

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079090.D
 Acq On : 30 May 2024 12:30
 Operator : RP/MD
 Sample : P2586-06MS
 Misc : 4.83G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:55:00 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	8.763	114	295863	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.581	117	244716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	74373	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.358	65	76765	8.431	ug/L	0.08
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.720%
7) Chloroethane-d5	2.805	69	9049	1.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	4.120%#
11) 1,1-Dichloroethene-d2	3.922	65	336	0.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.840%#
21) 2-Butanone-d5	7.081	46	1146	1.646	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.300%#
24) Chloroform-d	7.552	84	130319	15.753	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.000%
26) 1,2-Dichloroethane-d4	8.216	65	41549	10.888	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	43.560%#
32) Benzene-d6	8.169	84	294759	21.728	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.920%
36) 1,2-Dichloropropane-d6	9.199	67	48176	12.328	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	49.320%#
41) Toluene-d8	10.263	98	284249	22.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	10.534	79	13800	8.402	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	33.600%
47) 2-Hexanone-d5	10.893	63	3115	6.166	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.340%#
56) 1,1,2,2-Tetrachloroeth...	12.663	84	18125	5.236	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	20.960%#
66) 1,2-Dichlorobenzene-d4	13.816	152	33506	13.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	52.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.023	85	51618	11.021	ug/L #	83
3) Chloromethane	2.193	50	60673	9.720	ug/L	91
5) Vinyl chloride	2.364	62	69044	6.701	ug/L	94
13) Acetone	4.040	43	2406	2.386	ug/L	73
14) Carbon disulfide	4.075	76	191577	13.403	ug/L	99
15) Methyl Acetate	4.805	43	905	0.659	ug/L	98
16) Methylene chloride	4.799	84	10096	1.915	ug/L	87
18) Methyl tert-butyl Ether	5.322	73	60970	7.763	ug/L #	81
19) 1,1-Dichloroethane	6.046	63	30645	4.298	ug/L #	96
20) cis-1,2-Dichloroethene	7.046	96	38524	8.355	ug/L	97
23) Bromochloromethane	7.393	128	12740	5.450	ug/L	86
25) Chloroform	7.581	83	97621	12.060	ug/L	95
27) 1,2-Dichloroethane	8.310	62	39618	8.432	ug/L	98
29) Cyclohexane	7.840	56	42342	9.590	ug/L	86
30) 1,1,1-Trichloroethane	7.763	97	100878	17.411	ug/L #	80
31) Carbon tetrachloride	7.952	117	54363	10.097	ug/L	97
33) Benzene	8.222	78	238607	16.371	ug/L	100
34) Trichloroethene	9.010	95	61790	16.460	ug/L	97
35) Methylcyclohexane	9.252	83	128059	20.587	ug/L	92

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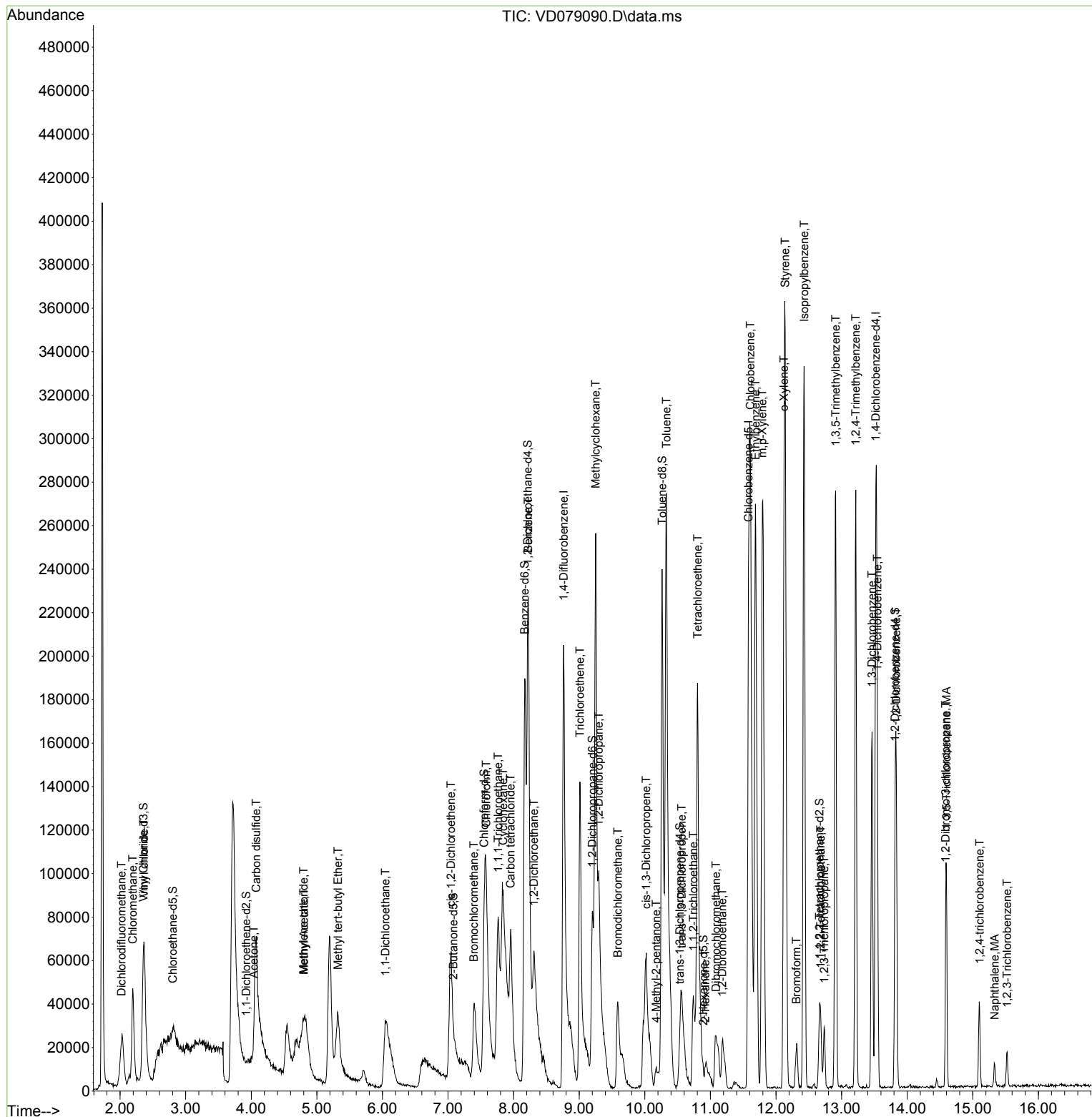
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	9.299	63	36372	10.188	ug/L #	92
38) Bromodichloromethane	9.587	83	41763	8.415	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	48995	8.791	ug/L	97
40) 4-Methyl-2-pentanone	10.175	43	7584	5.089	ug/L #	91
42) Toluene	10.328	91	289290	17.874	ug/L	100
44) trans-1,3-Dichloropropene	10.563	75	44395	9.420	ug/L	87
45) 1,1,2-Trichloroethane	10.740	97	14847	4.740	ug/L	94
46) Tetrachloroethene	10.805	164	60346	18.257	ug/L	96
48) 2-Hexanone	10.922	43	2252	1.746	ug/L	92
49) Dibromochloromethane	11.087	129	19709	5.314	ug/L	98
50) 1,2-Dibromoethane	11.181	107	28243	9.812	ug/L #	96
51) Chlorobenzene	11.610	112	148370	13.778	ug/L	94
52) Ethylbenzene	11.687	91	288146	17.068	ug/L	96
53) m,p-Xylene	11.793	106	131013	19.780	ug/L	99
54) o-Xylene	12.122	106	96709	15.113	ug/L	95
55) Styrene	12.140	104	144006	12.692	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	14680	4.187	ug/L #	91
59) Bromoform	12.310	173	12645	9.277	ug/L #	69
60) Isopropylbenzene	12.428	105	276008	28.066	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	14133	10.763	ug/L	96
62) 1,3,5-Trimethylbenzene	12.910	105	172672	25.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	162301	22.568	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	82259	17.412	ug/L	92
65) 1,4-Dichlorobenzene	13.546	146	73663	14.716	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	46841	10.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.587	75	5071	18.787	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.598	180	35657	11.967	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	13673	5.525	ug/L	100
71) Naphthalene	15.334	128	10059	2.174	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.522	180	6210	2.904	ug/L	99

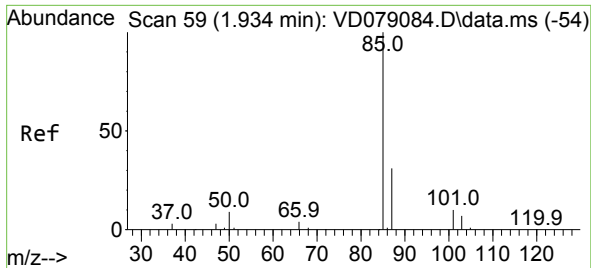
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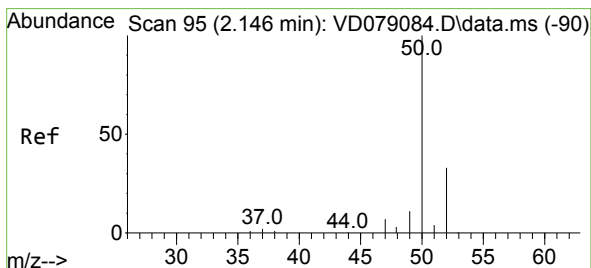
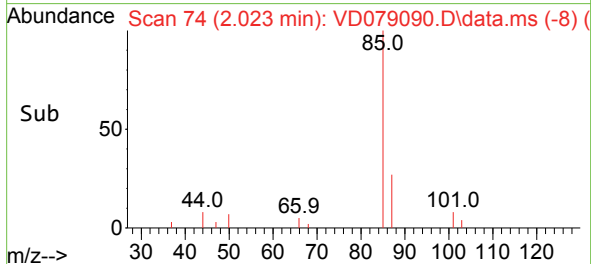
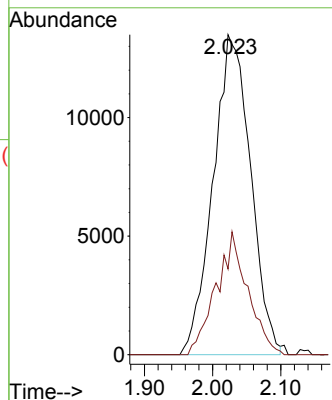
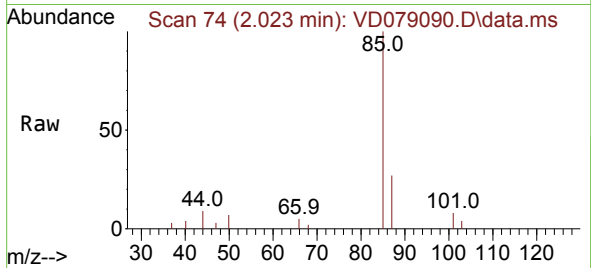




#2
Dichlorodifluoromethane
Concen: 11.021 ug/L
RT: 2.023 min Scan# 74
Delta R.T. 0.088 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

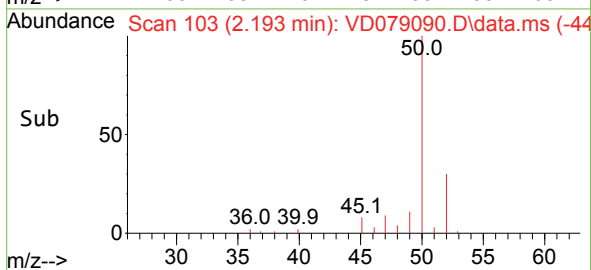
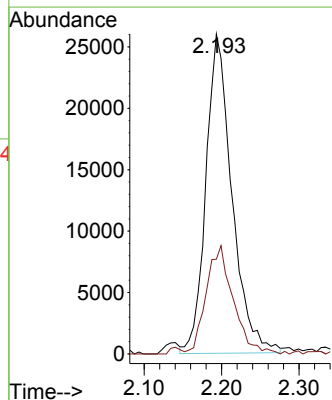
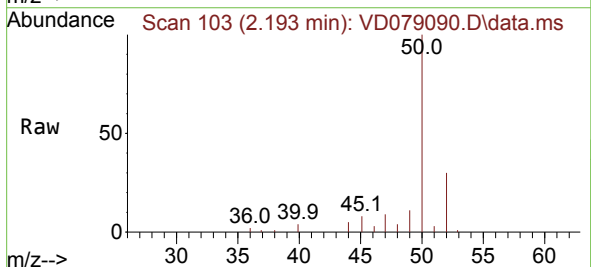
Instrument :
MSVOA_D
ClientSampleId :

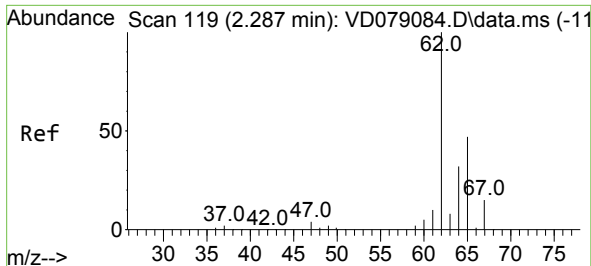
Tgt Ion: 85 Resp: 51618
Ion Ratio Lower Upper
85 100
87 23.4 26.2 39.4#



#3
Chloromethane
Concen: 9.720 ug/L
RT: 2.193 min Scan# 103
Delta R.T. 0.047 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 50 Resp: 60673
Ion Ratio Lower Upper
50 100
52 29.6 24.4 45.2

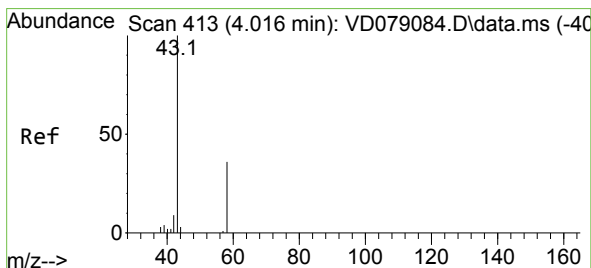
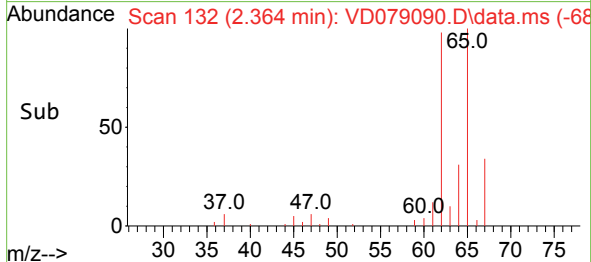
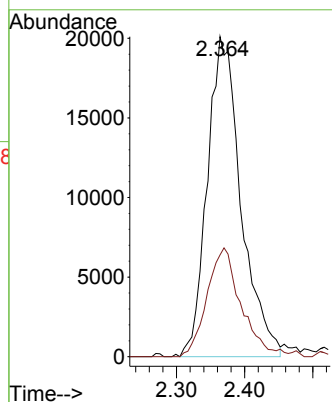
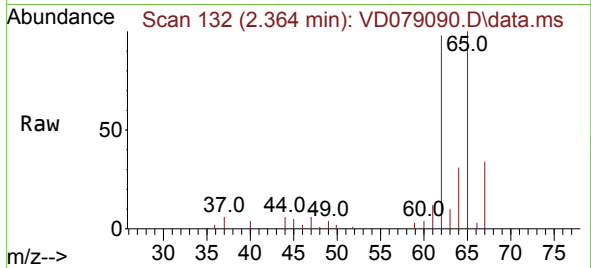




#5
 Vinyl chloride
 Concen: 6.701 ug/L
 RT: 2.364 min Scan# 11
 Delta R.T. 0.077 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

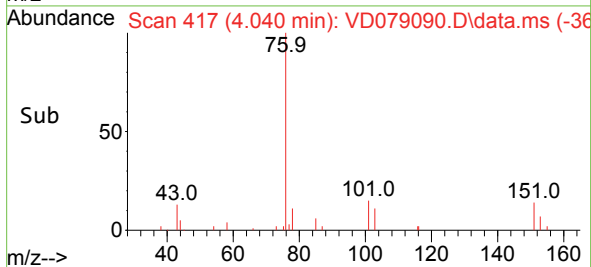
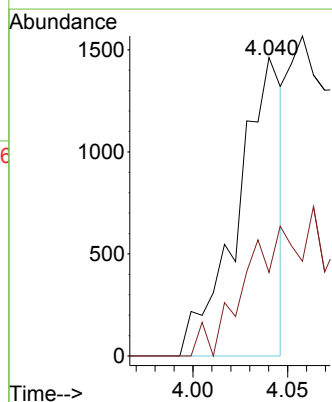
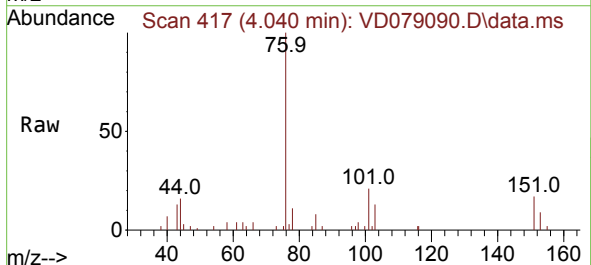
Instrument :
 MSVOA_D
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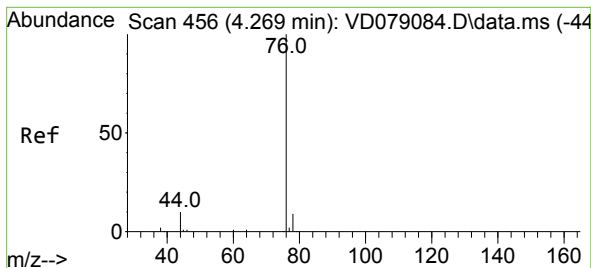
Tgt Ion: 62 Resp: 69044
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.8 46.1



#13
 Acetone
 Concen: 2.386 ug/L
 RT: 4.040 min Scan# 417
 Delta R.T. 0.024 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion: 43 Resp: 2406
 Ion Ratio Lower Upper
 43 100
 58 22.5 0.0 78.2





#14

Carbon disulfide

Concen: 13.403 ug/L

RT: 4.075 min Scan# 41

Delta R.T. -0.194 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

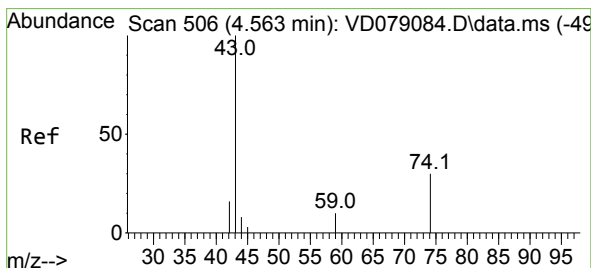
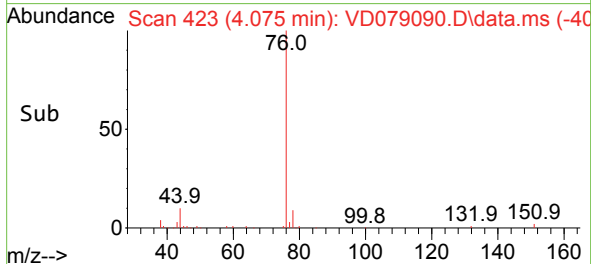
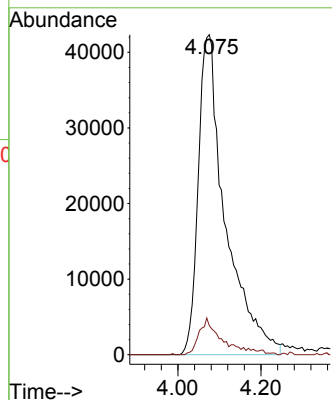
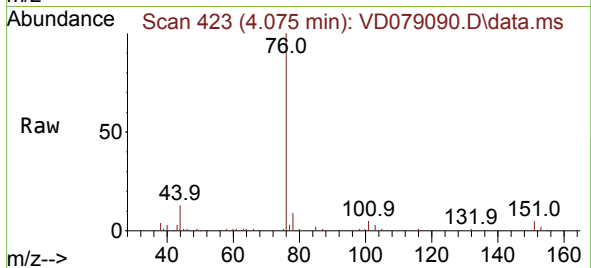
ClientSampleId :

Tgt Ion: 76 Resp: 191577

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#15

Methyl Acetate

Concen: 0.659 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.241 min

Lab File: VD079090.D

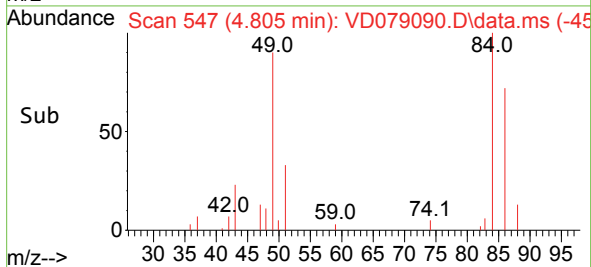
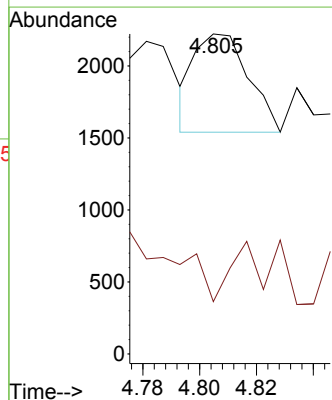
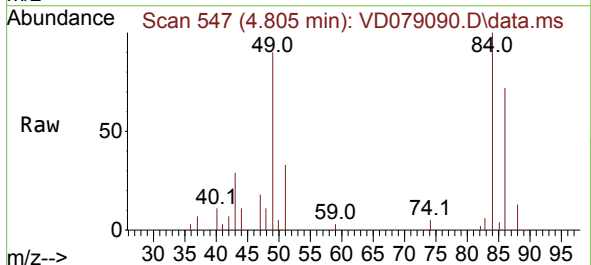
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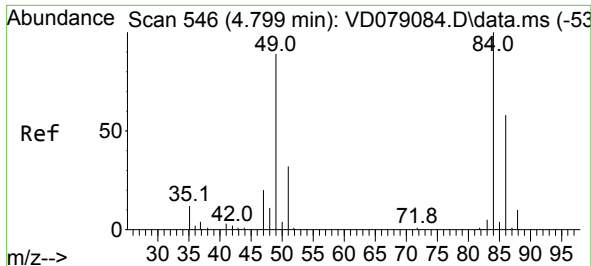
Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

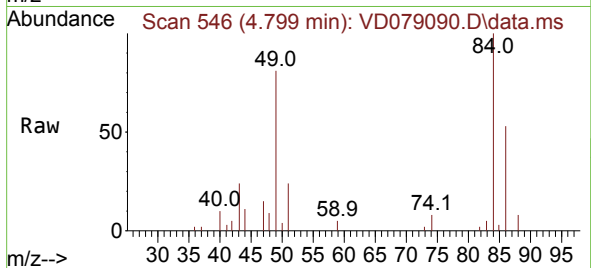
74 28.7 23.8 35.6



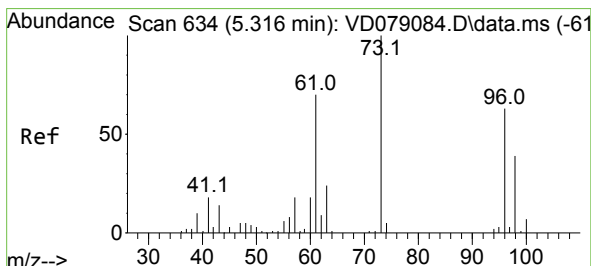
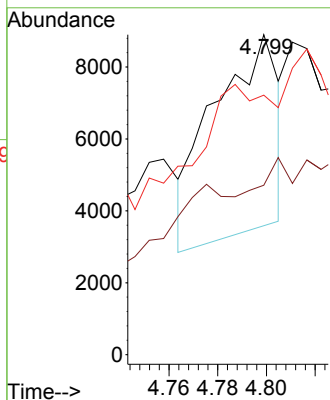
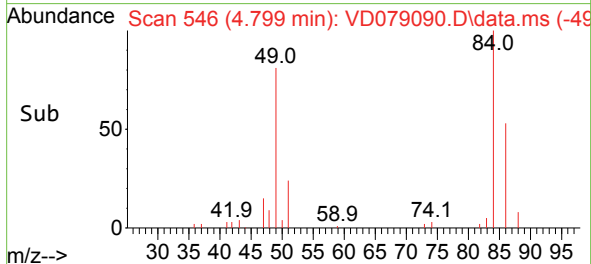


#16
Methylene chloride
Concen: 1.915 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD079090.D
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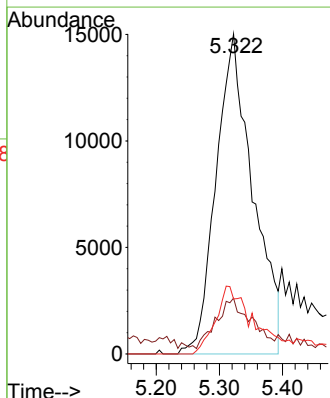
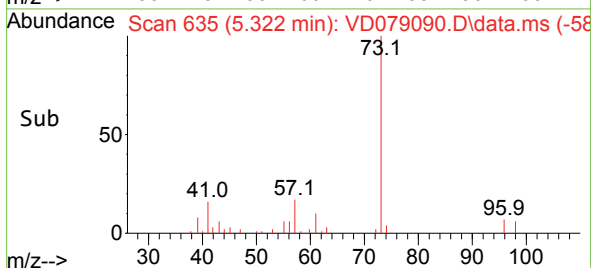
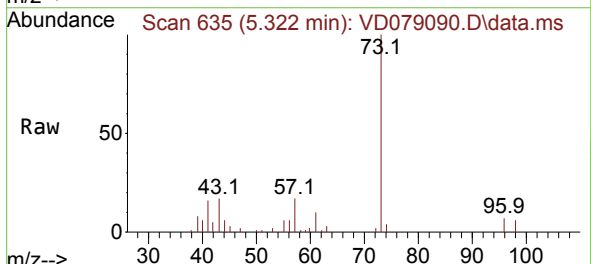


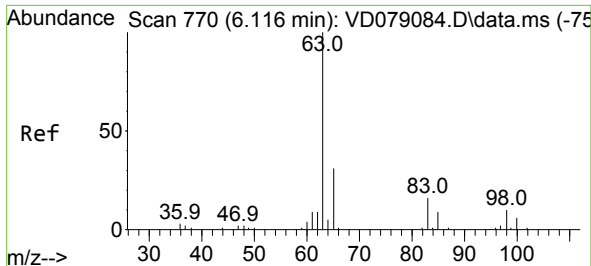
Tgt Ion: 84 Resp: 10096
Ion Ratio Lower Upper
84 100
86 53.0 40.9 76.0
49 81.1 67.5 125.3



#18
Methyl tert-butyl Ether
Concen: 7.763 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
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Tgt Ion: 73 Resp: 60970
Ion Ratio Lower Upper
73 100
43 2.2 12.0 18.0#
57 10.4 9.6 14.4





#19

1,1-Dichloroethane

Concen: 4.298 ug/L

RT: 6.046 min Scan# 71

Delta R.T. -0.070 min

Lab File: VD079090.D

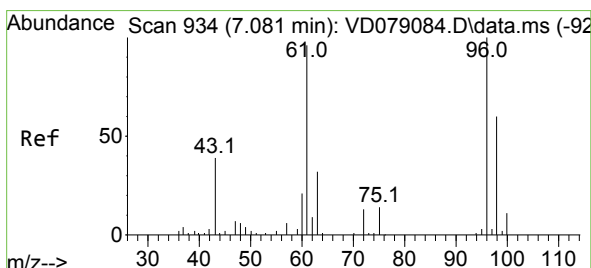
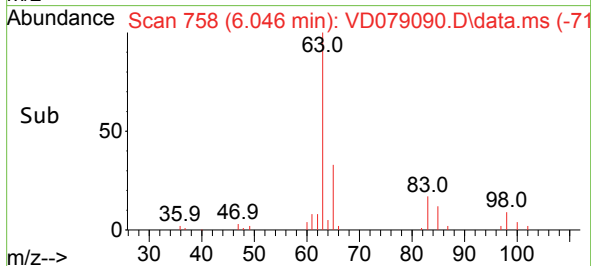
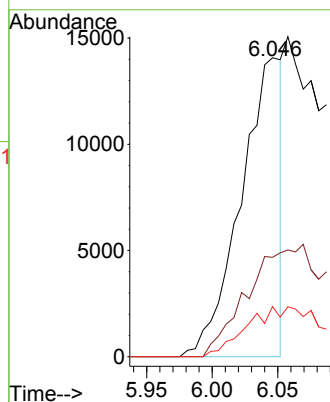
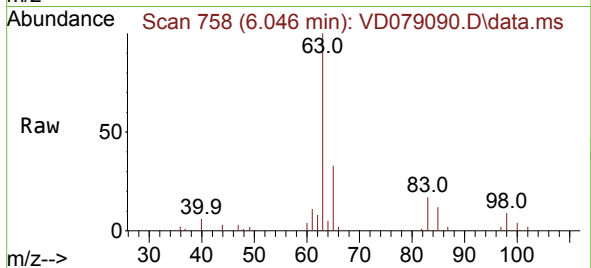
Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 30645
Ion Ratio	Lower Upper
63	100
65	33.3 22.8 42.4
83	16.7 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 8.355 ug/L

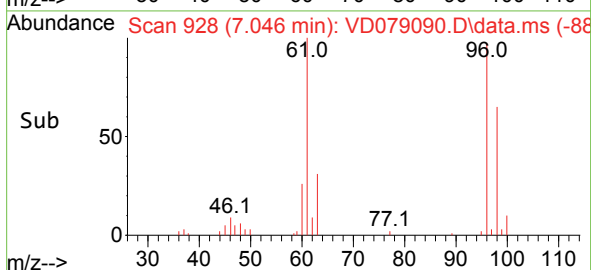
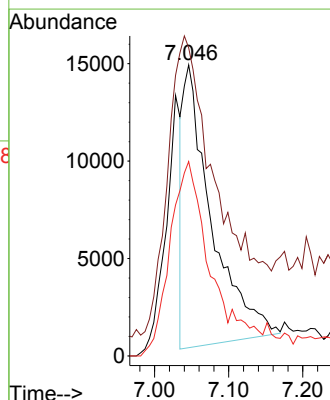
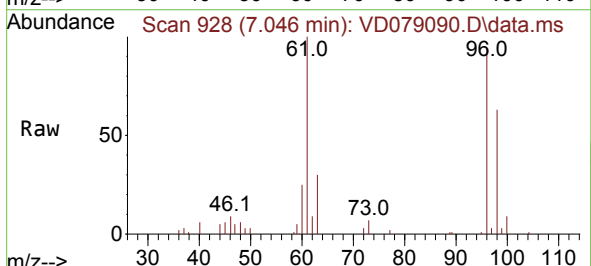
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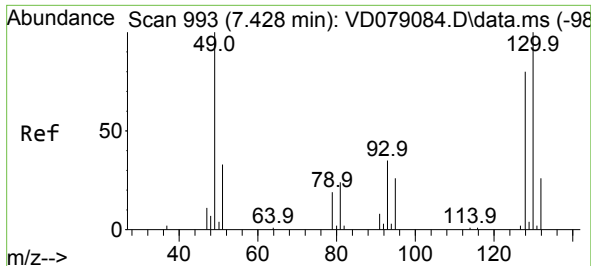
Delta R.T. -0.035 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

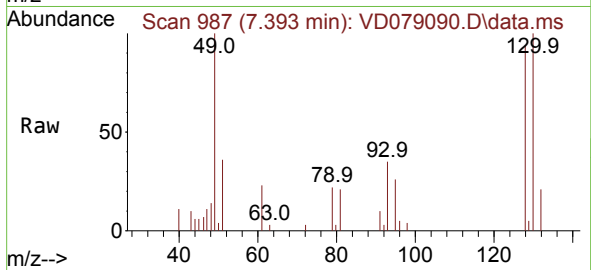
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Ion Ratio	Lower Upper
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61	105.9 72.6 134.8
98	66.8 43.8 81.3



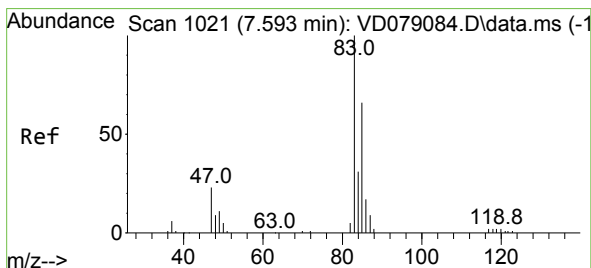
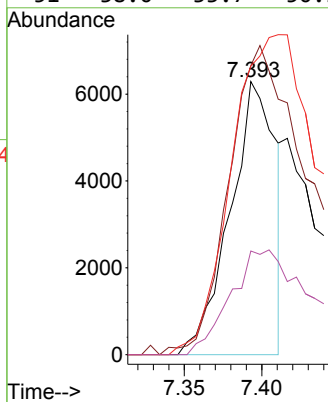
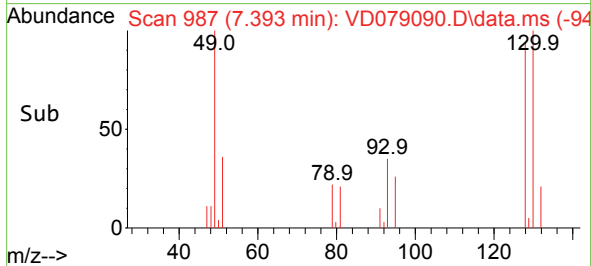


#23
Bromochloromethane
Concen: 5.450 ug/L
RT: 7.393 min Scan# 91
Delta R.T. -0.035 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :

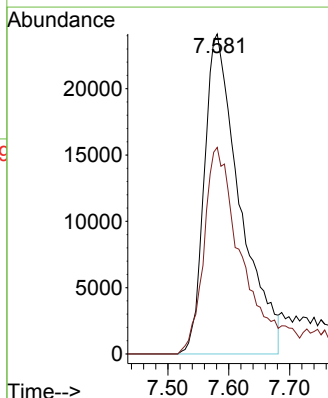
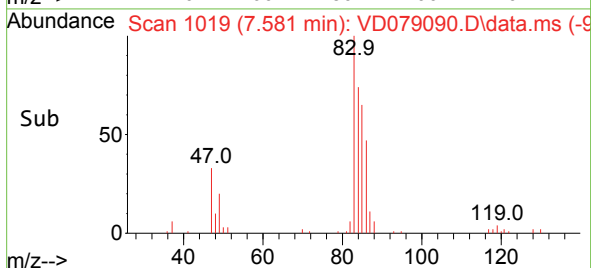
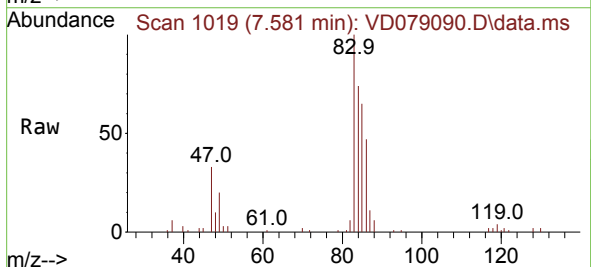


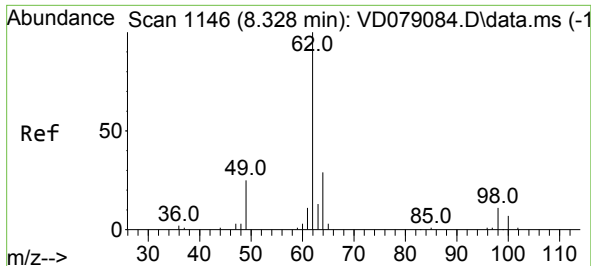
Tgt	Ion:128	Resp:	12740
Ion	Ratio	Lower	Upper
128	100		
49	105.9	81.8	151.8
130	105.6	90.4	167.8
51	38.0	33.7	50.5



#25
Chloroform
Concen: 12.060 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 83	Resp:	97621	
Ion	Ratio	Lower	Upper
83	100		
85	64.6	47.9	89.1

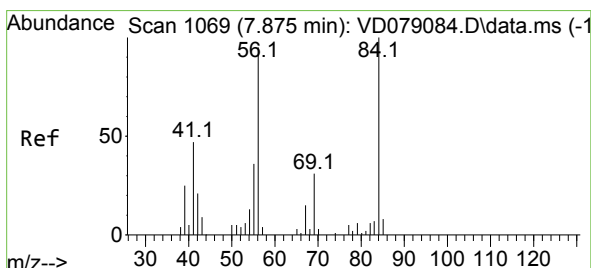
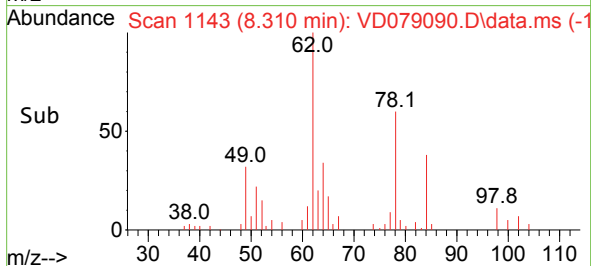
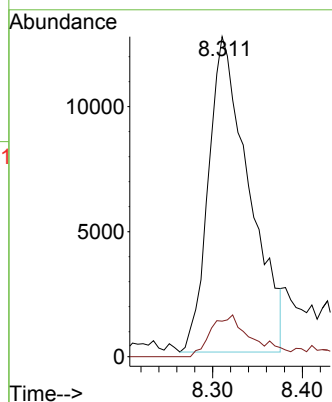
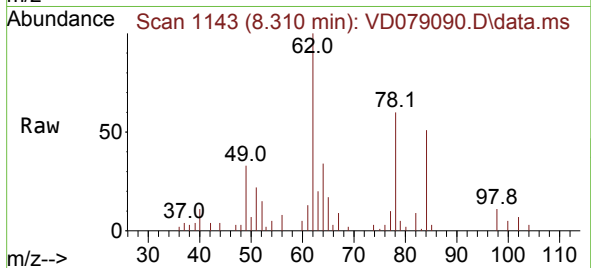




#27
1,2-Dichloroethane
Concen: 8.432 ug/L
RT: 8.310 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

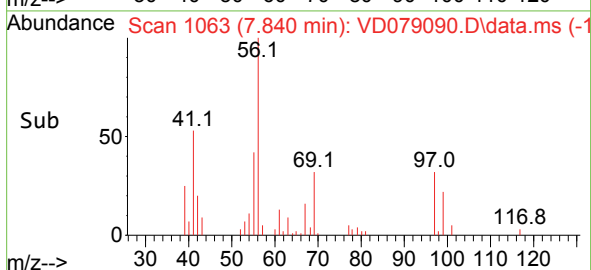
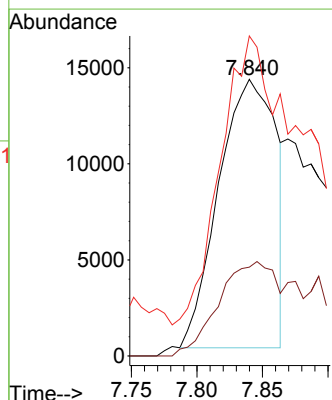
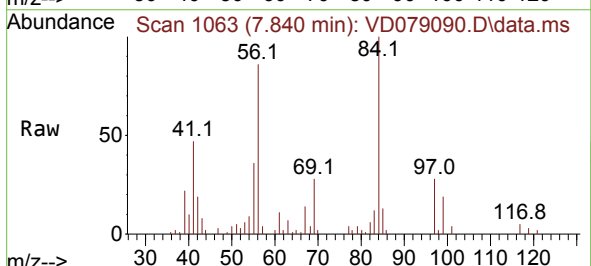
Instrument :
MSVOA_D
ClientSampleId :

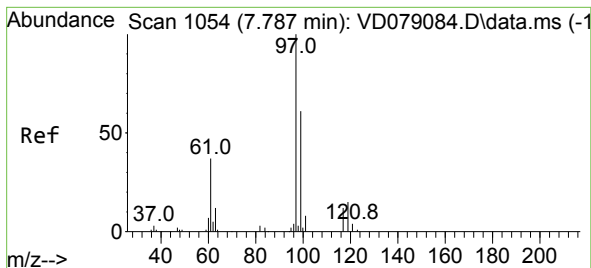
Tgt Ion: 62 Resp: 39618
Ion Ratio Lower Upper
62 100
98 11.1 8.2 12.4



#29
Cyclohexane
Concen: 9.590 ug/L
RT: 7.840 min Scan# 1063
Delta R.T. -0.035 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 56 Resp: 42342
Ion Ratio Lower Upper
56 100
69 35.2 26.6 40.0
84 90.7 87.5 131.3





#30

1,1,1-Trichloroethane

Concen: 17.411 ug/L

RT: 7.763 min Scan# 1050

Delta R.T. -0.023 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

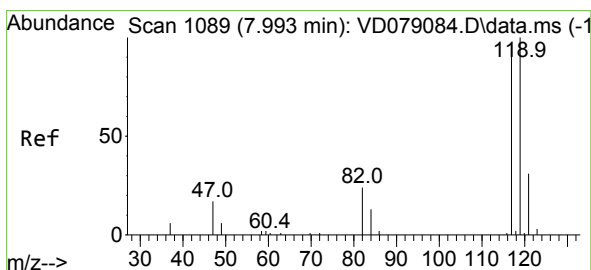
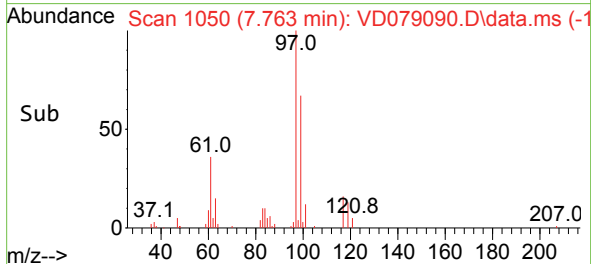
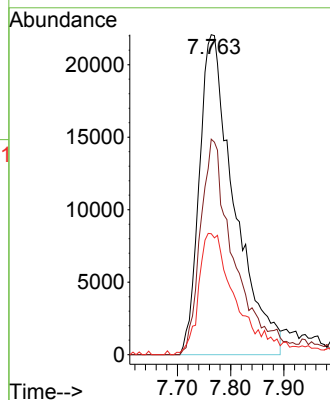
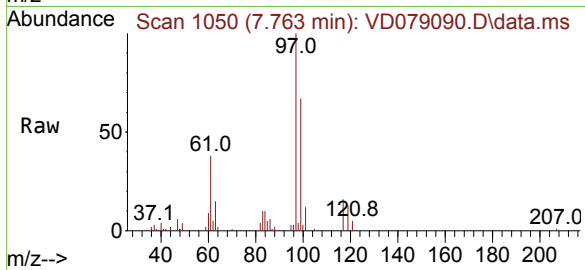
Tgt Ion: 97 Resp: 100878

Ion Ratio Lower Upper

97 100

99 56.7 52.3 78.5

61 17.7 31.7 47.5#



#31

Carbon tetrachloride

Concen: 10.097 ug/L

RT: 7.952 min Scan# 1082

Delta R.T. -0.041 min

Lab File: VD079090.D

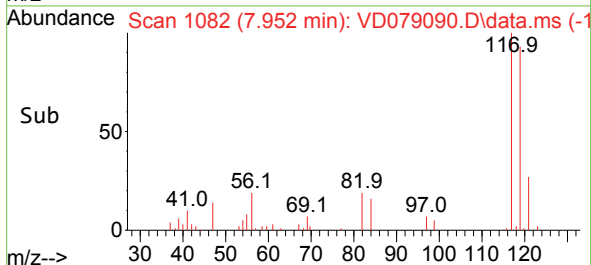
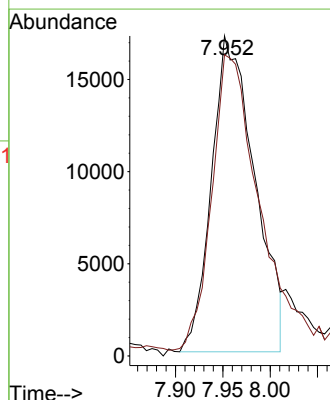
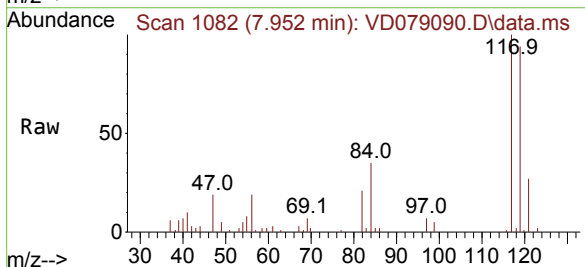
Acq: 30 May 2024 12:30

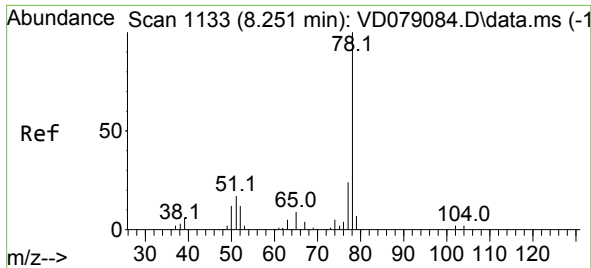
Tgt Ion: 117 Resp: 54363

Ion Ratio Lower Upper

117 100

119 102.9 79.6 119.4

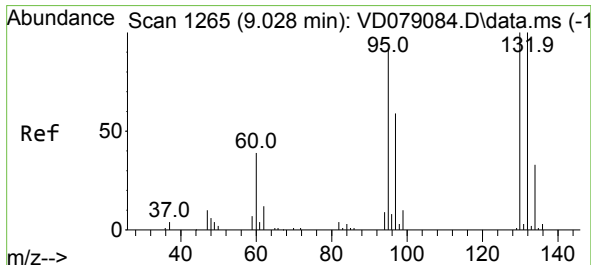
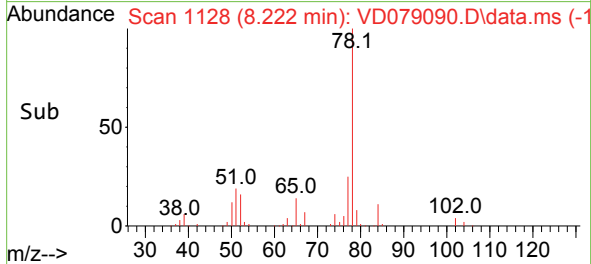
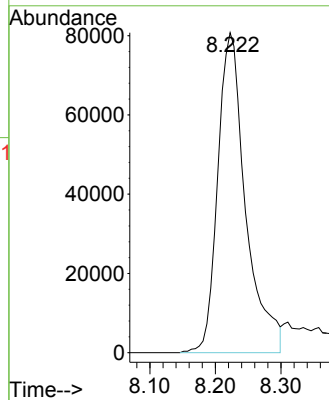
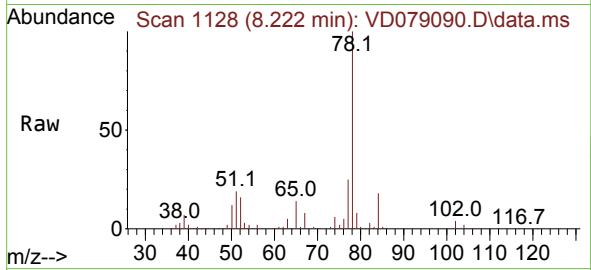




#33
Benzene
Concen: 16.371 ug/L
RT: 8.222 min Scan# 1128
Delta R.T. -0.029 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :

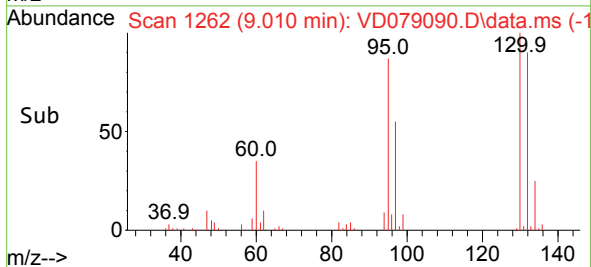
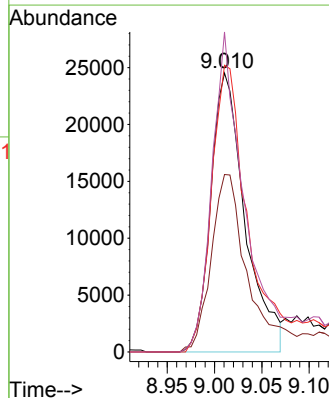
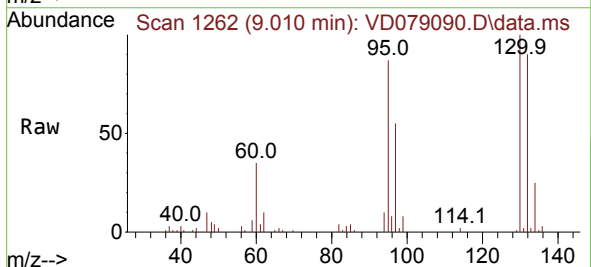
Tgt Ion: 78 Resp: 238607

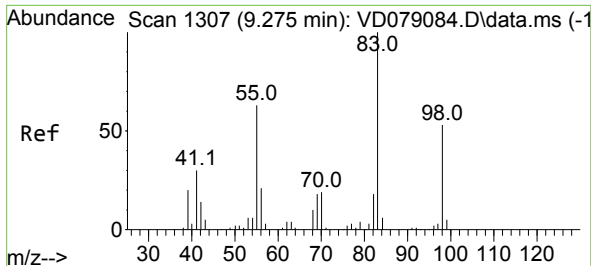


#34
Trichloroethene
Concen: 16.460 ug/L
RT: 9.010 min Scan# 1262
Delta R.T. -0.017 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 95 Resp: 61790

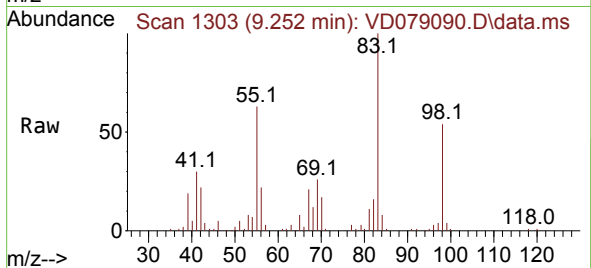
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.6	82.8
132	102.8	74.9	139.1
130	114.7	78.0	144.8



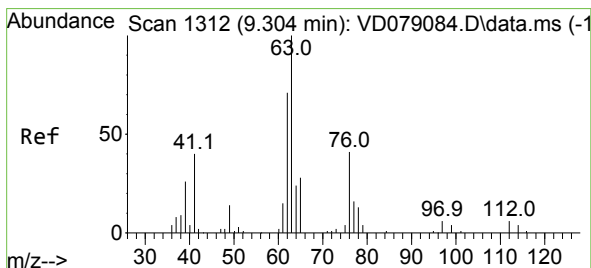
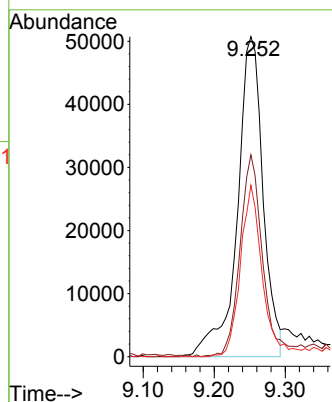
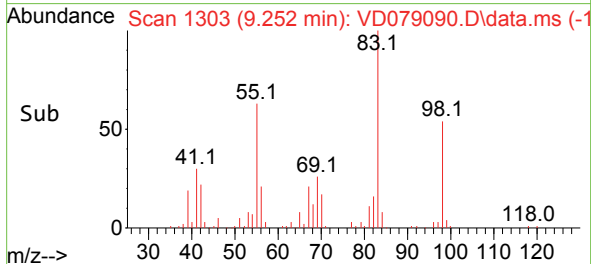


#35
Methylcyclohexane
Concen: 20.587 ug/L
RT: 9.252 min Scan# 1303
Delta R.T. -0.023 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :

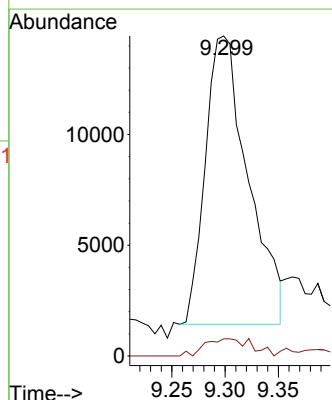
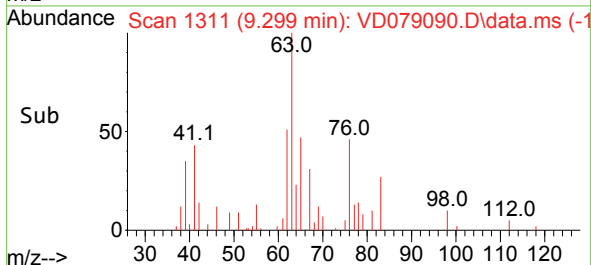
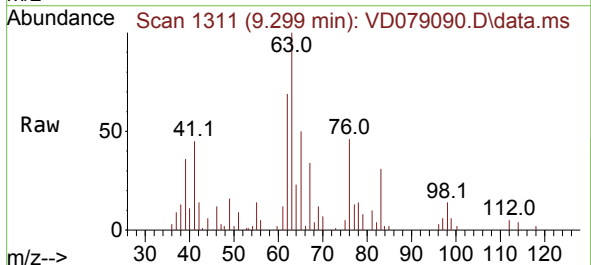


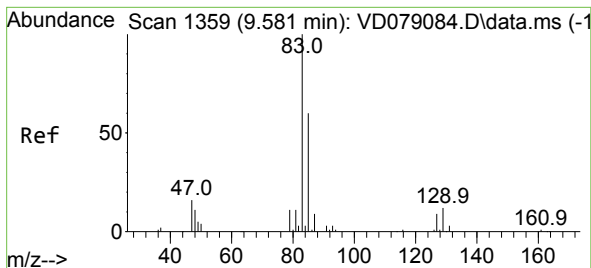
Tgt Ion: 83 Resp: 128059
Ion Ratio Lower Upper
83 100
55 55.3 48.6 72.8
98 43.8 40.2 60.2



#37
1,2-Dichloropropane
Concen: 10.188 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 63 Resp: 36372
Ion Ratio Lower Upper
63 100
112 2.4 3.9 5.9#





#38

Bromodichloromethane

Concen: 8.415 ug/L

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

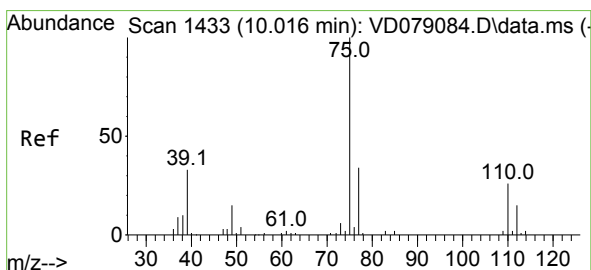
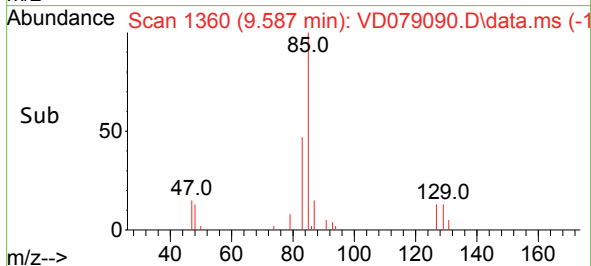
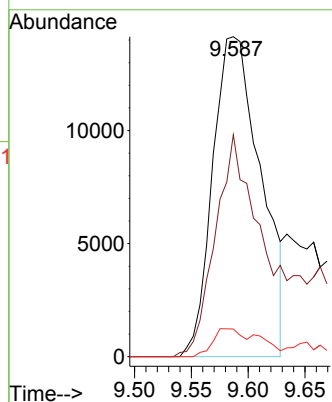
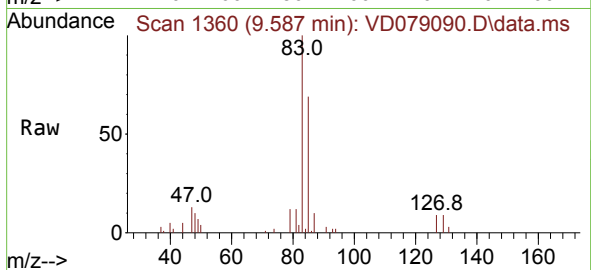
Tgt Ion: 83 Resp: 41763

Ion Ratio Lower Upper

83 100

85 69.3 46.5 86.5

127 8.7 7.0 10.6



#39

cis-1,3-Dichloropropene

Concen: 8.791 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VD079090.D

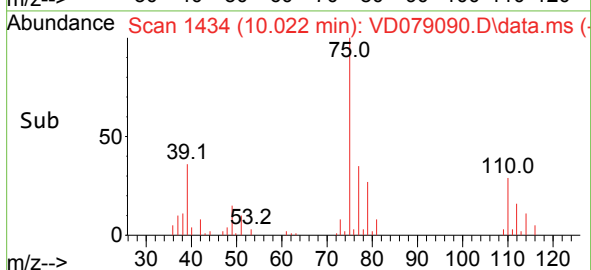
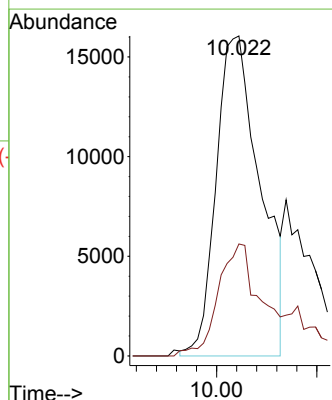
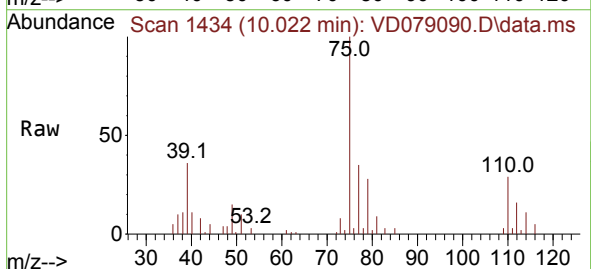
Acq: 30 May 2024 12:30

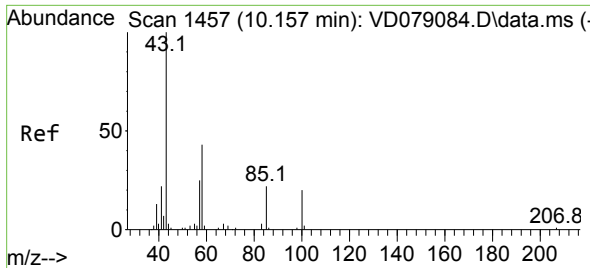
Tgt Ion: 75 Resp: 48995

Ion Ratio Lower Upper

75 100

77 35.0 23.4 43.4

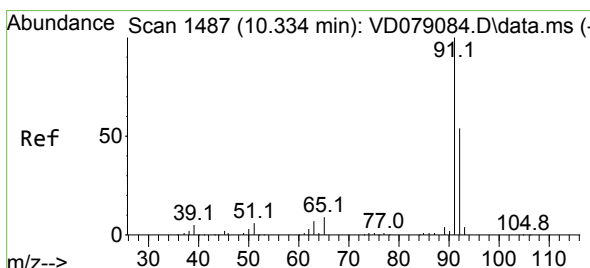
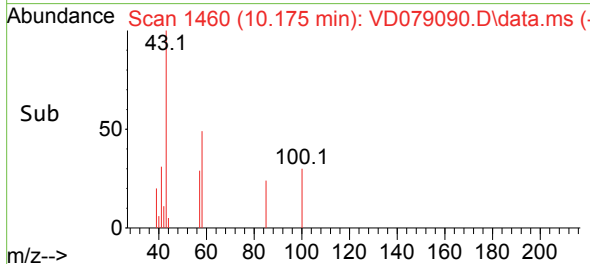
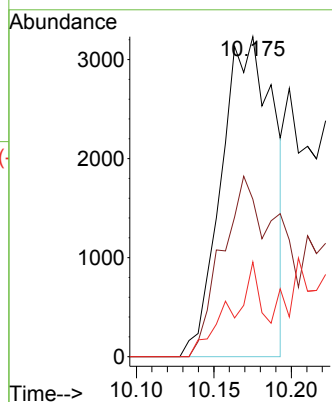
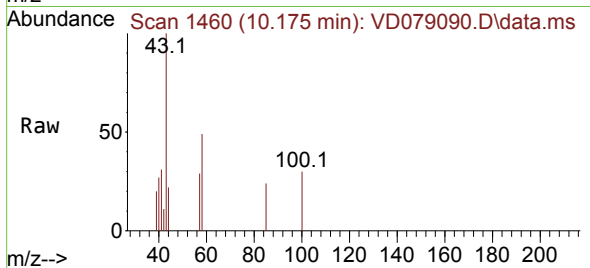




#40
4-Methyl-2-pentanone
Concen: 5.089 ug/L
RT: 10.175 min Scan# 1457
Delta R.T. 0.018 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

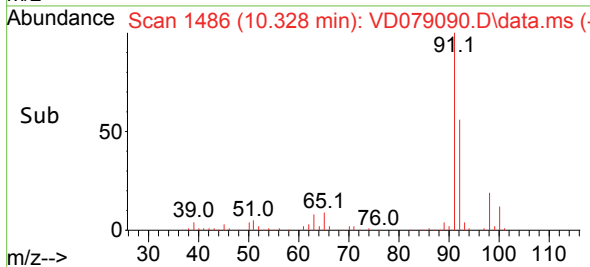
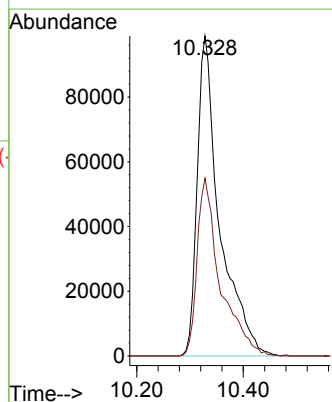
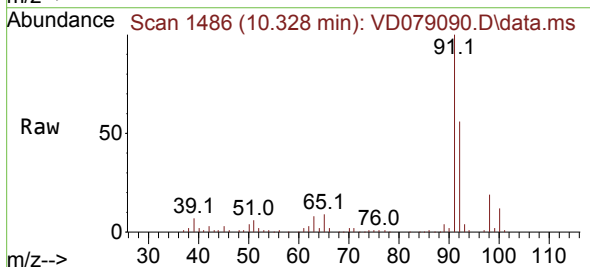
Instrument :
MSVOA_D
ClientSampleId :

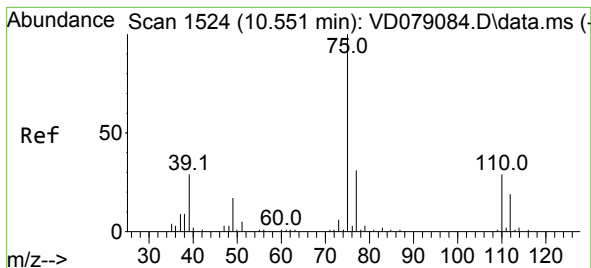
Tgt Ion: 43 Resp: 7584
Ion Ratio Lower Upper
43 100
58 40.9 34.0 51.0
100 10.5 16.9 25.3#



#42
Toluene
Concen: 17.874 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 91 Resp: 289290
Ion Ratio Lower Upper
91 100
92 55.5 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 9.420 ug/L

RT: 10.563 min Scan# 1526

Delta R.T. 0.012 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

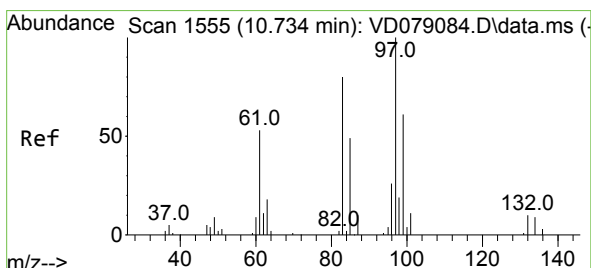
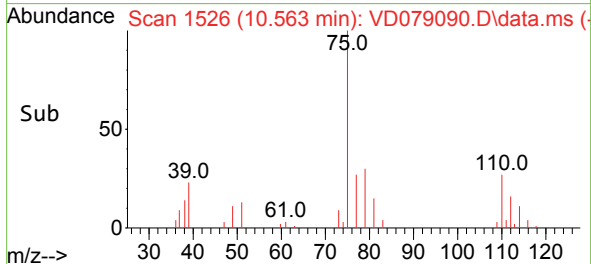
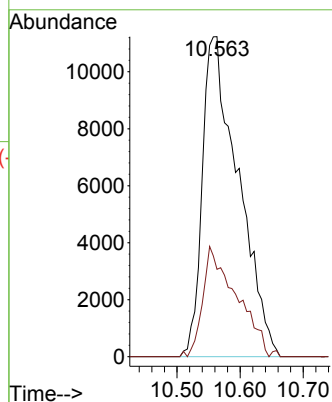
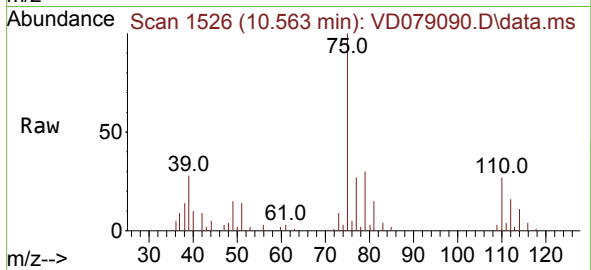
ClientSampleId :

Tgt Ion: 75 Resp: 44395

Ion Ratio Lower Upper

75 100

77 27.3 24.3 45.1



#45

1,1,2-Trichloroethane

Concen: 4.740 ug/L

RT: 10.740 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Tgt Ion: 97 Resp: 14847

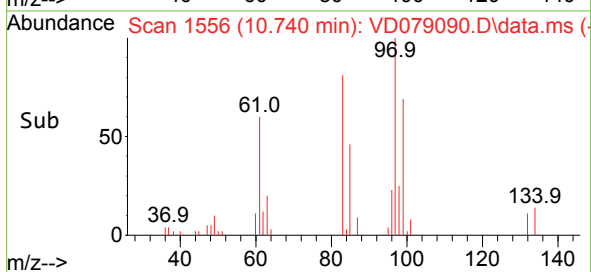
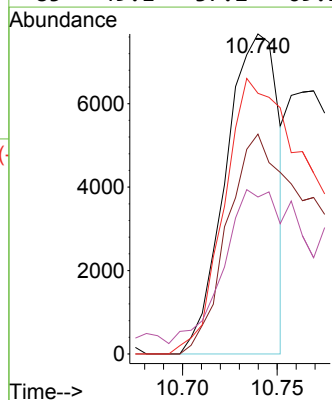
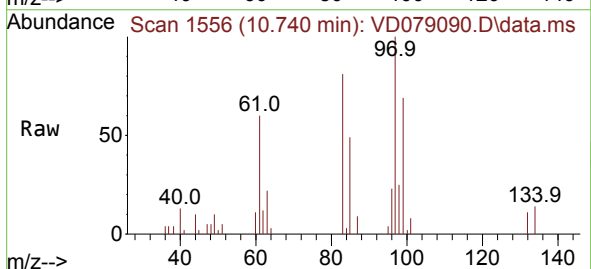
Ion Ratio Lower Upper

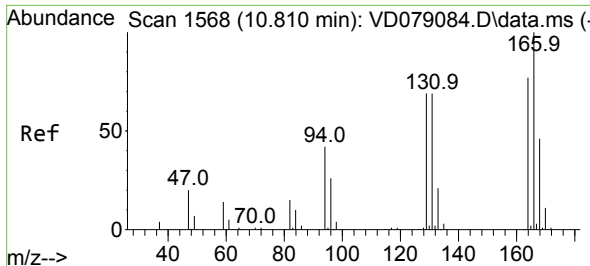
97 100

99 68.7 43.0 79.8

83 81.4 58.9 109.5

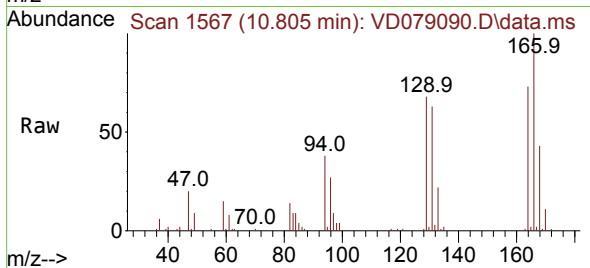
85 49.1 37.2 69.2



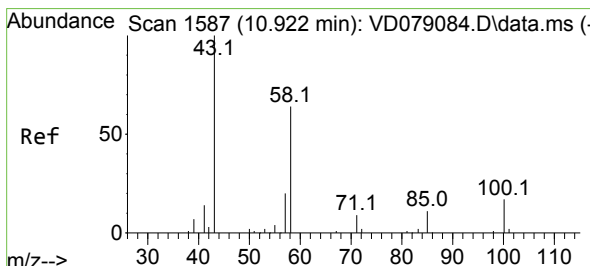
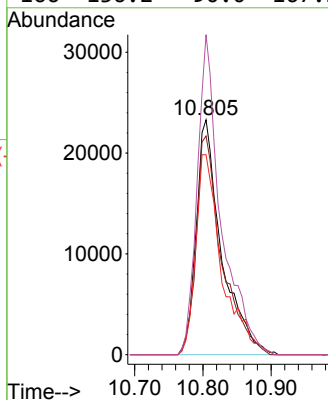
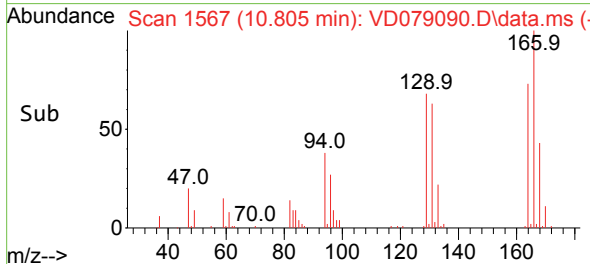


#46
Tetrachloroethene
Concen: 18.257 ug/L
RT: 10.805 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

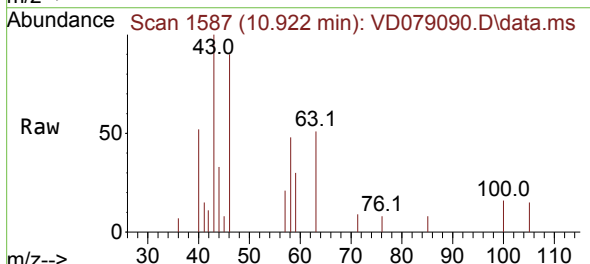
Instrument :
MSVOA_D
ClientSampleId :



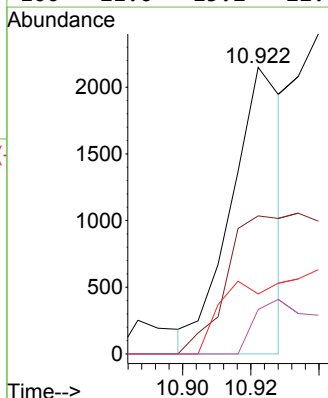
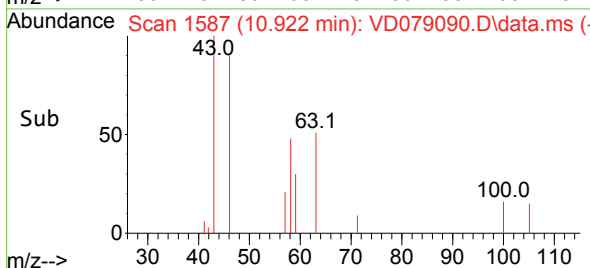
Tgt Ion:164 Resp: 60346
Ion Ratio Lower Upper
164 100
129 93.1 64.3 119.5
131 85.2 61.2 113.8
166 136.2 90.0 167.2

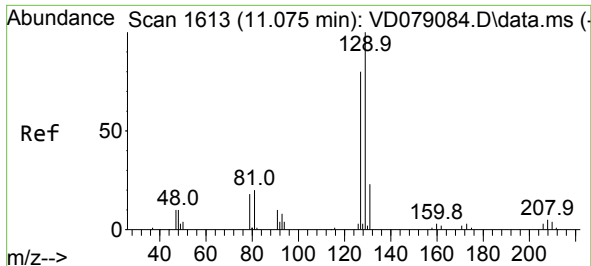


#48
2-Hexanone
Concen: 1.746 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30



Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 53.7 50.1 75.1
57 21.4 16.5 24.7
100 21.0 15.2 22.8





#49

Dibromochloromethane

Concen: 5.314 ug/L

RT: 11.087 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

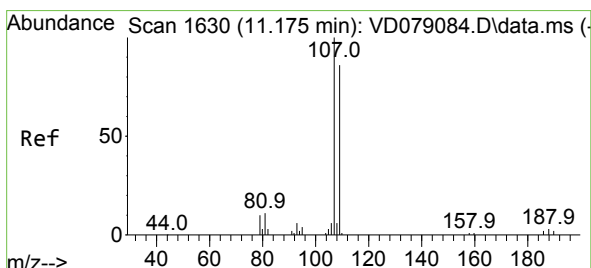
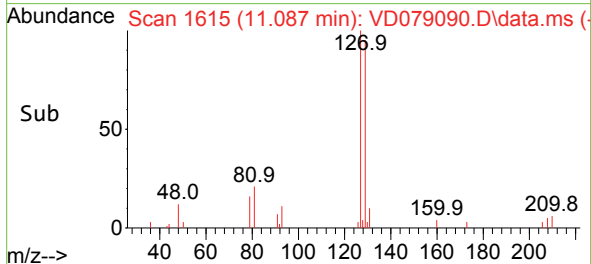
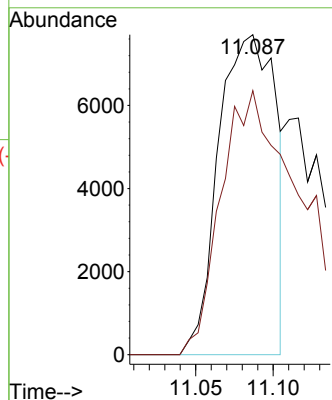
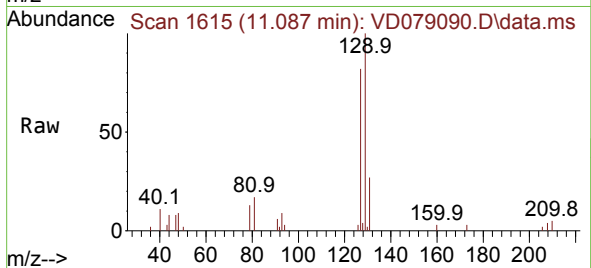
ClientSampleId :

Tgt Ion:129 Resp: 19709

Ion Ratio Lower Upper

129 100

127 82.5 56.4 104.7



#50

1,2-Dibromoethane

Concen: 9.812 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

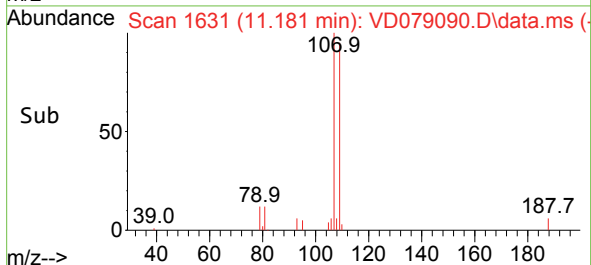
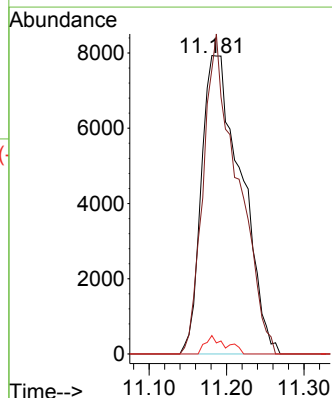
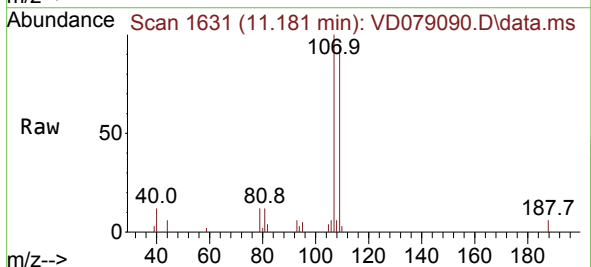
Tgt Ion:107 Resp: 28243

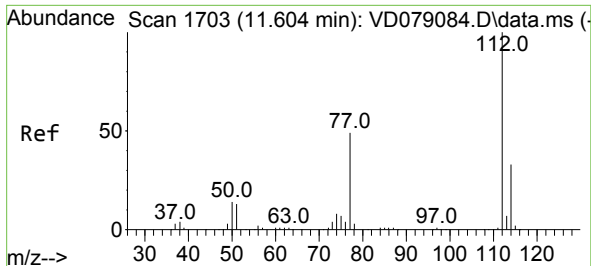
Ion Ratio Lower Upper

107 100

109 95.4 64.5 119.7

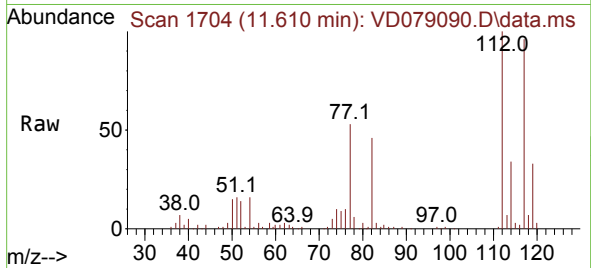
188 6.2 2.6 3.8#



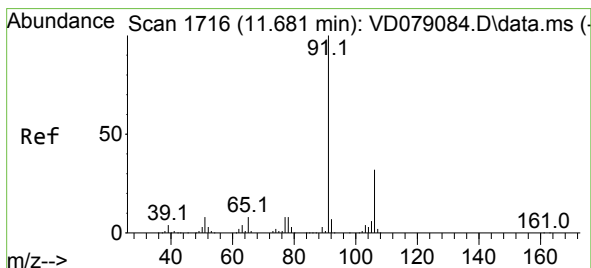
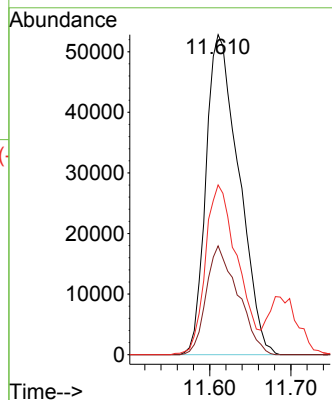
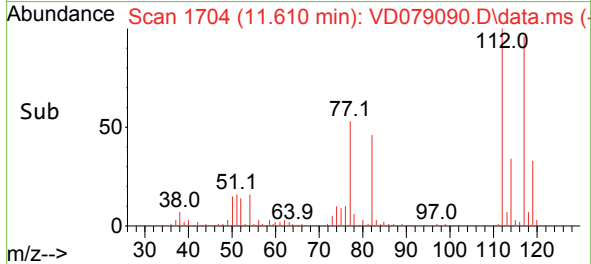


#51
Chlorobenzene
Concen: 13.778 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :

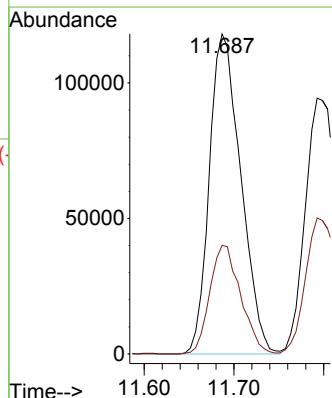
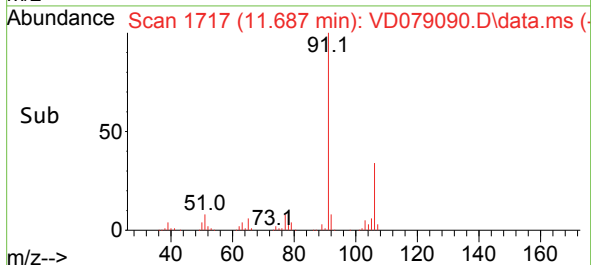
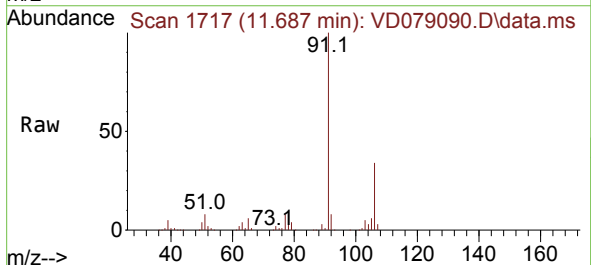


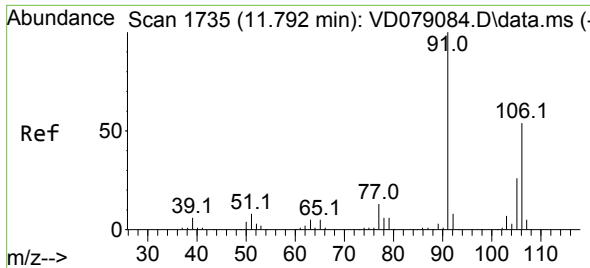
Tgt Ion:112 Resp: 148370
Ion Ratio Lower Upper
112 100
114 34.0 22.7 42.3
77 53.0 38.4 57.6



#52
Ethylbenzene
Concen: 17.068 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 91 Resp: 288146
Ion Ratio Lower Upper
91 100
106 34.0 22.3 41.5

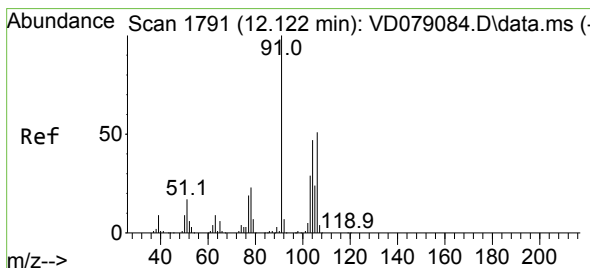
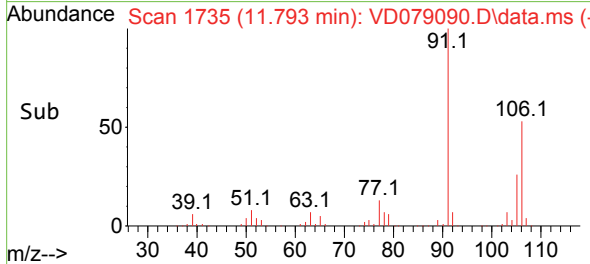
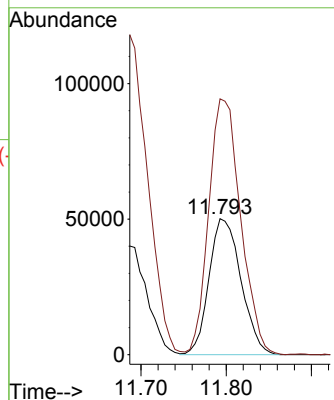
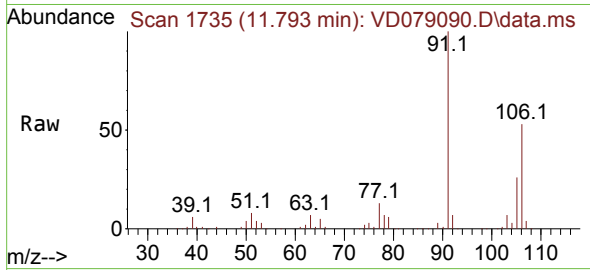




#53
m,p-Xylene
Concen: 19.780 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

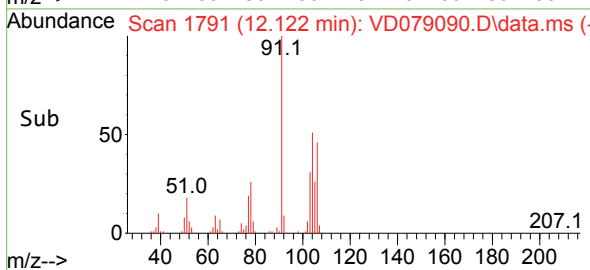
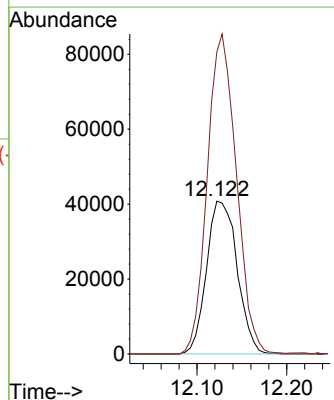
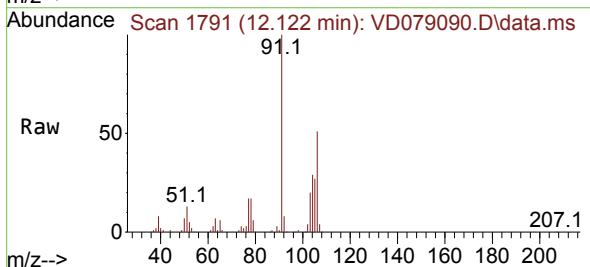
Instrument :
MSVOA_D
ClientSampleId :

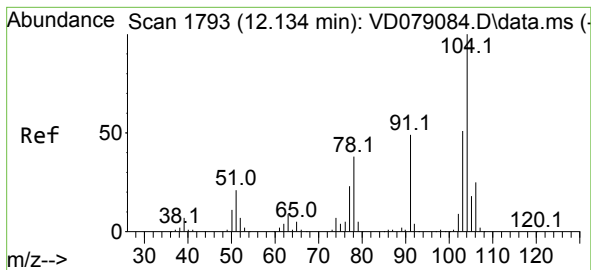
Tgt Ion:106 Resp: 131013
Ion Ratio Lower Upper
106 100
91 188.1 133.1 247.1



#54
o-Xylene
Concen: 15.113 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:106 Resp: 96709
Ion Ratio Lower Upper
106 100
91 197.7 132.9 246.9





#55

Styrene

Concen: 12.692 ug/L

RT: 12.140 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

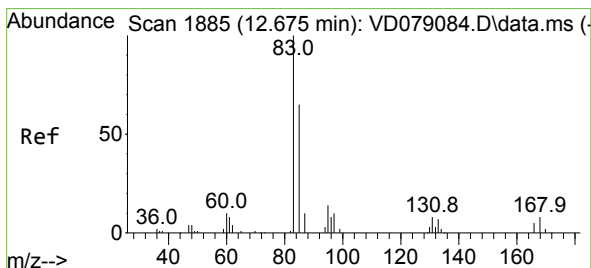
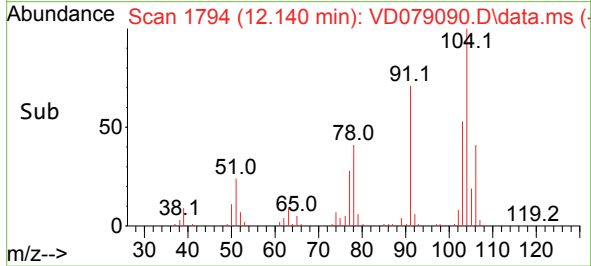
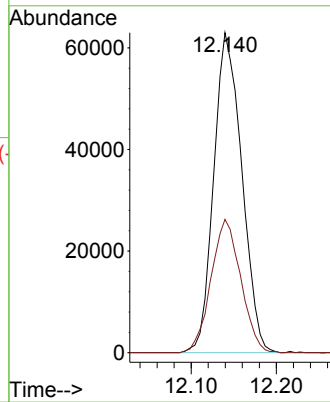
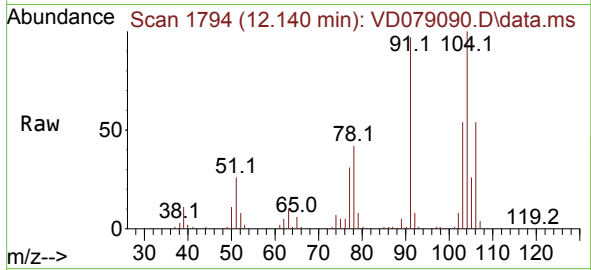
ClientSampleId :

Tgt Ion:104 Resp: 144006

Ion Ratio Lower Upper

104 100

78 41.7 27.8 51.6



#57

1,1,2,2-Tetrachloroethane

Concen: 4.187 ug/L

RT: 12.681 min Scan# 1886

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

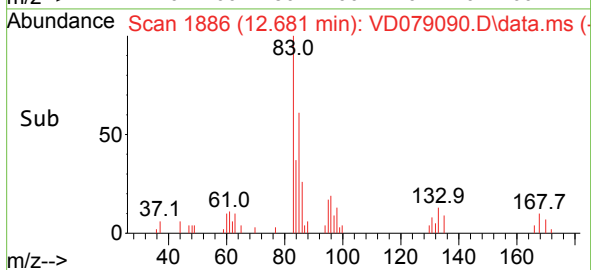
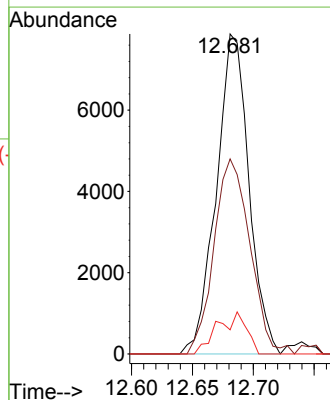
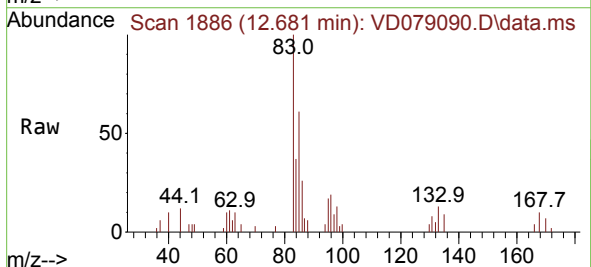
Tgt Ion: 83 Resp: 14680

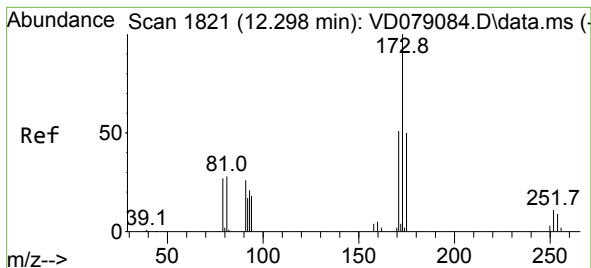
Ion Ratio Lower Upper

83 100

85 60.9 47.5 88.1

131 7.5 8.6 13.0#





#59

Bromoform

Concen: 9.277 ug/L

RT: 12.310 min Scan# 1823

Delta R.T. 0.012 min

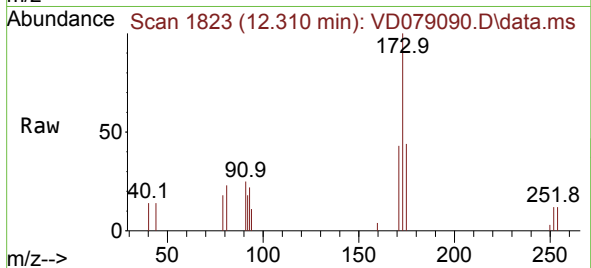
Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :



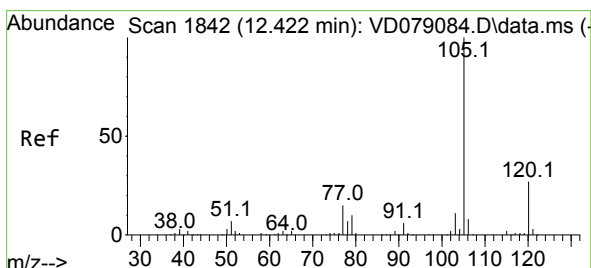
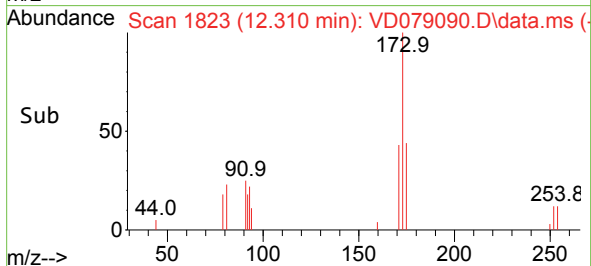
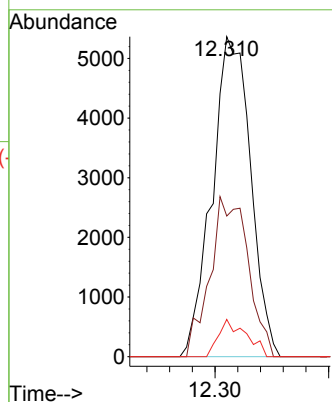
Tgt Ion:173 Resp: 12645

Ion Ratio Lower Upper

173 100

175 24.8 38.2 57.4#

254 4.6 7.0 10.6#



#60

Isopropylbenzene

Concen: 28.066 ug/L

RT: 12.428 min Scan# 1843

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

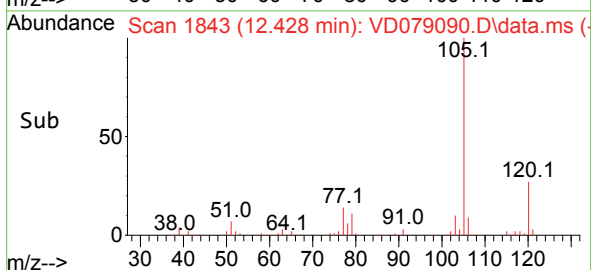
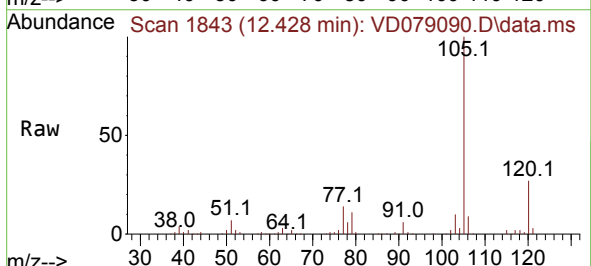
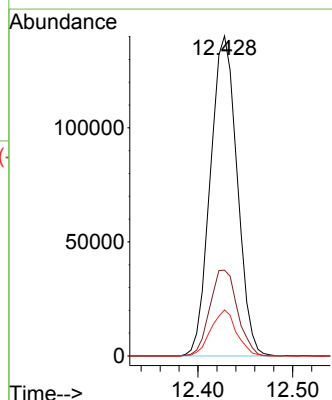
Tgt Ion:105 Resp: 276008

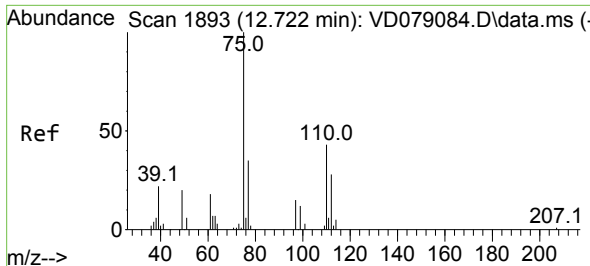
Ion Ratio Lower Upper

105 100

120 27.7 21.9 32.9

77 13.8 10.9 16.3

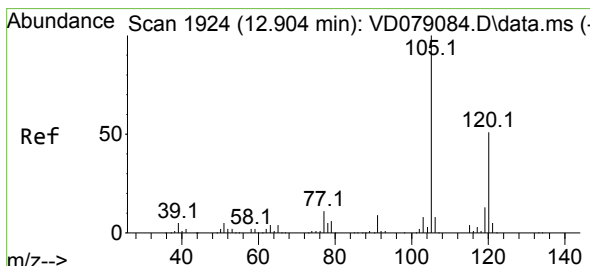
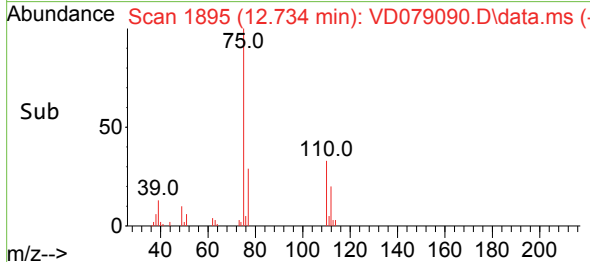
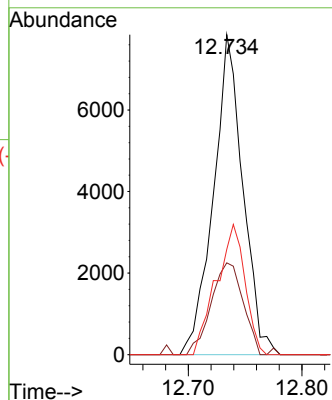
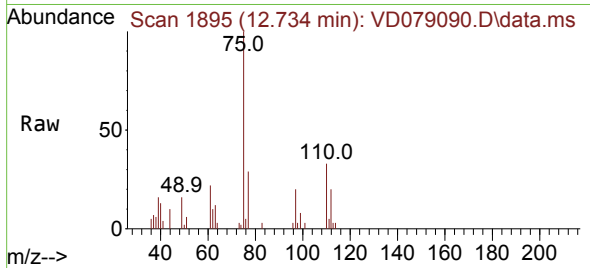




#61
1,2,3-Trichloropropane
Concen: 10.763 ug/L
RT: 12.734 min Scan# 1895
Delta R.T. 0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

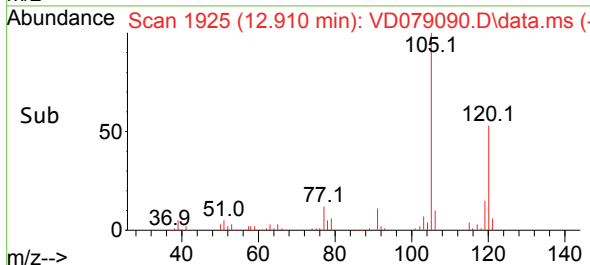
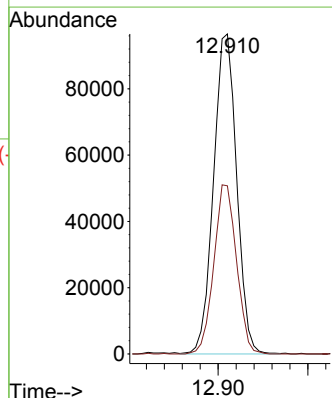
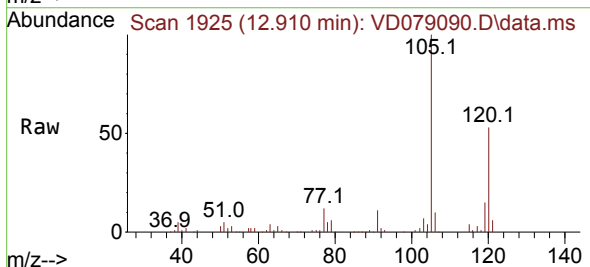
Instrument :
MSVOA_D
ClientSampleId :

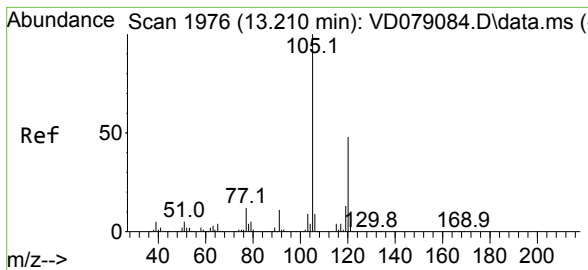
Tgt Ion: 75 Resp: 14133
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9
110 39.8 34.2 51.4



#62
1,3,5-Trimethylbenzene
Concen: 25.680 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 105 Resp: 172672
Ion Ratio Lower Upper
105 100
120 51.8 40.7 61.1

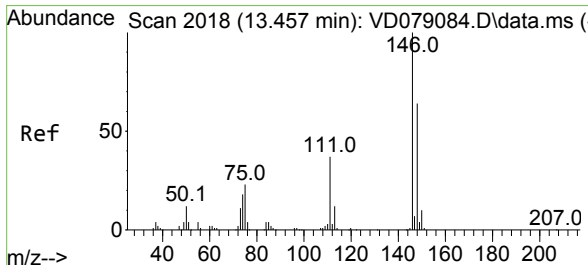
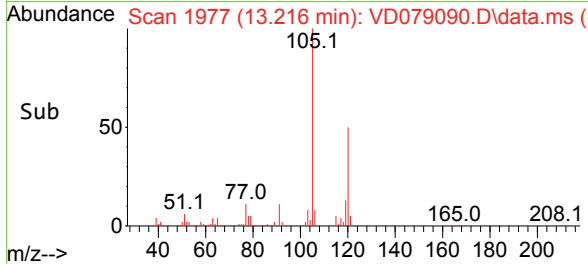
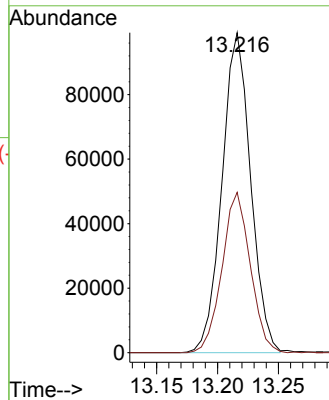
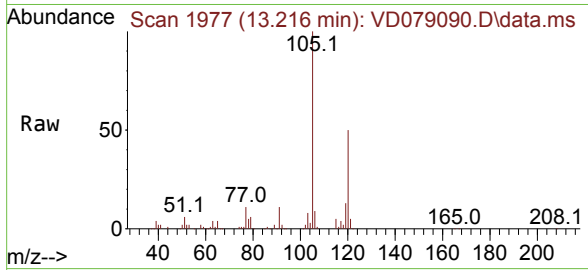




#63
1,2,4-Trimethylbenzene
Concen: 22.568 ug/L
RT: 13.216 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

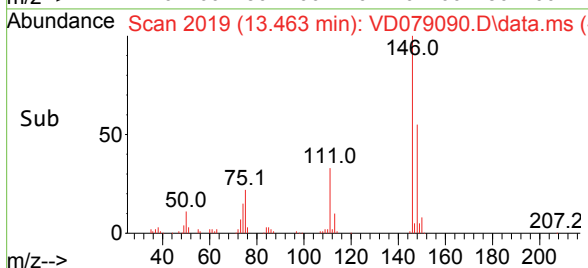
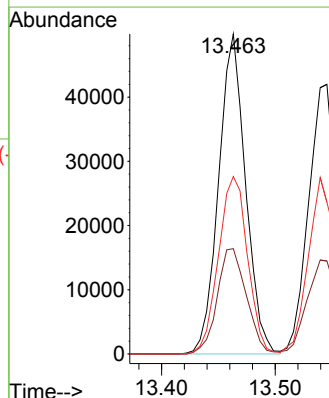
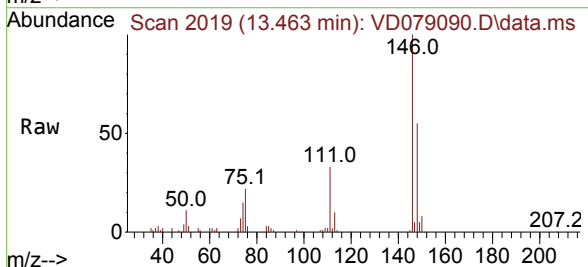
Instrument :
MSVOA_D
ClientSampleId :

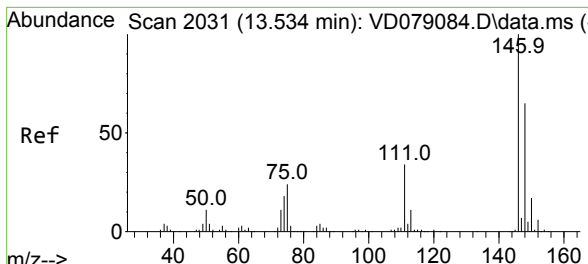
Tgt Ion:105 Resp: 162301
Ion Ratio Lower Upper
105 100
120 49.4 38.0 57.0



#64
1,3-Dichlorobenzene
Concen: 17.412 ug/L
RT: 13.463 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:146 Resp: 82259
Ion Ratio Lower Upper
146 100
111 32.9 24.4 45.4
148 55.5 44.9 83.3

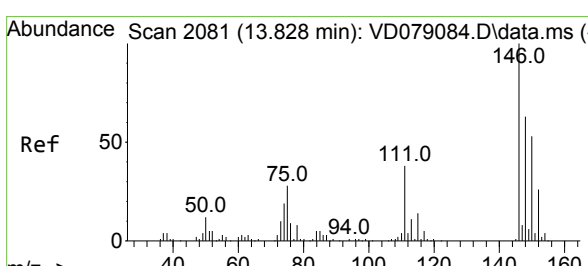
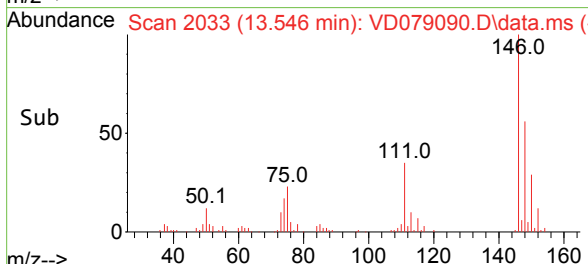
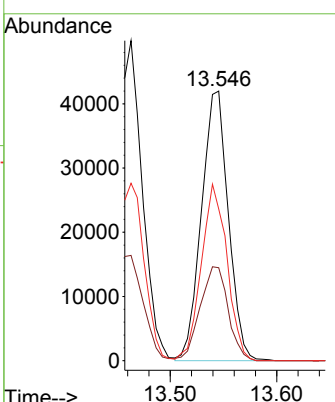
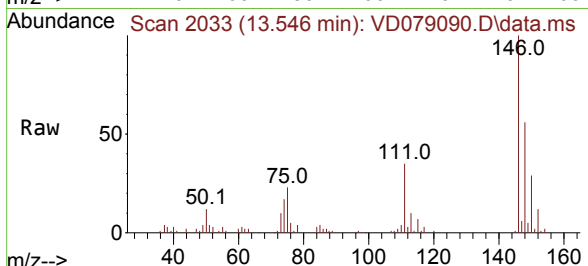




#65
 1,4-Dichlorobenzene
 Concen: 14.716 ug/L
 RT: 13.546 min Scan# 2033
 Delta R.T. 0.012 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

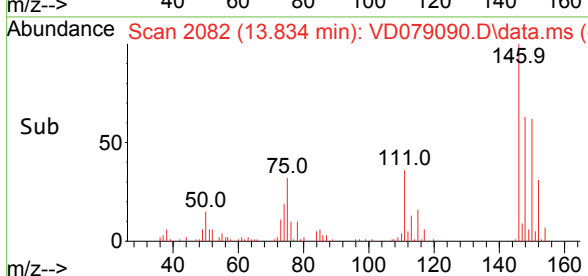
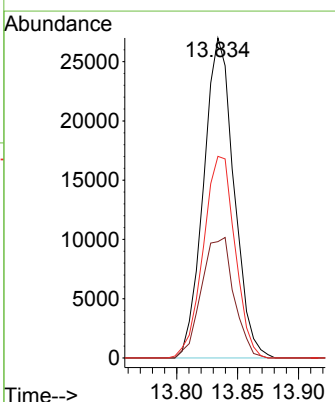
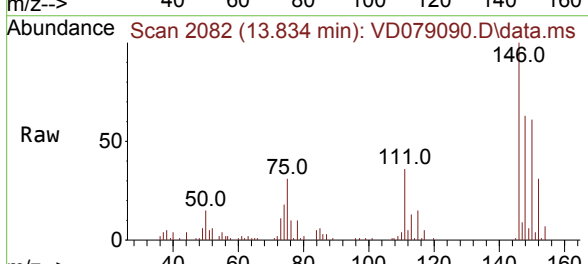
Instrument :
 MSVOA_D
 ClientSampleId :

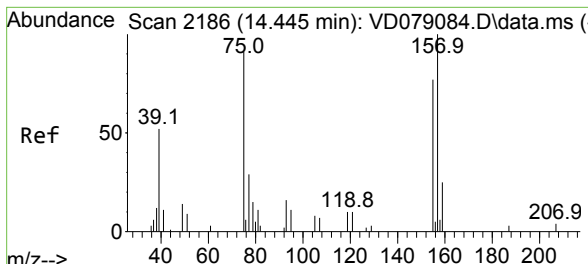
Tgt Ion:146	Resp:	73663
Ion Ratio	Lower	Upper
146	100	
111	34.5	26.3 48.9
148	56.3	43.1 80.1



#67
 1,2-Dichlorobenzene
 Concen: 10.725 ug/L
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

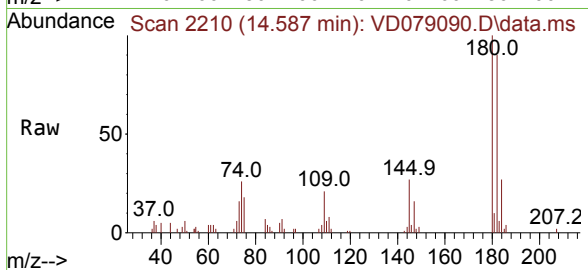
Tgt Ion:146	Resp:	46841
Ion Ratio	Lower	Upper
146	100	
111	36.3	29.1 43.7
148	63.0	51.2 76.8



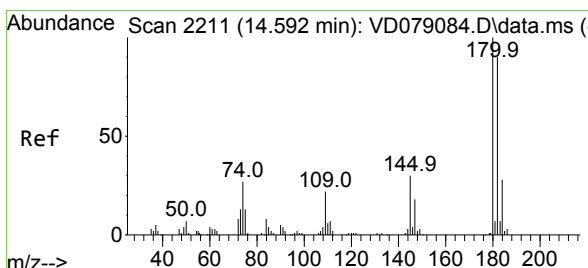
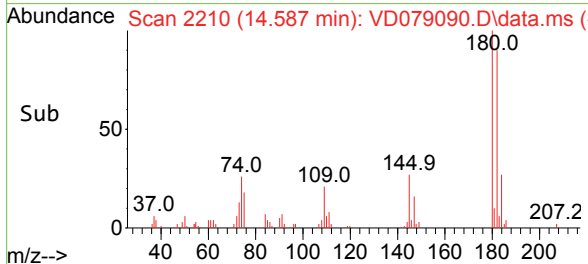
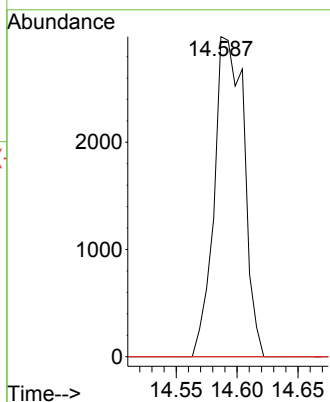


#68
1,2-Dibromo-3-chloropropane
Concen: 18.787 ug/L
RT: 14.587 min Scan# 2186
Delta R.T. 0.141 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :

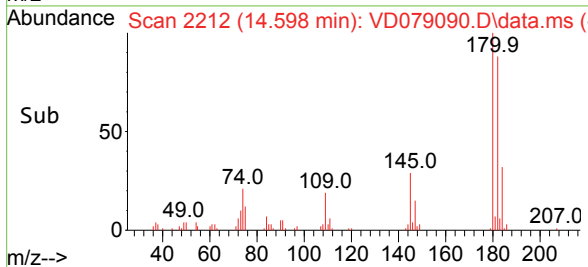
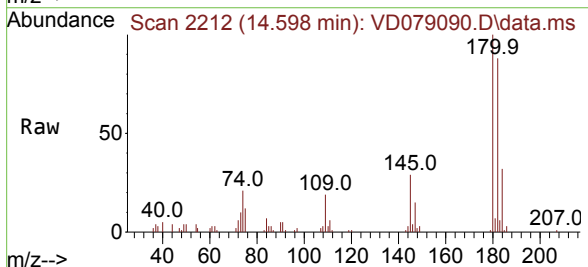
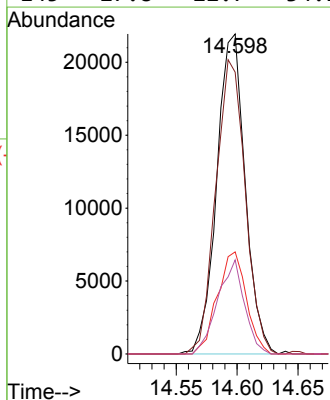


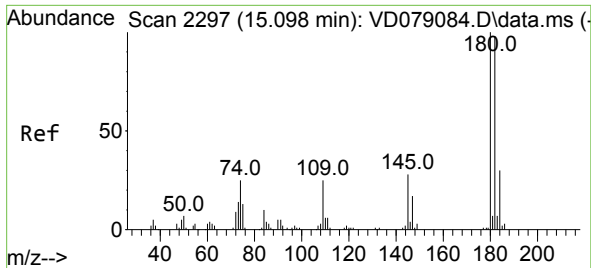
Tgt Ion: 75 Resp: 5071
Ion Ratio Lower Upper
75 100
155 0.0 68.1 102.1#
157 0.0 91.6 137.4#



#69
1,3,5-Trichlorobenzene
Concen: 11.967 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:180 Resp: 35657
Ion Ratio Lower Upper
180 100
182 95.1 76.9 115.3
184 32.5 23.3 34.9
145 27.8 22.7 34.1

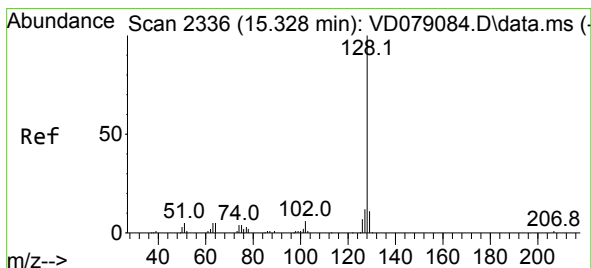
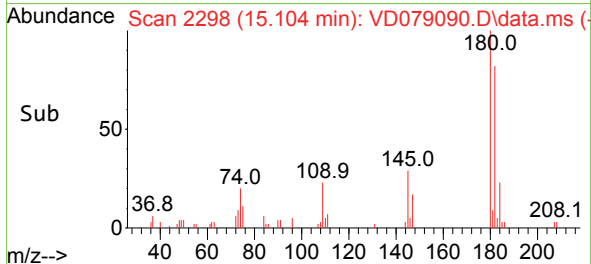
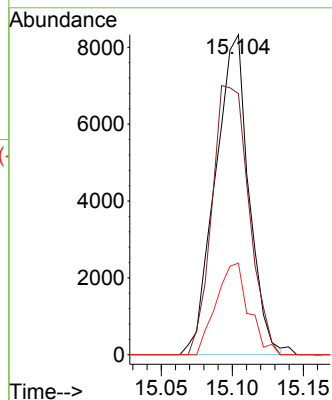
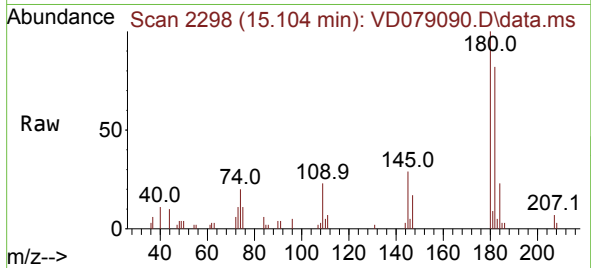




#70
1,2,4-trichlorobenzene
Concen: 5.525 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

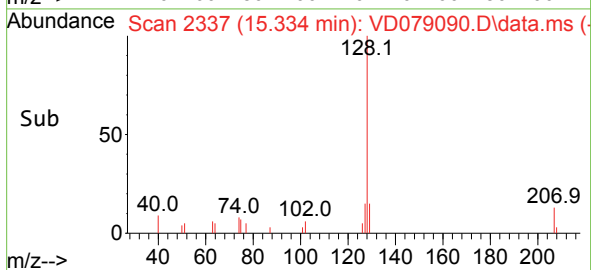
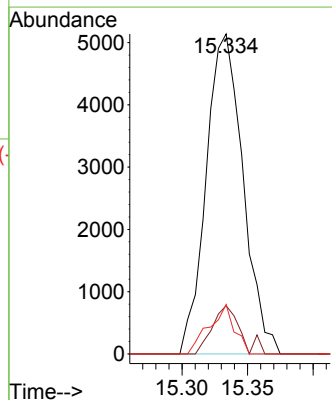
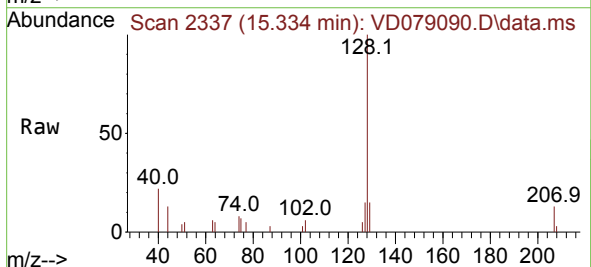
Instrument :
MSVOA_D
ClientSampleId :

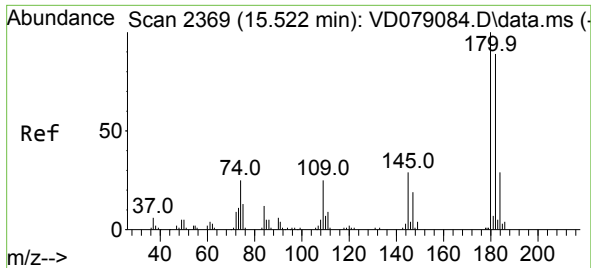
Tgt Ion:180 Resp: 13673
Ion Ratio Lower Upper
180 100
182 92.4 73.8 110.6
145 27.9 22.3 33.5



#71
Naphthalene
Concen: 2.174 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

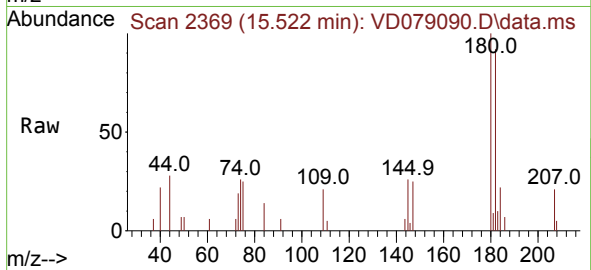
Tgt Ion:128 Resp: 10059
Ion Ratio Lower Upper
128 100
127 10.3 10.8 16.2#
129 10.6 8.5 12.7





#72
1,2,3-Trichlorobenzene
Concen: 2.904 ug/L
RT: 15.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	79.4	119.2
145	31.0	24.7	37.1

