

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079178.D
 Acq On : 13 Jun 2024 13:47
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 14 04:45:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	195557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	113258	18.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
7) Chloroethane-d5	2.799	69	107393	18.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	3.917	65	25403	23.779	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.120%
21) 2-Butanone-d5	6.981	46	27169	59.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.060%
24) Chloroform-d	7.569	84	129475	23.679	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.228	65	62043	24.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.199	84	257626	24.148	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.210	67	74627	24.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.269	98	234767	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.522	79	31610	24.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.880%
47) 2-Hexanone-d5	10.875	63	24934	62.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.520%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	74302	27.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.810	152	86087	24.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59697	19.284	ug/L	97
3) Chloromethane	2.146	50	107456	26.044	ug/L	100
5) Vinyl chloride	2.281	62	149279	21.920	ug/L	94
6) Bromomethane	2.687	94	89023	16.933	ug/L	100
8) Chloroethane	2.834	64	96818	19.397	ug/L	96
9) Trichlorofluoromethane	3.170	101	131955	25.436	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	88481	28.443	ug/L	97
12) 1,1-Dichloroethene	3.934	96	73454	27.122	ug/L	87
13) Acetone	4.017	43	38965	58.473	ug/L	100
14) Carbon disulfide	4.264	76	225361	23.854	ug/L	97
15) Methyl Acetate	4.564	43	28870	31.797	ug/L	94
16) Methylene chloride	4.793	84	98743	28.338	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	80334	27.448	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	158259	30.488	ug/L #	85
19) 1,1-Dichloroethane	6.111	63	115430	24.496	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	77131	25.309	ug/L	96
22) 2-Butanone	7.081	43	34825	49.748	ug/L	100
23) Bromochloromethane	7.422	128	37149	24.043	ug/L	93
25) Chloroform	7.599	83	131840	24.642	ug/L	93

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 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

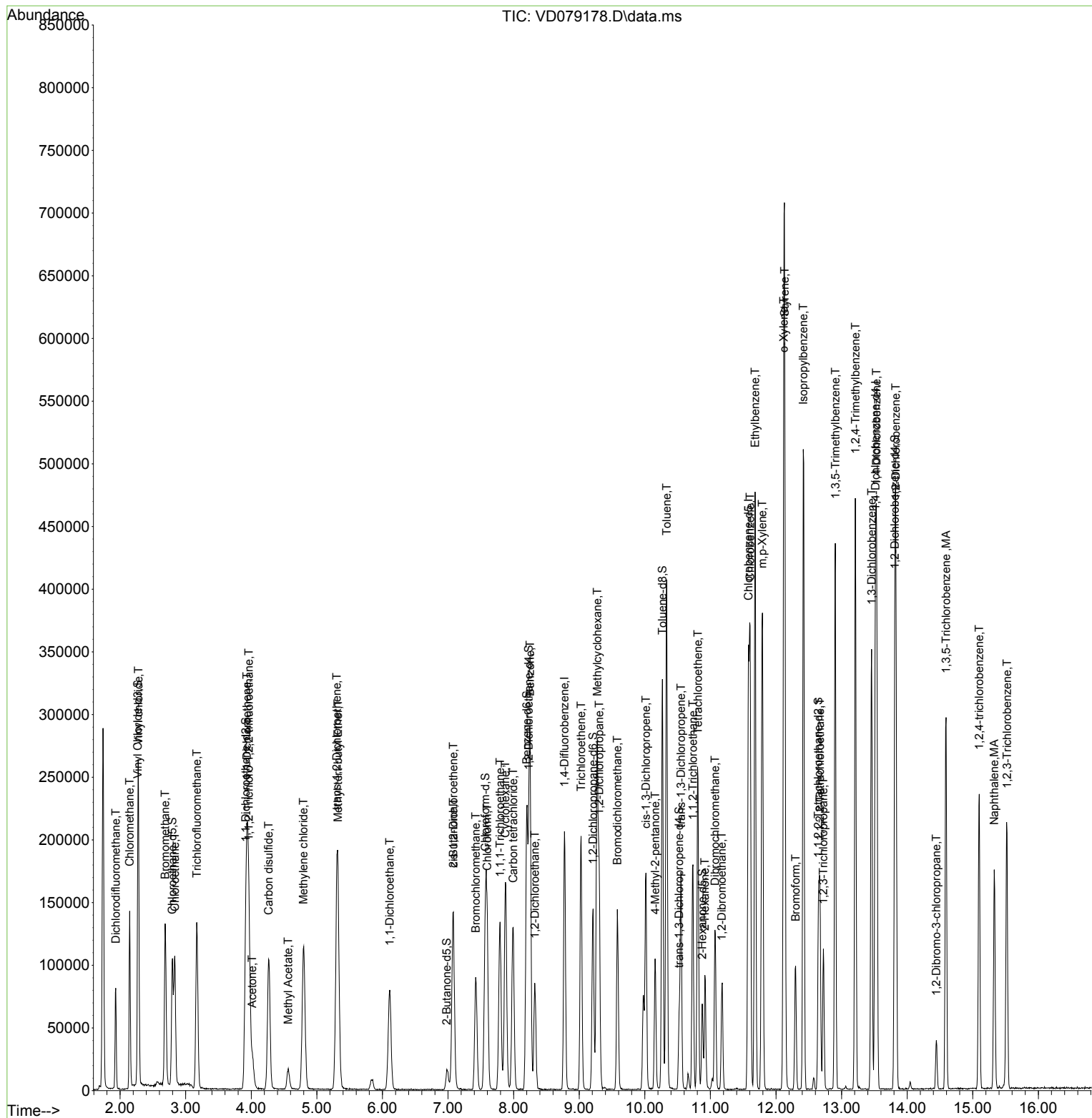
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	74291	23.921	ug/L	96
29) Cyclohexane	7.875	56	86234	24.835	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	112100	24.603	ug/L	99
31) Carbon tetrachloride	7.993	117	103787	24.512	ug/L	97
33) Benzene	8.252	78	286384	24.985	ug/L	100
34) Trichloroethene	9.028	95	71638	24.266	ug/L	98
35) Methylcyclohexane	9.275	83	121680	24.874	ug/L	99
37) 1,2-Dichloropropane	9.304	63	70977	25.280	ug/L	100
38) Bromodichloromethane	9.581	83	96652	24.764	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	110438	25.198	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	63578	54.246	ug/L	97
42) Toluene	10.334	91	320926	25.214	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	97787	26.385	ug/L	91
45) 1,1,2-Trichloroethane	10.734	97	60811	24.689	ug/L	97
46) Tetrachloroethene	10.810	164	61012	23.471	ug/L	98
48) 2-Hexanone	10.916	43	53250	52.506	ug/L	98
49) Dibromochloromethane	11.069	129	72183	24.747	ug/L	97
50) 1,2-Dibromoethane	11.175	107	58284	25.747	ug/L	95
51) Chlorobenzene	11.604	112	210809	24.892	ug/L	98
52) Ethylbenzene	11.681	91	339541	25.574	ug/L	100
53) m,p-Xylene	11.793	106	135446	26.002	ug/L	99
54) o-Xylene	12.116	106	128212	25.477	ug/L	97
55) Styrene	12.134	104	235983	26.446	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	71049	25.769	ug/L	93
59) Bromoform	12.298	173	45375	24.755	ug/L	99
60) Isopropylbenzene	12.416	105	344895	26.081	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	45173	25.584	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	233582	25.834	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	257253	26.601	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	158984	25.026	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	166809	24.782	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	144330	24.576	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9244	25.468	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	100094	24.982	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	81215	24.407	ug/L	97
71) Naphthalene	15.328	128	158719	25.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	74543	25.919	ug/L	97

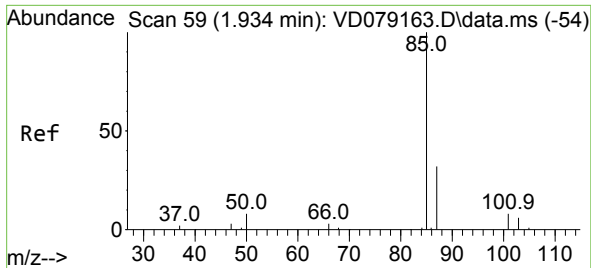
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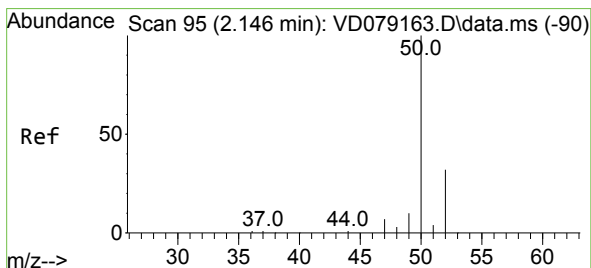
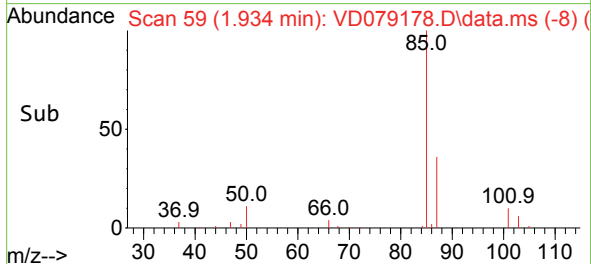
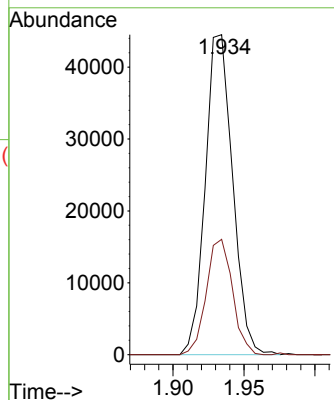
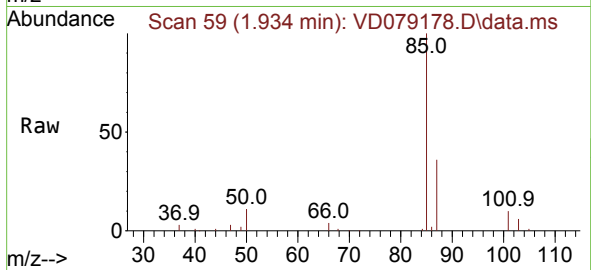




#2
Dichlorodifluoromethane
Concen: 19.284 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

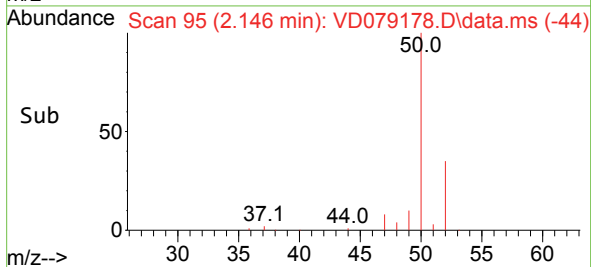
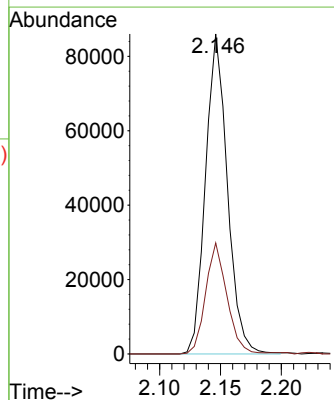
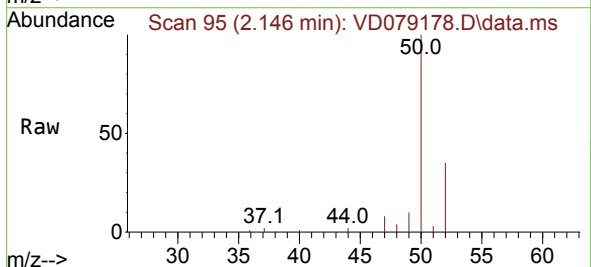
Instrument :
MSVOA_D
ClientSampleId :

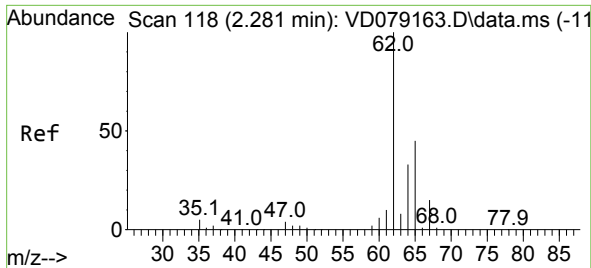
Tgt Ion: 85 Resp: 59697
Ion Ratio Lower Upper
85 100
87 34.4 26.2 39.4



#3
Chloromethane
Concen: 26.044 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

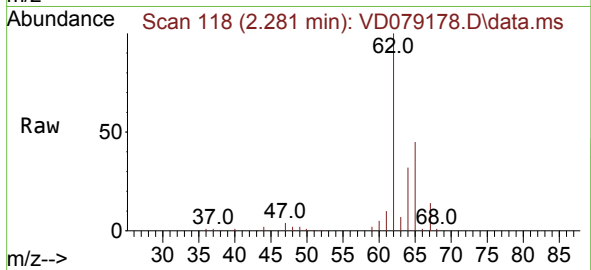
Tgt Ion: 50 Resp: 107456
Ion Ratio Lower Upper
50 100
52 34.7 24.4 45.2



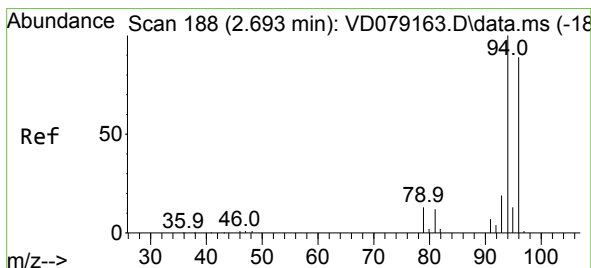
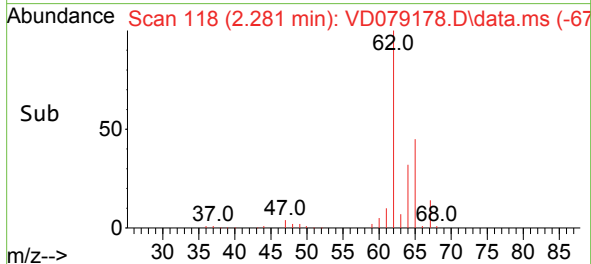
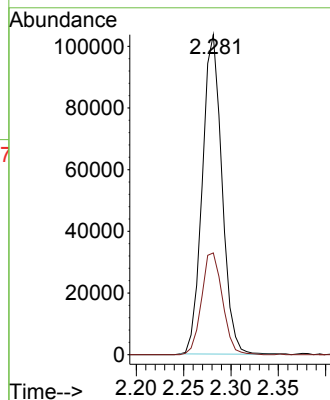


#5
 Vinyl chloride
 Concen: 21.920 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Instrument :
 MSVOA_D
 ClientSampleId :

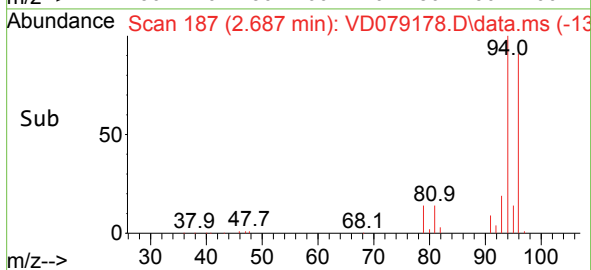
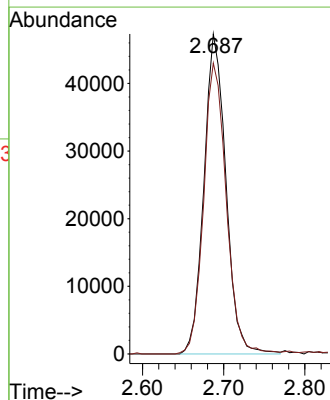
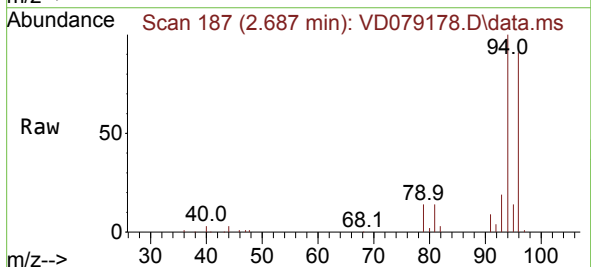


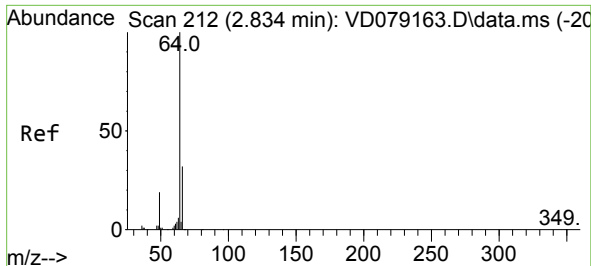
Tgt Ion: 62 Resp: 149279
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.8 46.1



#6
 Bromomethane
 Concen: 16.933 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Tgt Ion: 94 Resp: 89023
 Ion Ratio Lower Upper
 94 100
 96 90.9 63.6 118.2

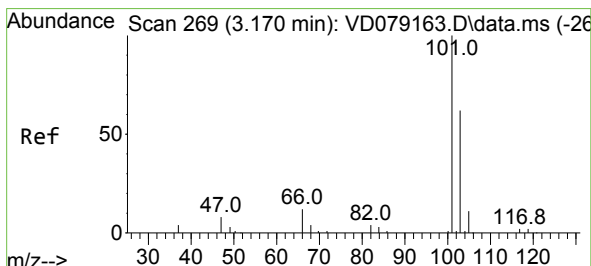
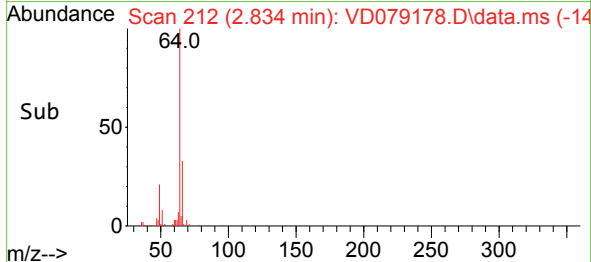
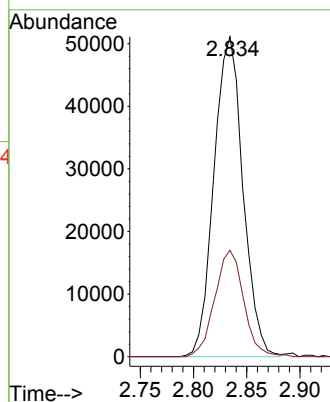
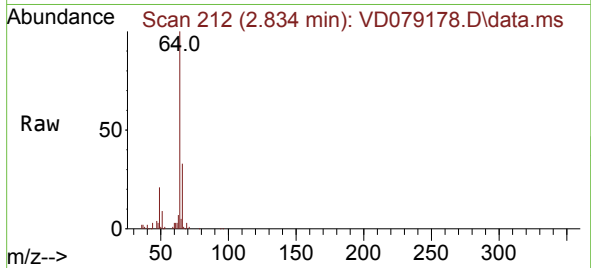




#8
Chloroethane
Concen: 19.397 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

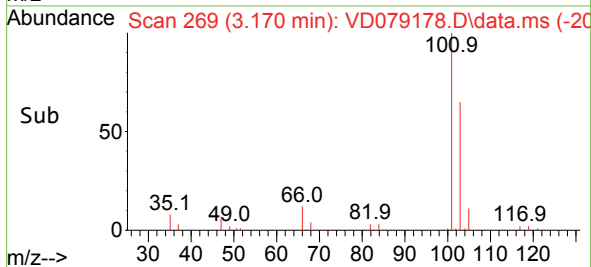
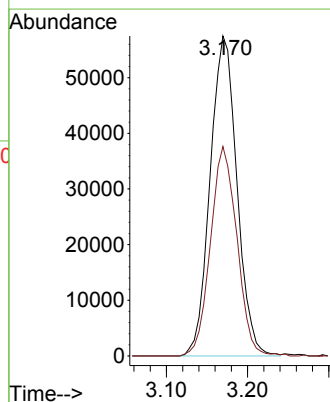
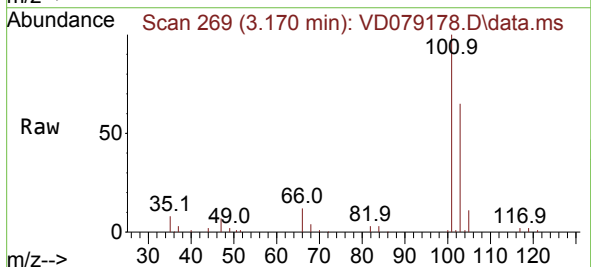
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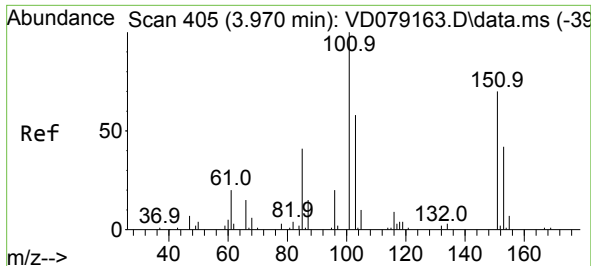
Tgt Ion: 64 Resp: 96818
Ion Ratio Lower Upper
64 100
66 33.3 24.8 46.1



#9
Trichlorofluoromethane
Concen: 25.436 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:101 Resp: 131955
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

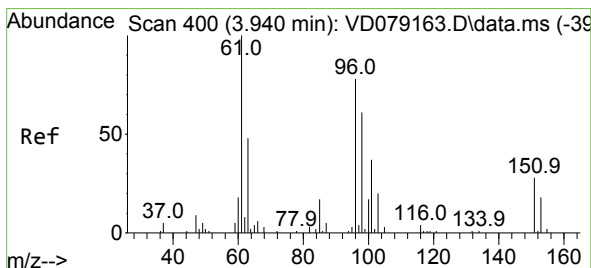
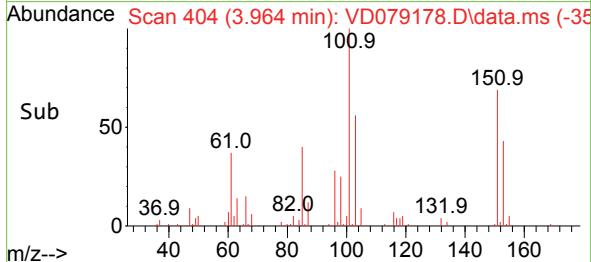
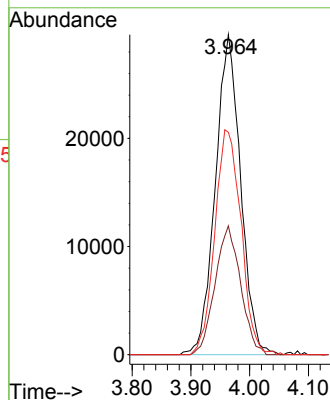
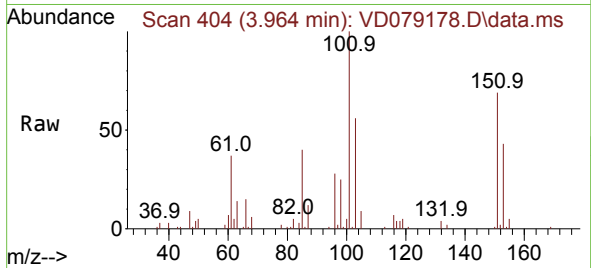




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.443 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD079178.D
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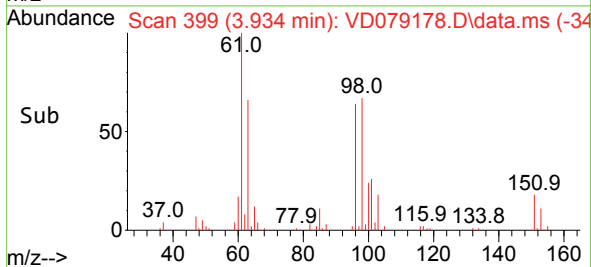
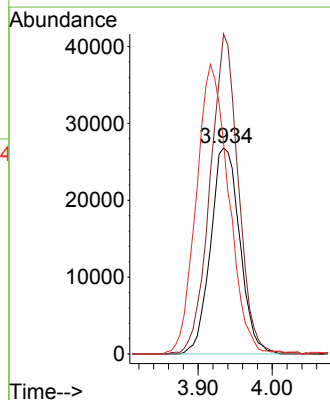
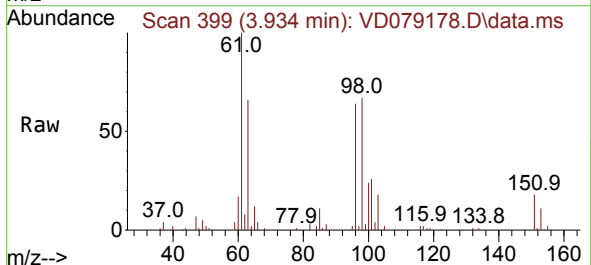
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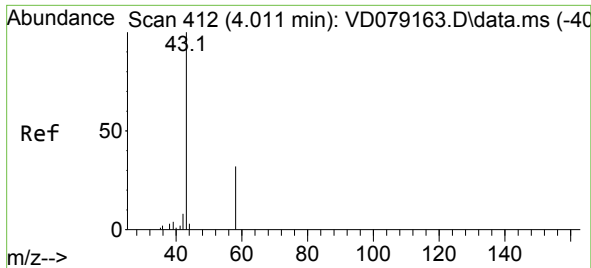
Tgt Ion:101 Resp: 88481
 Ion Ratio Lower Upper
 101 100
 85 40.7 35.4 53.0
 151 72.7 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 27.122 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Tgt Ion: 96 Resp: 73454
 Ion Ratio Lower Upper
 96 100
 61 155.4 93.9 174.3
 63 102.8 67.7 125.7





#13

Acetone

Concen: 58.473 ug/L

RT: 4.017 min Scan# 41

Delta R.T. 0.006 min

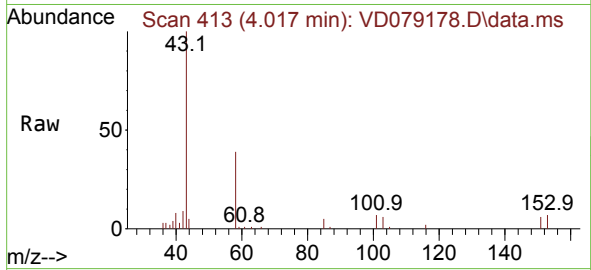
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Instrument :

MSVOA_D

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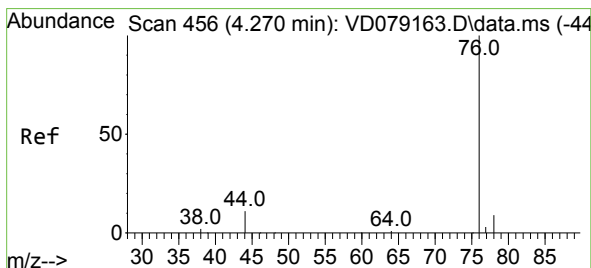
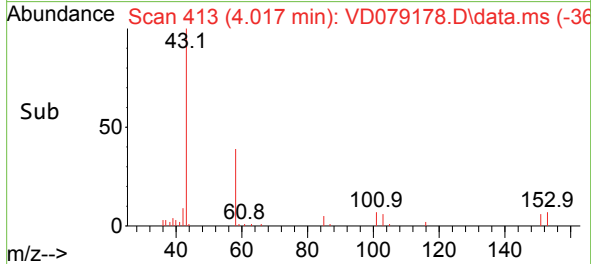
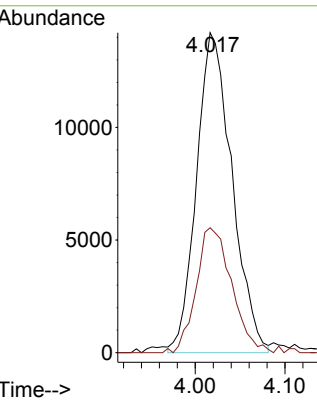


Tgt Ion: 43 Resp: 38965

Ion Ratio Lower Upper

43 100

58 38.8 0.0 78.2



#14

Carbon disulfide

Concen: 23.854 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD079178.D

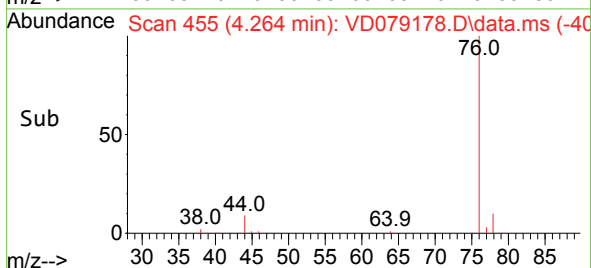
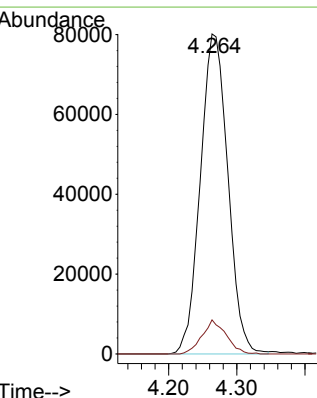
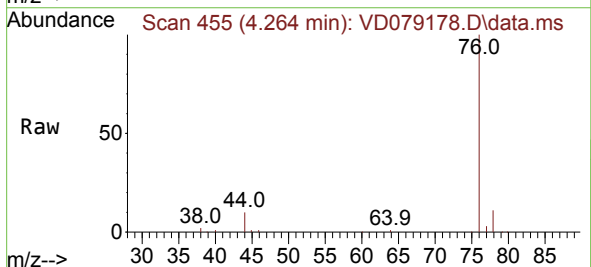
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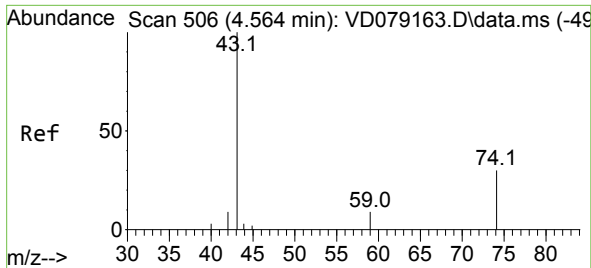
Tgt Ion: 76 Resp: 225361

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3

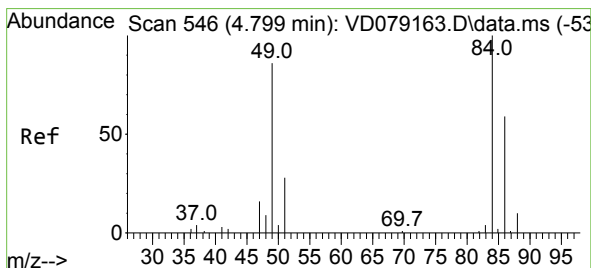
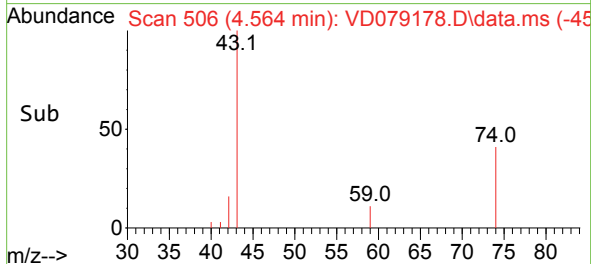
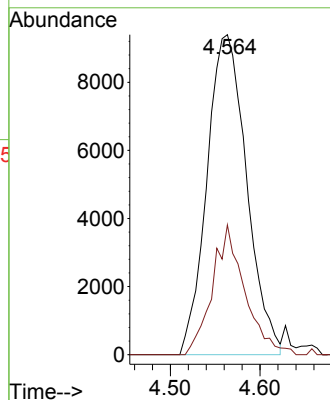
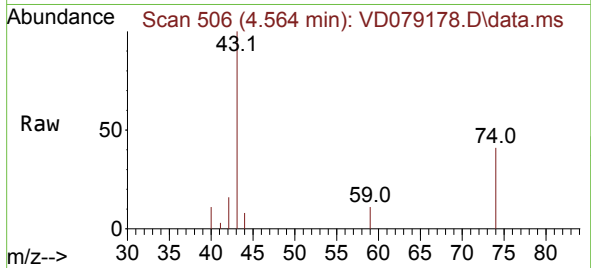




#15
Methyl Acetate
Concen: 31.797 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

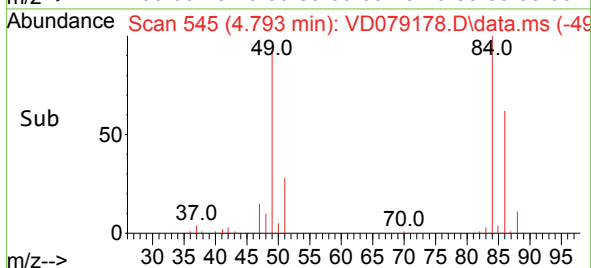
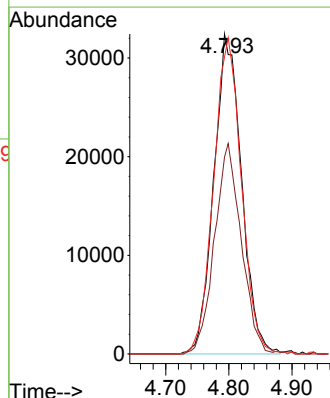
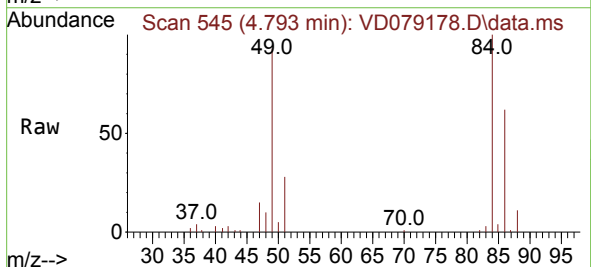
Instrument :
MSVOA_D
ClientSampleId :

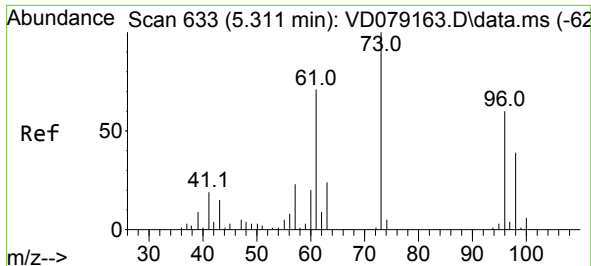
Tgt Ion: 43 Resp: 28870
Ion Ratio Lower Upper
43 100
74 33.1 23.8 35.6



#16
Methylene chloride
Concen: 28.338 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion: 84 Resp: 98743
Ion Ratio Lower Upper
84 100
86 61.5 40.9 76.0
49 92.8 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 27.448 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

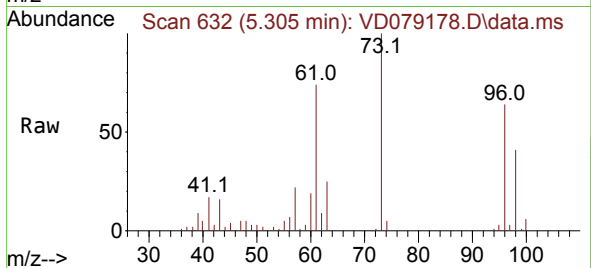
Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



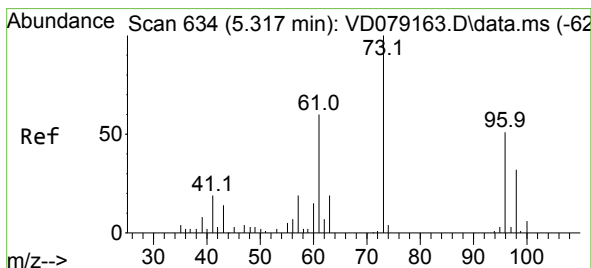
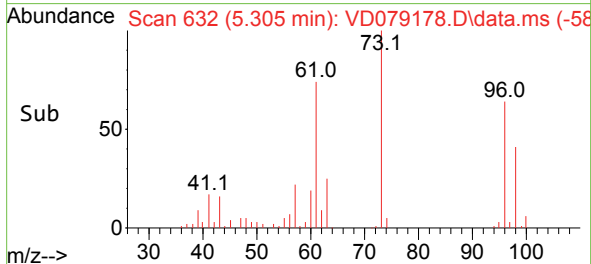
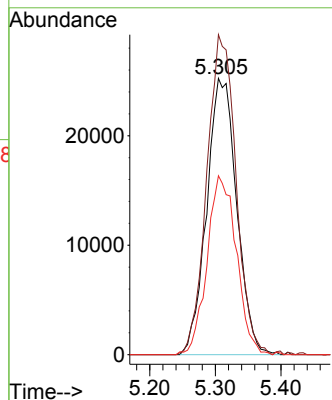
Tgt Ion: 96 Resp: 80334

Ion Ratio Lower Upper

96 100

61 115.8 71.9 133.5

98 64.7 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 30.488 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

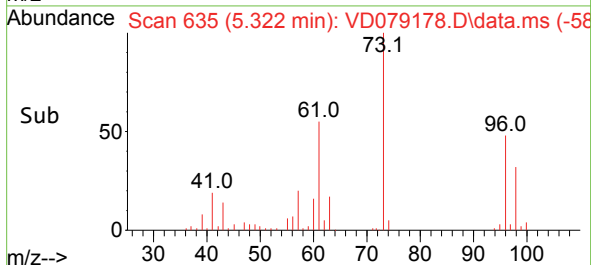
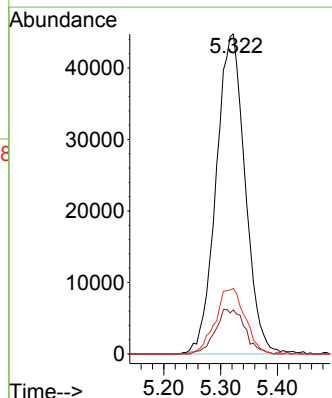
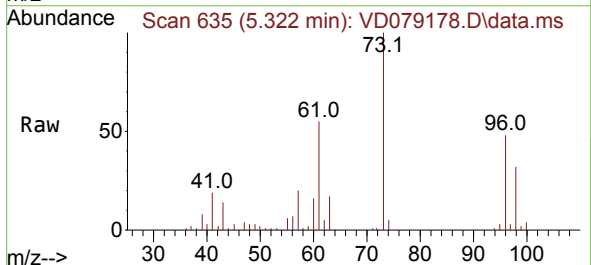
Tgt Ion: 73 Resp: 158259

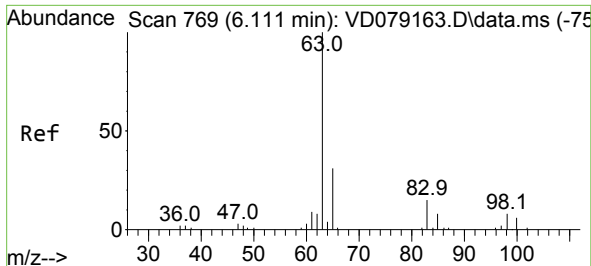
Ion Ratio Lower Upper

73 100

43 14.3 12.0 18.0

57 0.0 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 24.496 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

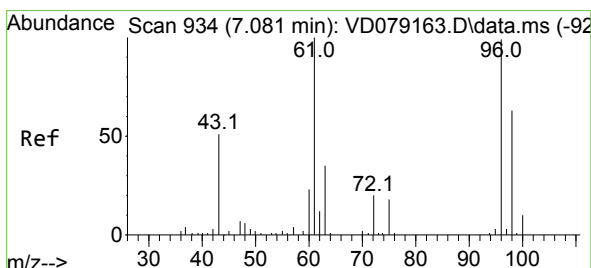
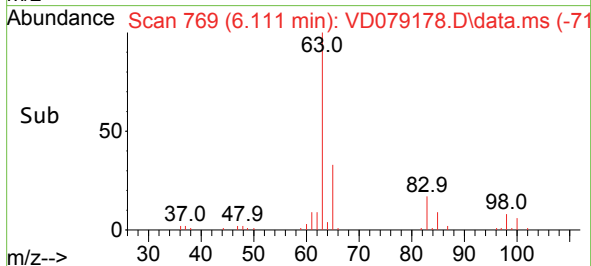
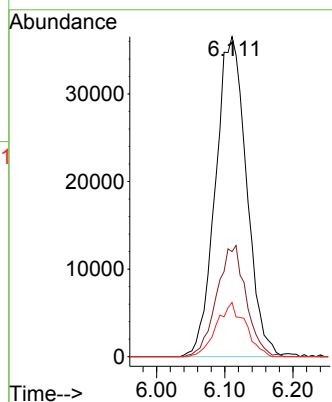
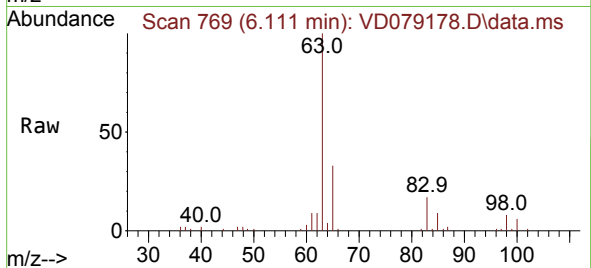
Tgt Ion: 63 Resp: 115430

Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 16.9 8.6 16.0#



#20

cis-1,2-Dichloroethene

Concen: 25.309 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

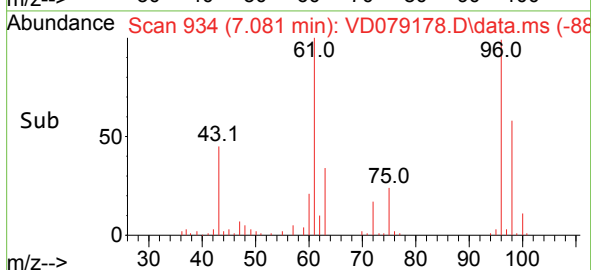
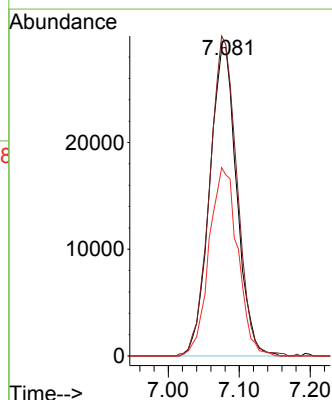
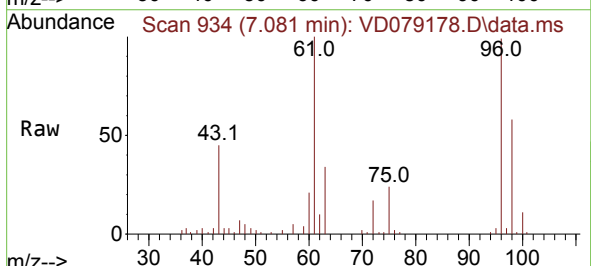
Tgt Ion: 96 Resp: 77131

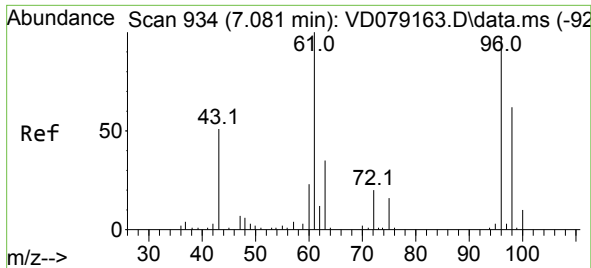
Ion Ratio Lower Upper

96 100

61 100.9 72.6 134.8

98 58.7 43.8 81.3

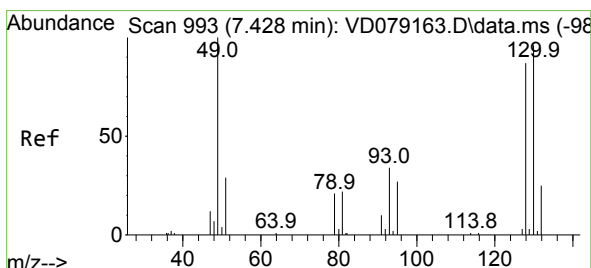
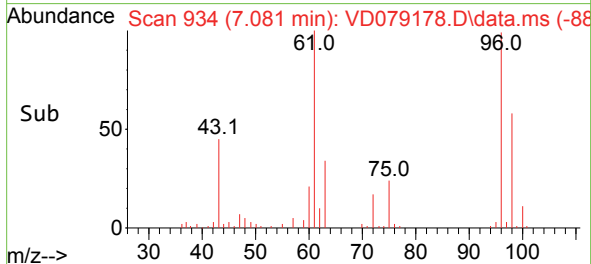
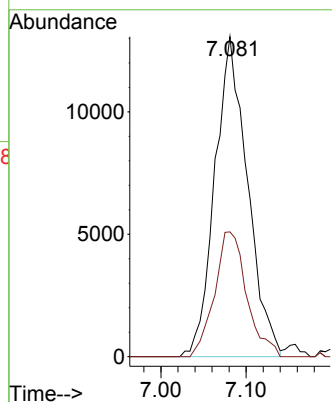
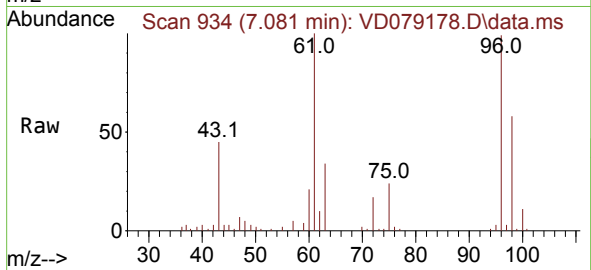




#22
2-Butanone
Concen: 49.748 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

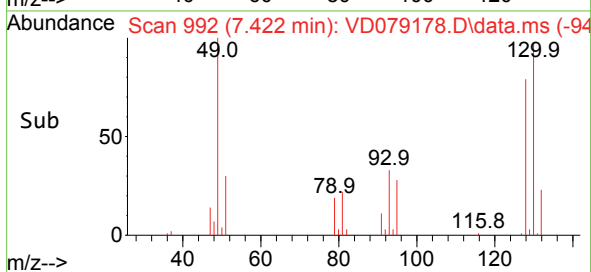
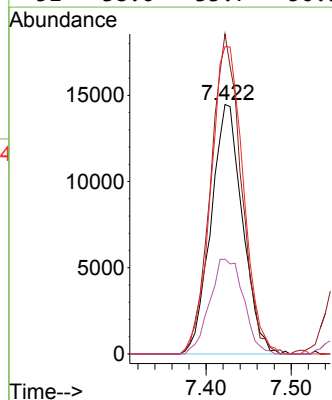
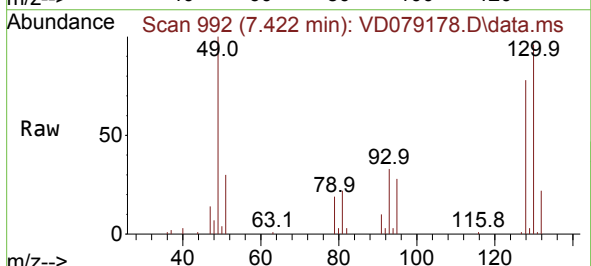
Instrument :
MSVOA_D
ClientSampleId :

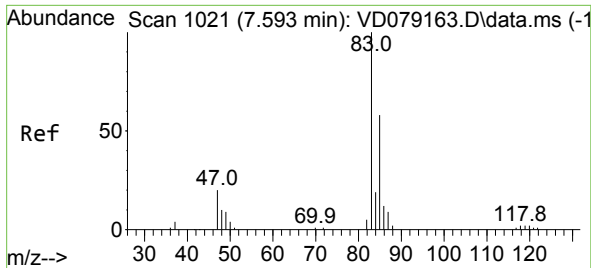
Tgt Ion: 43 Resp: 34825
Ion Ratio Lower Upper
43 100
72 38.5 19.3 57.8



#23
Bromochloromethane
Concen: 24.043 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:128 Resp: 37149
Ion Ratio Lower Upper
128 100
49 128.3 81.8 151.8
130 123.2 90.4 167.8
51 38.0 33.7 50.5

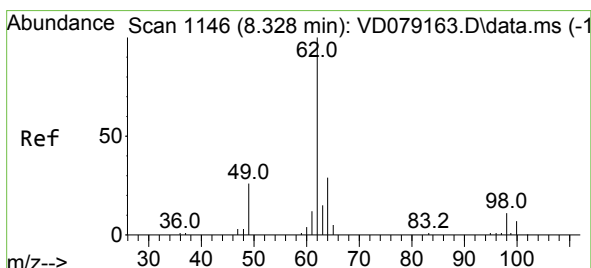
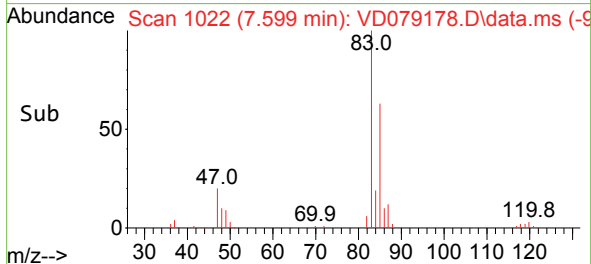
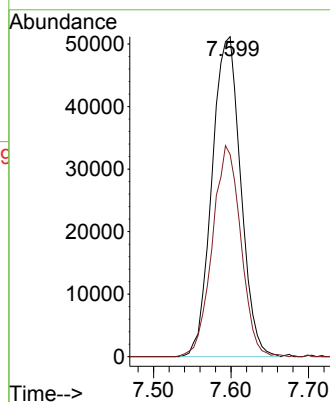
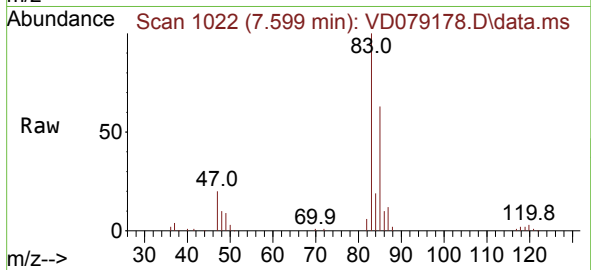




#25
Chloroform
Concen: 24.642 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

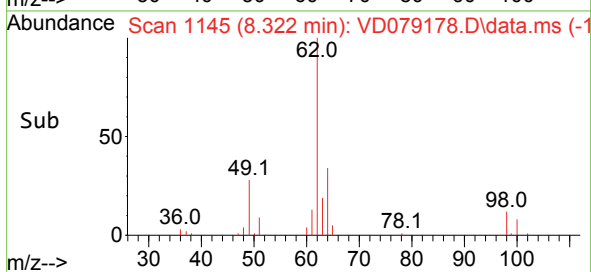
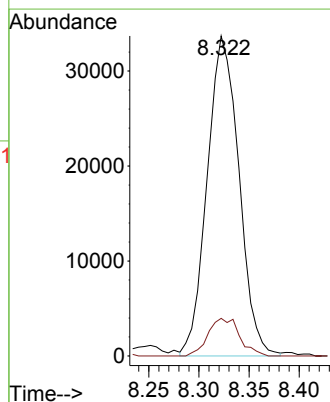
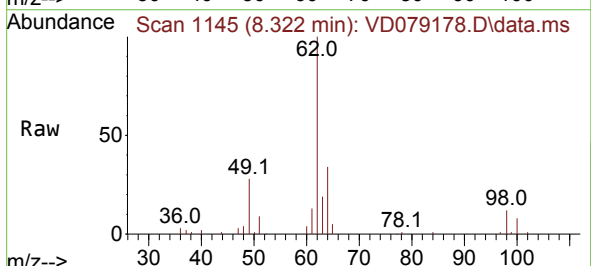
Instrument :
MSVOA_D
ClientSampleId :

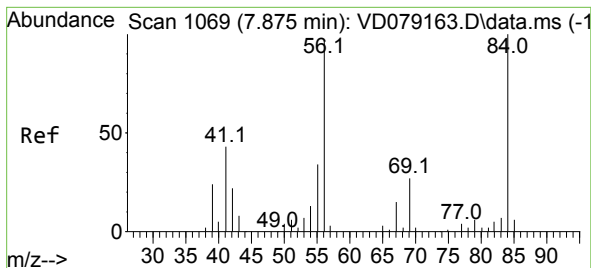
Tgt Ion: 83 Resp: 131840
Ion Ratio Lower Upper
83 100
85 63.2 47.9 89.1



#27
1,2-Dichloroethane
Concen: 23.921 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion: 62 Resp: 74291
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.4





#29

Cyclohexane

Concen: 24.835 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

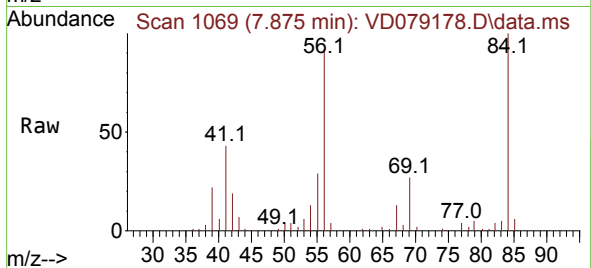
Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



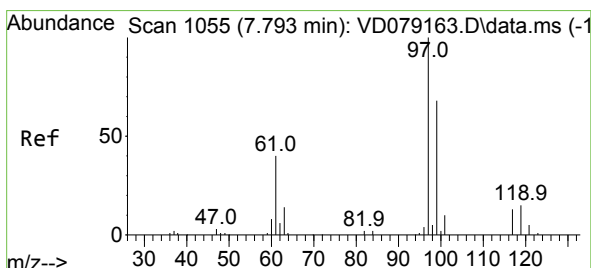
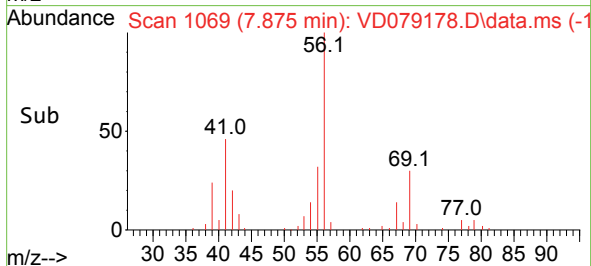
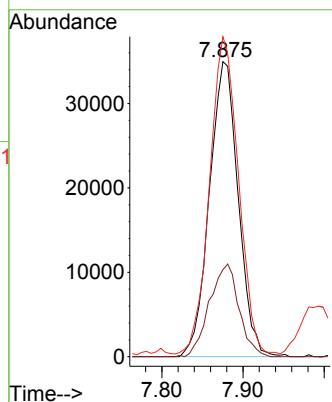
Tgt Ion: 56 Resp: 86234

Ion Ratio Lower Upper

56 100

69 32.0 26.6 40.0

84 106.8 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 24.603 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

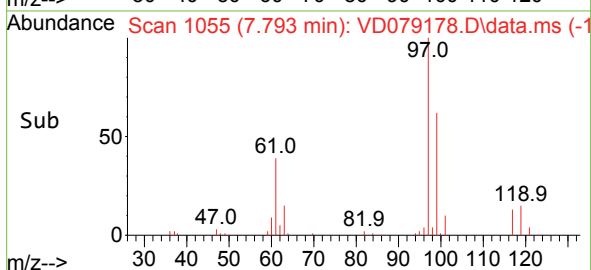
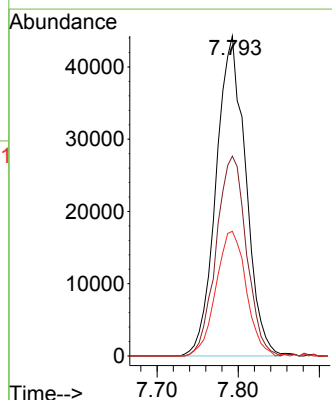
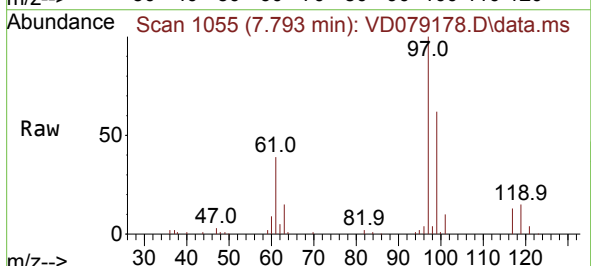
Tgt Ion: 97 Resp: 112100

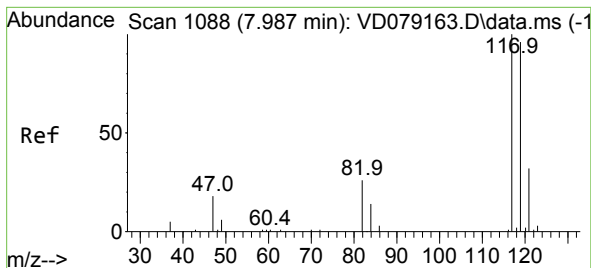
Ion Ratio Lower Upper

97 100

99 63.7 52.3 78.5

61 39.8 31.7 47.5





#31

Carbon tetrachloride

Concen: 24.512 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

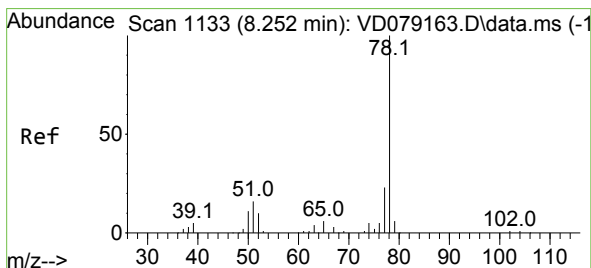
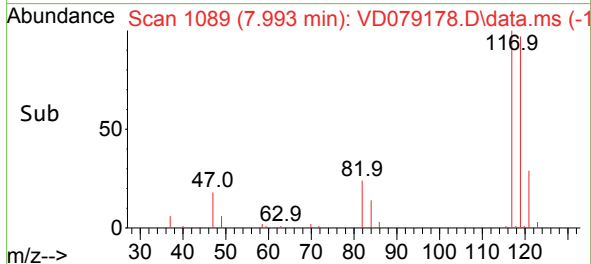
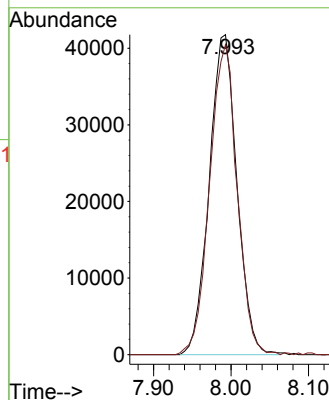
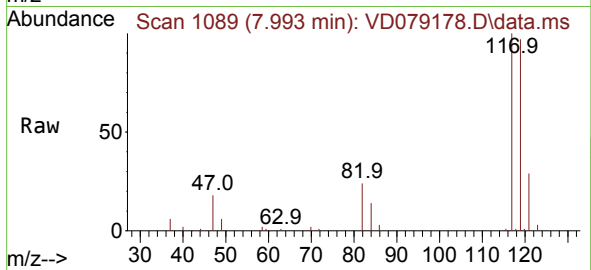
ClientSampleId :

Tgt Ion:117 Resp: 103787

Ion Ratio Lower Upper

117 100

119 96.1 79.6 119.4



#33

Benzene

Concen: 24.985 ug/L

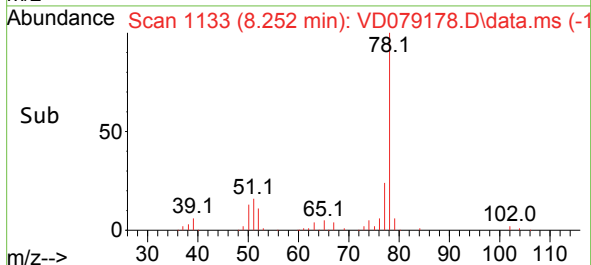
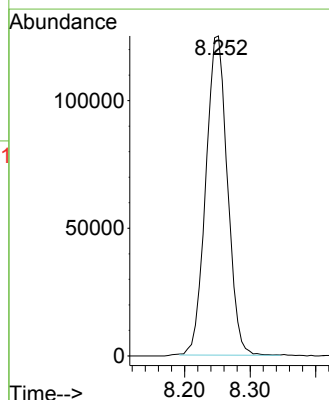
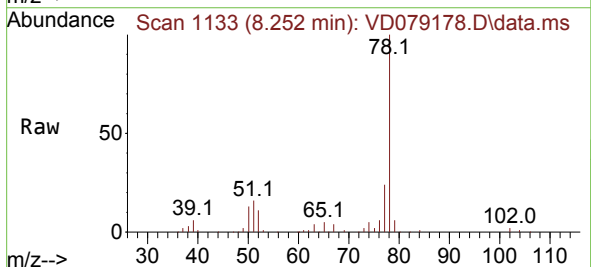
RT: 8.252 min Scan# 1133

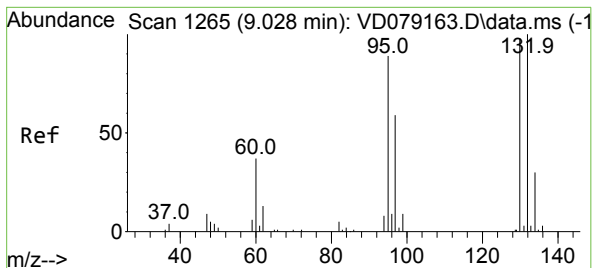
Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Tgt Ion: 78 Resp: 286384





#34

Trichloroethene

Concen: 24.266 ug/L

RT: 9.028 min Scan# 1

Delta R.T. -0.000 min

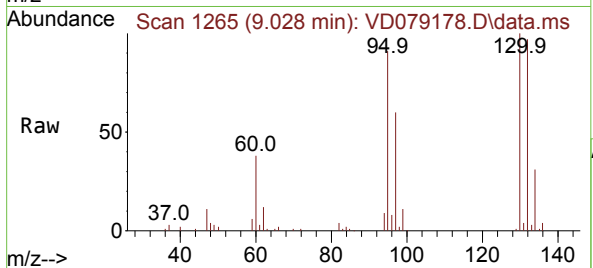
Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 71638

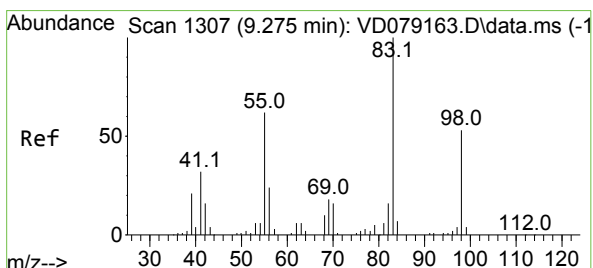
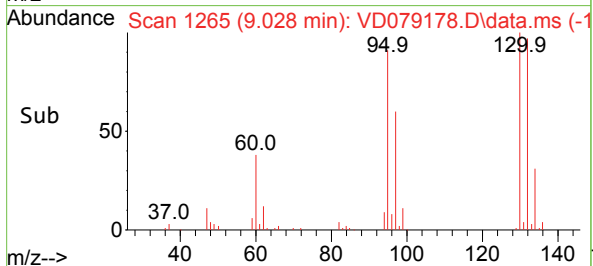
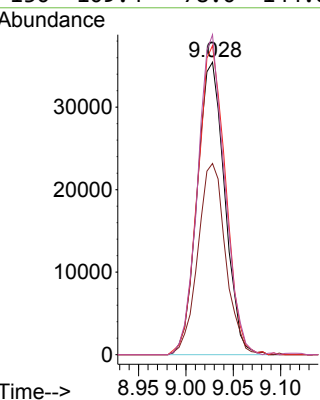
Ion Ratio Lower Upper

95 100

97 65.4 44.6 82.8

132 105.7 74.9 139.1

130 109.4 78.0 144.8



#35

Methylcyclohexane

Concen: 24.874 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

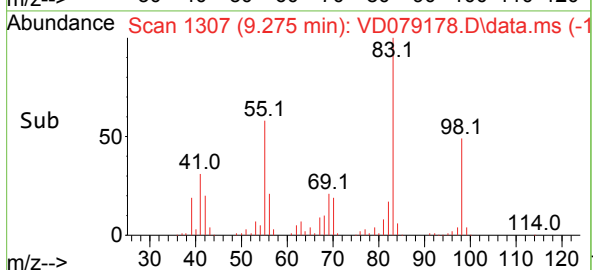
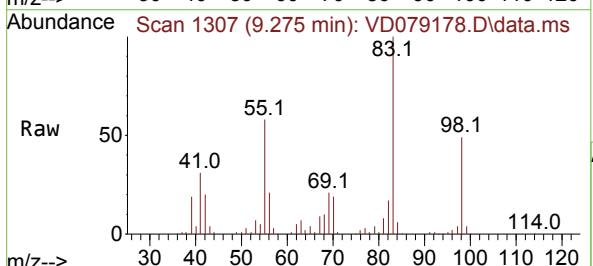
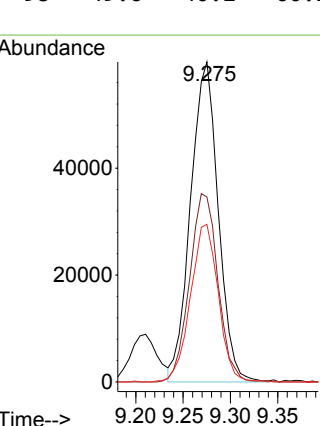
Tgt Ion: 83 Resp: 121680

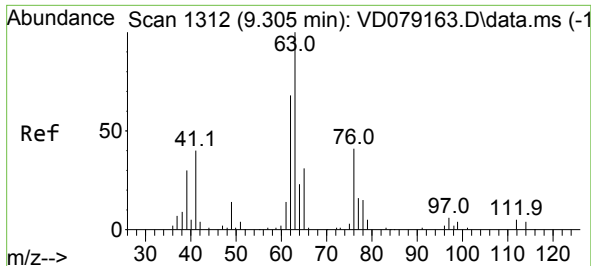
Ion Ratio Lower Upper

83 100

55 60.2 48.6 72.8

98 49.6 40.2 60.2

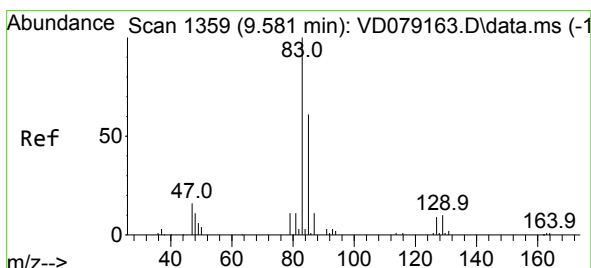
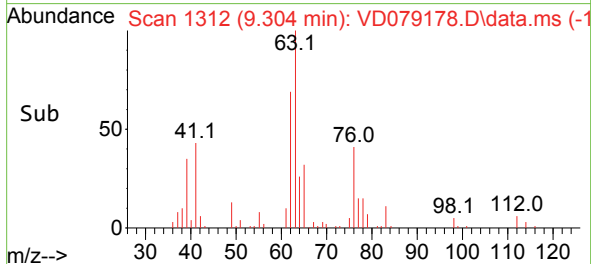
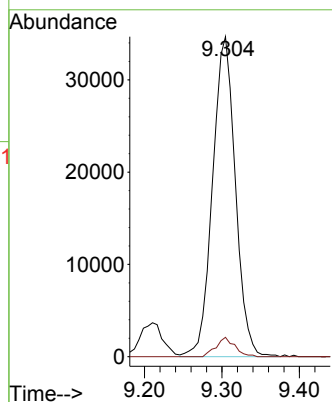
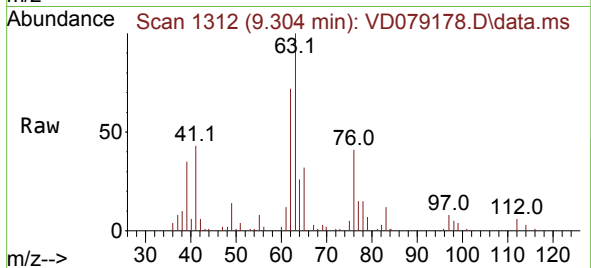




#37
1,2-Dichloropropane
Concen: 25.280 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

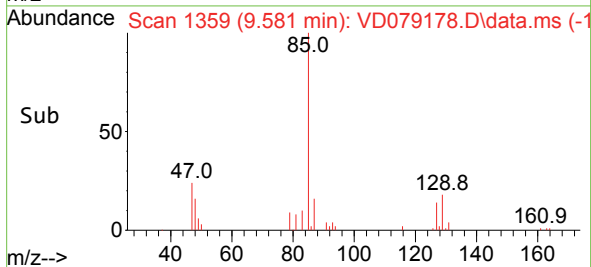
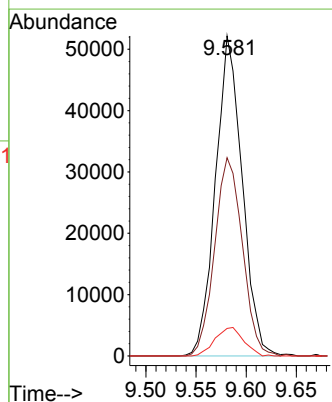
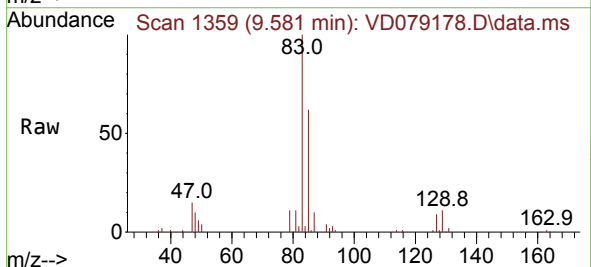
Instrument :
MSVOA_D
ClientSampleId :

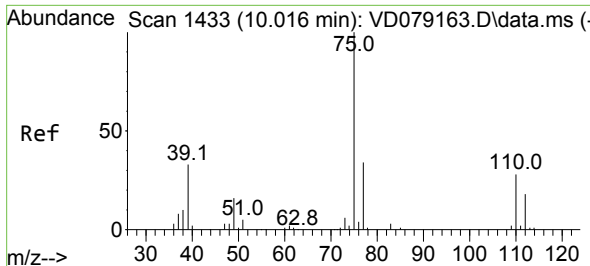
Tgt Ion: 63 Resp: 70977
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 24.764 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion: 83 Resp: 96652
Ion Ratio Lower Upper
83 100
85 61.9 46.5 86.5
127 8.6 7.0 10.6

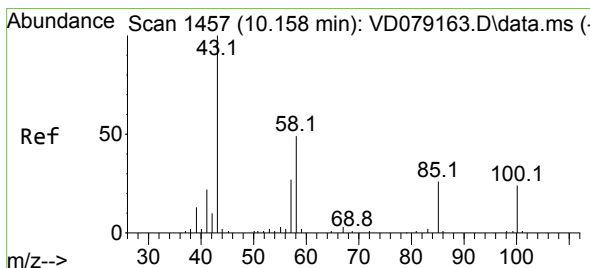
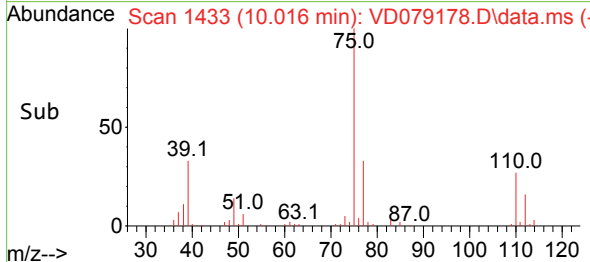
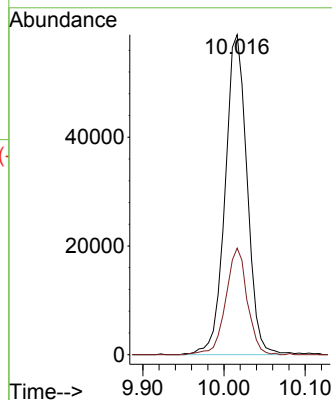
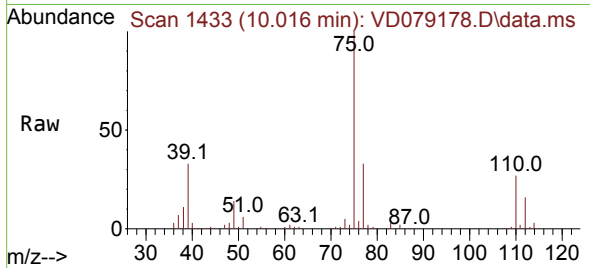




#39
 cis-1,3-Dichloropropene
 Concen: 25.198 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

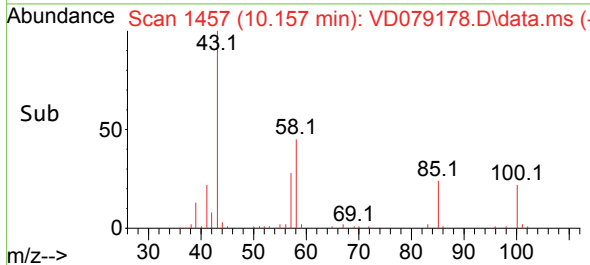
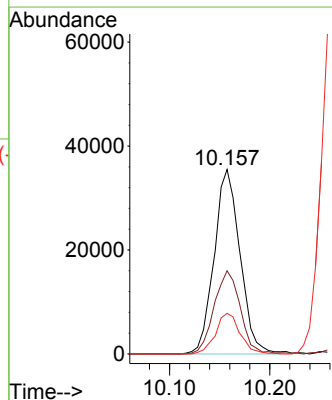
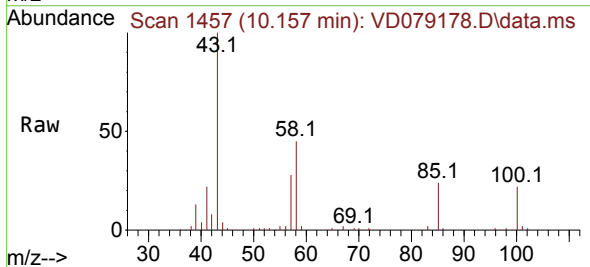
Instrument :
 MSVOA_D
 ClientSampleId :

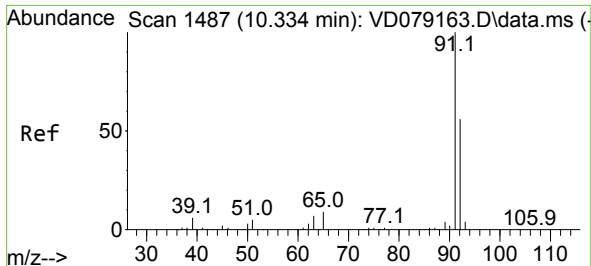
Tgt Ion: 75 Resp: 110438
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 54.246 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Tgt Ion: 43 Resp: 63578
 Ion Ratio Lower Upper
 43 100
 58 45.4 34.0 51.0
 100 20.9 16.9 25.3

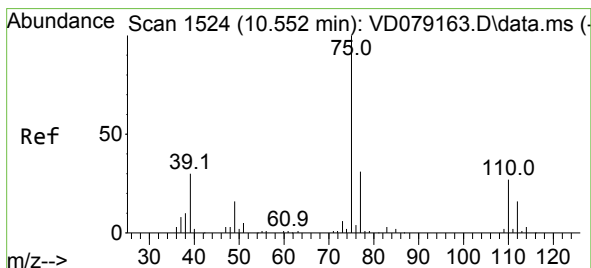
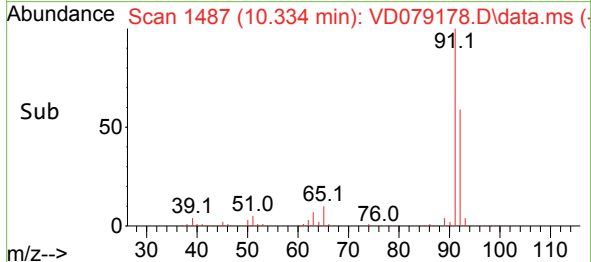
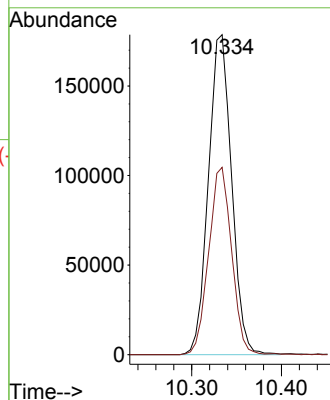
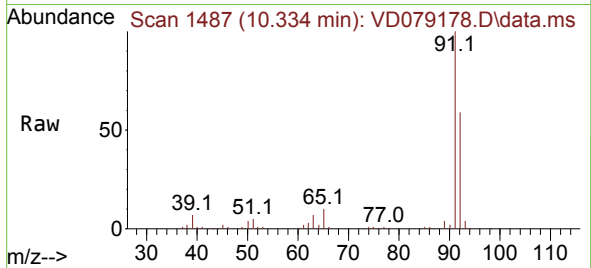




#42
Toluene
Concen: 25.214 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

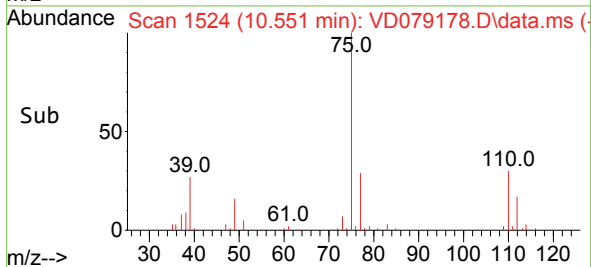
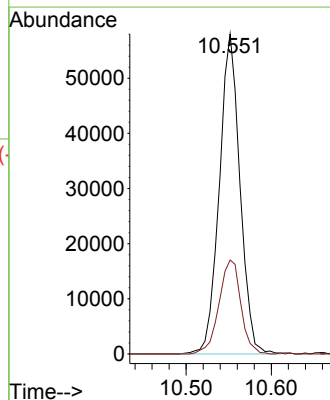
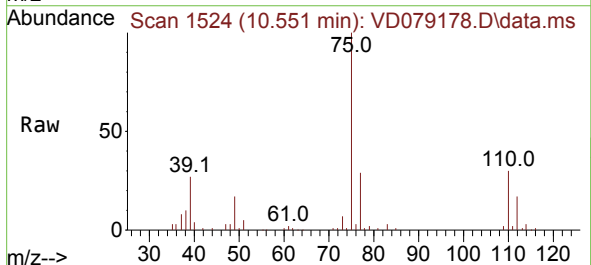
Instrument :
MSVOA_D
ClientSampleId :

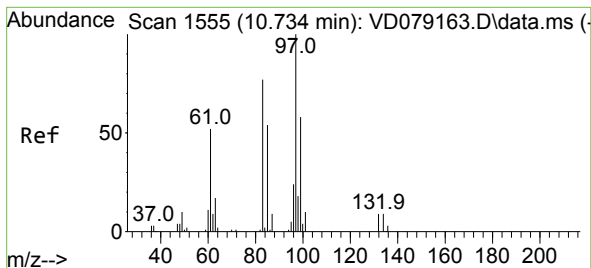
Tgt Ion: 91 Resp: 320926
Ion Ratio Lower Upper
91 100
92 58.5 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 26.385 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion: 75 Resp: 97787
Ion Ratio Lower Upper
75 100
77 29.4 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 24.689 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

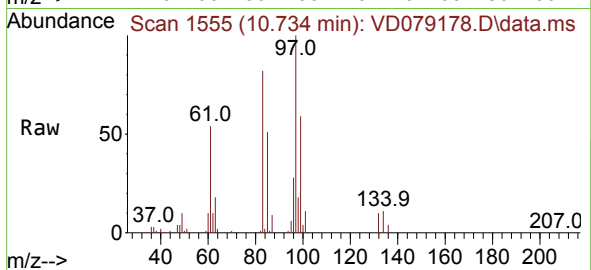
Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 60811

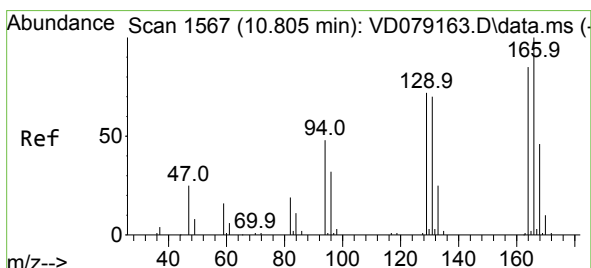
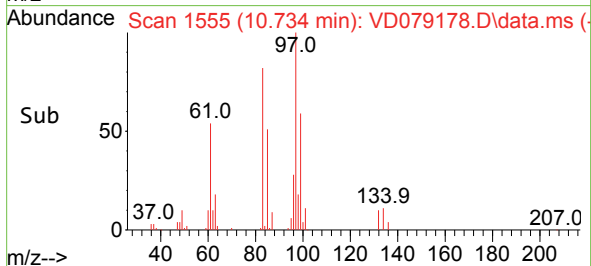
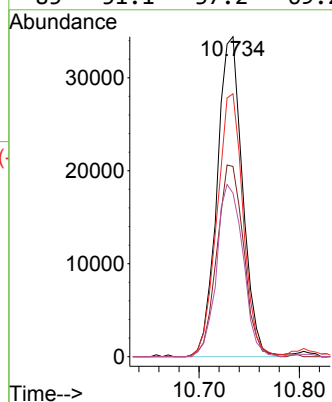
Ion Ratio Lower Upper

97 100

99 59.4 43.0 79.8

83 82.2 58.9 109.5

85 51.1 37.2 69.2



#46

Tetrachloroethene

Concen: 23.471 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Tgt Ion: 164 Resp: 61012

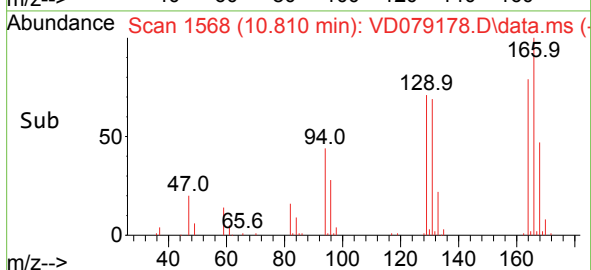
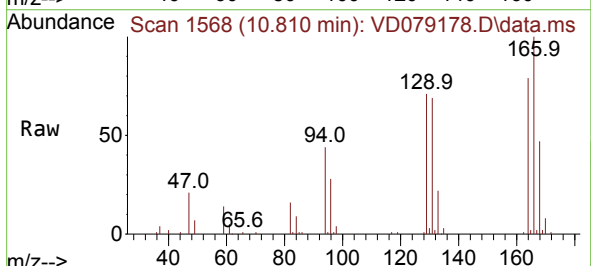
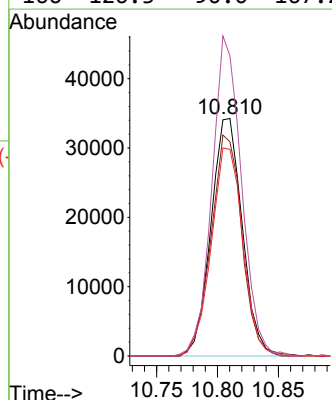
Ion Ratio Lower Upper

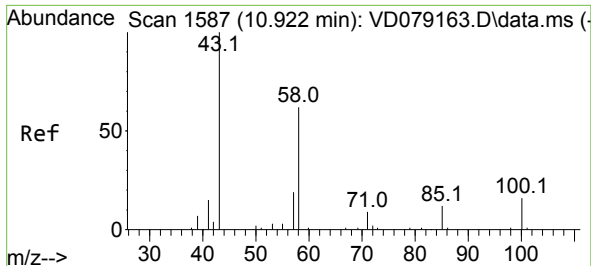
164 100

129 90.2 64.3 119.5

131 87.0 61.2 113.8

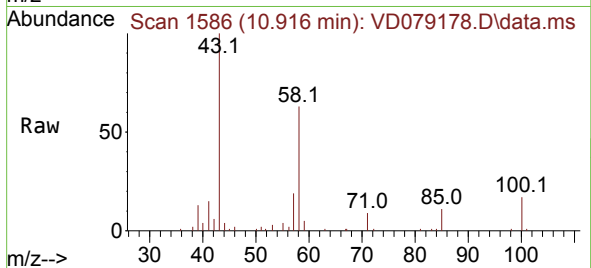
166 126.3 90.0 167.2



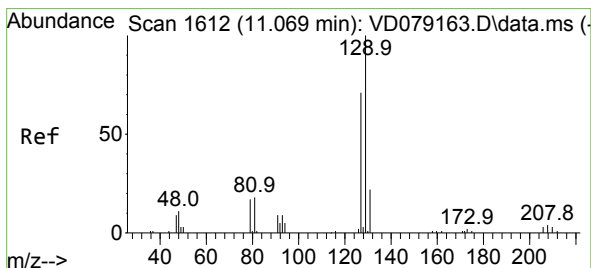
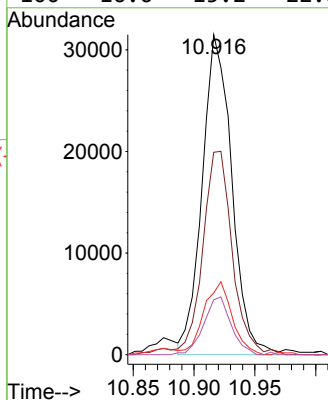
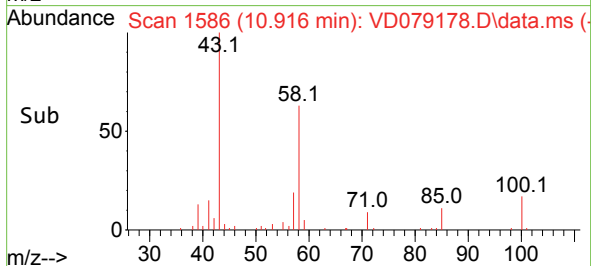


#48
2-Hexanone
Concen: 52.506 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

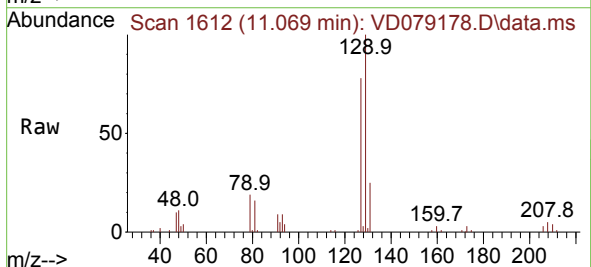
Instrument :
MSVOA_D
ClientSampleId :



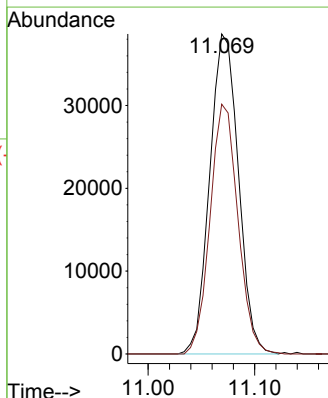
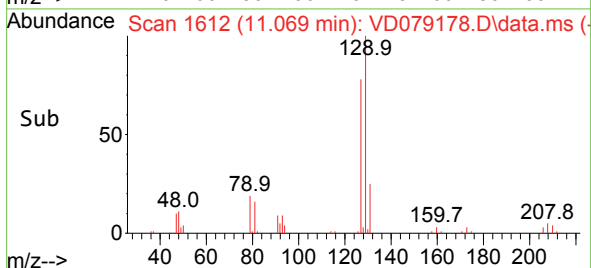
Tgt Ion: 43 Resp: 53250
Ion Ratio Lower Upper
43 100
58 62.8 50.1 75.1
57 21.9 16.5 24.7
100 16.6 15.2 22.8

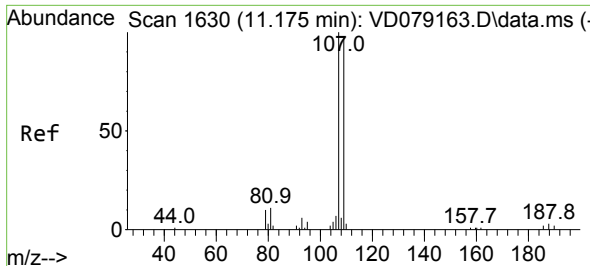


#49
Dibromochloromethane
Concen: 24.747 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47



Tgt Ion: 129 Resp: 72183
Ion Ratio Lower Upper
129 100
127 78.1 56.4 104.7

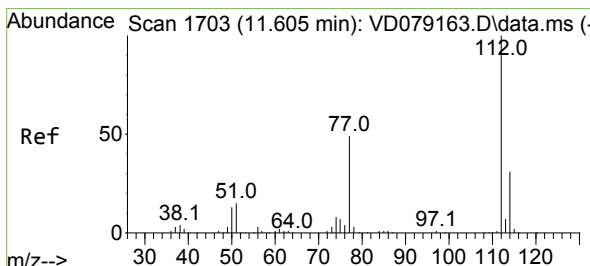
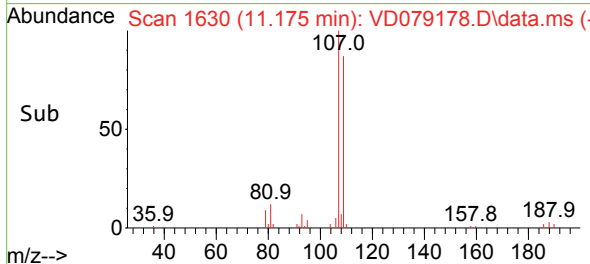
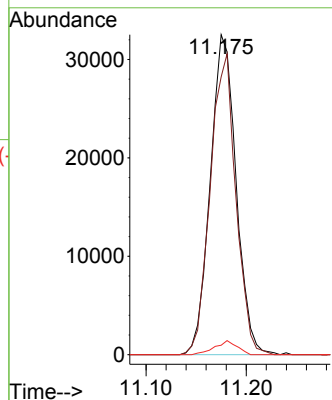
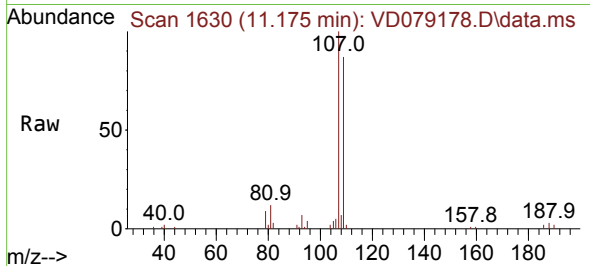




#50
1,2-Dibromoethane
Concen: 25.747 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

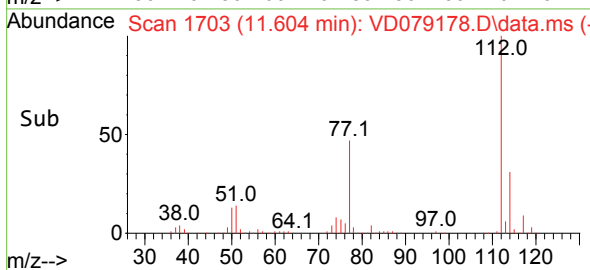
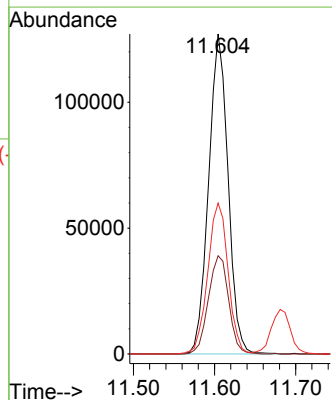
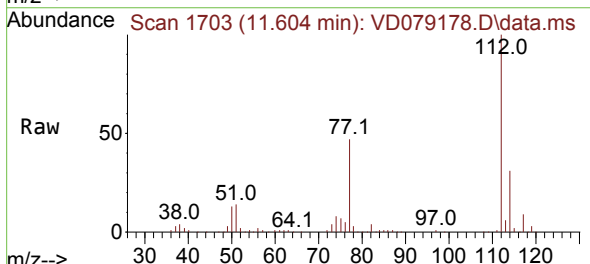
Instrument :
MSVOA_D
ClientSampleId :

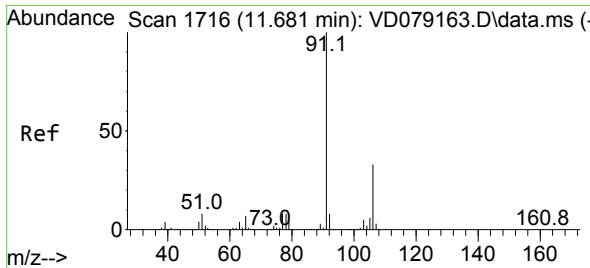
Tgt Ion:107 Resp: 58284
Ion Ratio Lower Upper
107 100
109 86.8 64.5 119.7
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 24.892 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:112 Resp: 210809
Ion Ratio Lower Upper
112 100
114 30.7 22.7 42.3
77 47.2 38.4 57.6

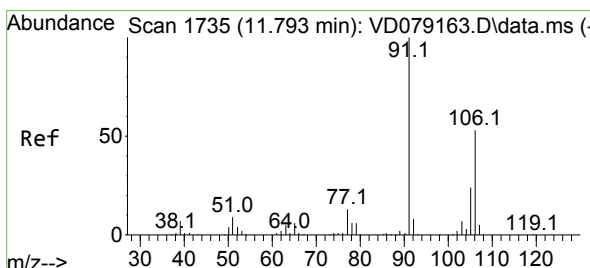
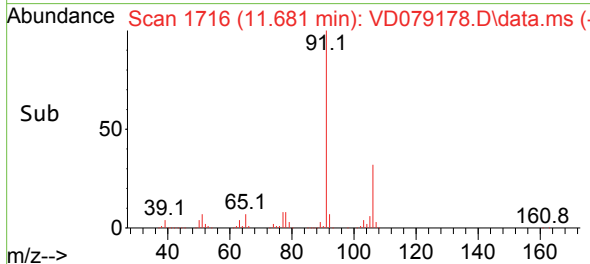
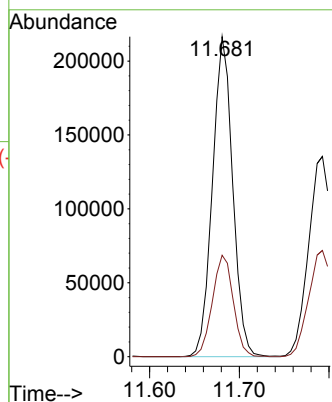
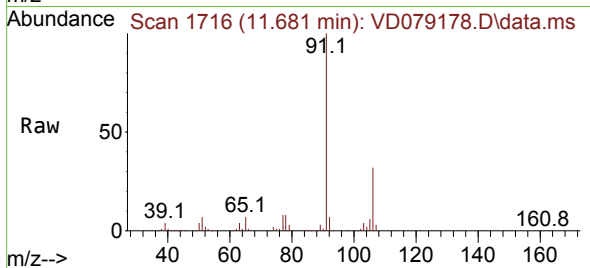




#52
Ethylbenzene
Concen: 25.574 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

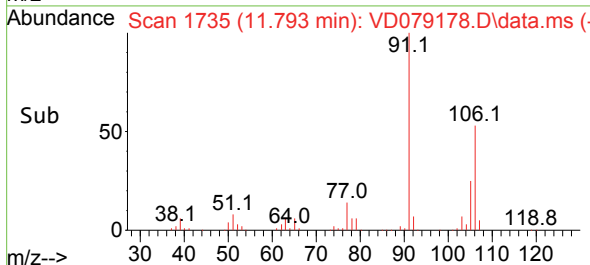
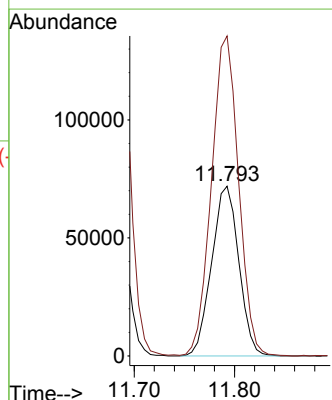
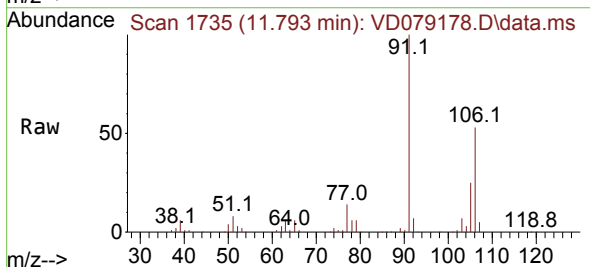
Instrument :
MSVOA_D
ClientSampleId :

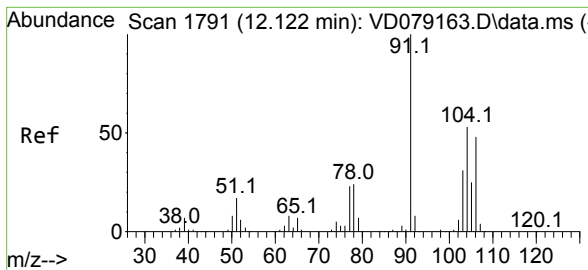
Tgt Ion: 91 Resp: 339541
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.5



#53
m,p-Xylene
Concen: 26.002 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:106 Resp: 135446
Ion Ratio Lower Upper
106 100
91 188.5 133.1 247.1

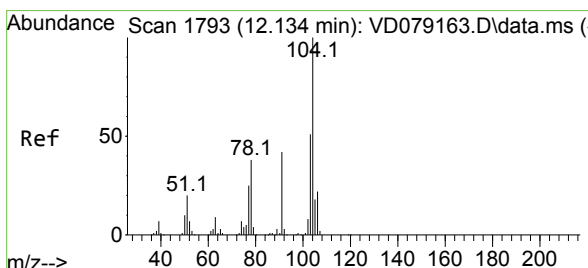
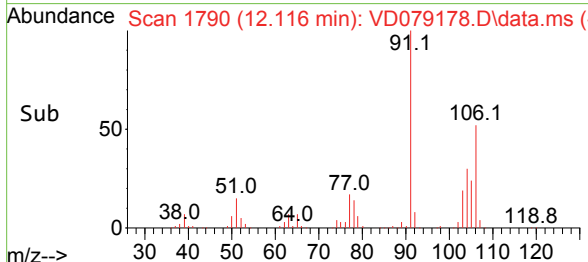
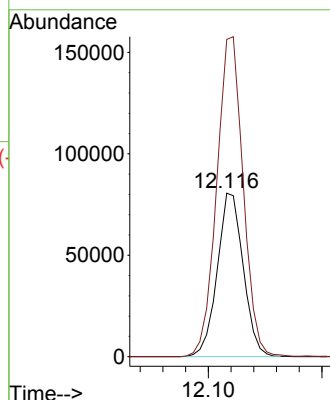
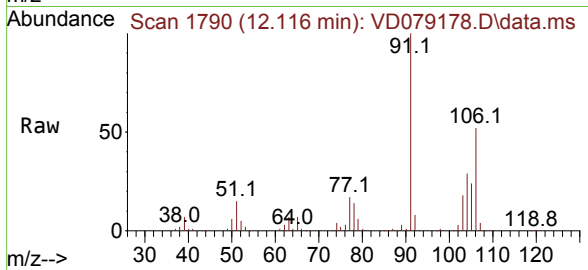




#54
o-Xylene
Concen: 25.477 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

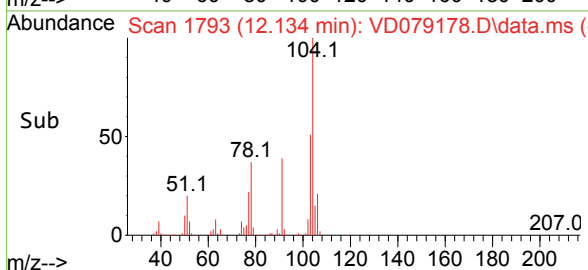
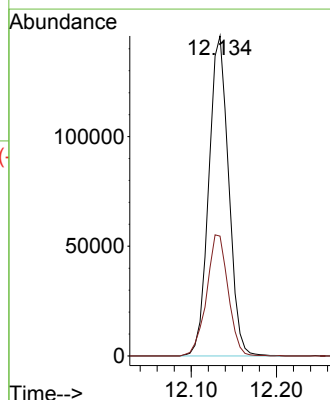
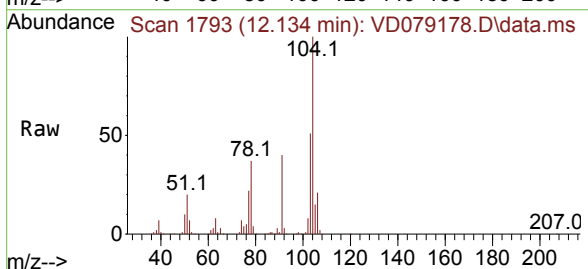
Instrument :
MSVOA_D
ClientSampleId :

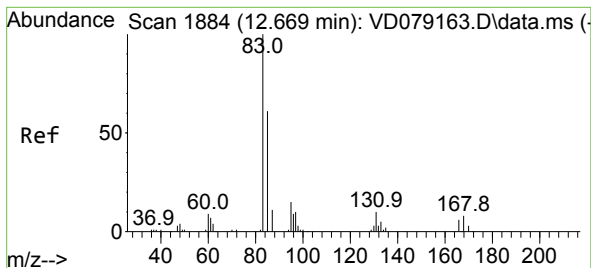
Tgt Ion:106 Resp: 128212
Ion Ratio Lower Upper
106 100
91 193.9 132.9 246.9



#55
Styrene
Concen: 26.446 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:104 Resp: 235983
Ion Ratio Lower Upper
104 100
78 37.4 27.8 51.6

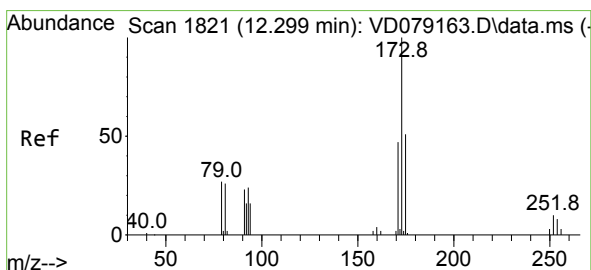
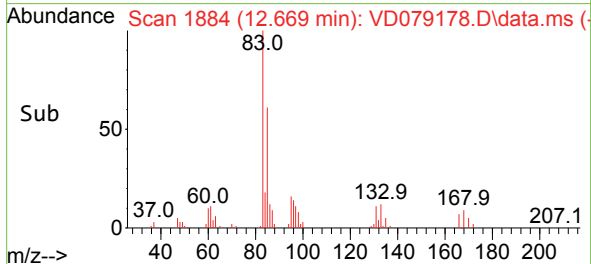
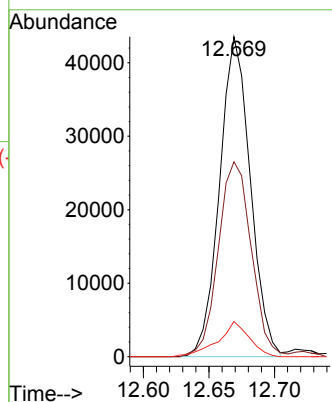
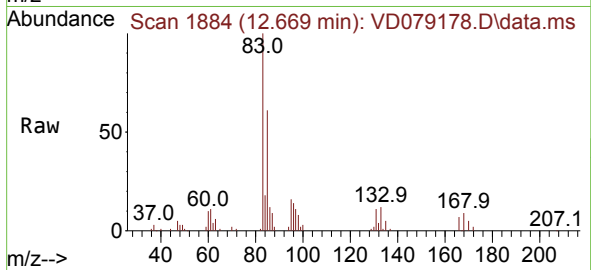




#57
1,1,2,2-Tetrachloroethane
Concen: 25.769 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

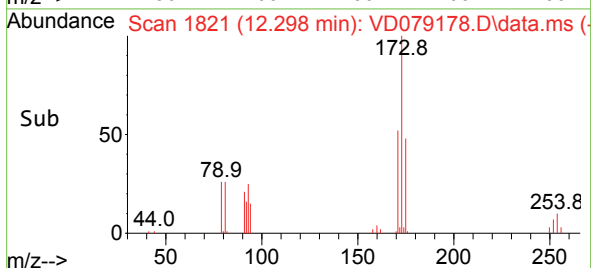
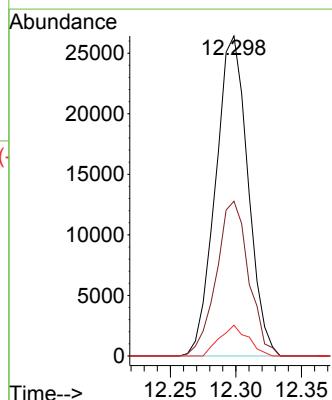
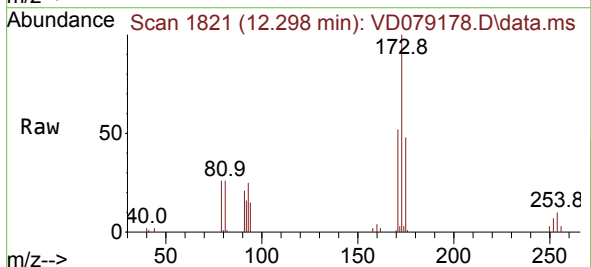
Instrument :
MSVOA_D
ClientSampleId :

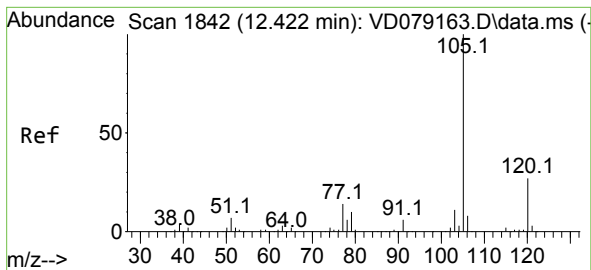
Tgt Ion:	83	Resp:	71049
Ion Ratio	Lower	Upper	
83	100		
85	60.9	47.5	88.1
131	11.0	8.6	13.0



#59
Bromoform
Concen: 24.755 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:	173	Resp:	45375
Ion Ratio	Lower	Upper	
173	100		
175	48.5	38.2	57.4
254	8.4	7.0	10.6





#60

Isopropylbenzene

Concen: 26.081 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

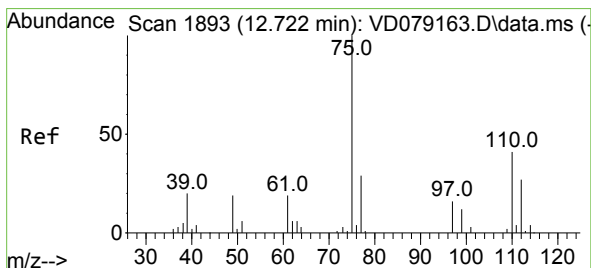
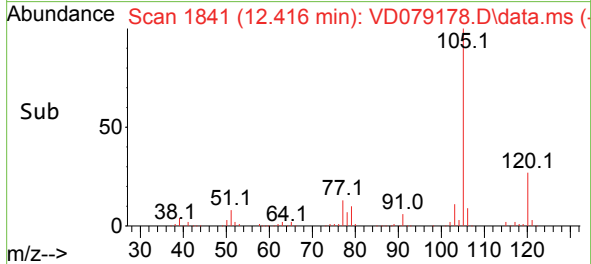
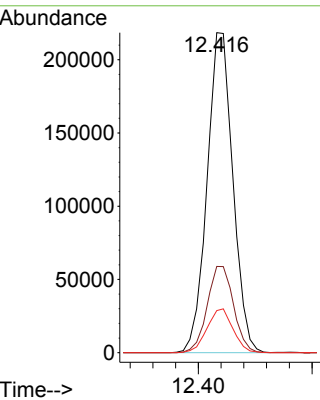
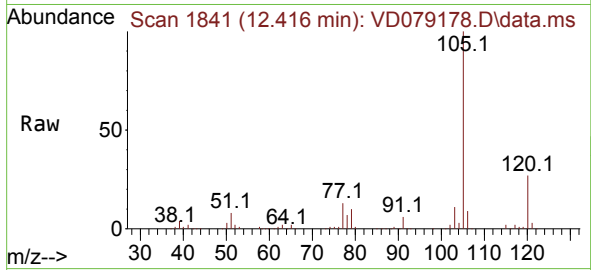
Tgt Ion:105 Resp: 344895

Ion Ratio Lower Upper

105 100

120 27.4 21.9 32.9

77 13.8 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.584 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079178.D

Acq: 13 Jun 2024 13:47

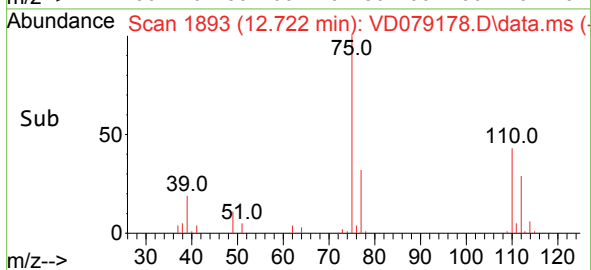
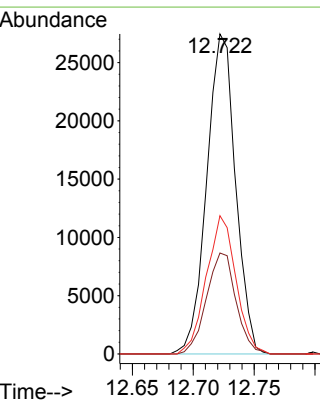
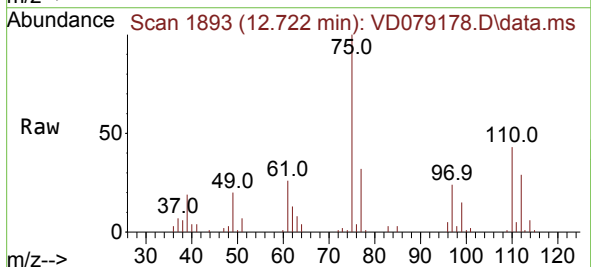
Tgt Ion: 75 Resp: 45173

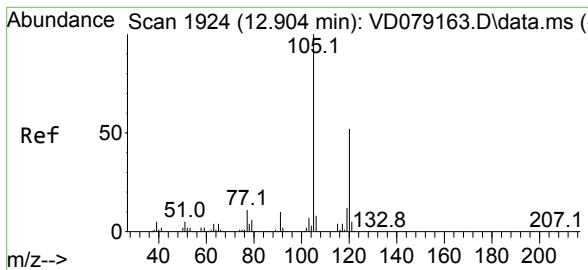
Ion Ratio Lower Upper

75 100

77 32.3 25.9 38.9

110 44.3 34.2 51.4

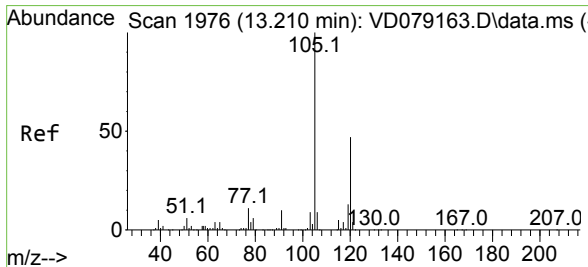
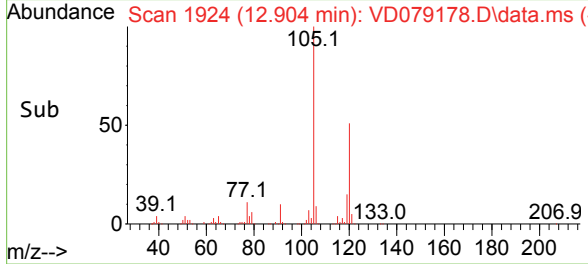
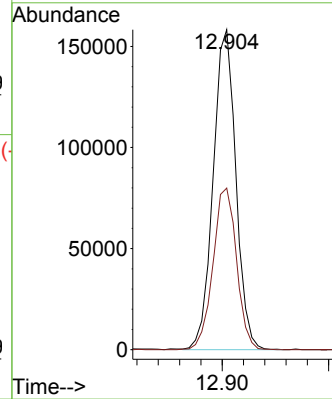
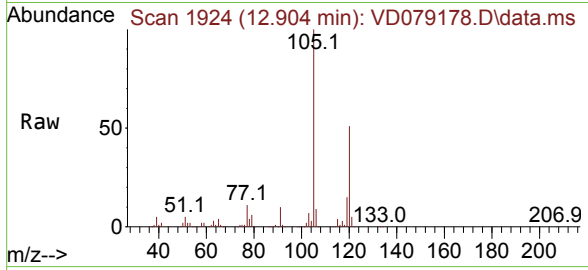




#62
 1,3,5-Trimethylbenzene
 Concen: 25.834 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

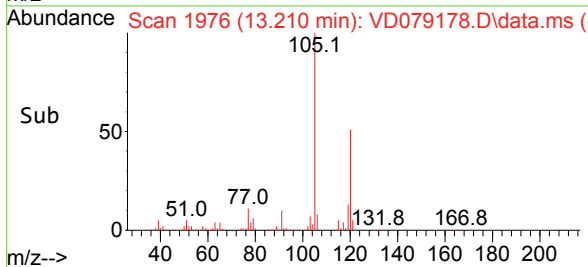
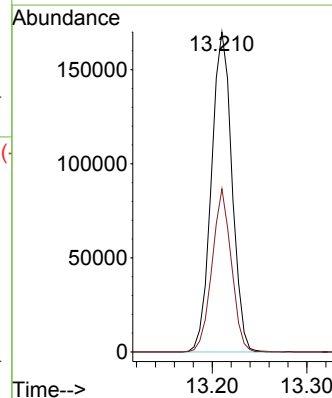
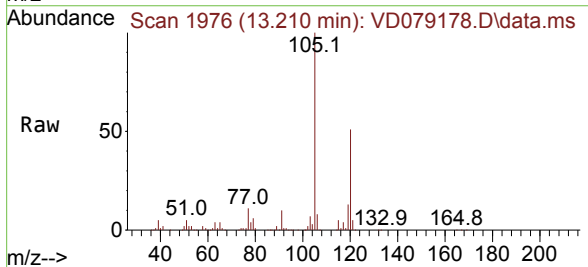
Instrument :
 MSVOA_D
 ClientSampleId :

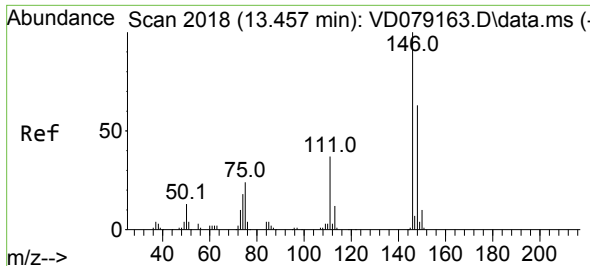
Tgt Ion:105 Resp: 233582
 Ion Ratio Lower Upper
 105 100
 120 52.4 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 26.601 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

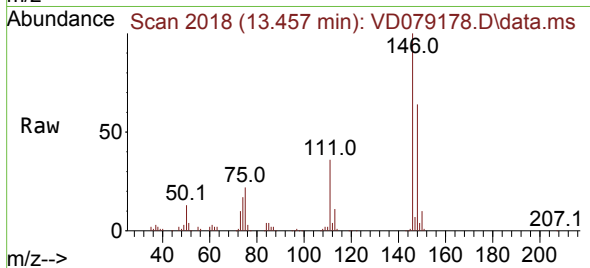
Tgt Ion:105 Resp: 257253
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.0 57.0



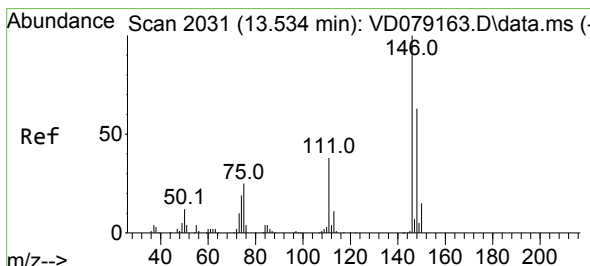
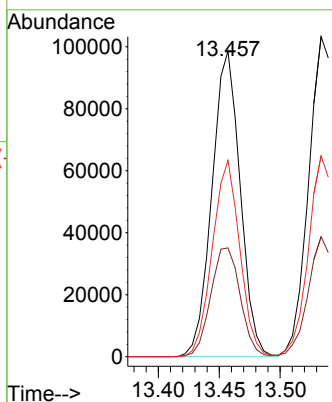
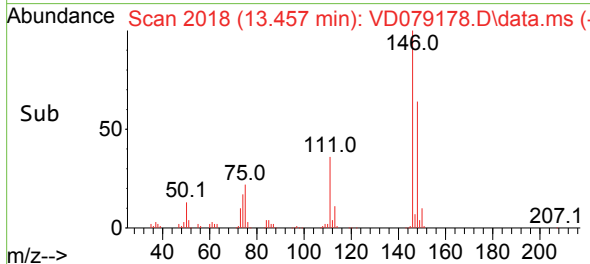


#64
1,3-Dichlorobenzene
Concen: 25.026 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

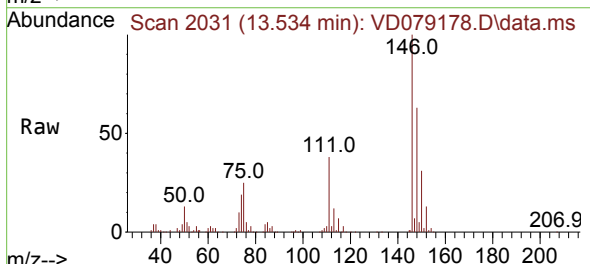
Instrument :
MSVOA_D
ClientSampleId :



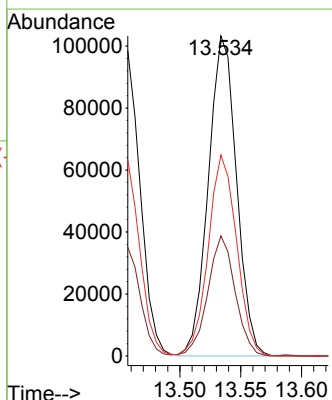
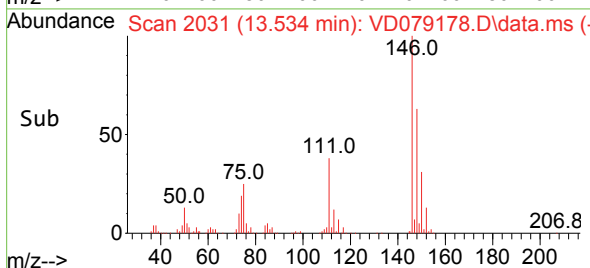
Tgt Ion:146 Resp: 158984
Ion Ratio Lower Upper
146 100
111 35.6 24.4 45.4
148 64.2 44.9 83.3

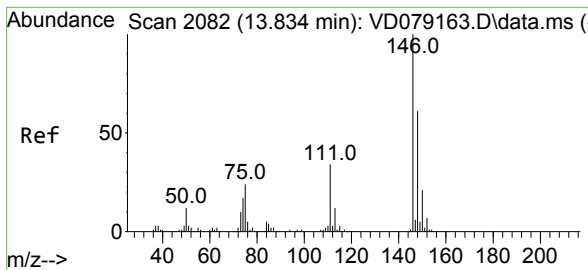


#65
1,4-Dichlorobenzene
Concen: 24.782 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47



Tgt Ion:146 Resp: 166809
Ion Ratio Lower Upper
146 100
111 37.5 26.3 48.9
148 62.8 43.1 80.1

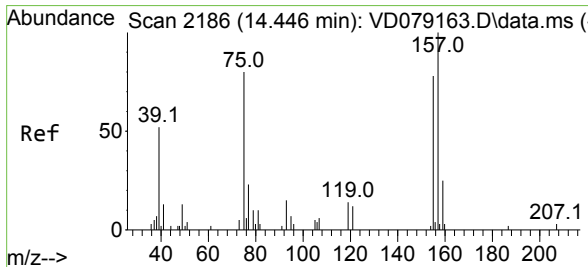
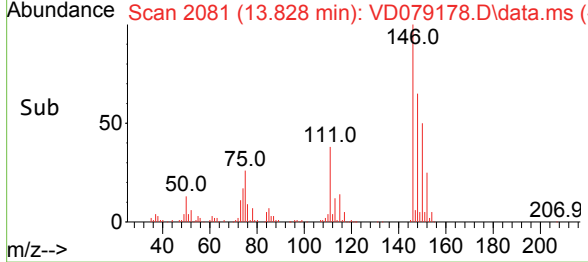
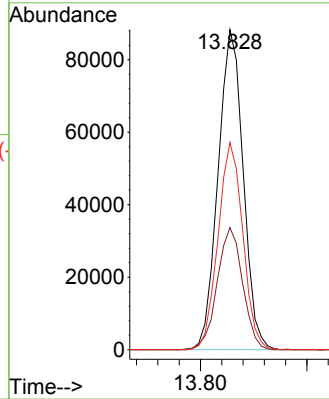
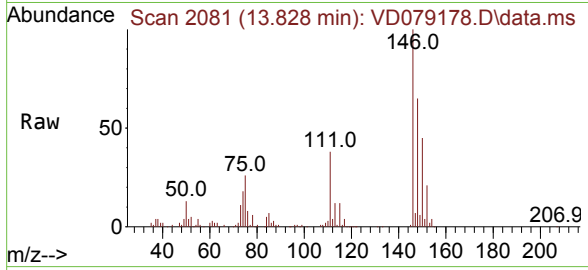




#67
1,2-Dichlorobenzene
Concen: 24.576 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

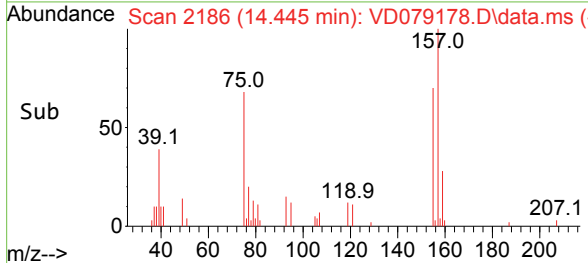
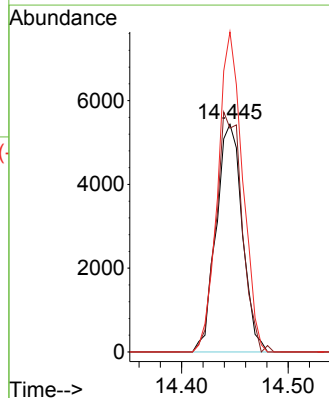
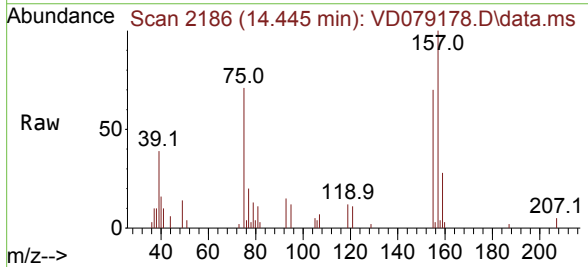
Instrument :
MSVOA_D
ClientSampleId :

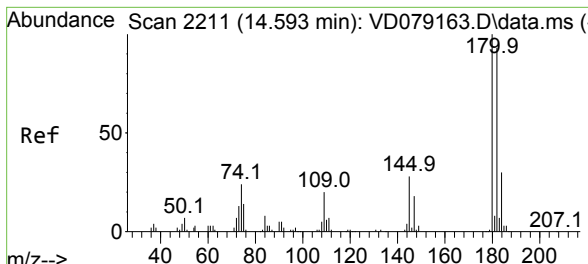
Tgt Ion:146 Resp: 144330
Ion Ratio Lower Upper
146 100
111 38.2 29.1 43.7
148 64.7 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.468 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

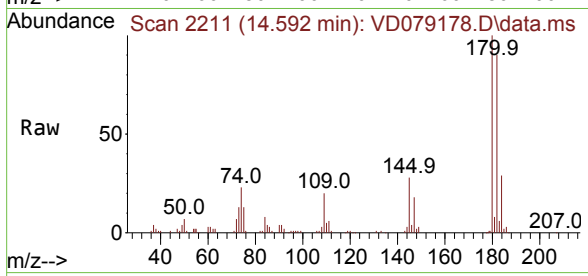
Tgt Ion: 75 Resp: 9244
Ion Ratio Lower Upper
75 100
155 98.3 68.1 102.1
157 140.5 91.6 137.4#





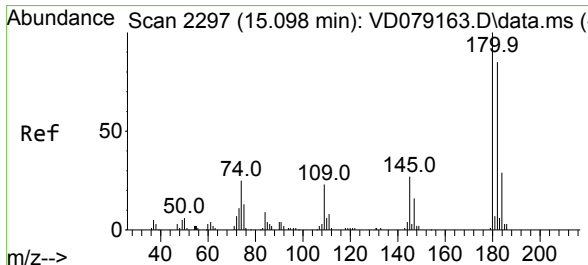
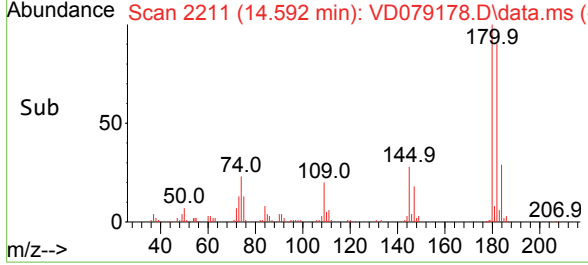
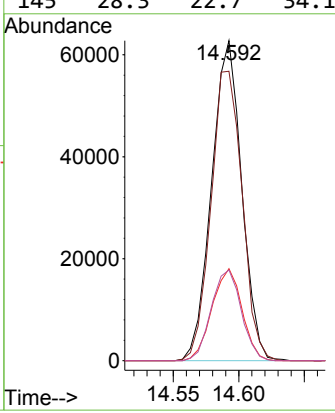
#69
 1,3,5-Trichlorobenzene
 Concen: 24.982 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 100094

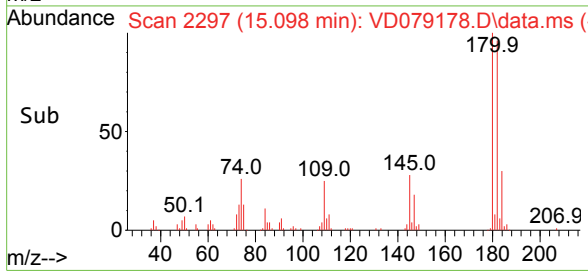
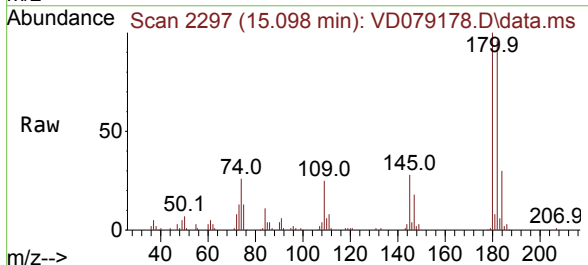
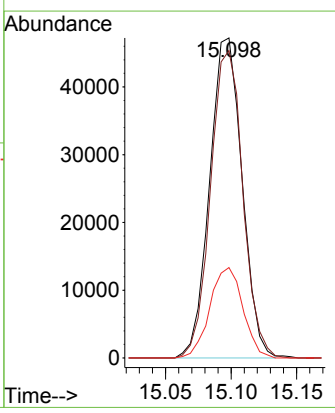
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.9	115.3
184	28.6	23.3	34.9
145	28.3	22.7	34.1

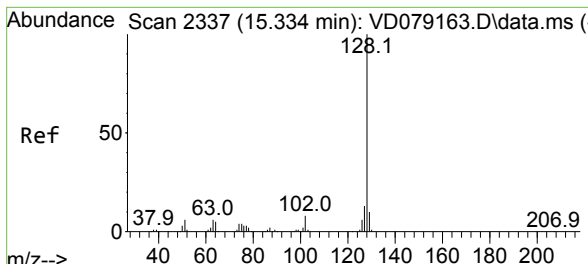


#70
 1,2,4-trichlorobenzene
 Concen: 24.407 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079178.D
 Acq: 13 Jun 2024 13:47

Tgt Ion:180 Resp: 81215

Ion	Ratio	Lower	Upper
180	100		
182	95.5	73.8	110.6
145	28.8	22.3	33.5



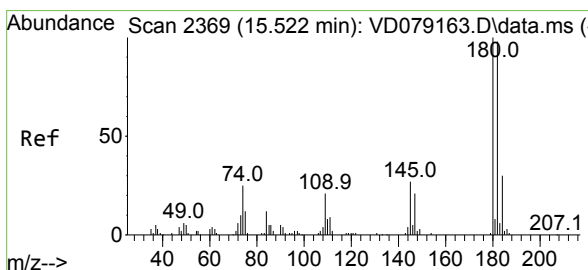
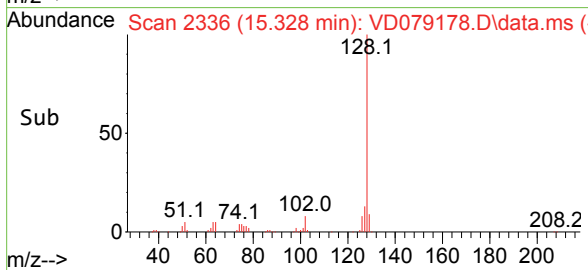
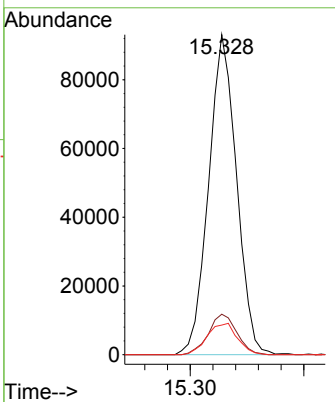
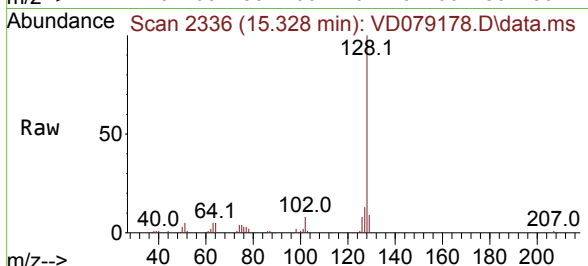


#71
Naphthalene
Concen: 25.504 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 158719

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.919 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD079178.D
Acq: 13 Jun 2024 13:47

Tgt Ion:180 Resp: 74543

Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.4	119.2
145	31.1	24.7	37.1

