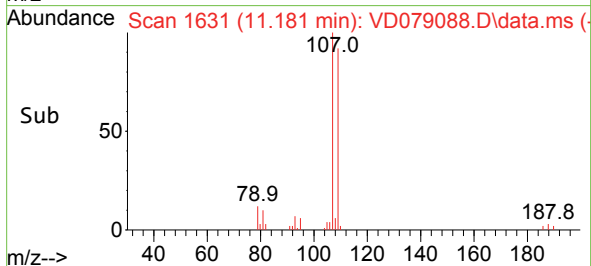
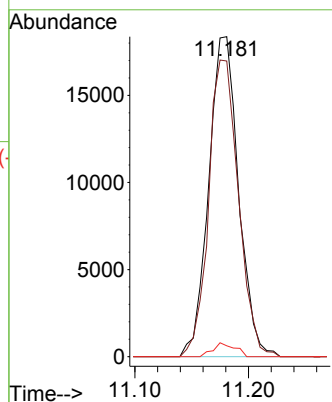


#50
1,2-Dibromoethane
Concen: 20.211 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :

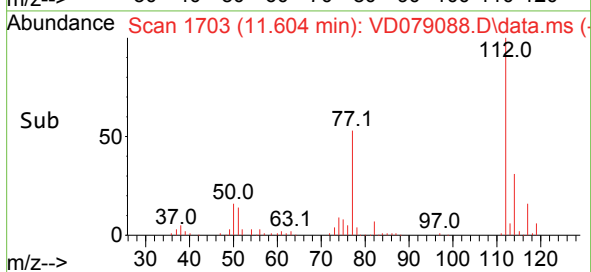
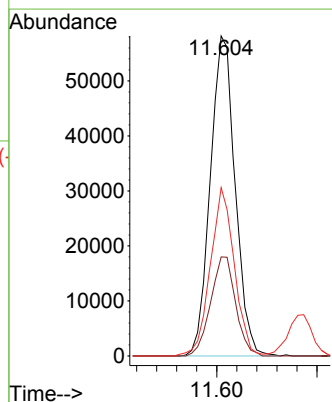
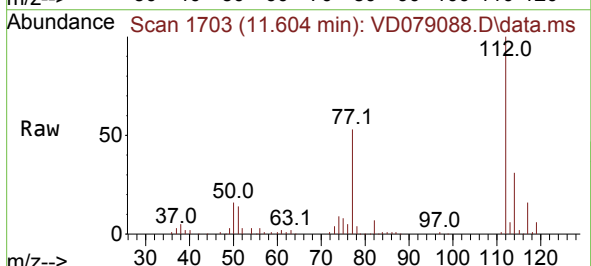


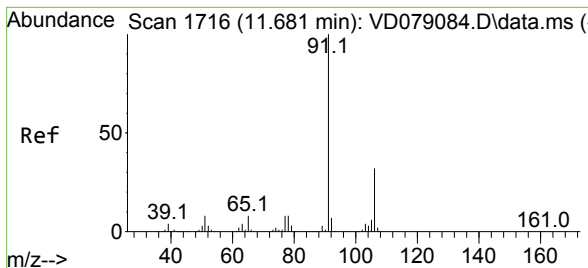
Tgt Ion:107 Resp: 33605
Ion Ratio Lower Upper
107 100
109 92.4 64.5 119.7
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 16.059 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:112 Resp: 99897
Ion Ratio Lower Upper
112 100
114 30.9 22.7 42.3
77 52.6 38.4 57.6

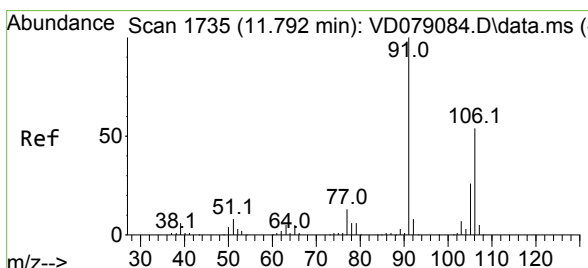
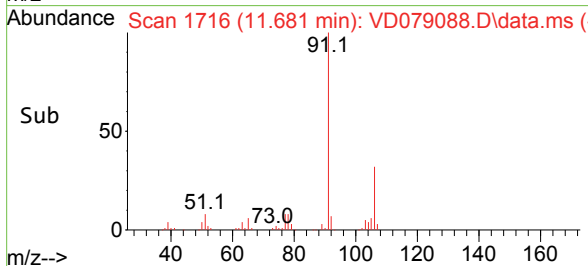
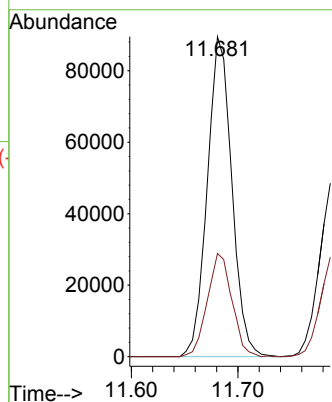
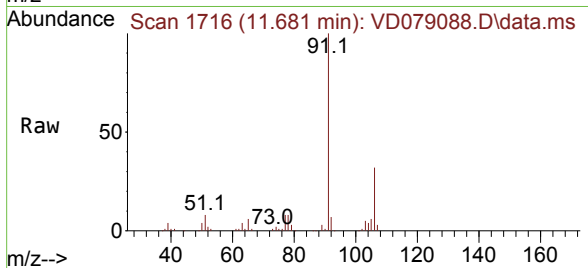




#52
Ethylbenzene
Concen: 14.678 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

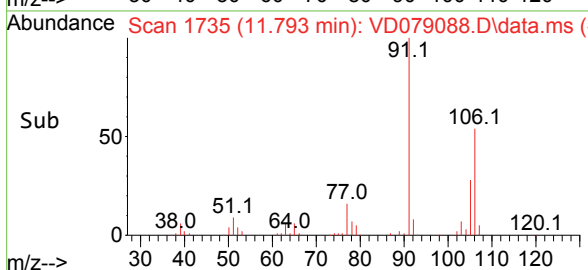
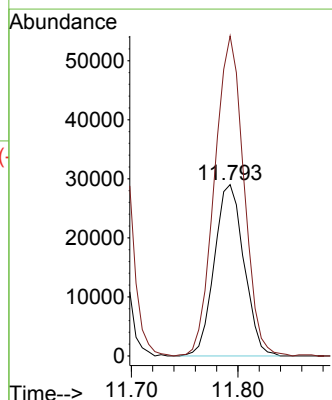
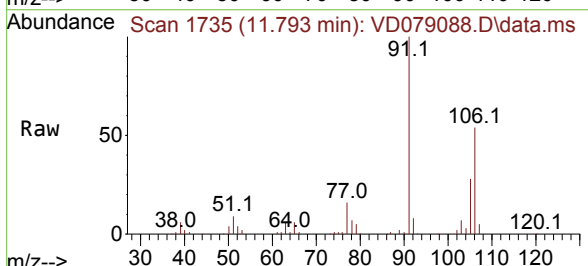
Instrument :
MSVOA_D
ClientSampleId :

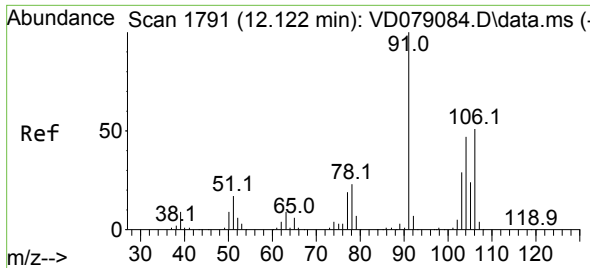
Tgt Ion: 91 Resp: 143136
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.5



#53
m,p-Xylene
Concen: 14.656 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 106 Resp: 56076
Ion Ratio Lower Upper
106 100
91 186.7 133.1 247.1

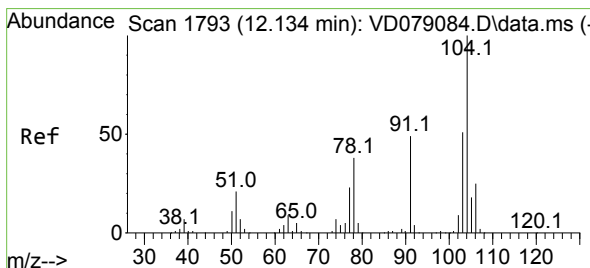
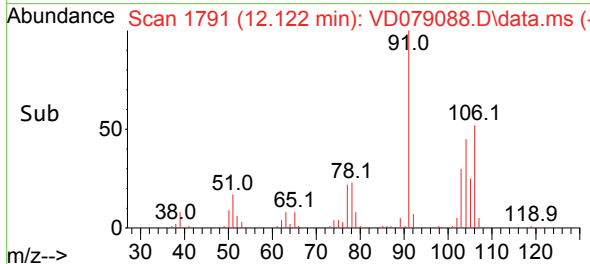
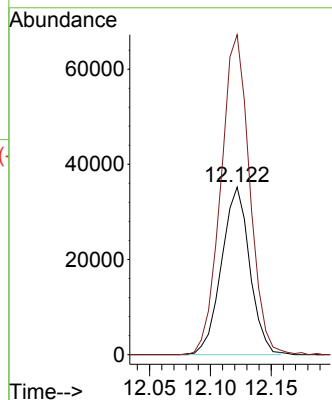
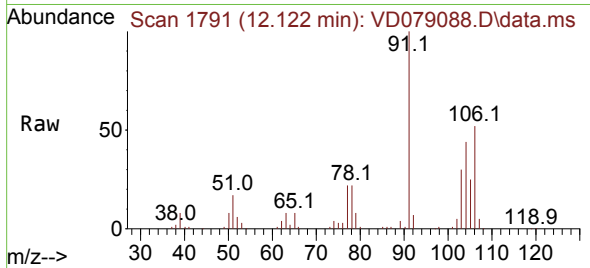




#54
o-Xylene
Concen: 15.344 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

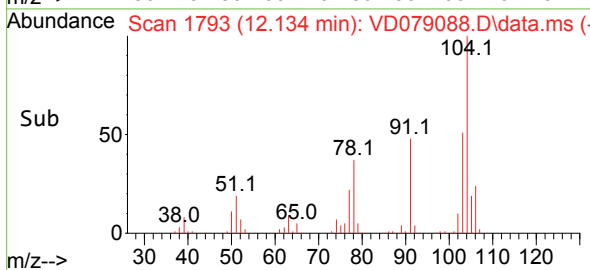
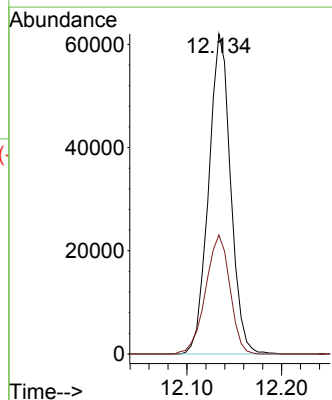
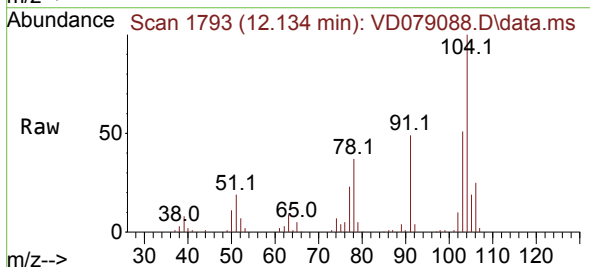
Instrument :
MSVOA_D
ClientSampleId :

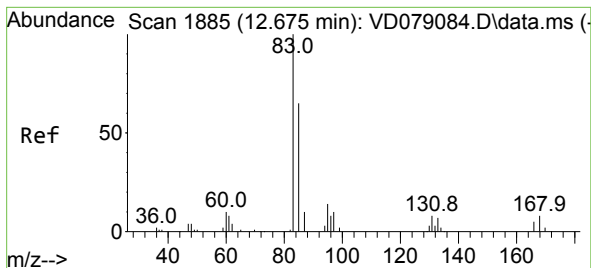
Tgt Ion:106 Resp: 56719
Ion Ratio Lower Upper
106 100
91 191.0 132.9 246.9



#55
Styrene
Concen: 15.226 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:104 Resp: 99795
Ion Ratio Lower Upper
104 100
78 37.1 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 18.405 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

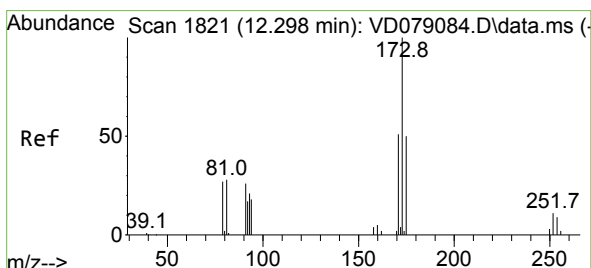
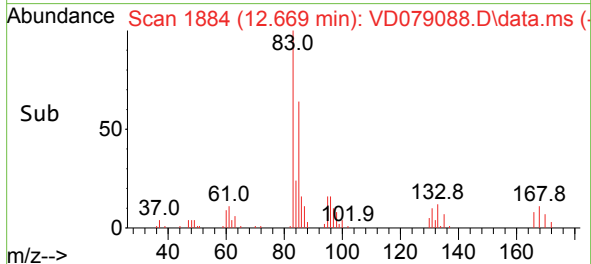
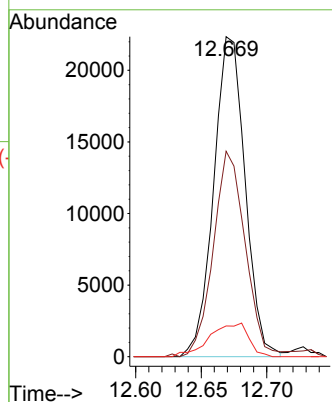
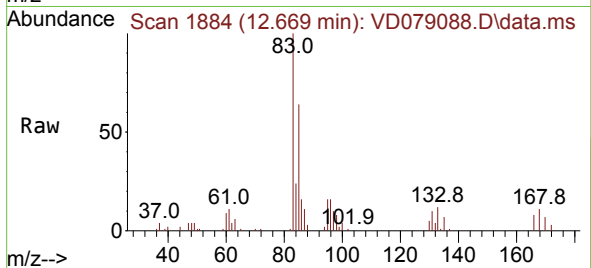
Tgt Ion: 83 Resp: 37274

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.1

131 9.6 8.6 13.0



#59

Bromoform

Concen: 26.743 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

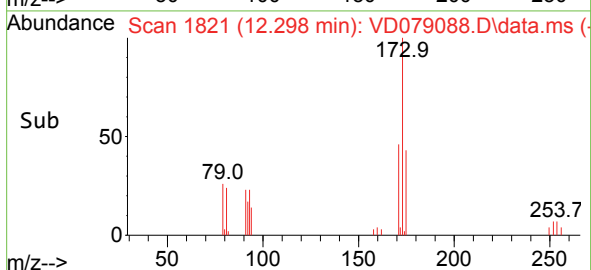
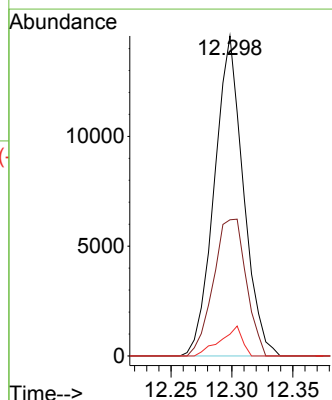
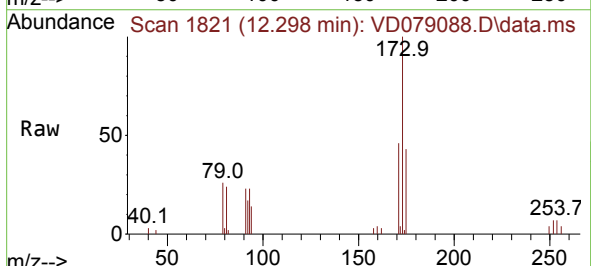
Tgt Ion:173 Resp: 24129

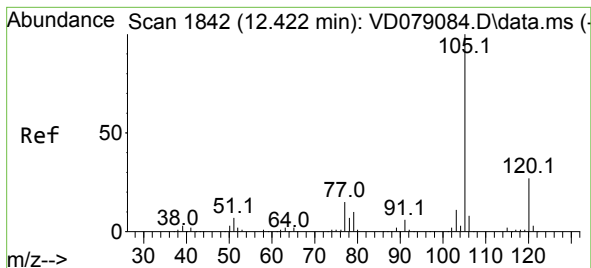
Ion Ratio Lower Upper

173 100

175 48.2 38.2 57.4

254 7.0 7.0 10.6





#60

Isopropylbenzene

Concen: 18.307 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

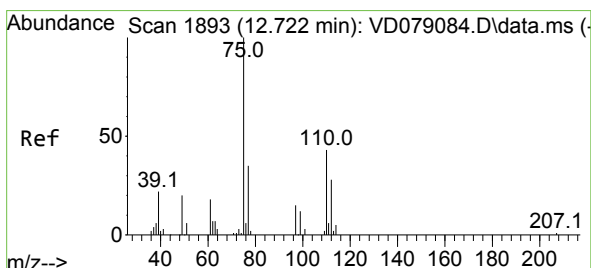
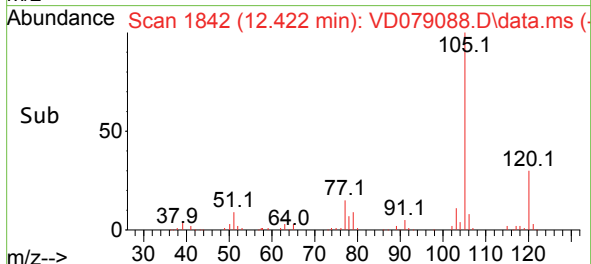
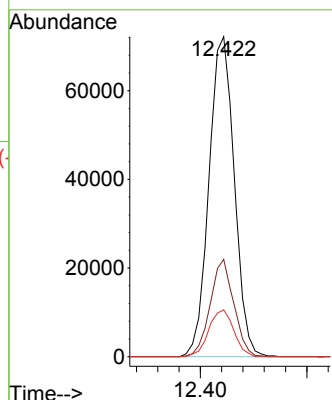
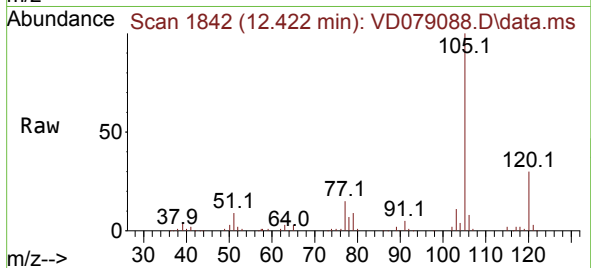
Tgt Ion:105 Resp: 119164

Ion Ratio Lower Upper

105 100

120 28.3 21.9 32.9

77 14.5 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 28.270 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

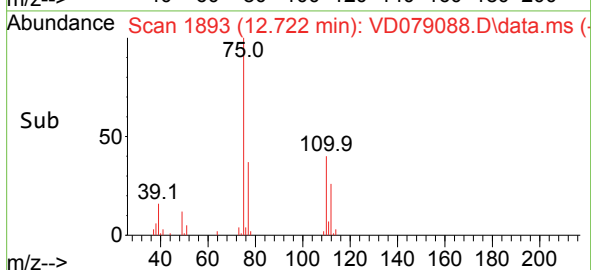
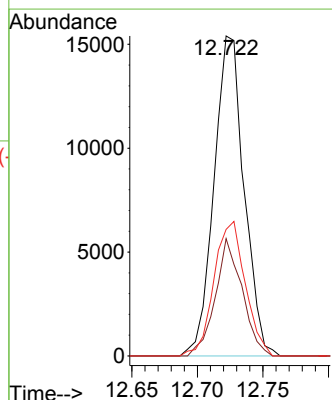
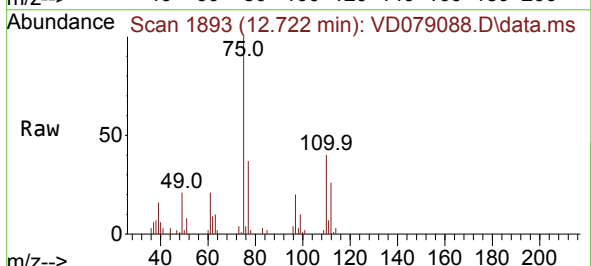
Tgt Ion: 75 Resp: 24570

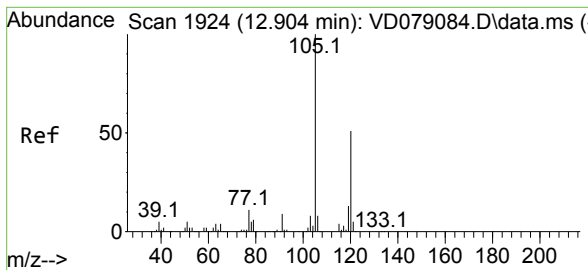
Ion Ratio Lower Upper

75 100

77 32.7 25.9 38.9

110 43.7 34.2 51.4

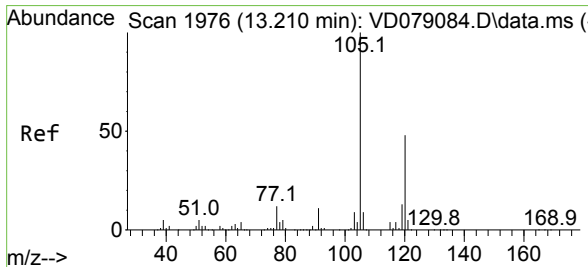
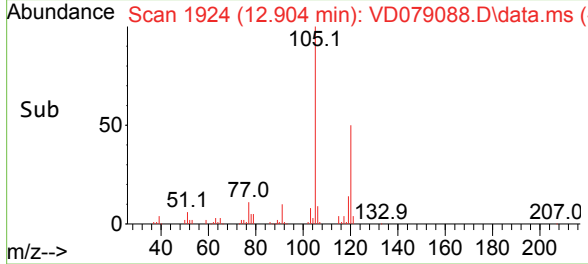
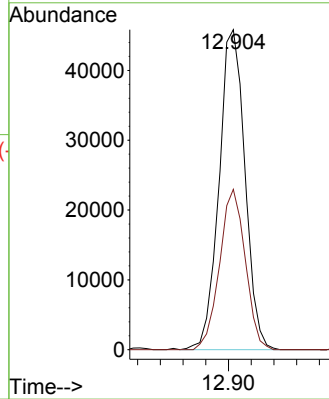
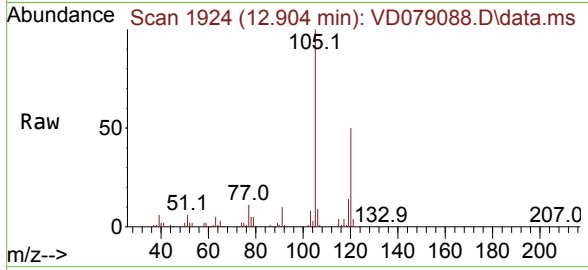




#62
 1,3,5-Trimethylbenzene
 Concen: 16.305 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

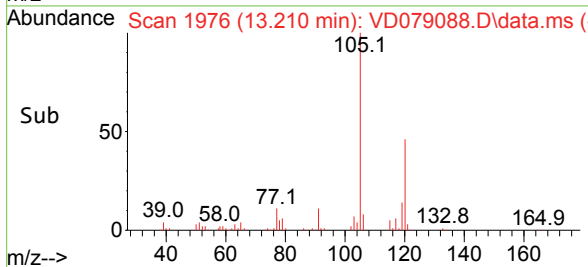
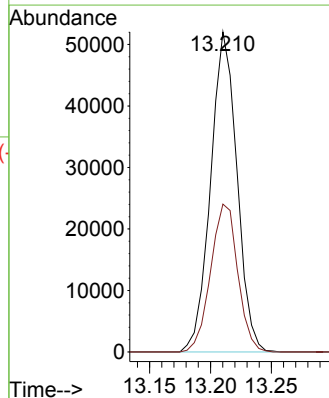
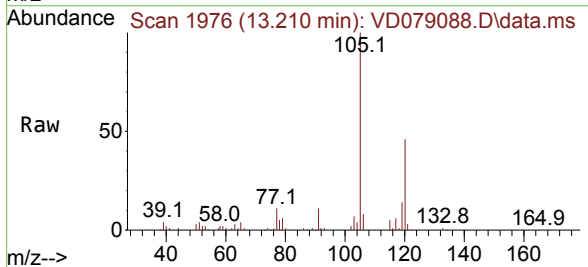
Instrument :
 MSVOA_D
 ClientSampleId :

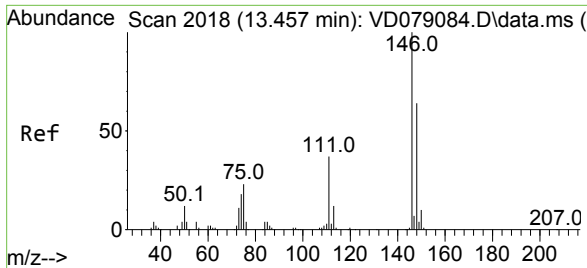
Tgt Ion:105 Resp: 72567
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 16.470 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion:105 Resp: 78401
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.0 57.0

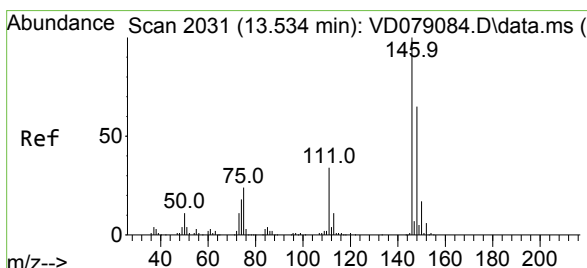
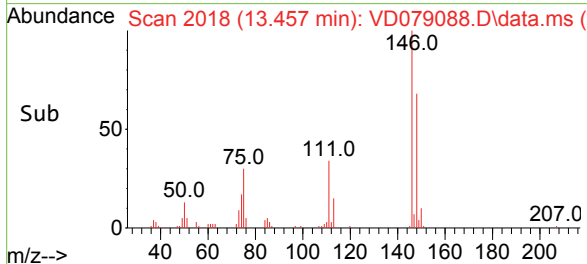
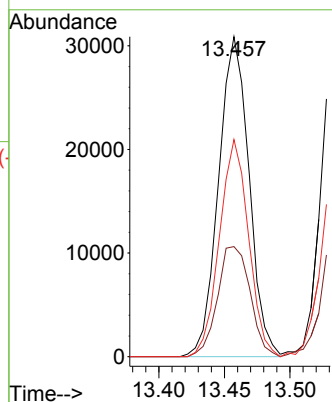
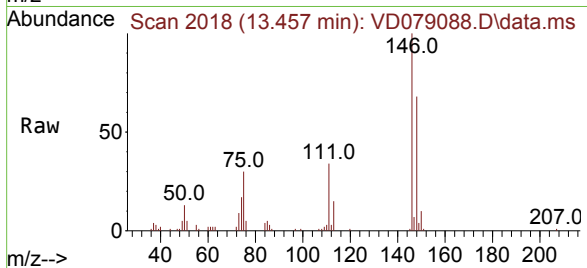




#64
1,3-Dichlorobenzene
Concen: 15.944 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

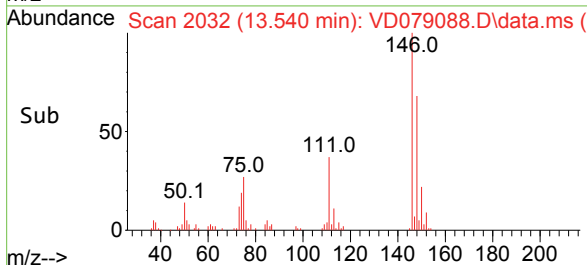
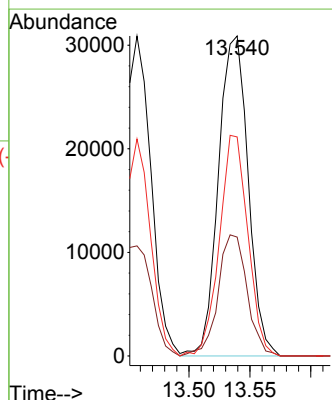
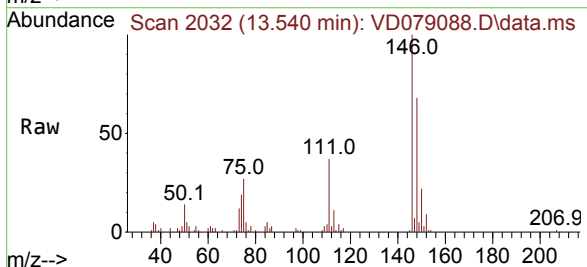
Instrument :
MSVOA_D
ClientSampleId :

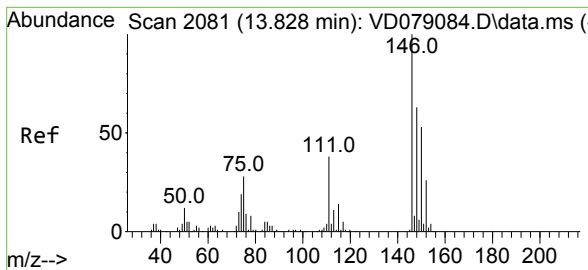
Tgt Ion:146 Resp: 49858
Ion Ratio Lower Upper
146 100
111 34.4 24.4 45.4
148 67.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 15.829 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:146 Resp: 52446
Ion Ratio Lower Upper
146 100
111 37.1 26.3 48.9
148 68.4 43.1 80.1

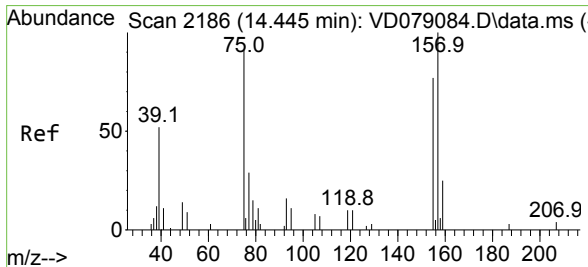
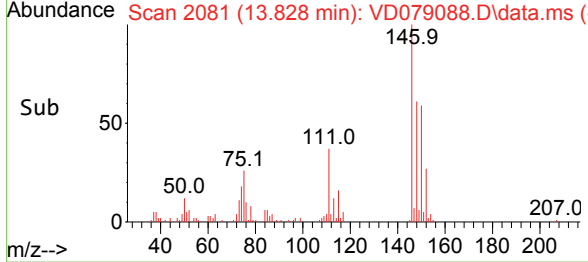
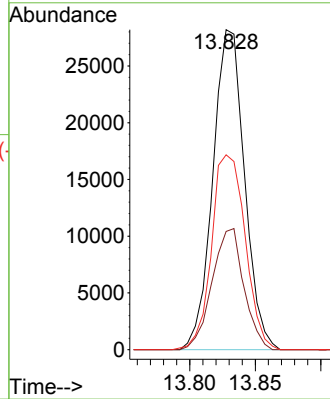
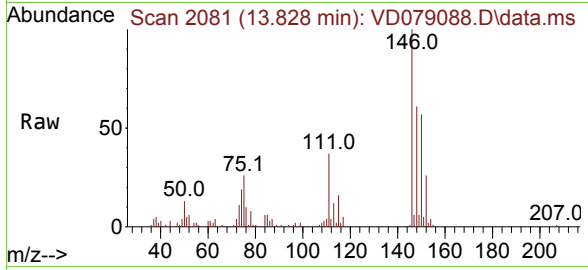




#67
1,2-Dichlorobenzene
Concen: 16.397 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

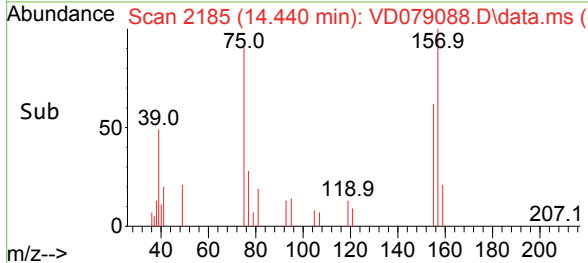
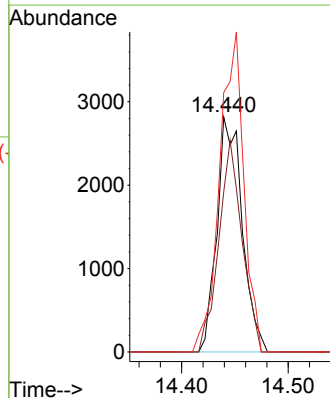
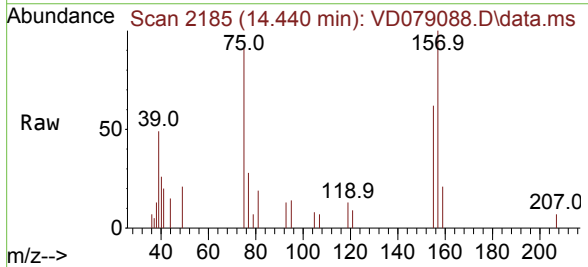
Instrument :
MSVOA_D
ClientSampleId :

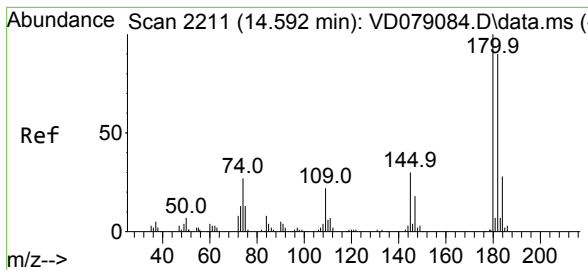
Tgt Ion:146 Resp: 47401
Ion Ratio Lower Upper
146 100
111 36.9 29.1 43.7
148 60.9 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.942 ug/L
RT: 14.440 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

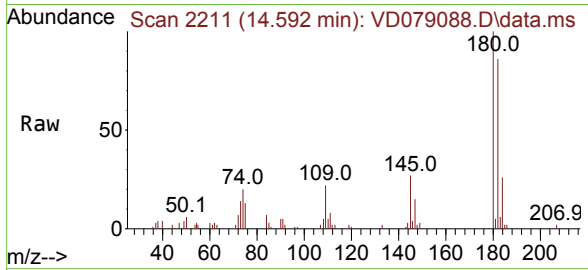
Tgt Ion: 75 Resp: 4635
Ion Ratio Lower Upper
75 100
155 68.1 68.1 102.1
157 110.5 91.6 137.4



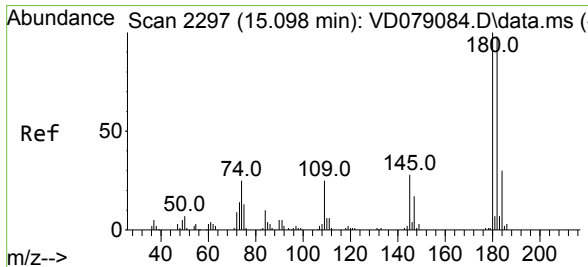
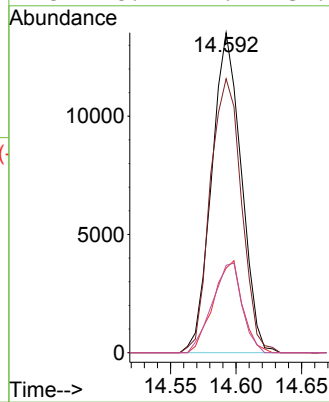
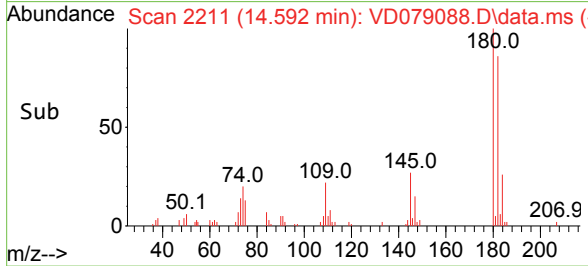


#69
 1,3,5-Trichlorobenzene
 Concen: 10.769 ug/L
 RT: 14.592 min Scan# 21239
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

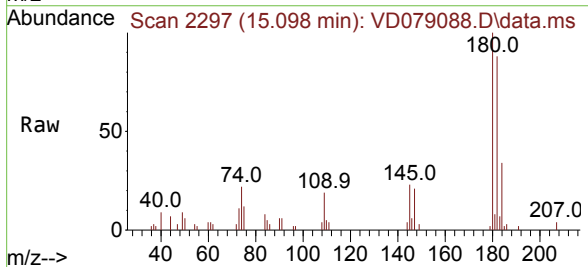
Instrument :
 MSVOA_D
 ClientSampleId :



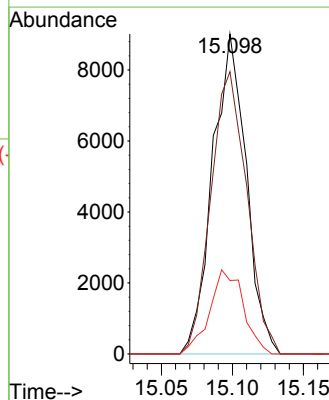
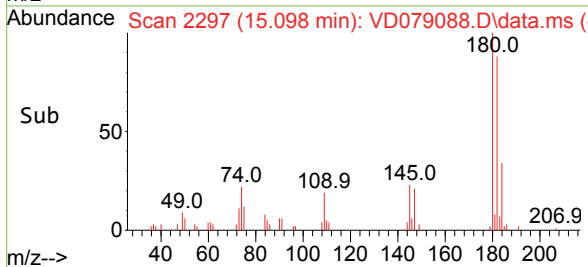
Tgt Ion:180 Resp: 21239
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.9 115.3
 184 28.2 23.3 34.9
 145 28.1 22.7 34.1

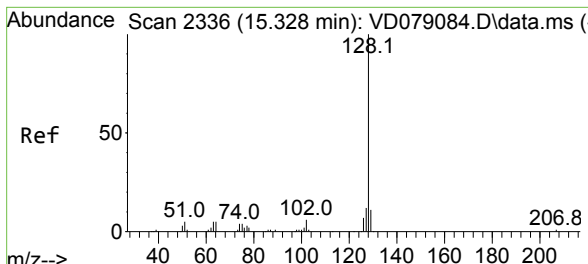


#70
 1,2,4-trichlorobenzene
 Concen: 9.045 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36



Tgt Ion:180 Resp: 14816
 Ion Ratio Lower Upper
 180 100
 182 94.4 73.8 110.6
 145 26.4 22.3 33.5

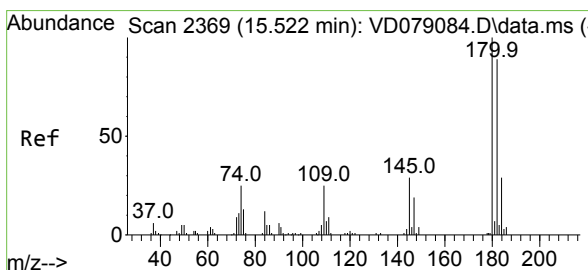
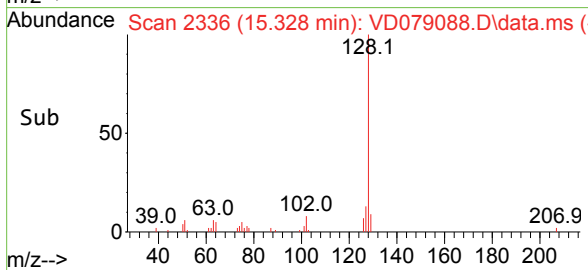
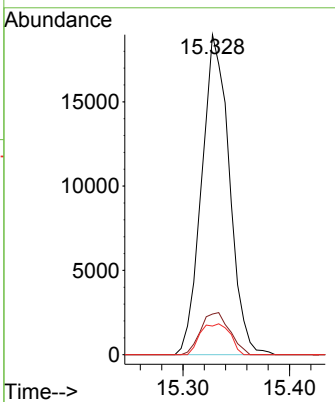
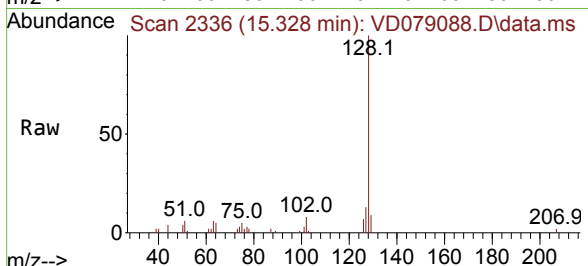




#71
Naphthalene
Concen: 11.188 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	34272
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.8	16.2
129	10.4	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 8.956 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:	180	Resp:	12678
Ion Ratio	Lower	Upper	
180	100		
182	89.9	79.4	119.2
145	29.9	24.7	37.1

