

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077495.D
 Acq On : 03 Nov 2023 10:21
 Operator : JC/SY
 Sample : VD1103SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 04 05:12:43 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	7.881	168	222494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	406230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349965	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150456	50.000	ug/l	0.00

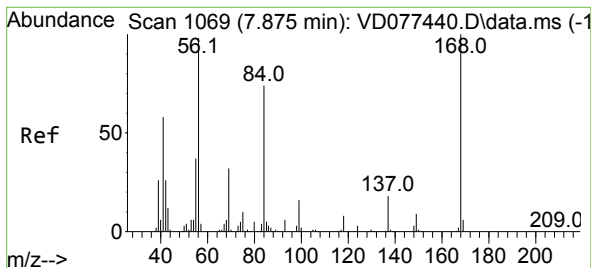
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	171317	54.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.810	113	153272	54.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.269	98	624233	57.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.480%
62) 4-Bromofluorobenzene	12.575	95	183597	49.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%

Target Compounds						Qvalue
10) Methyl Iodide	4.163	142	71	3.171	ug/l	# 39
11) Tert butyl alcohol	5.052	59	1024	4.109	ug/l	# 91
17) Carbon Disulfide	4.281	76	423	3.813	ug/l	# 76
25) 2-Butanone	7.069	43	2218	1.997	ug/l	# 37
28) Bromochloromethane	7.499	49	57	2.126	ug/l	# 1
31) Cyclohexane	7.881	56	7104	1.444	ug/l	# 36
36) 1,1-Dichloropropene	7.881	75	20281	4.872	ug/l	# 47
38) Carbon Tetrachloride	7.875	117	24038	6.128	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	104898	57.284	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	104898	110.651	ug/l	# 17

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

Quant Time: Nov 04 05:12:43 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: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077495.D

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Instrument :

MSVOA_D

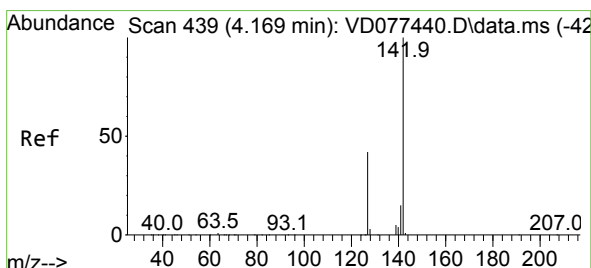
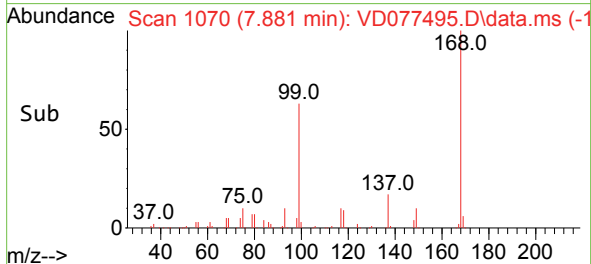
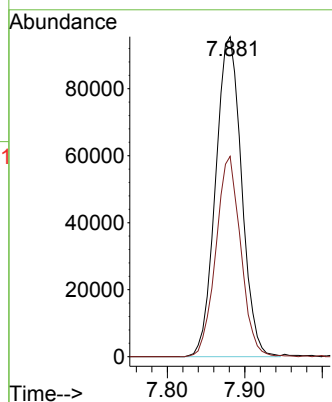
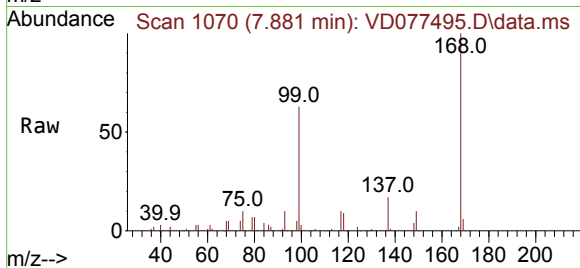
ClientSampleId :

Tgt Ion:168 Resp: 222494

Ion Ratio Lower Upper

168 100

99 62.6 36.7 55.1#



#10

Methyl Iodide

Concen: 3.171 ug/l

RT: 4.163 min Scan# 438

Delta R.T. -0.006 min

Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

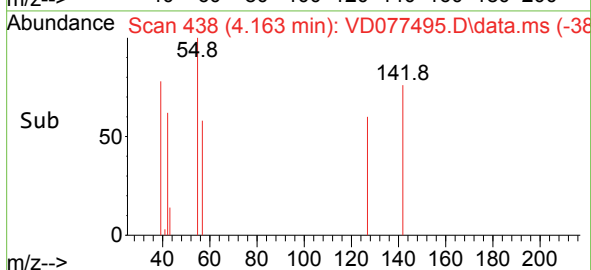
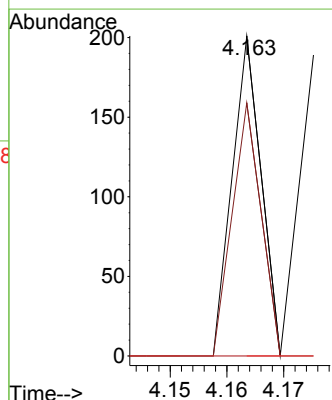
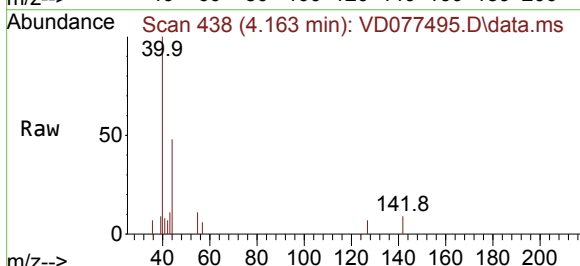
Tgt Ion:142 Resp: 71

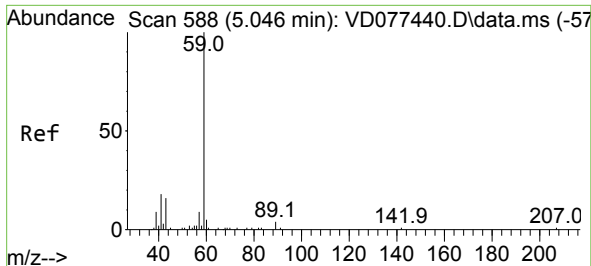
Ion Ratio Lower Upper

142 100

127 78.9 29.4 44.0#

141 0.0 11.1 16.7#

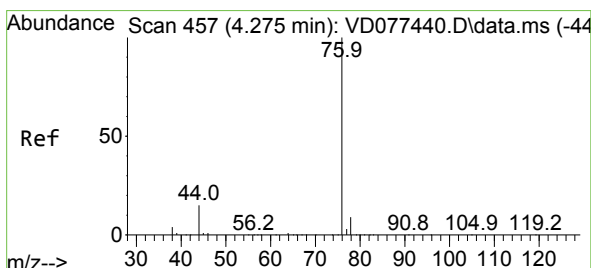
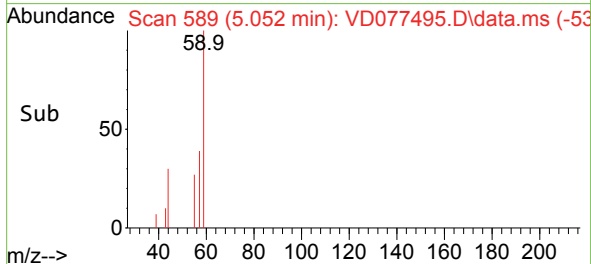
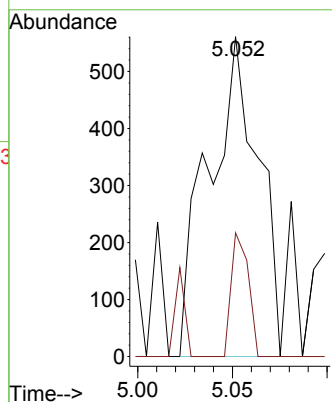
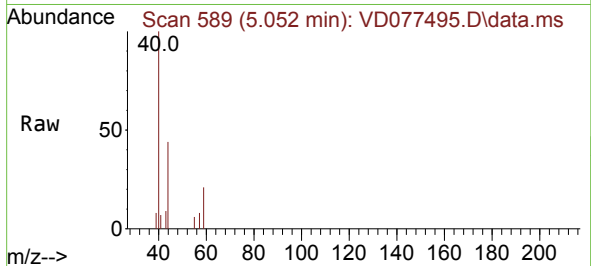




#11
Tert butyl alcohol
Concen: 4.109 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

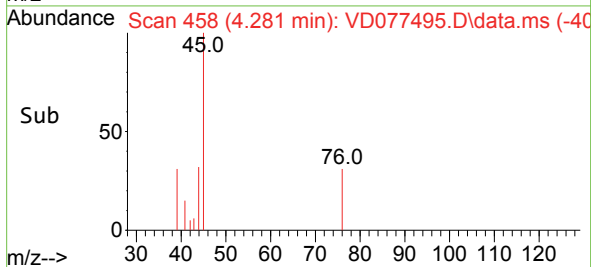
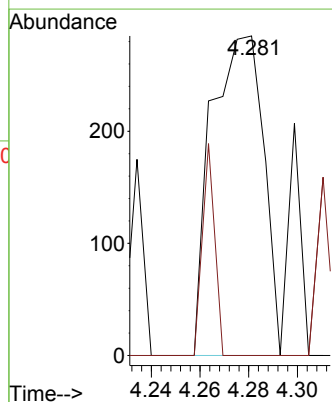
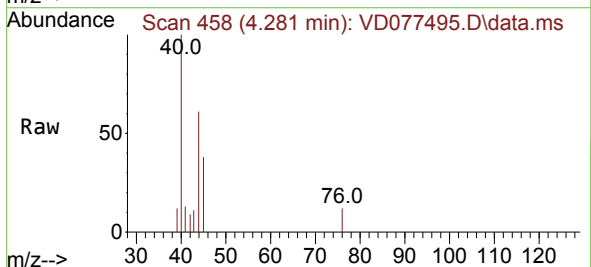
Instrument :
MSVOA_D
ClientSampleId :

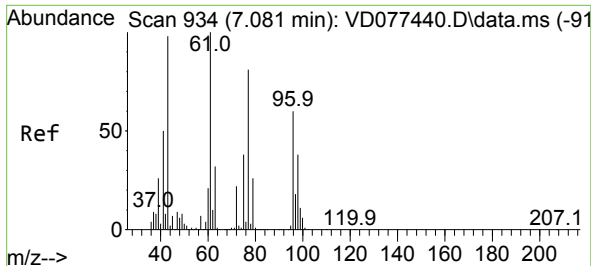
Tgt Ion: 59 Resp: 1024
Ion Ratio Lower Upper
59 100
57 13.3 7.8 11.8#



#17
Carbon Disulfide
Concen: 3.813 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

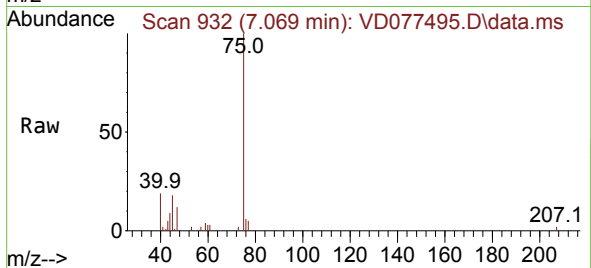
Tgt Ion: 76 Resp: 423
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



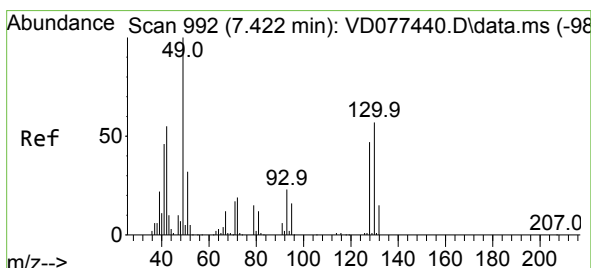
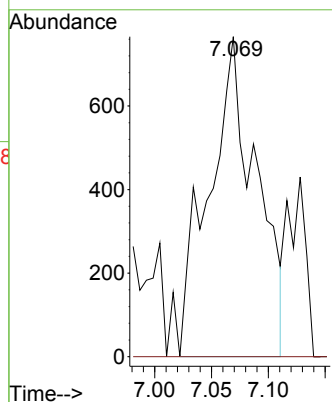
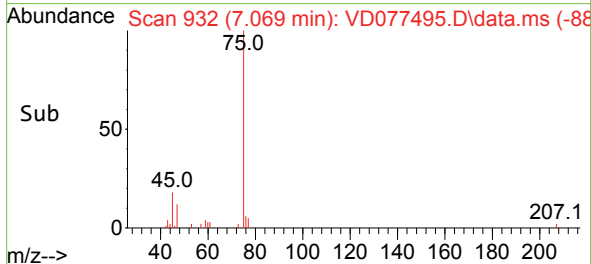


#25
2-Butanone
Concen: 1.997 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

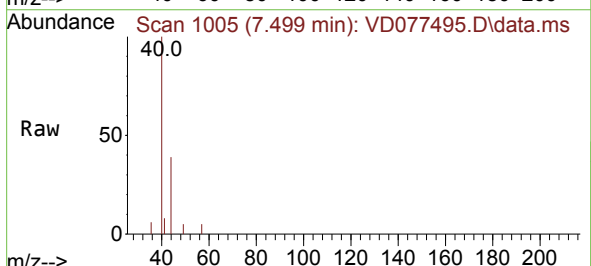
Instrument :
MSVOA_D
ClientSampleId :



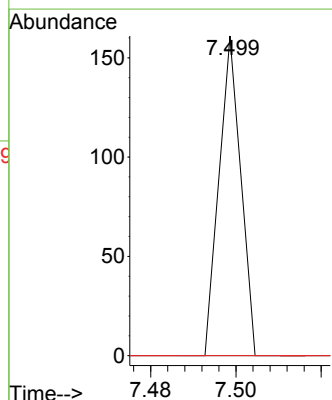
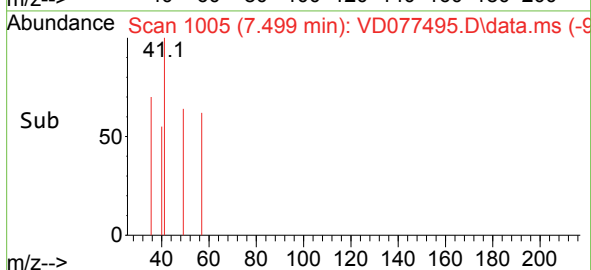
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

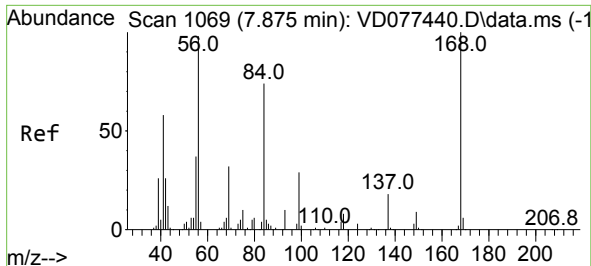


#28
Bromochloromethane
Concen: 2.126 ug/l
RT: 7.499 min Scan# 1005
Delta R.T. 0.077 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21



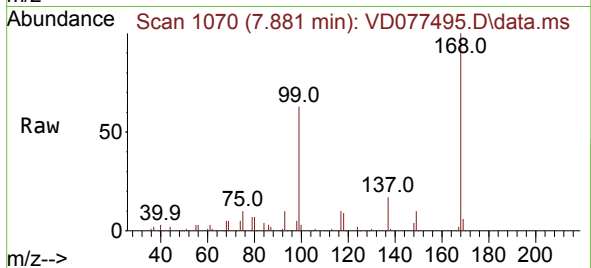
Tgt Ion: 49 Resp: 57
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



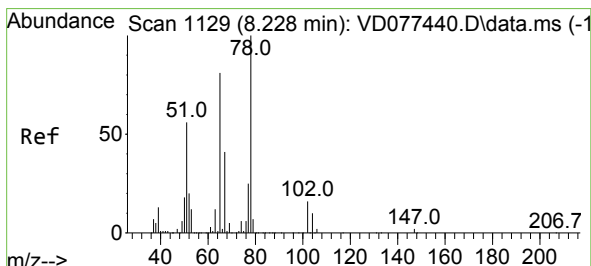
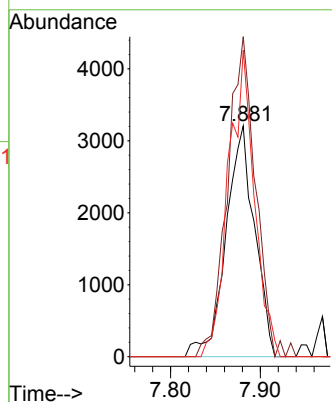
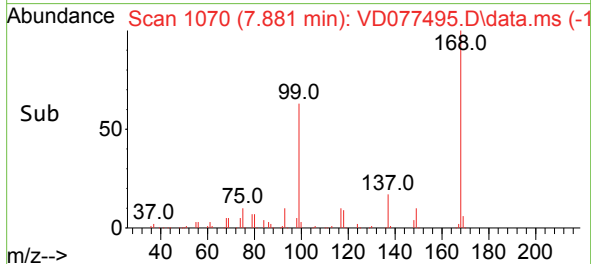


#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.881 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Instrument :
MSVOA_D
ClientSampleId :

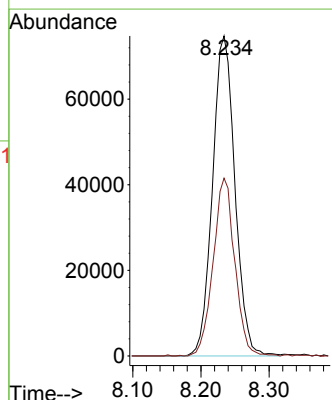
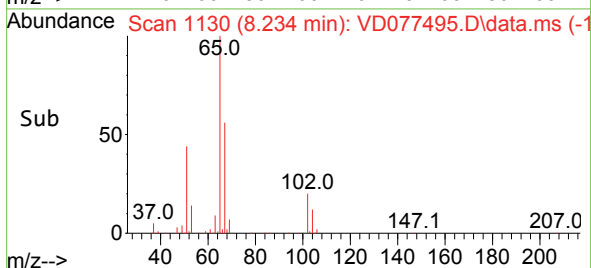
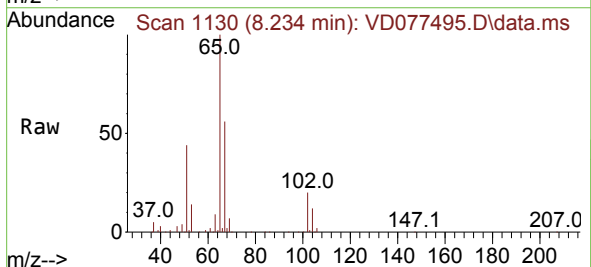


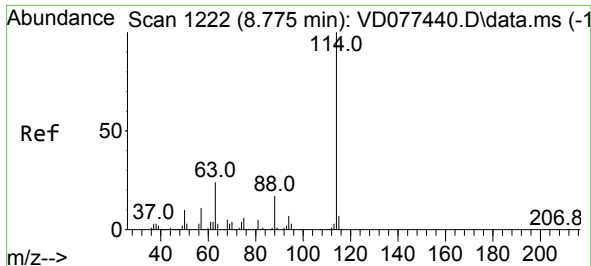
Tgt Ion: 56 Resp: 7104
Ion Ratio Lower Upper
56 100
69 138.6 28.6 43.0#
84 132.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 54.452 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion: 65 Resp: 171317
Ion Ratio Lower Upper
65 100
67 53.5 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: VD077495.D

Acq: 03 Nov 2023 10:21

Instrument :

MSVOA_D

ClientSampleId :

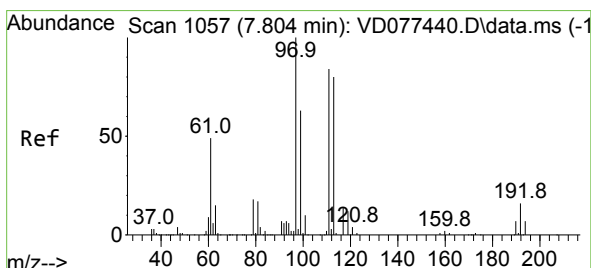
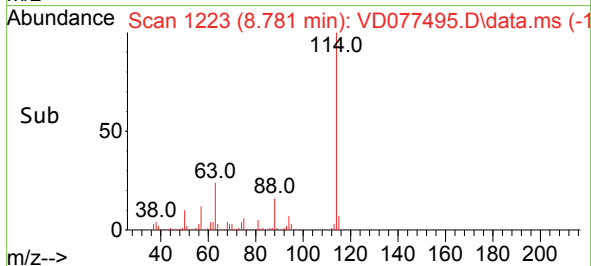
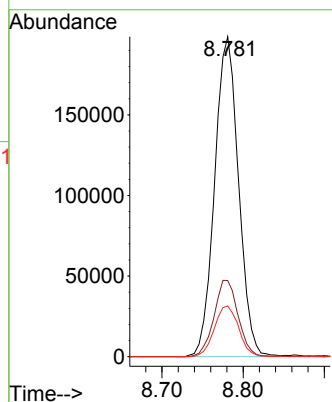
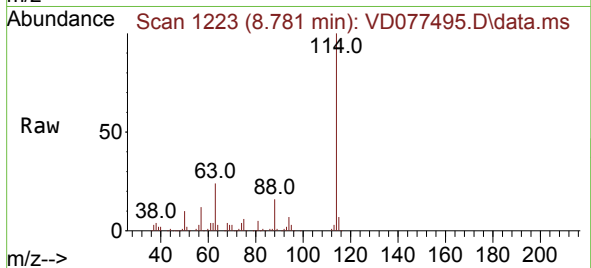
Tgt Ion:114 Resp: 406230

Ion Ratio Lower Upper

114 100

63 23.8 0.0 33.4

88 15.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.590 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

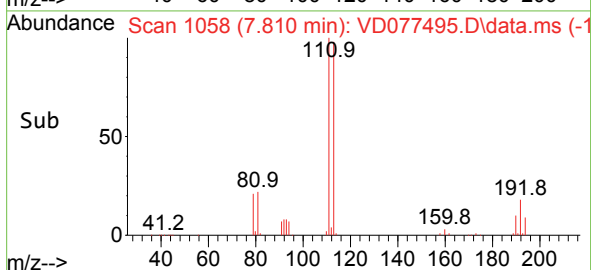
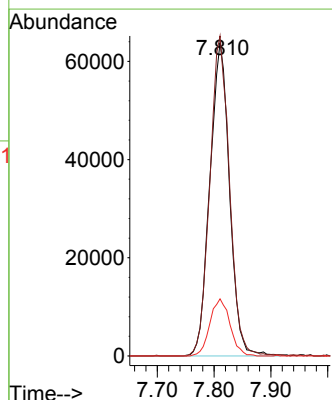
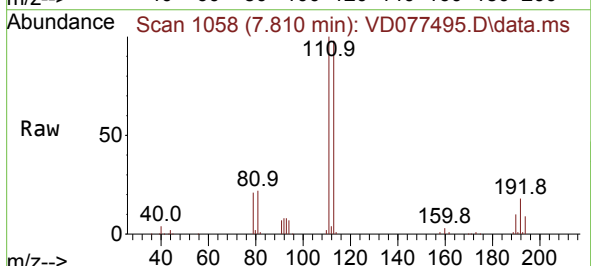
Tgt Ion:113 Resp: 153272

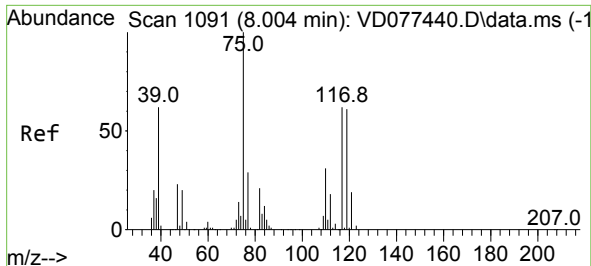
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 18.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.123 min

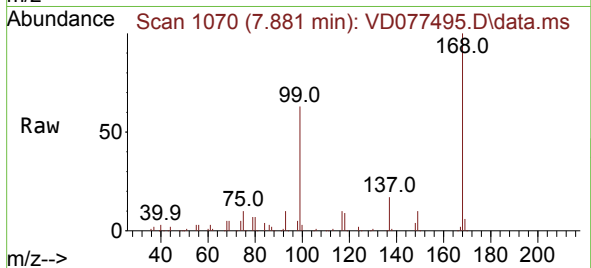
Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

Instrument :

MSVOA_D

ClientSampleId :



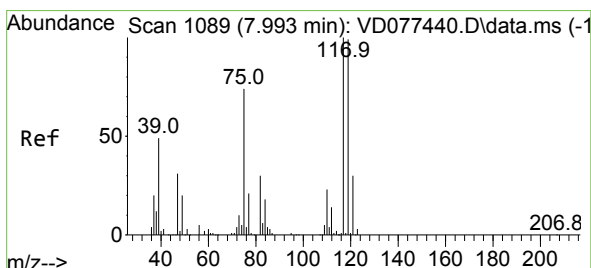
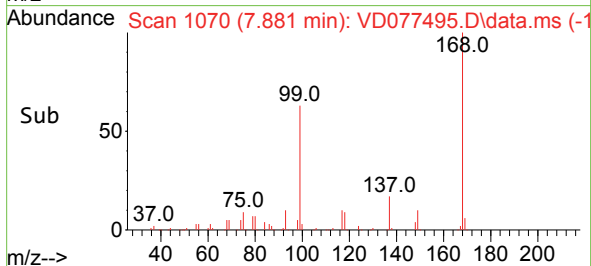
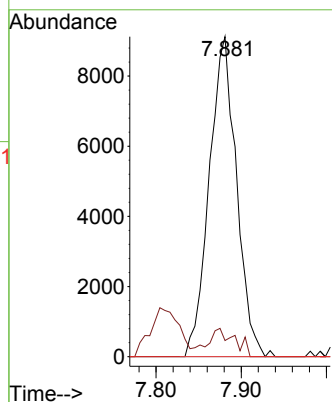
Tgt Ion: 75 Resp: 20281

Ion Ratio Lower Upper

75 100

110 8.5 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.128 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

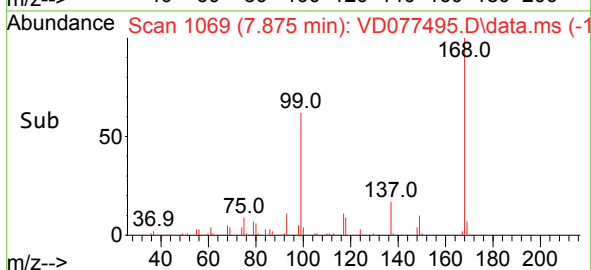
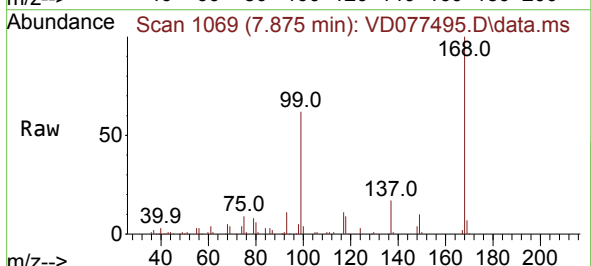
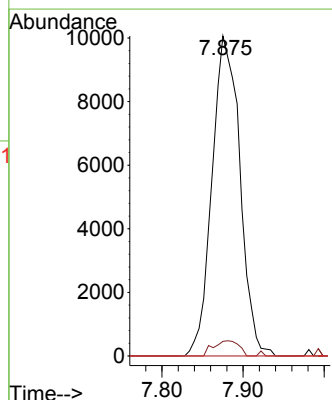
Tgt Ion: 117 Resp: 24038

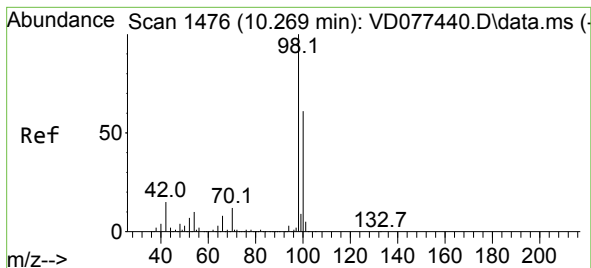
Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

121 0.0 24.2 36.2#

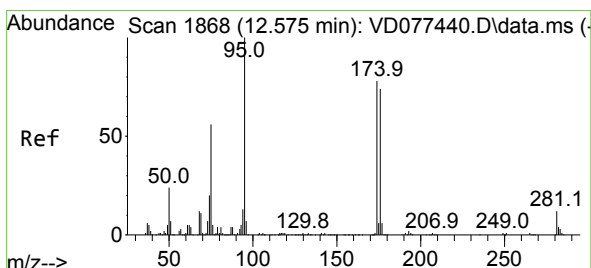
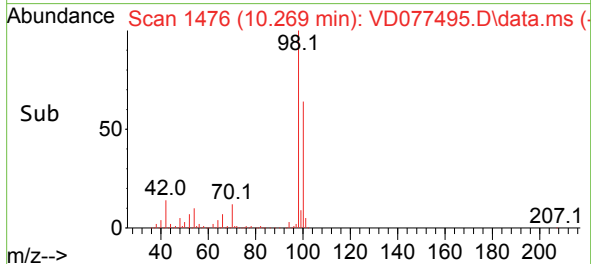
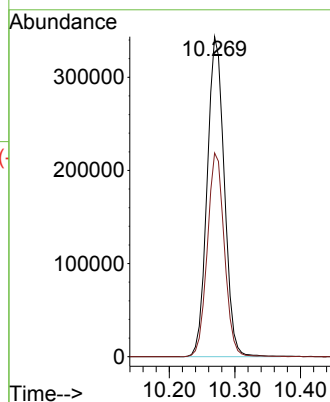
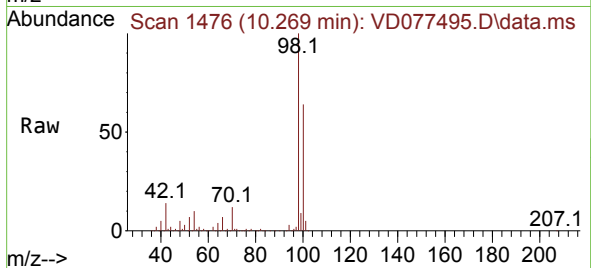




#50
Toluene-d8
Concen: 57.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

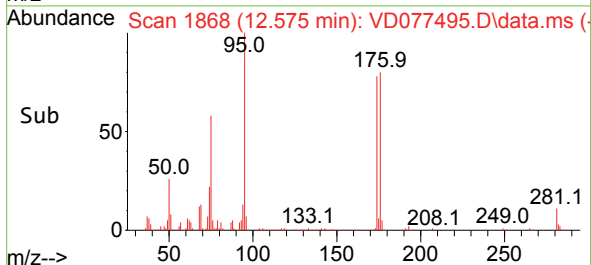
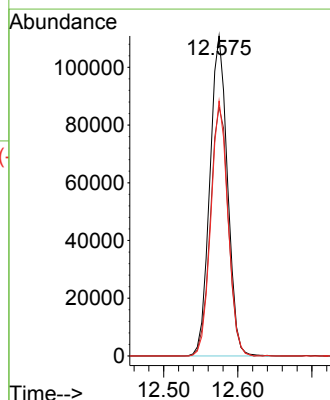
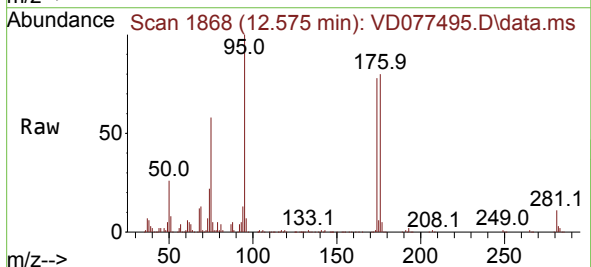
Instrument :
MSVOA_D
ClientSampleId :

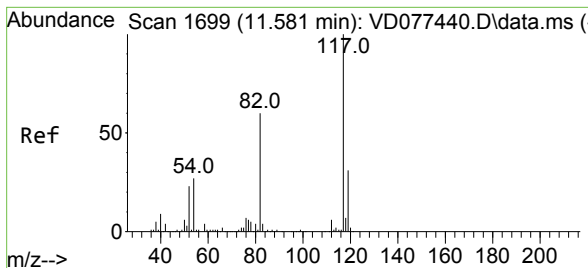
Tgt Ion: 98 Resp: 624233
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion: 95 Resp: 183597
Ion Ratio Lower Upper
95 100
174 78.9 0.0 201.8
176 77.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

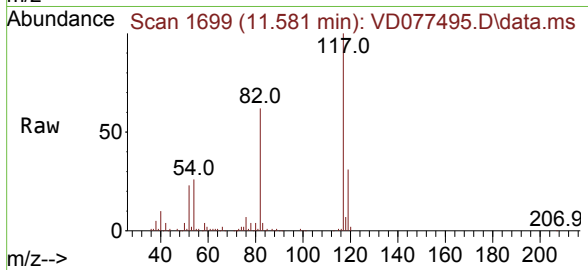
Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

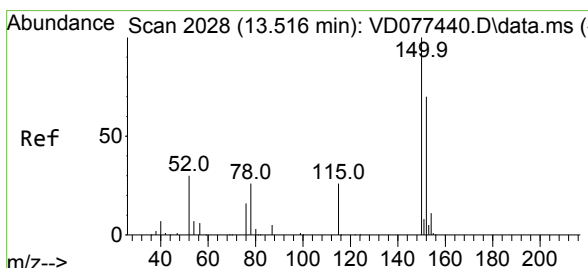
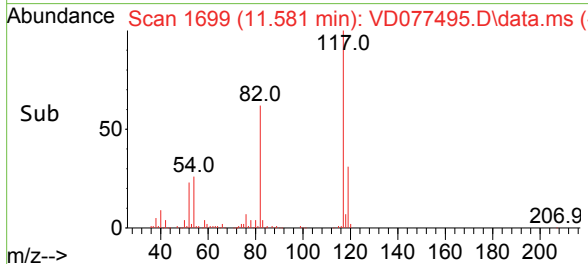
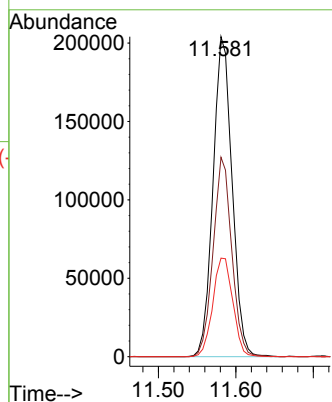
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	349965
Ion Ratio	Lower	Upper	
117	100		
82	62.3	38.3	57.5#
119	30.8	25.0	37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

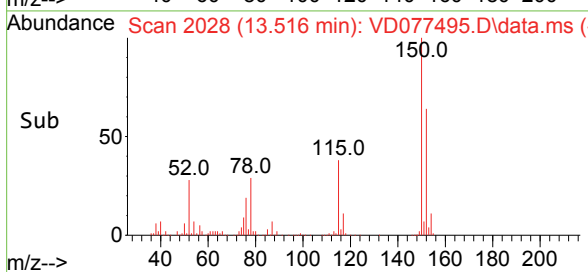
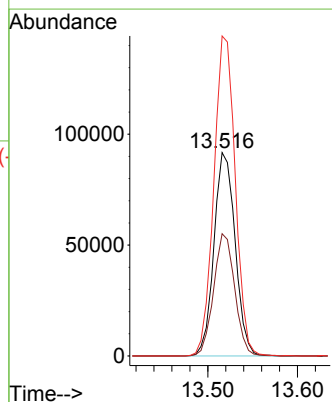
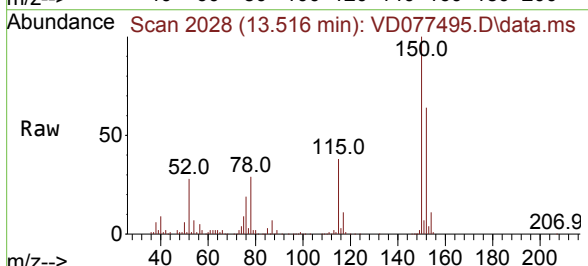
RT: 13.516 min Scan# 2028

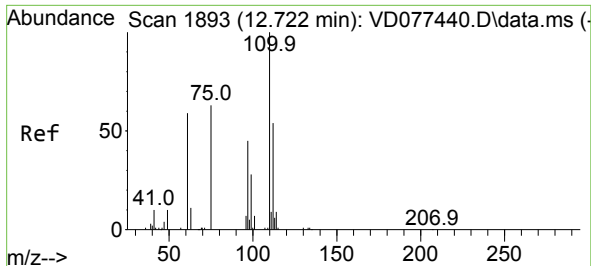
Delta R.T. 0.000 min

Lab File: VD077495.D

Acq: 03 Nov 2023 10:21

Tgt Ion:	152	Resp:	150456
Ion Ratio	Lower	Upper	
152	100		
115	59.9	27.1	81.3
150	158.6	0.0	353.6

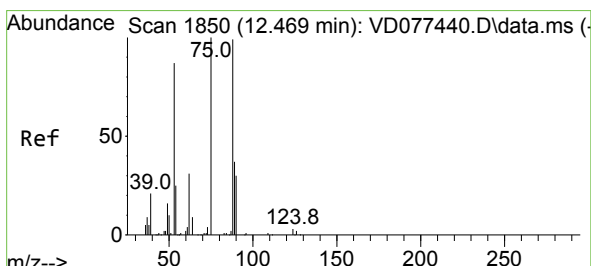
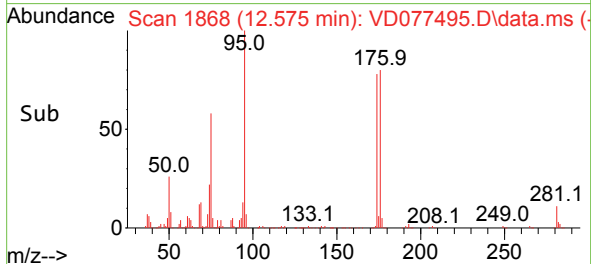
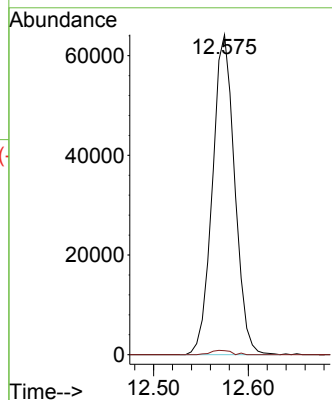
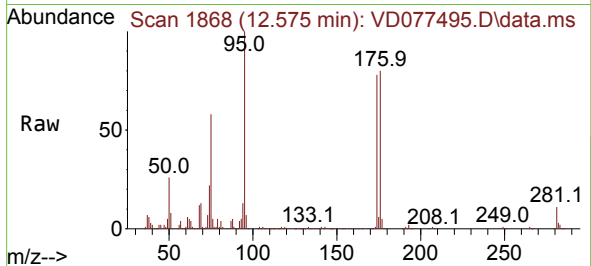




#76
1,2,3-Trichloropropane
Concen: 57.284 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 104898
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion: 75 Resp: 104898
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.2 37.9 56.9#

