

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077490.D
 Acq On : 02 Nov 2023 15:17
 Operator : JC/SY
 Sample : 05215-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 01:03:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

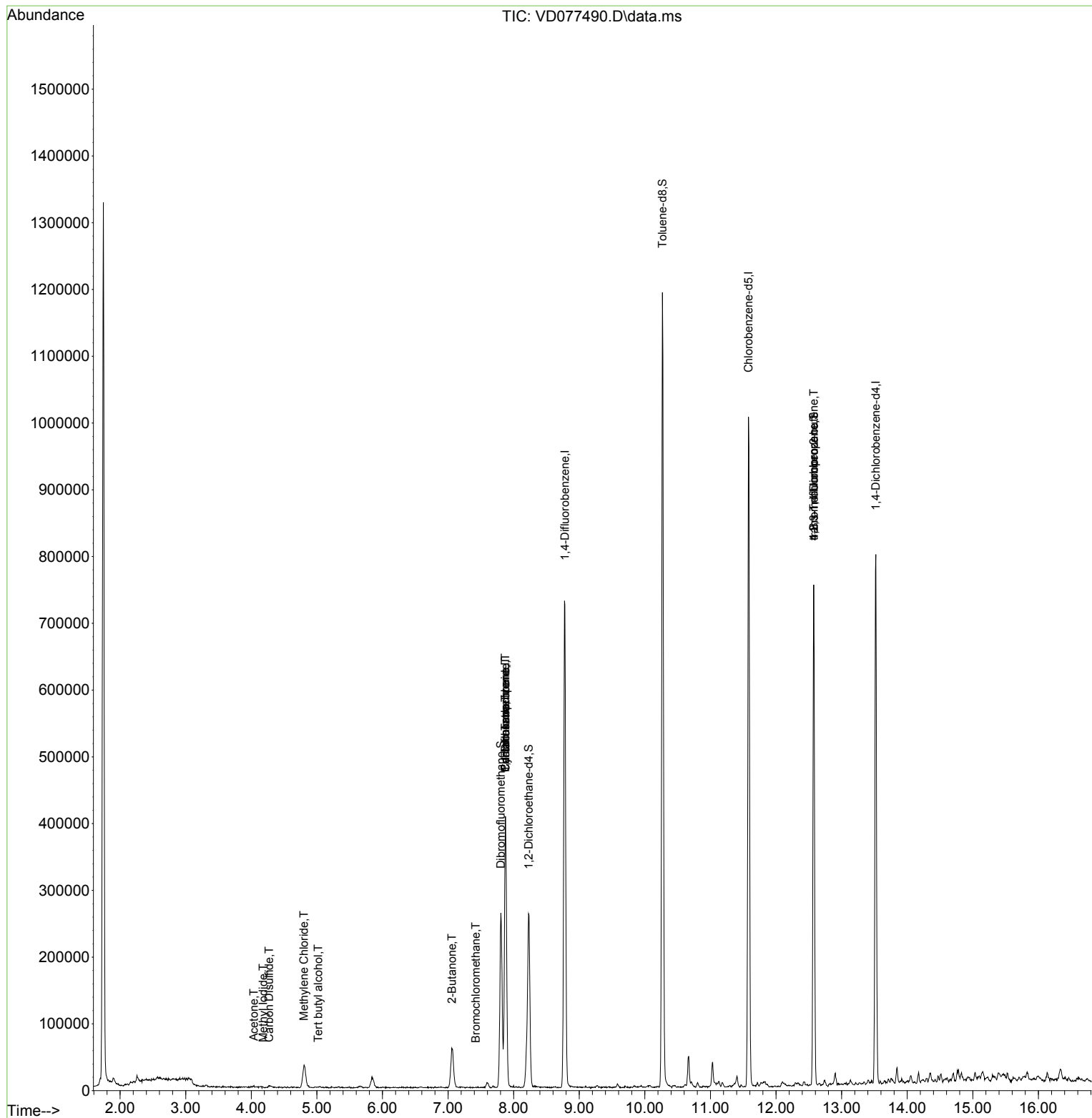
Internal Standards						
1) Pentafluorobenzene	7.875	168	294223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	601438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	529185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	193739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	199842	48.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.804	113	184748	44.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.880%		
50) Toluene-d8	10.269	98	777436	48.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.575	95	227445	41.823	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.640%		
Target Compounds						Qvalue
10) Methyl Iodide	4.181	142	269	3.212	ug/l #	78
11) Tert butyl alcohol	5.022	59	624	1.893	ug/l #	73
16) Acetone	4.040	43	5237	4.757	ug/l #	79
17) Carbon Disulfide	4.269	76	3425	4.106	ug/l #	76
20) Methylene Chloride	4.805	84	22671	3.216	ug/l #	59
25) 2-Butanone	7.057	43	4662	3.175	ug/l #	63
28) Bromochloromethane	7.422	49	71	2.125	ug/l #	1
31) Cyclohexane	7.875	56	8927	1.373	ug/l #	20
36) 1,1-Dichloropropene	7.875	75	28776	4.669	ug/l #	47
38) Carbon Tetrachloride	7.875	117	30637	5.275	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	129004	54.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	129004	105.678	ug/l #	17

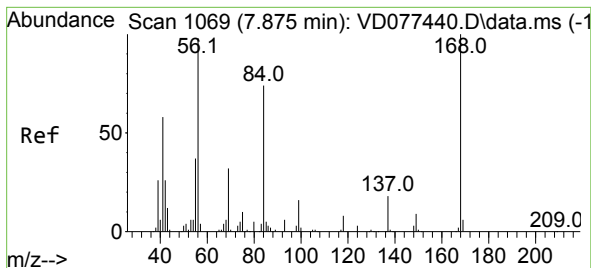
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
Data File : VD077490.D
Acq On : 02 Nov 2023 15:17
Operator : JC/SY
Sample : 05215-01
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 03 01:03:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

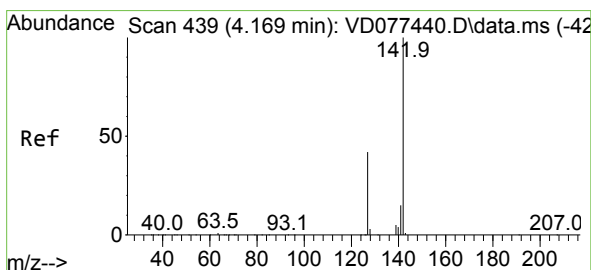
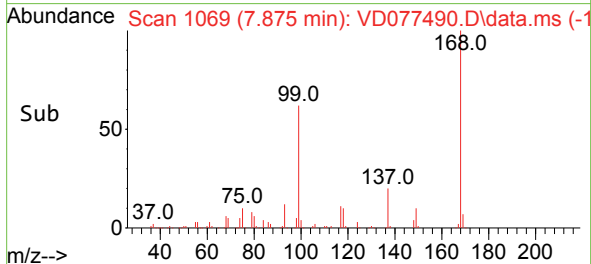
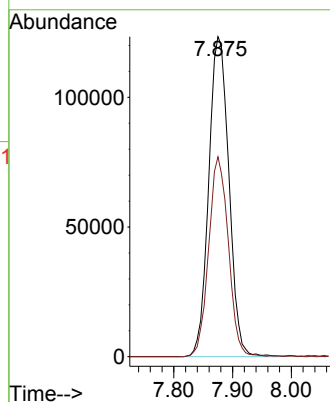
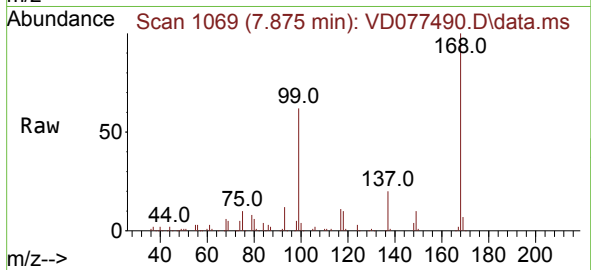
ClientSampleId :

Tgt Ion:168 Resp: 294223

Ion Ratio Lower Upper

168 100

99 62.5 36.7 55.1#



#10

Methyl Iodide

Concen: 3.212 ug/l

RT: 4.181 min Scan# 441

Delta R.T. 0.012 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

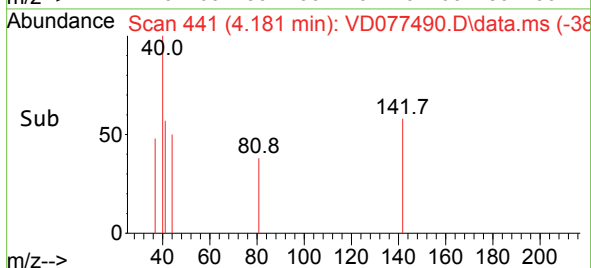
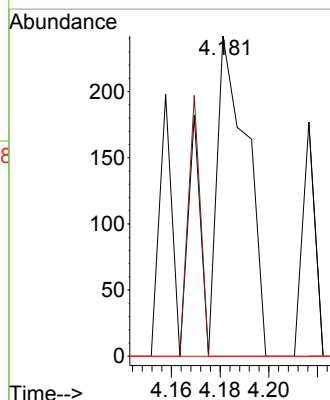
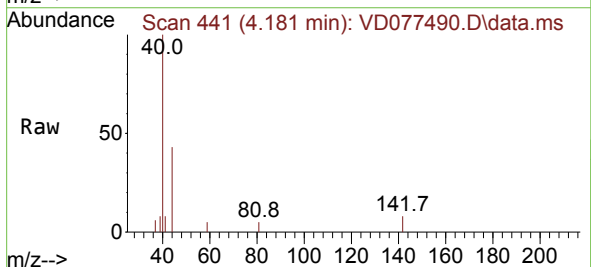
Tgt Ion:142 Resp: 269

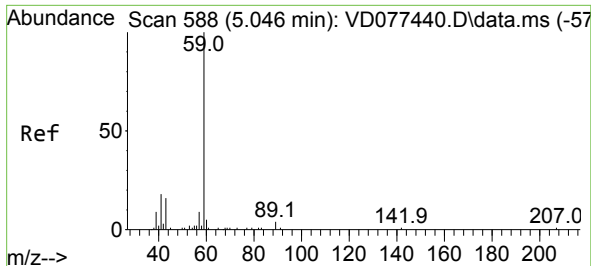
Ion Ratio Lower Upper

142 100

127 26.0 29.4 44.0#

141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 1.893 ug/l

RT: 5.022 min Scan# 5

Delta R.T. -0.024 min

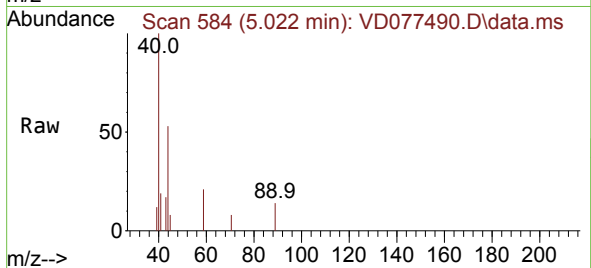
Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

ClientSampleId :

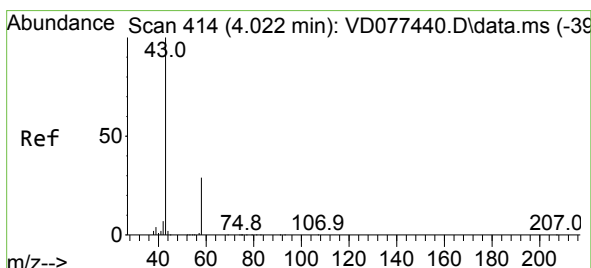
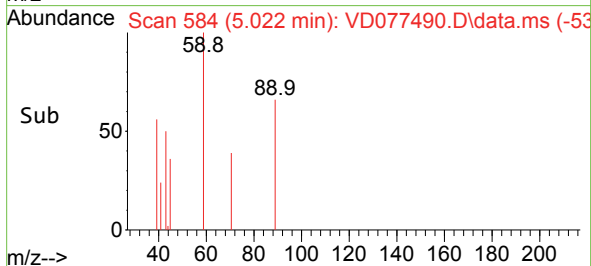
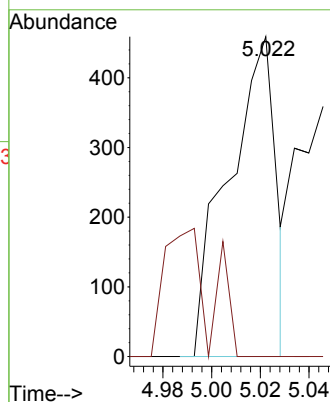


Tgt Ion: 59 Resp: 624

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 4.757 ug/l

RT: 4.040 min Scan# 417

Delta R.T. 0.018 min

Lab File: VD077490.D

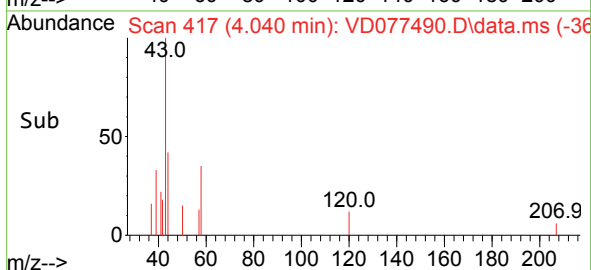
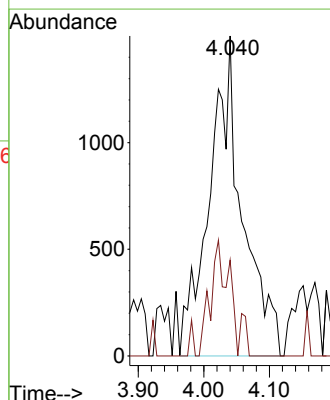
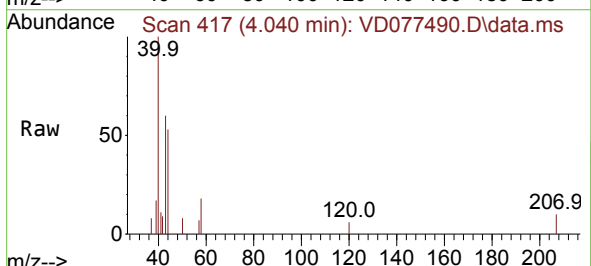
Acq: 02 Nov 2023 15:17

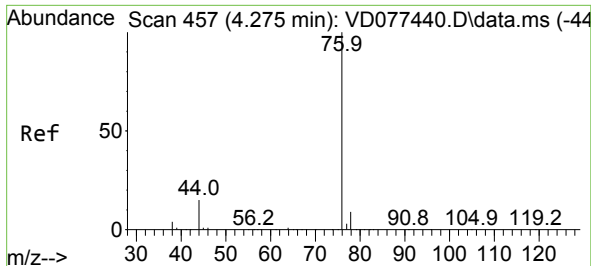
Tgt Ion: 43 Resp: 5237

Ion Ratio Lower Upper

43 100

58 29.9 34.7 52.1#





#17

Carbon Disulfide

Concen: 4.106 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

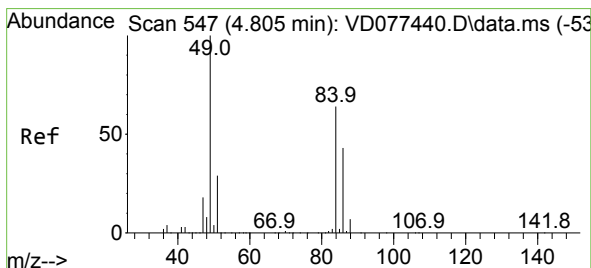
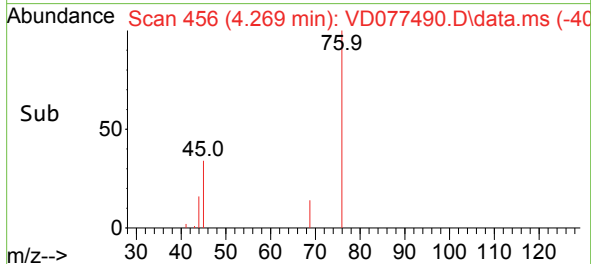
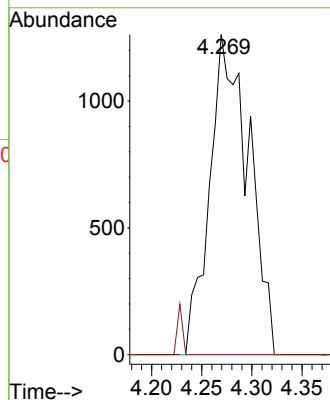
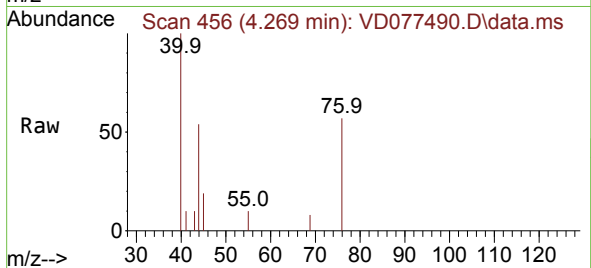
ClientSampleId :

Tgt Ion: 76 Resp: 3425

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: 3.216 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Tgt Ion: 84 Resp: 22671

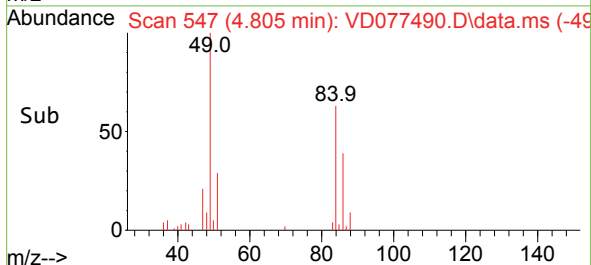
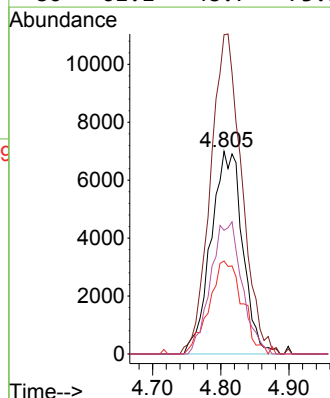
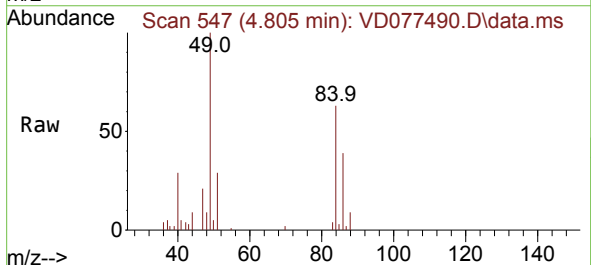
Ion Ratio Lower Upper

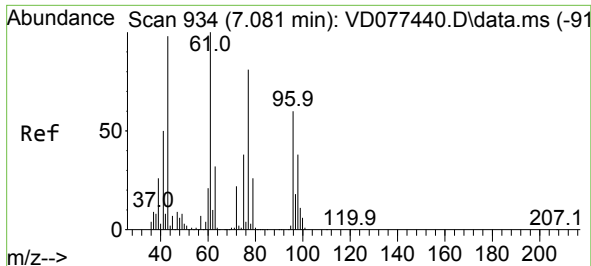
84 100

49 157.6 71.4 107.2#

51 45.9 24.5 36.7#

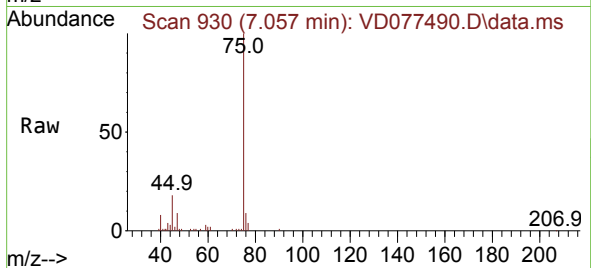
86 61.1 48.7 73.1



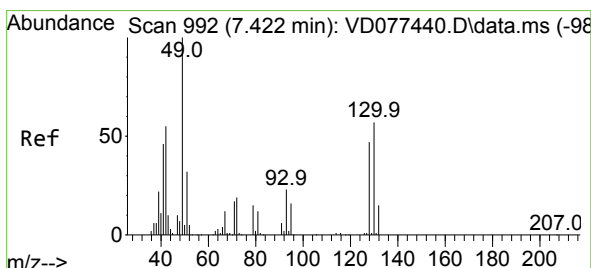
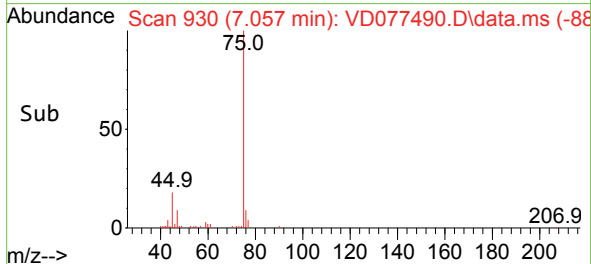
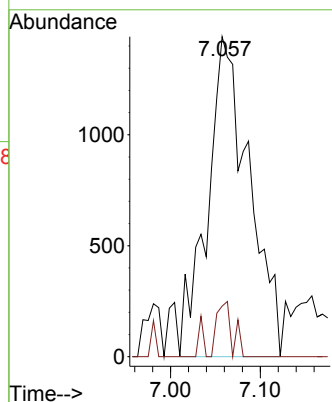


#25
2-Butanone
Concen: 3.175 ug/l
RT: 7.057 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Instrument :
MSVOA_D
ClientSampleId :

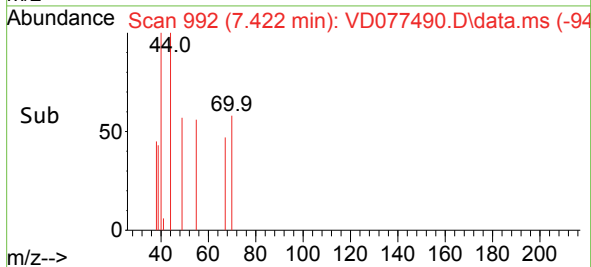
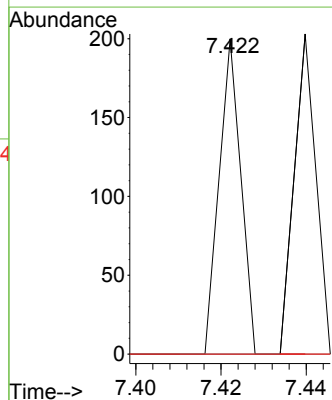
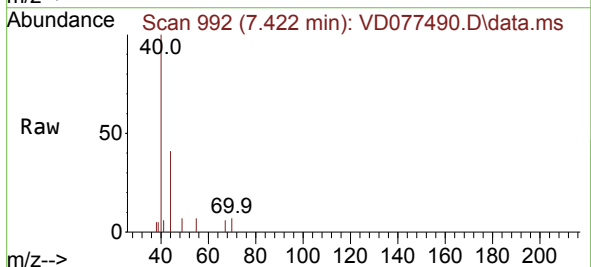


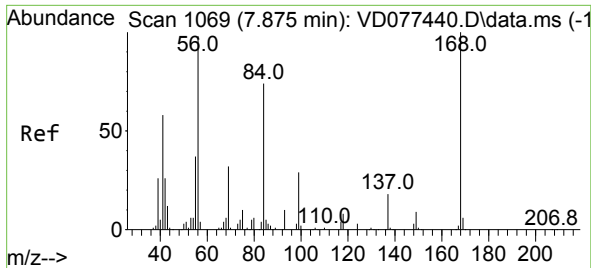
Tgt Ion: 43 Resp: 4662
Ion Ratio Lower Upper
43 100
72 15.8 30.7 46.1#



#28
Bromochloromethane
Concen: 2.125 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

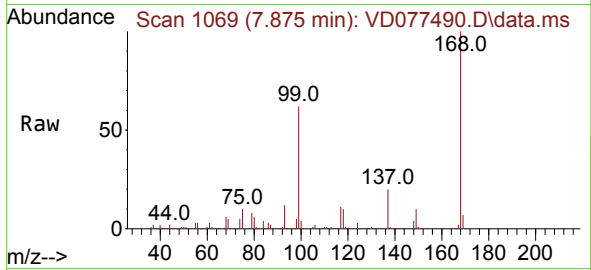
Tgt Ion: 49 Resp: 71
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



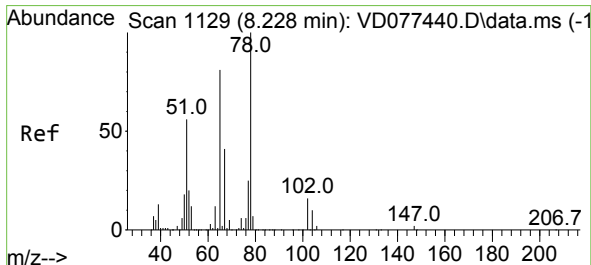
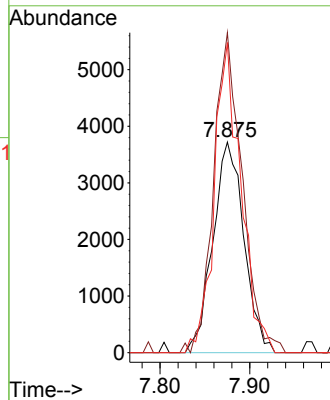
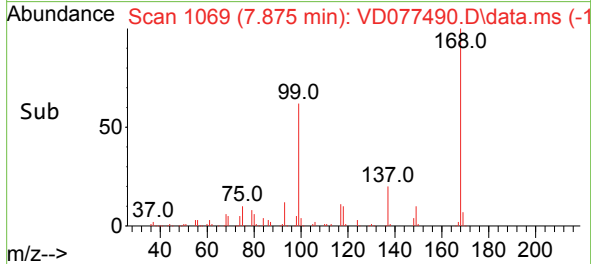


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Instrument :
MSVOA_D
ClientSampleId :

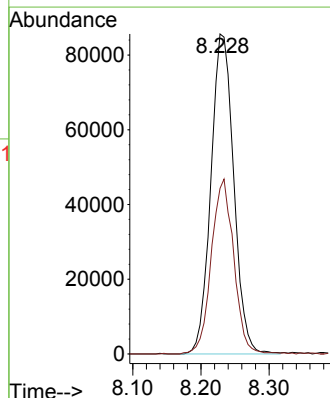
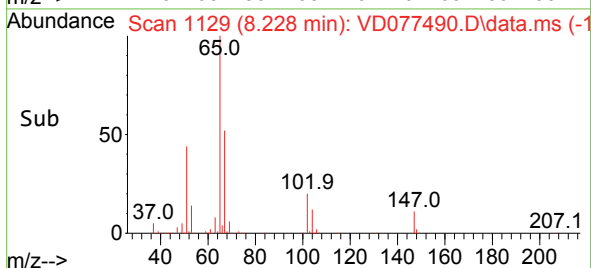
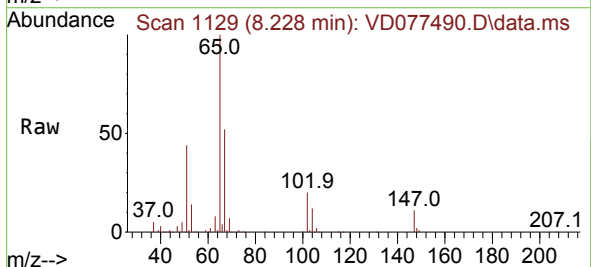


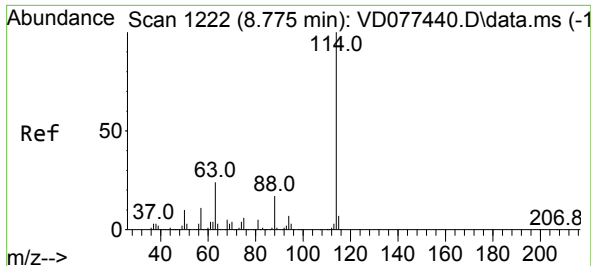
Tgt Ion: 56 Resp: 8927
Ion Ratio Lower Upper
56 100
69 152.0 28.6 43.0#
84 147.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 48.034 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

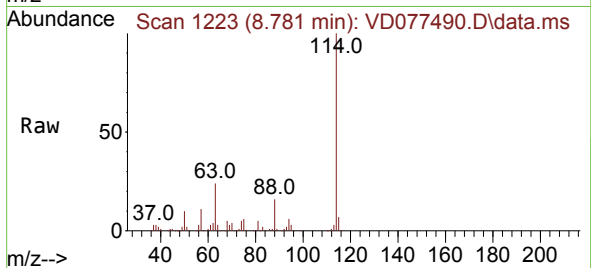
Tgt Ion: 65 Resp: 199842
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0



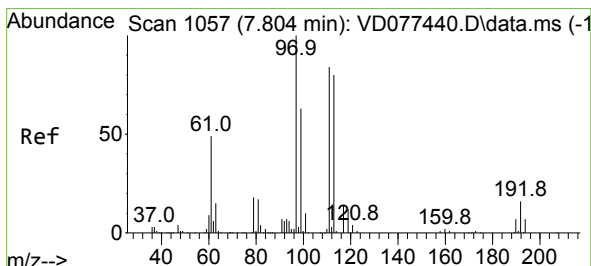
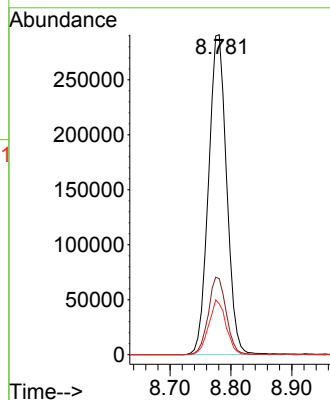
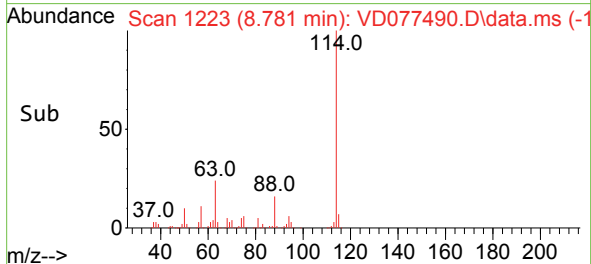


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Instrument :
MSVOA_D
ClientSampleId :

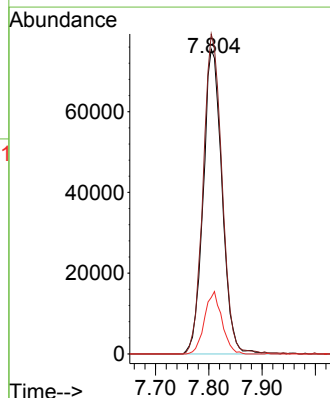
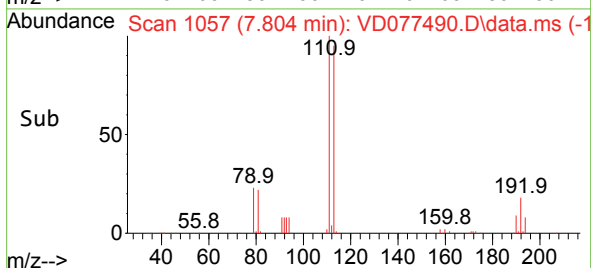
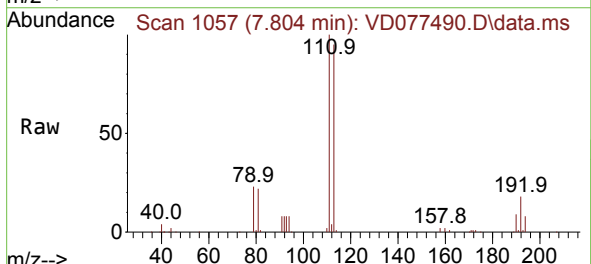


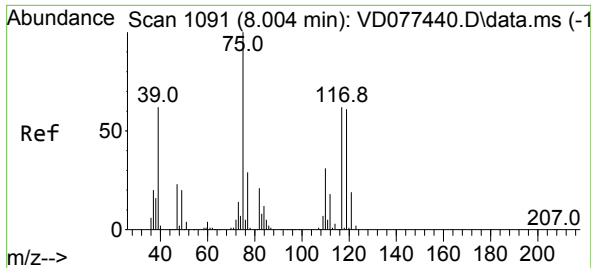
Tgt Ion:114 Resp: 601438
Ion Ratio Lower Upper
114 100
63 23.7 0.0 33.4
88 15.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 44.444 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Tgt Ion:113 Resp: 184748
Ion Ratio Lower Upper
113 100
111 105.5 84.7 127.1
192 18.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.669 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

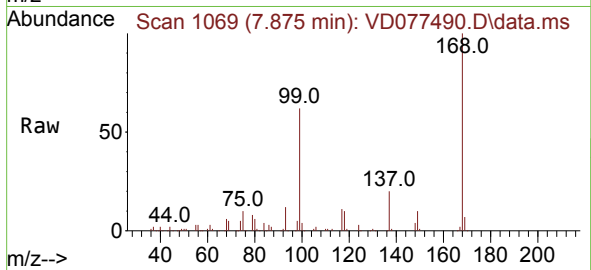
Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

ClientSampleId :



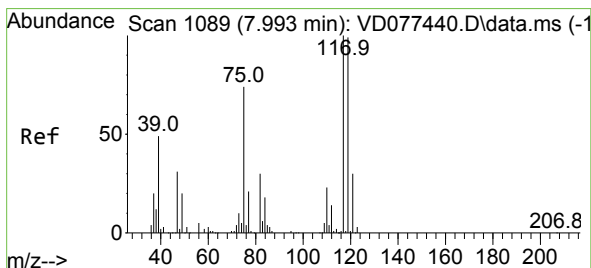
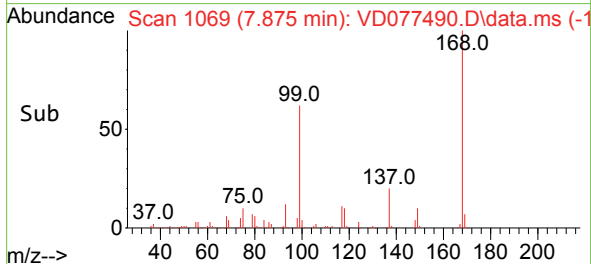
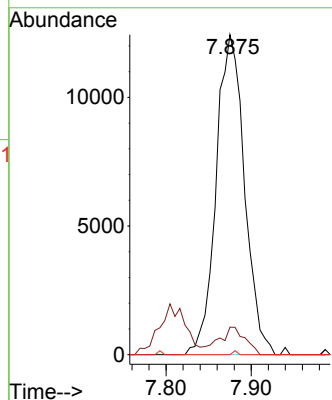
Tgt Ion: 75 Resp: 28776

Ion Ratio Lower Upper

75 100

110 8.2 19.9 59.6#

77 0.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.275 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

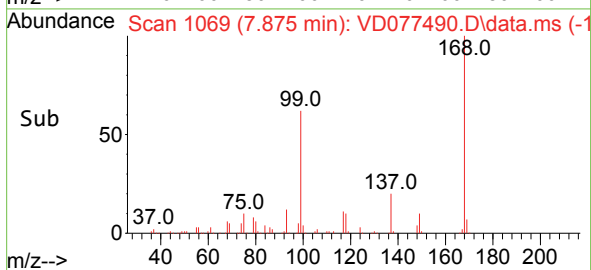
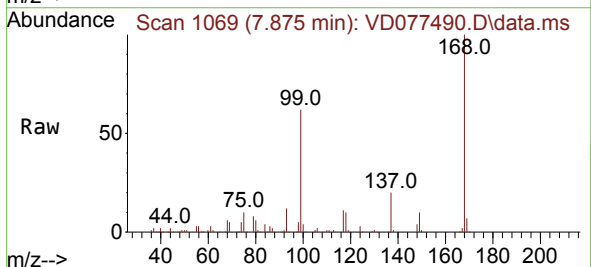
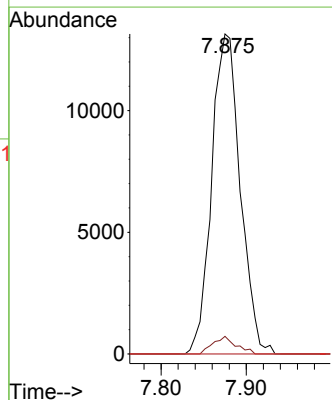
Tgt Ion: 117 Resp: 30637

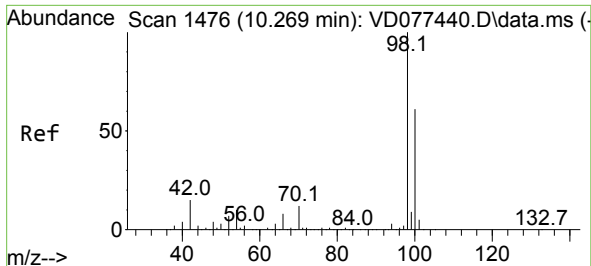
Ion Ratio Lower Upper

117 100

119 5.5 78.0 117.0#

121 0.0 24.2 36.2#

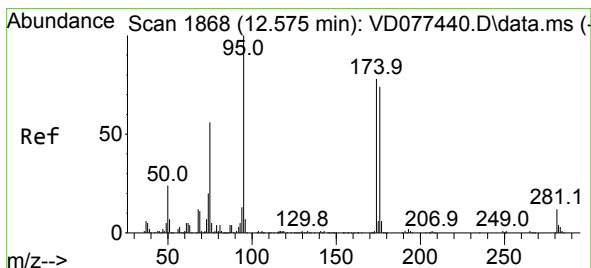
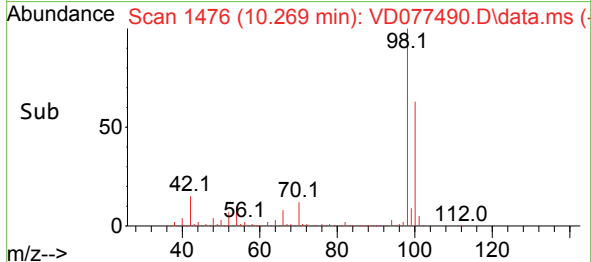
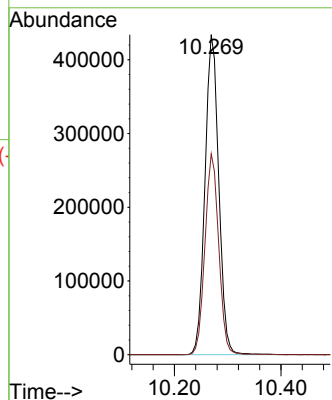
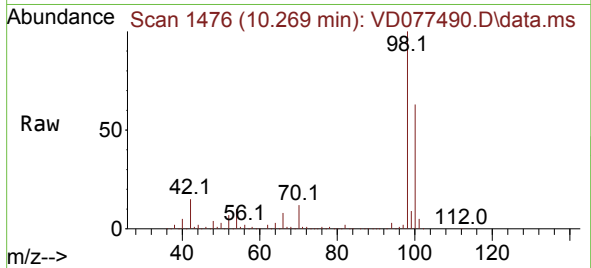




#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

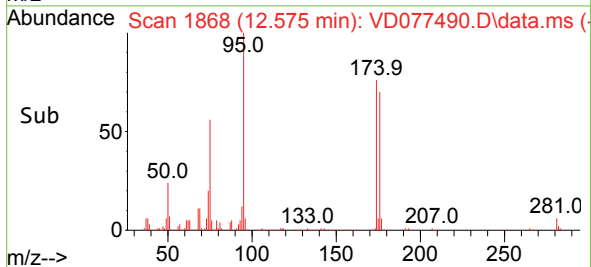
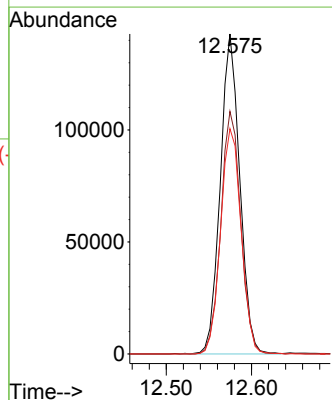
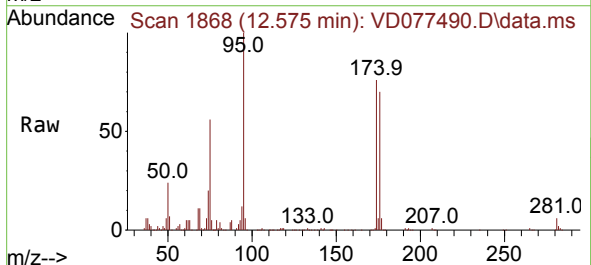
Instrument :
MSVOA_D
ClientSampleId :

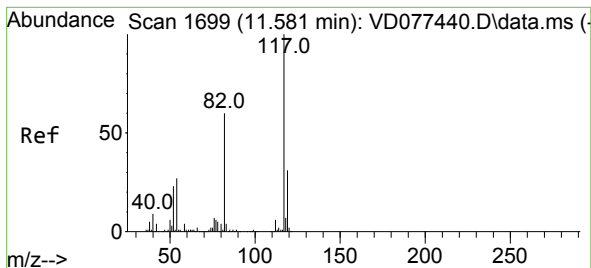
Tgt Ion: 98 Resp: 777436
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Tgt Ion: 95 Resp: 227445
Ion Ratio Lower Upper
95 100
174 77.4 0.0 201.8
176 74.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

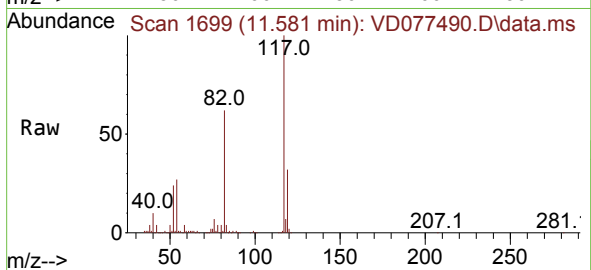
Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

ClientSampleId :



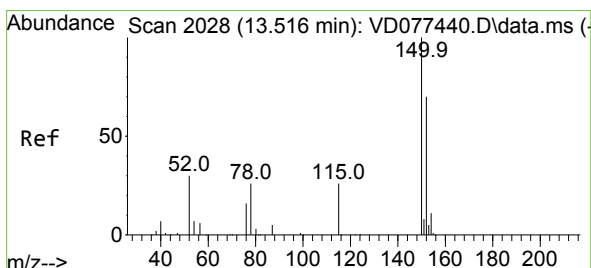
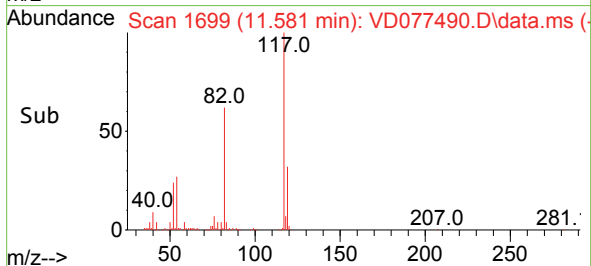
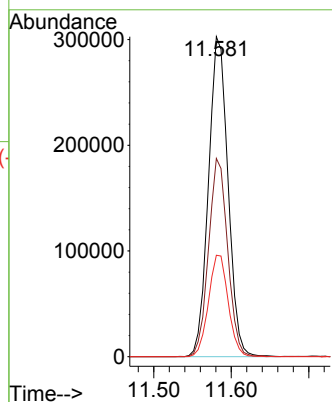
Tgt Ion:117 Resp: 529185

Ion Ratio Lower Upper

117 100

82 61.9 38.3 57.5#

119 31.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

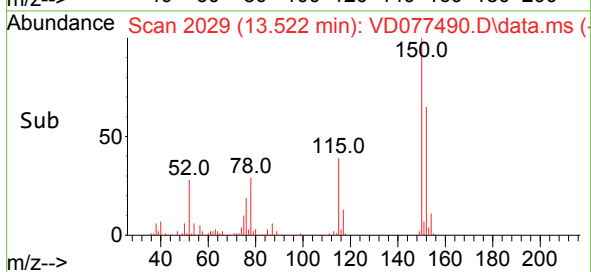
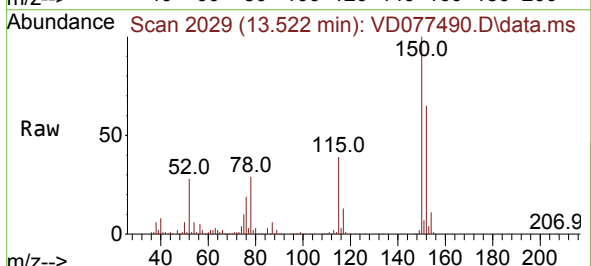
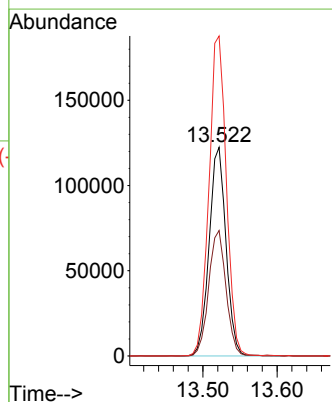
Tgt Ion:152 Resp: 193739

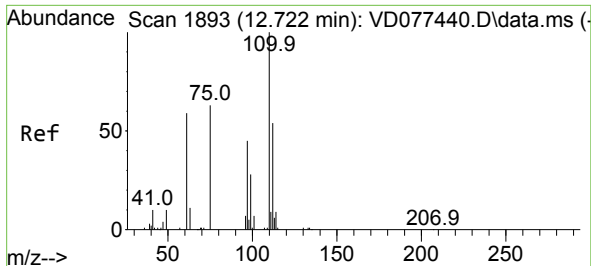
Ion Ratio Lower Upper

152 100

115 61.8 27.1 81.3

150 157.5 0.0 353.6

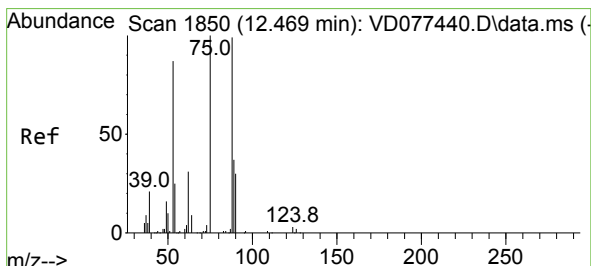
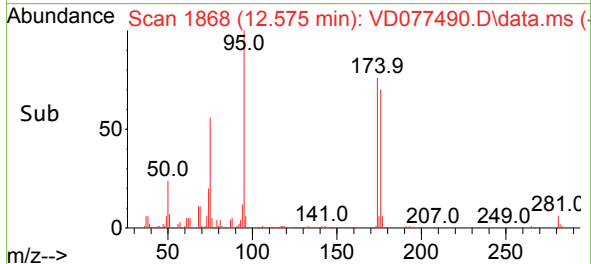
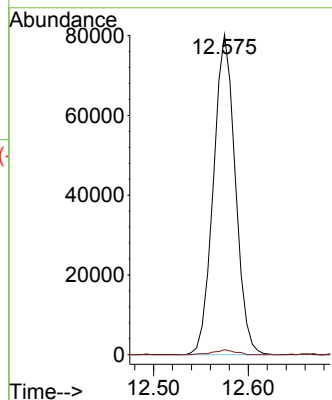
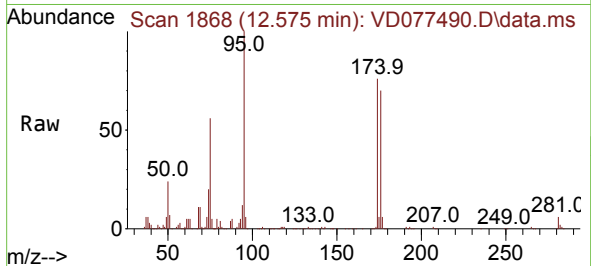




#76
1,2,3-Trichloropropane
Concen: 54.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 129004
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.678 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Tgt Ion: 75 Resp: 129004
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

