

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077445.D
 Acq On : 30 Oct 2023 14:06
 Operator : JC/SY
 Sample : VD1030SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:25:32 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)

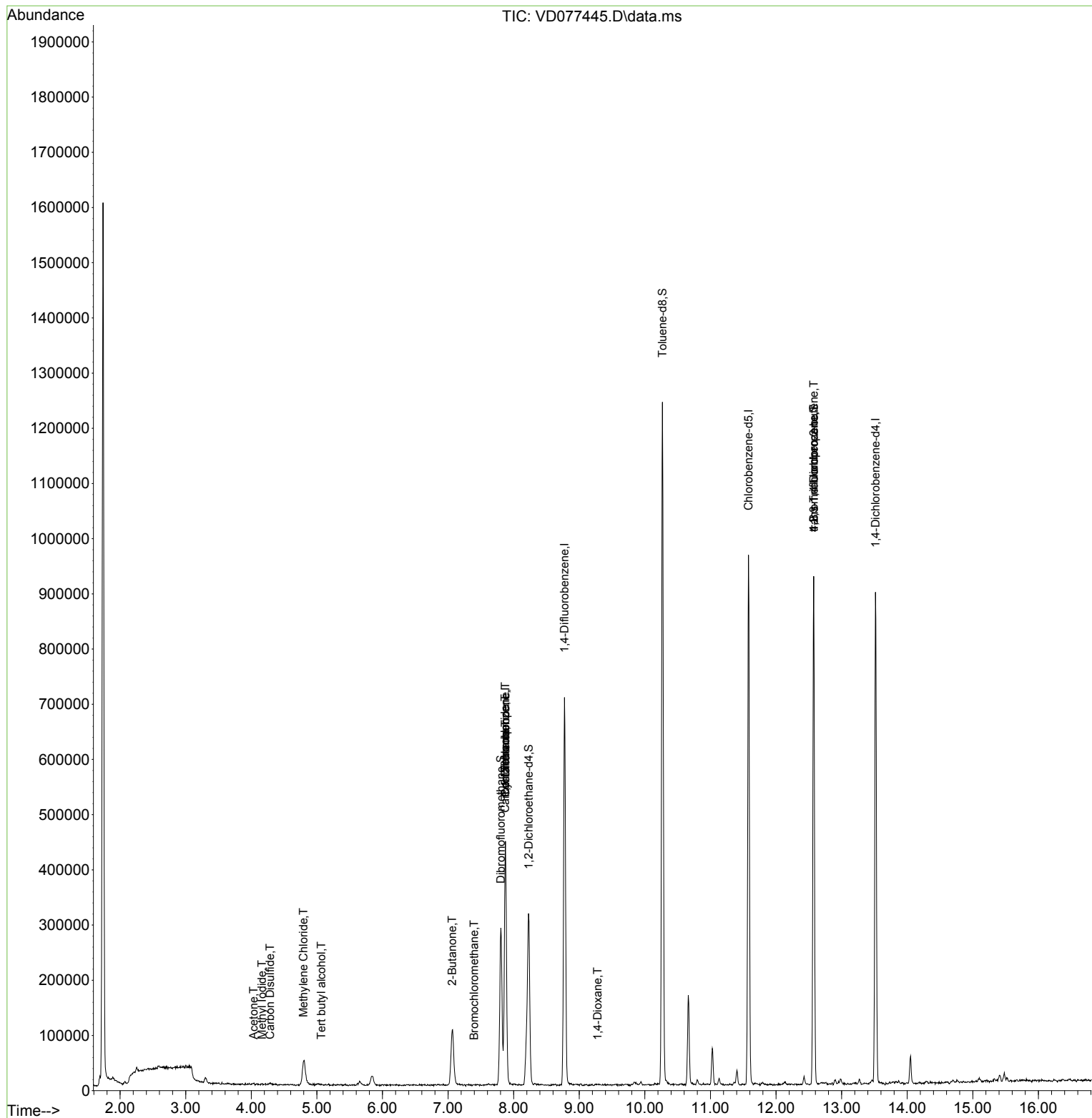
Internal Standards						
1) Pentafluorobenzene	7.875	168	320737	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	576189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	497943	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	224653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	229202	50.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.804	113	205076	51.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.269	98	817044	52.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.575	95	269185	51.668	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	1277	3.428	ug/l	# 62
11) Tert butyl alcohol	5.069	59	1807	5.030	ug/l	# 72
16) Acetone	4.034	43	3750	3.125	ug/l	# 58
17) Carbon Disulfide	4.287	76	321	3.786	ug/l	# 76
20) Methylene Chloride	4.793	84	31085	4.699	ug/l	# 71
25) 2-Butanone	7.063	43	7388	4.615	ug/l	# 65
28) Bromochloromethane	7.399	49	60	2.121	ug/l	# 1
31) Cyclohexane	7.875	56	10088	1.423	ug/l	# 49
36) 1,1-Dichloropropene	7.875	75	30112	5.100	ug/l	# 48
38) Carbon Tetrachloride	7.869	117	33350	5.994	ug/l	# 16
49) 1,4-Dioxane	9.281	88	61	2.380	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	152012	55.596	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	152012	107.390	ug/l	# 17

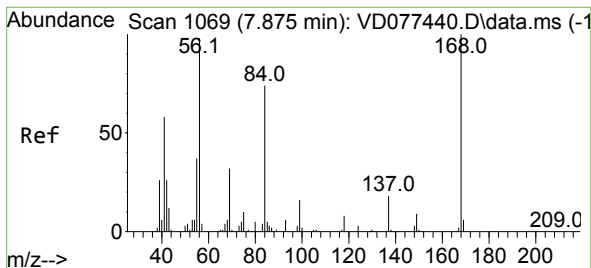
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

Instrument :

MSVOA_D

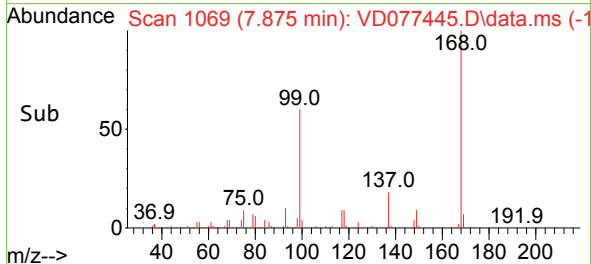
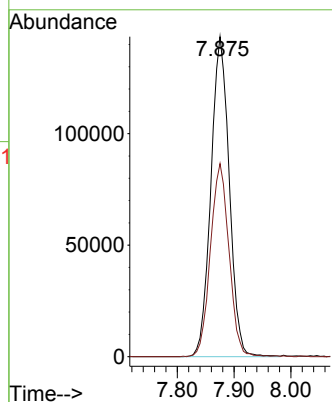
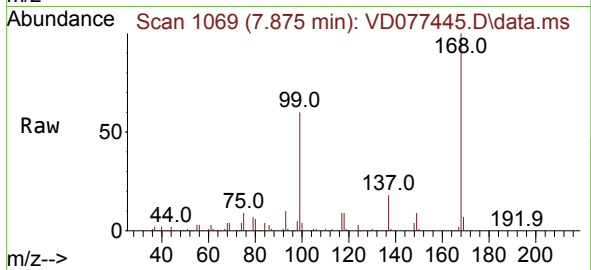
ClientSampleId :

Tgt Ion:168 Resp: 320737

Ion Ratio Lower Upper

168 100

99 60.4 36.7 55.1#



#10

Methyl Iodide

Concen: 3.428 ug/l

RT: 4.163 min Scan# 438

Delta R.T. -0.006 min

Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

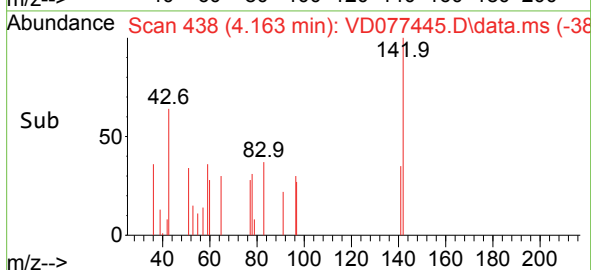
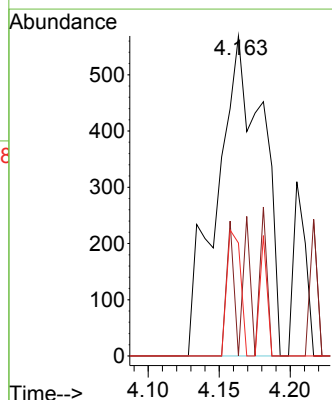
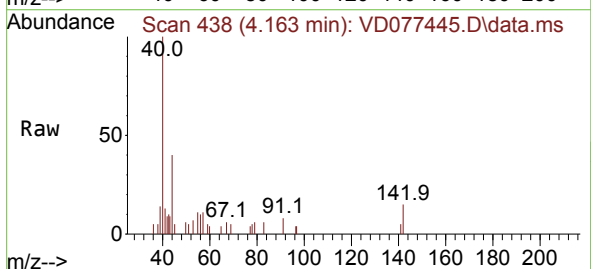
Tgt Ion:142 Resp: 1277

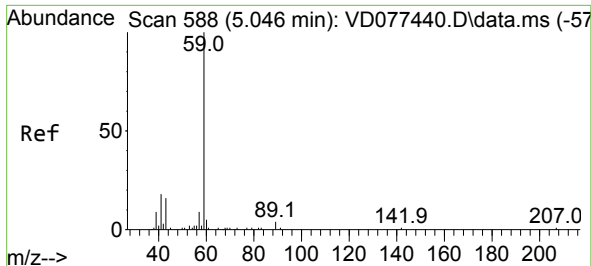
Ion Ratio Lower Upper

142 100

127 6.7 29.4 44.0#

141 11.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 5.030 ug/l

RT: 5.069 min Scan# 59

Delta R.T. 0.024 min

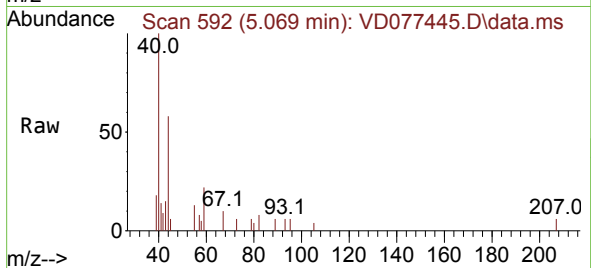
Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

Instrument :

MSVOA_D

ClientSampleId :

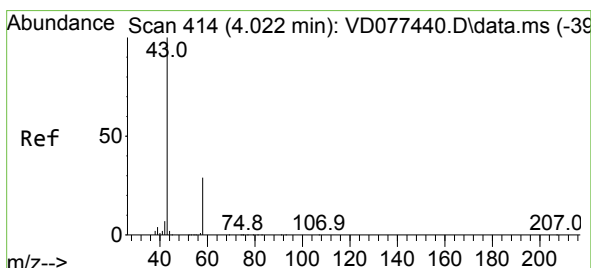
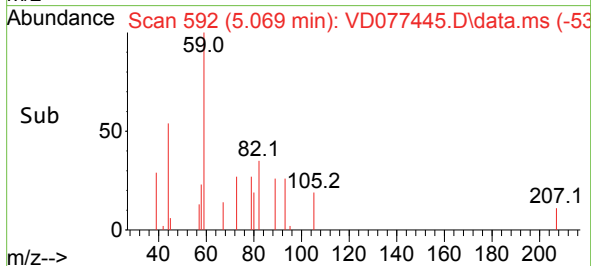
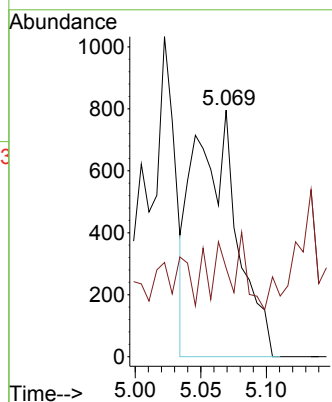


Tgt Ion: 59 Resp: 1807

Ion Ratio Lower Upper

59 100

57 20.2 7.8 11.8#



#16

Acetone

Concen: 3.125 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD077445.D

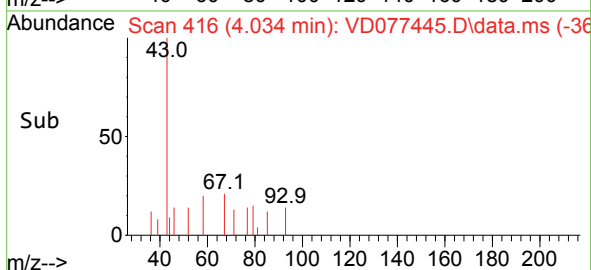
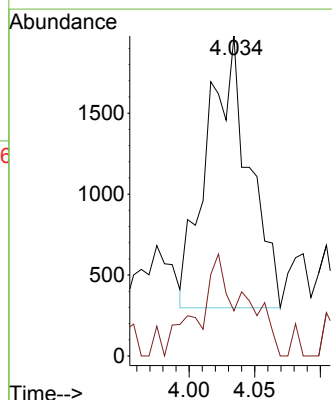
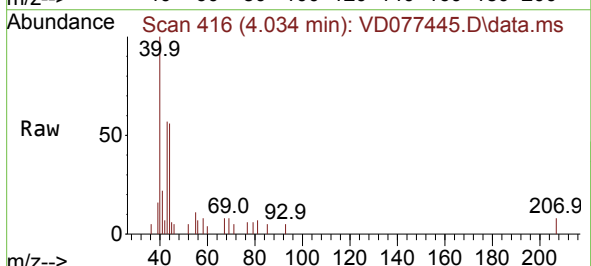
Acq: 30 Oct 2023 14:06

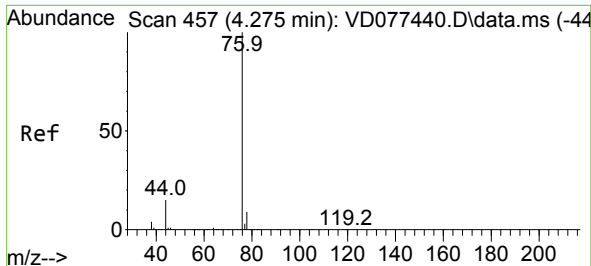
Tgt Ion: 43 Resp: 3750

Ion Ratio Lower Upper

43 100

58 16.6 34.7 52.1#

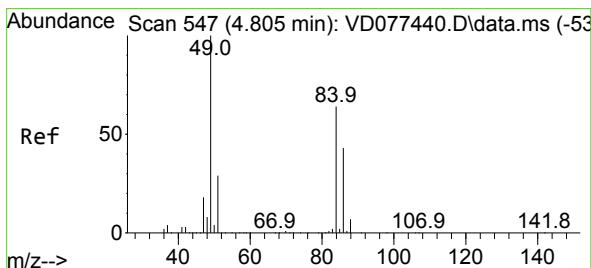
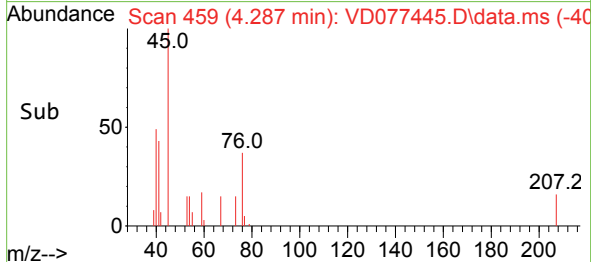
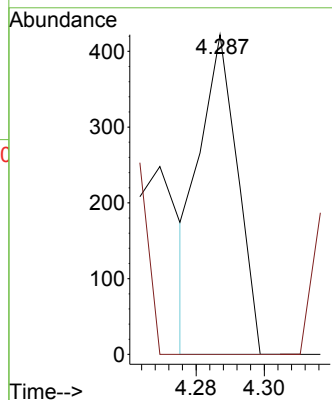
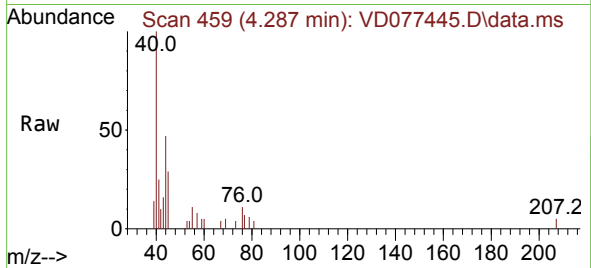




#17
Carbon Disulfide
Concen: 3.786 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

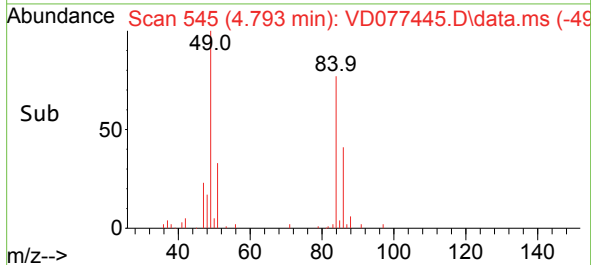
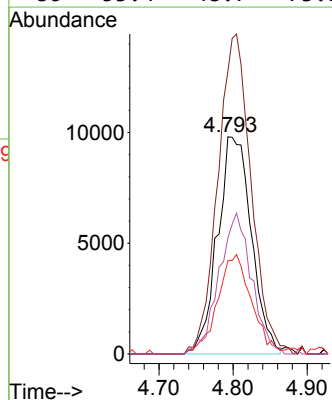
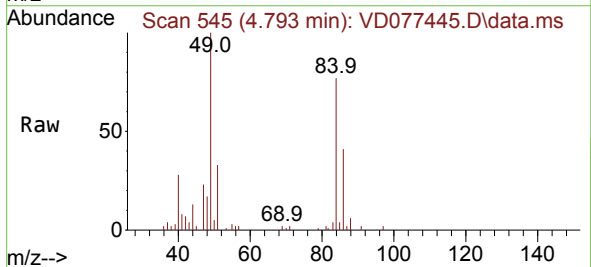
Instrument :
MSVOA_D
ClientSampleId :

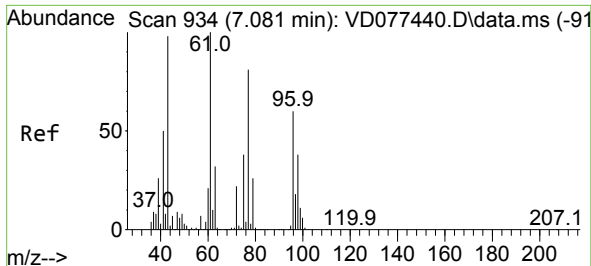
Tgt Ion: 76 Resp: 321
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 4.699 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

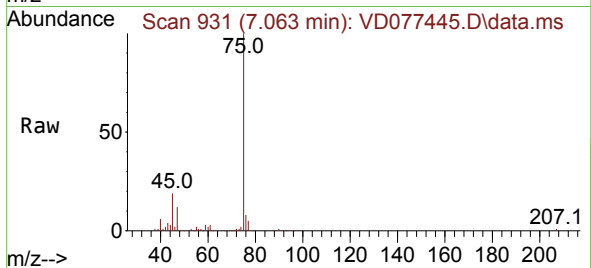
Tgt Ion: 84 Resp: 31085
Ion Ratio Lower Upper
84 100
49 130.1 71.4 107.2#
51 43.0 24.5 36.7#
86 53.4 48.7 73.1



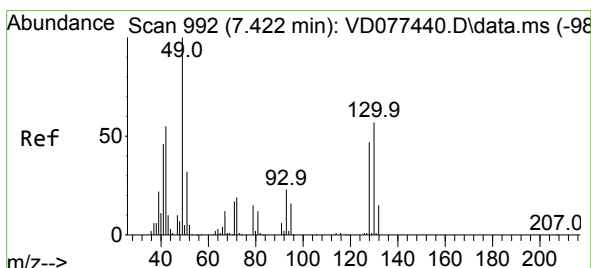
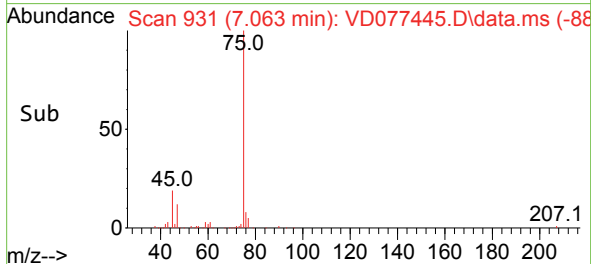
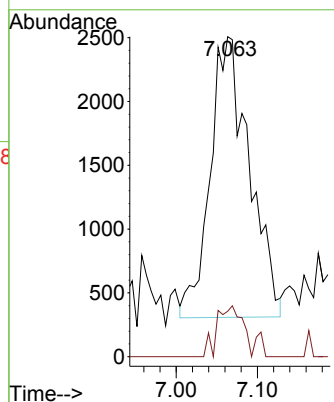


#25
2-Butanone
Concen: 4.615 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :

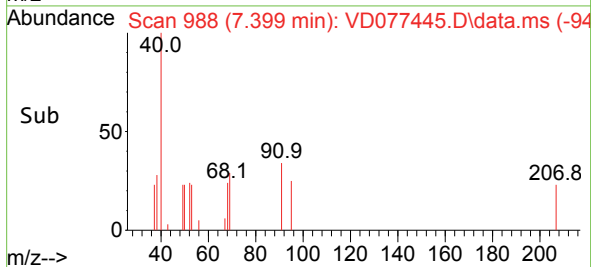
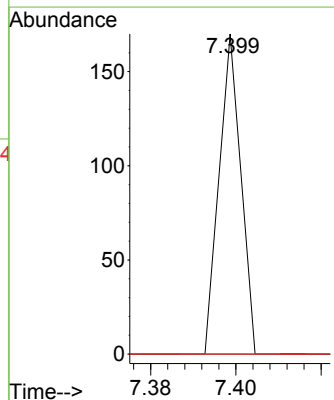
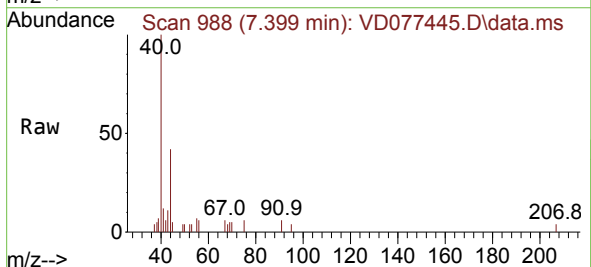


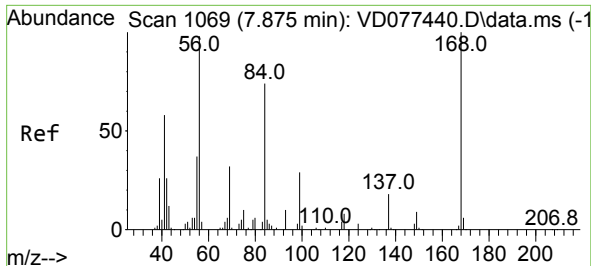
Tgt Ion: 43 Resp: 7388
Ion Ratio Lower Upper
43 100
72 16.9 30.7 46.1#



#28
Bromochloromethane
Concen: 2.121 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.023 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

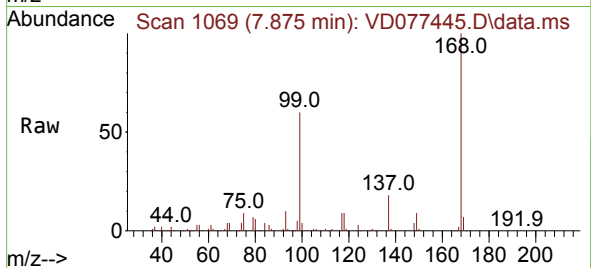
Tgt Ion: 49 Resp: 60
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



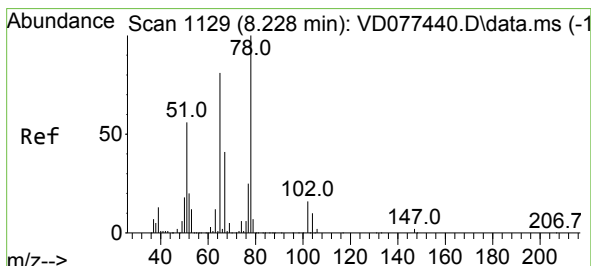
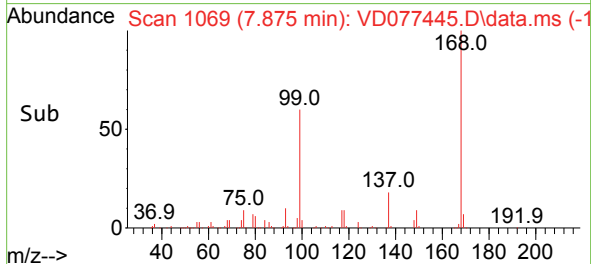
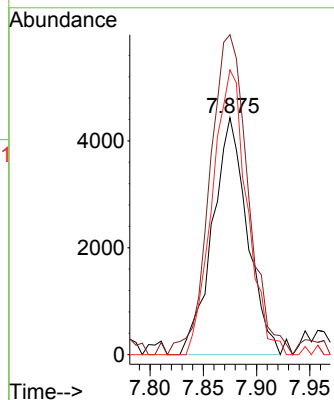


#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :

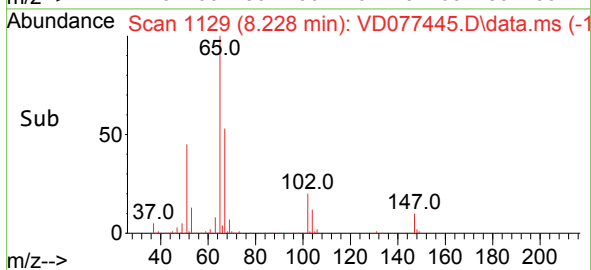
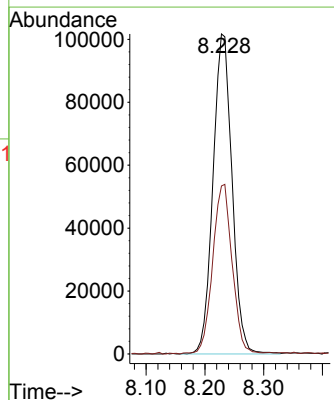
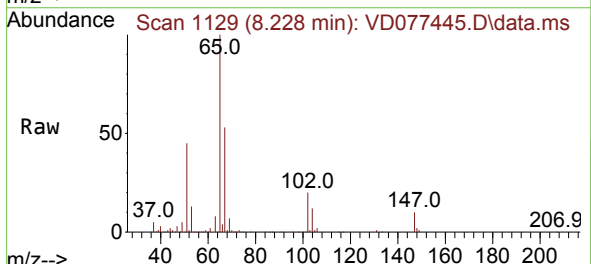


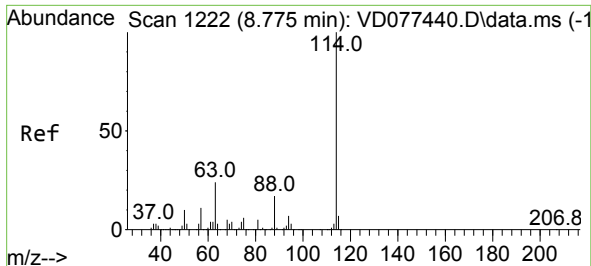
Tgt Ion: 56 Resp: 10088
Ion Ratio Lower Upper
56 100
69 129.5 28.6 43.0#
84 120.2 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 50.536 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion: 65 Resp: 229202
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0

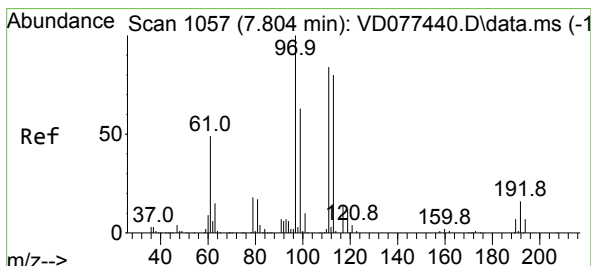
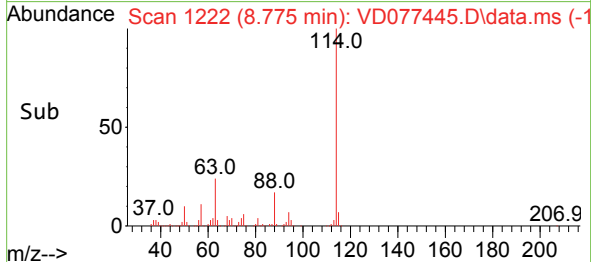
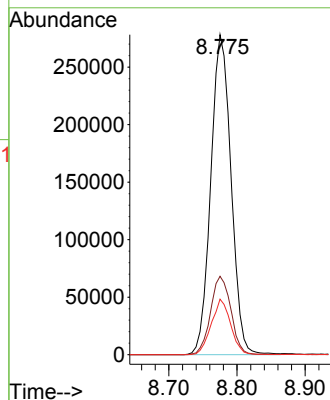
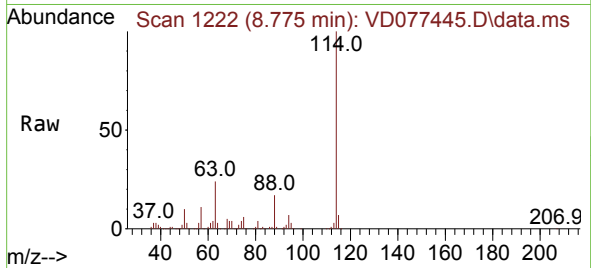




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

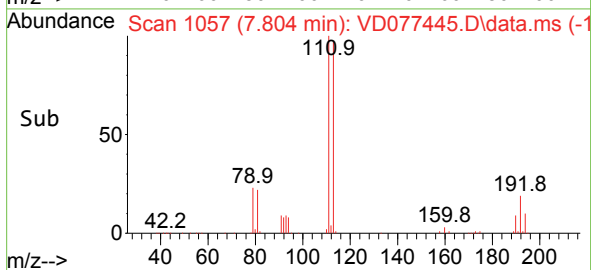
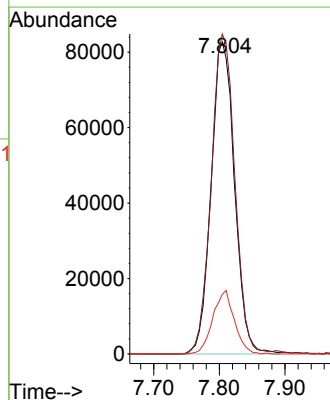
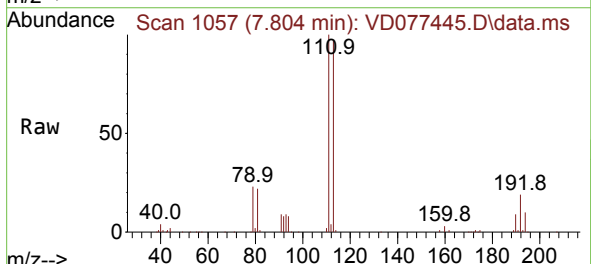
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MSVOA_D
ClientSampleId :

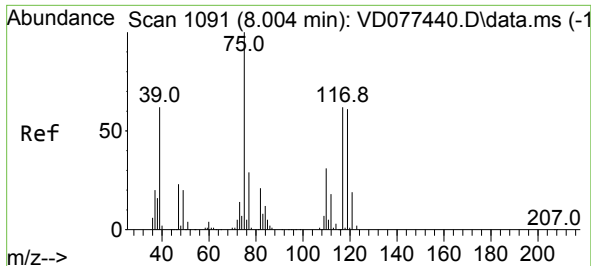
Tgt Ion:114 Resp: 576189
Ion Ratio Lower Upper
114 100
63 24.5 0.0 33.4
88 17.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.496 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion:113 Resp: 205076
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 18.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.100 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

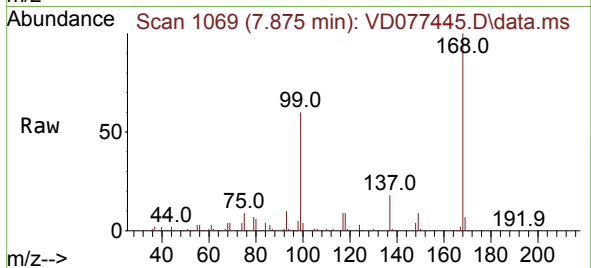
Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

Instrument :

MSVOA_D

ClientSampleId :



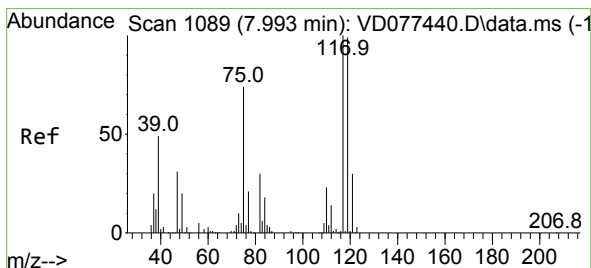
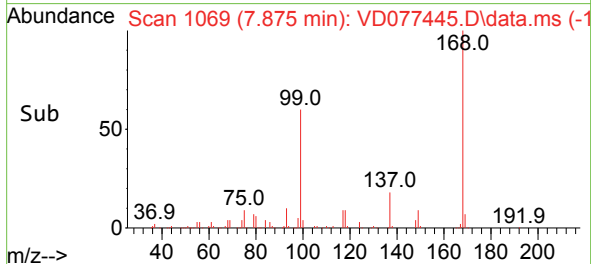
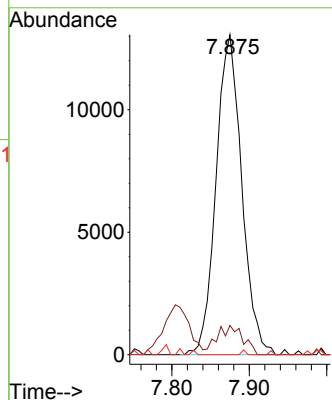
Tgt Ion: 75 Resp: 30112

Ion Ratio Lower Upper

75 100

110 9.2 19.9 59.6#

77 0.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.994 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

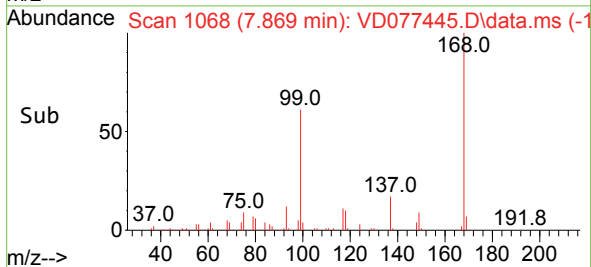
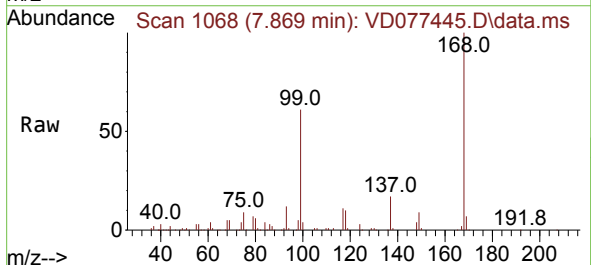
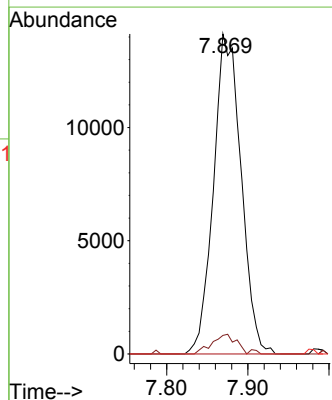
Tgt Ion: 117 Resp: 33350

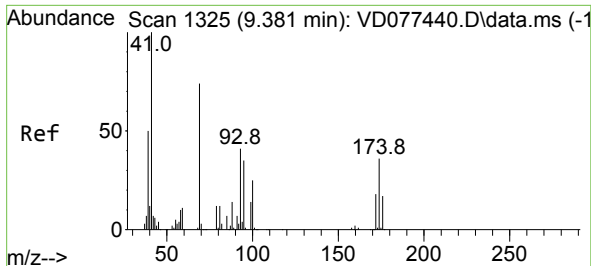
Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 2.380 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.100 min

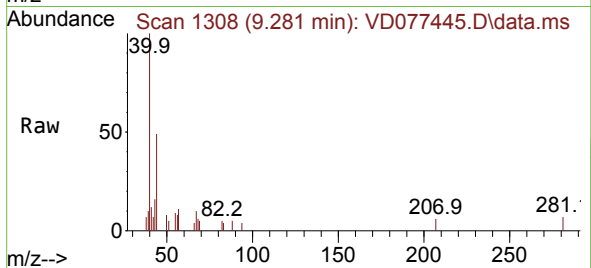
Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

Instrument :

MSVOA_D

ClientSampleId :



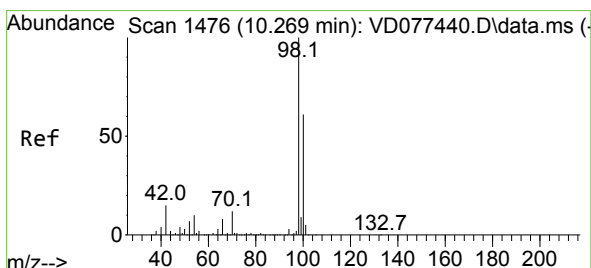
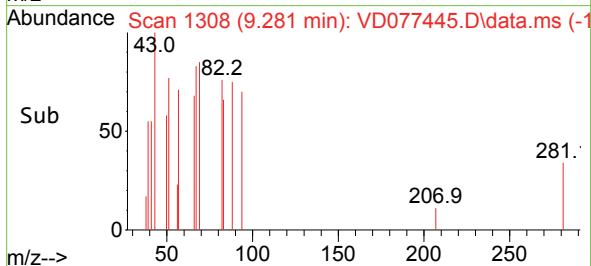
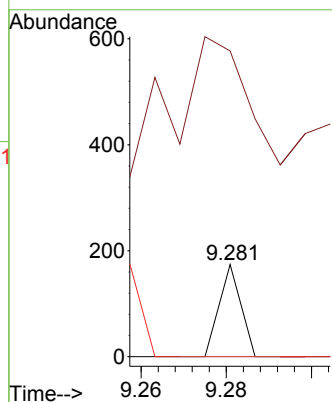
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 549.2 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 52.819 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077445.D

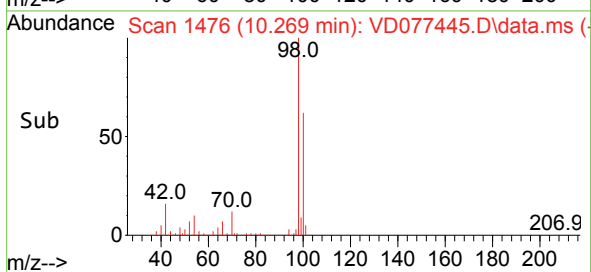
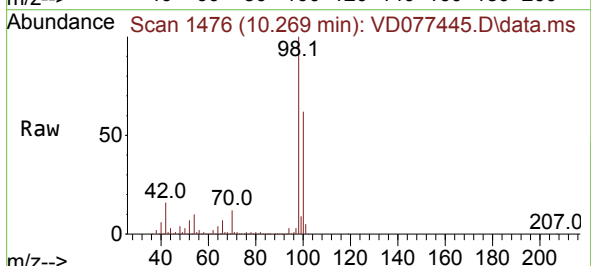
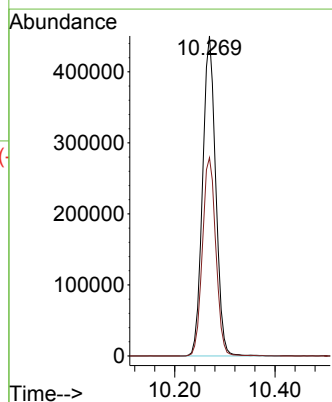
Acq: 30 Oct 2023 14:06

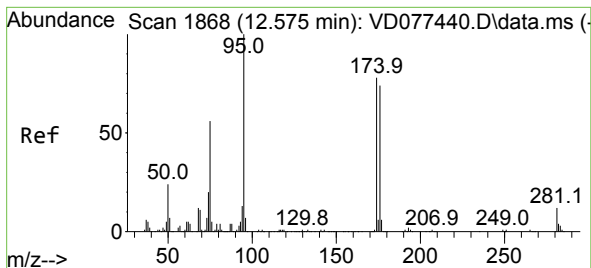
Tgt Ion: 98 Resp: 817044

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

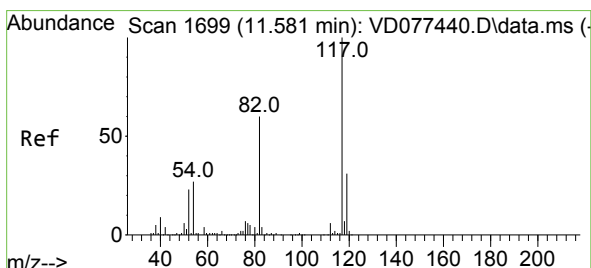
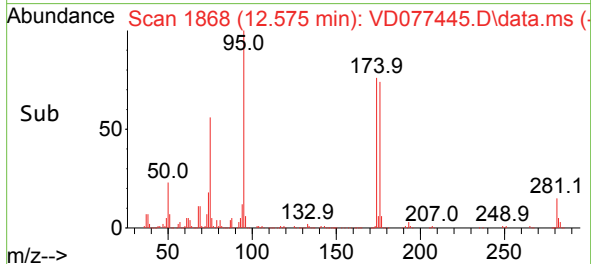
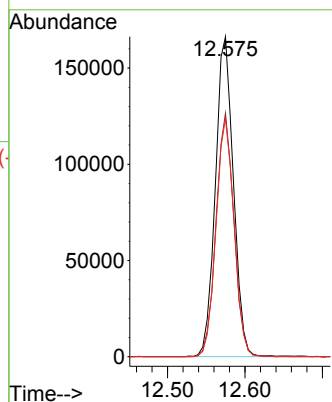
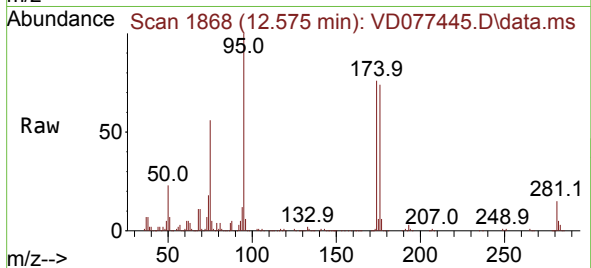




#62
4-Bromofluorobenzene
Concen: 51.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

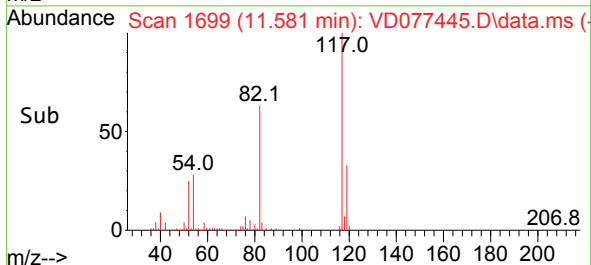
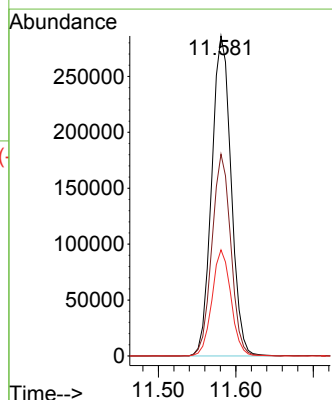
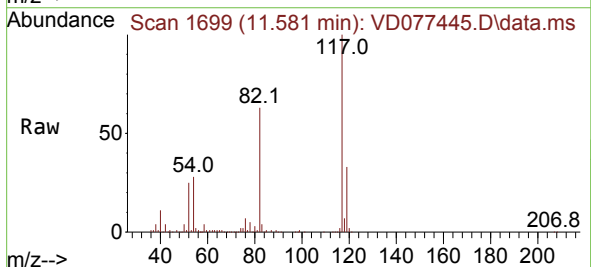
Instrument :
MSVOA_D
ClientSampleId :

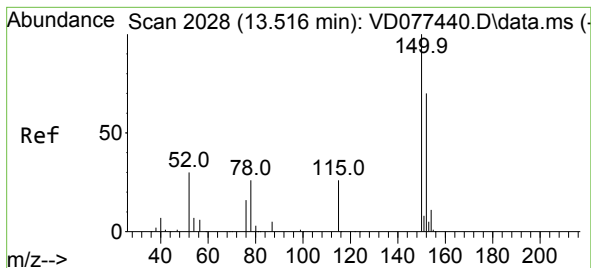
Tgt Ion: 95 Resp: 269185
Ion Ratio Lower Upper
95 100
174 75.2 0.0 201.8
176 74.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077445.D
Acq: 30 Oct 2023 14:06

Tgt Ion: 117 Resp: 497943
Ion Ratio Lower Upper
117 100
82 63.1 38.3 57.5#
119 33.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD077445.D

Acq: 30 Oct 2023 14:06

Instrument :

MSVOA_D

ClientSampleId :

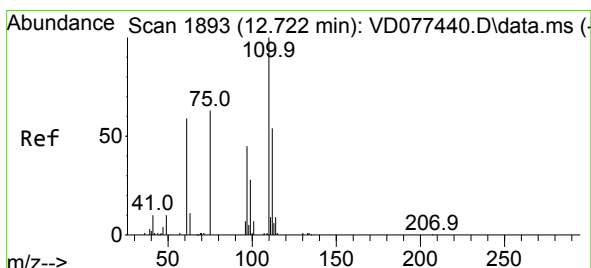
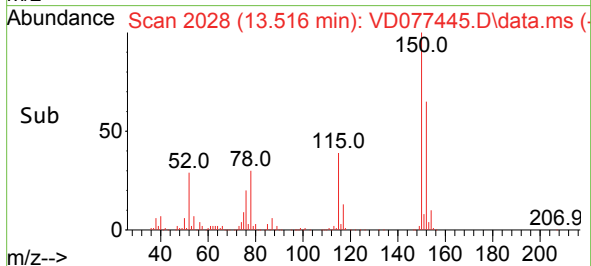
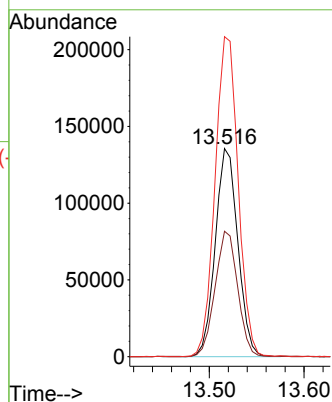
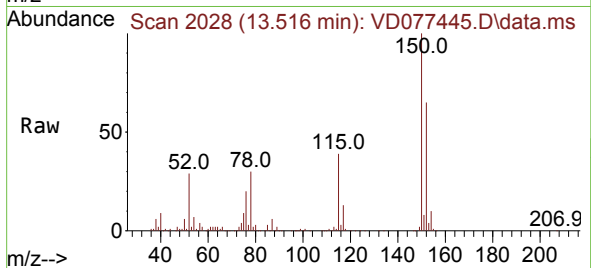
Tgt Ion:152 Resp: 224653

Ion Ratio Lower Upper

152 100

115 60.5 27.1 81.3

150 157.6 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 55.596 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD077445.D

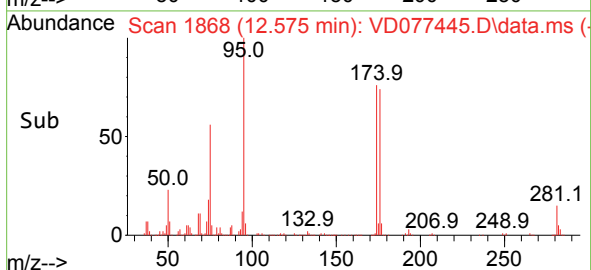
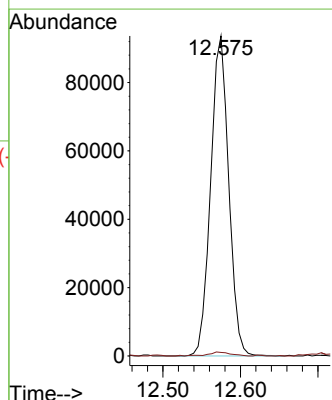
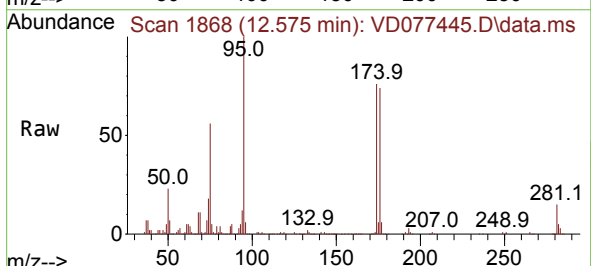
Acq: 30 Oct 2023 14:06

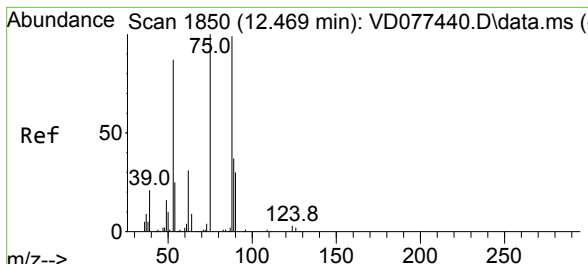
Tgt Ion: 75 Resp: 152012

Ion Ratio Lower Upper

75 100

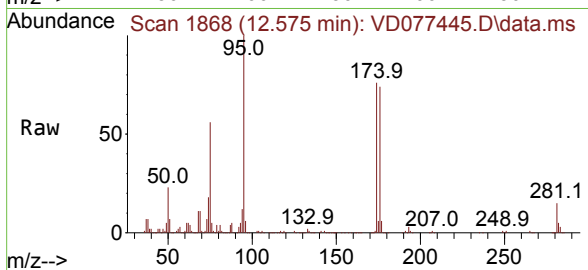
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.390 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD077445.D
 Acq: 30 Oct 2023 14:06

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 152012
 Ion Ratio Lower Upper
 75 100
 53 0.2 63.0 94.4#
 89 0.1 37.9 56.9#

