

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077430.D
 Acq On : 26 Oct 2023 16:41
 Operator : JC/SY
 Sample : 05010-01RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:48:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

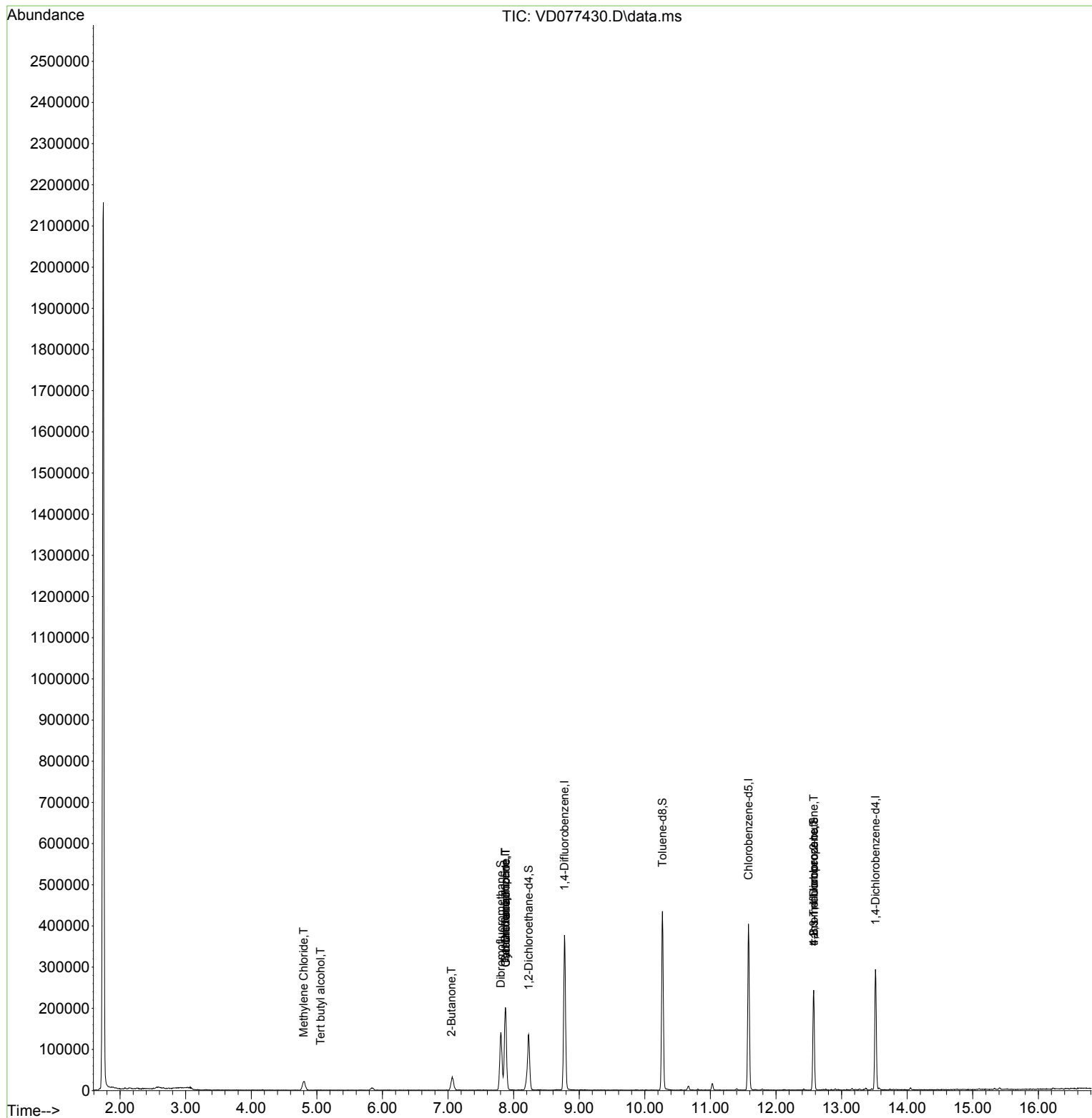
Internal Standards						
1) Pentafluorobenzene	7.875	168	165951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	354285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93622	63.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.360%
35) Dibromofluoromethane	7.805	113	105526	42.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.800%
50) Toluene-d8	10.269	98	317209	35.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.180%
62) 4-Bromofluorobenzene	12.575	95	72901	28.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	217	2.603	ug/l #	73
20) Methylene Chloride	4.799	84	18322	5.025	ug/l	94
25) 2-Butanone	7.052	43	972	2.884	ug/l #	37
31) Cyclohexane	7.881	56	3699	1.604	ug/l #	60
36) 1,1-Dichloropropene	7.875	75	12175	3.723	ug/l #	45
38) Carbon Tetrachloride	7.881	117	16322	4.486	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	36225	32.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	36225	113.073	ug/l #	17

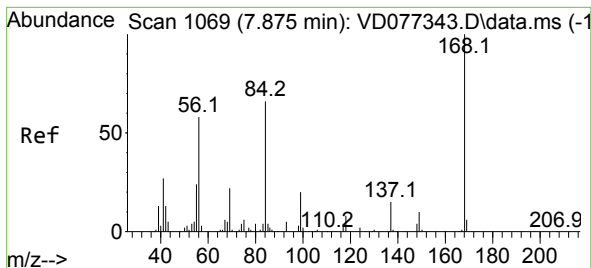
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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: VD077430.D

Acq: 26 Oct 2023 16:41

Instrument :

MSVOA_D

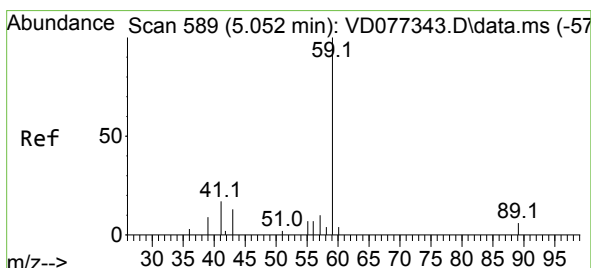
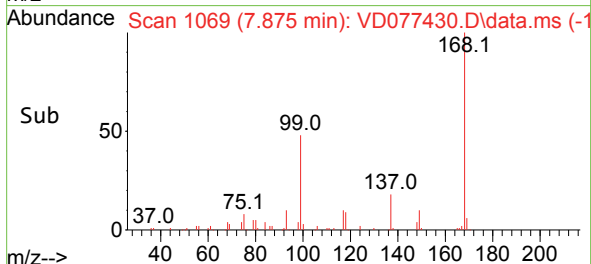
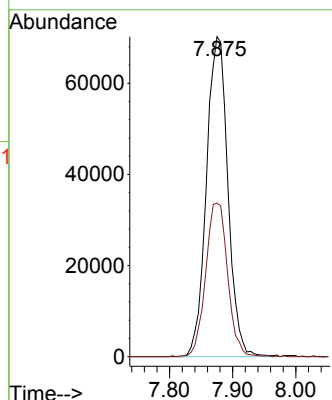
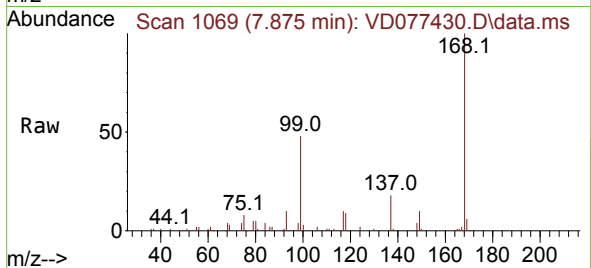
ClientSampleId :

Tgt Ion:168 Resp: 165951

Ion Ratio Lower Upper

168 100

99 47.9 36.7 55.1



#11

Tert butyl alcohol

Concen: 2.603 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD077430.D

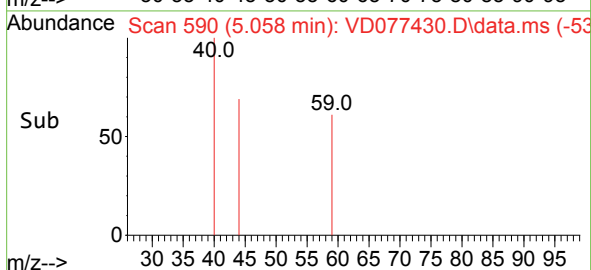
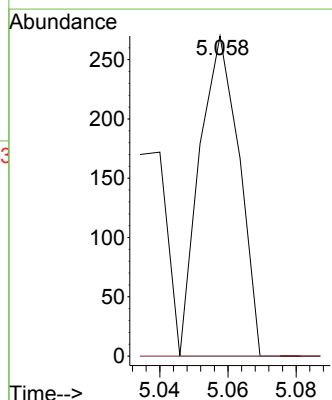
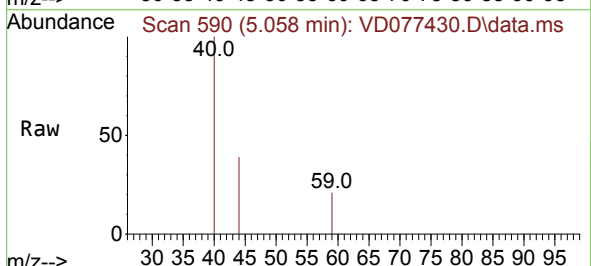
Acq: 26 Oct 2023 16:41

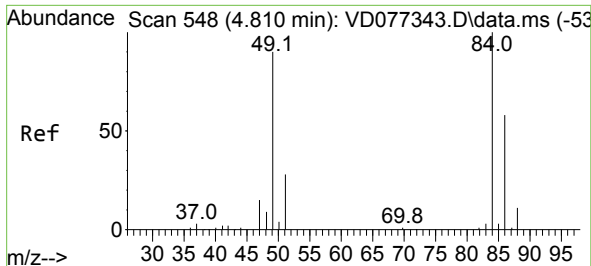
Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

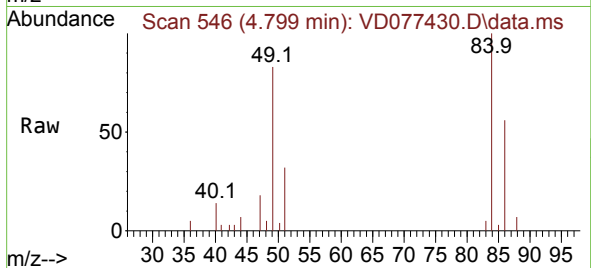
57 0.0 7.8 11.8#



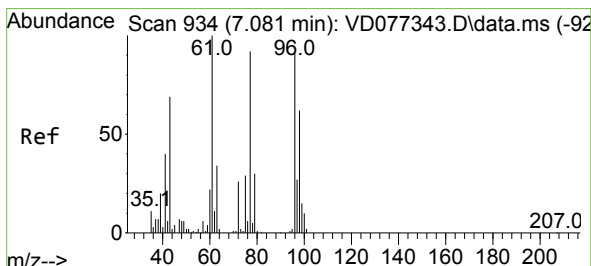
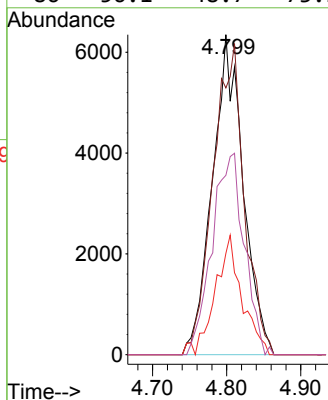
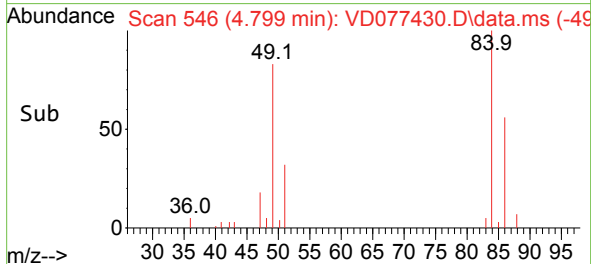


#20
Methylene Chloride
Concen: 5.025 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

Instrument :
MSVOA_D
ClientSampleId :

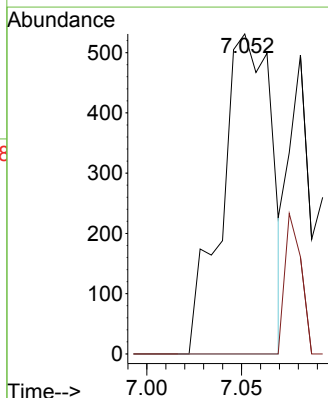
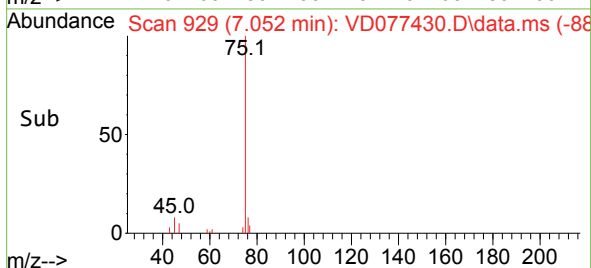
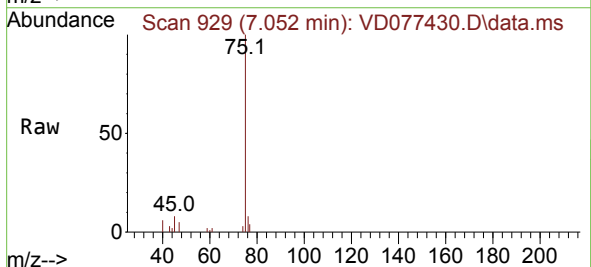


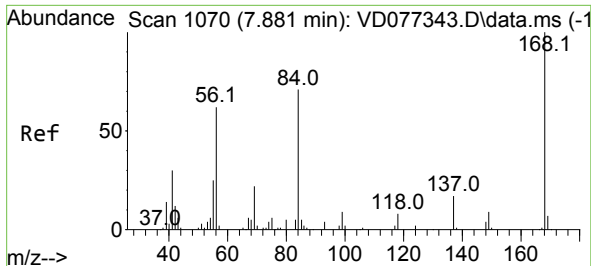
Tgt Ion:	84	Resp:	18322
Ion	Ratio	Lower	Upper
84	100		
49	83.4	71.4	107.2
51	31.6	24.5	36.7
86	56.1	48.7	73.1



#25
2-Butanone
Concen: 2.884 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

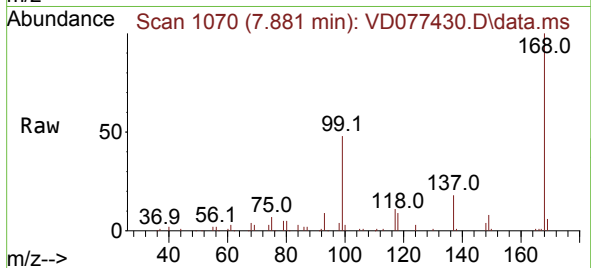
Tgt Ion:	43	Resp:	972
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



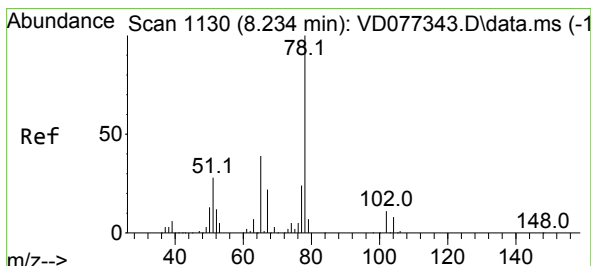
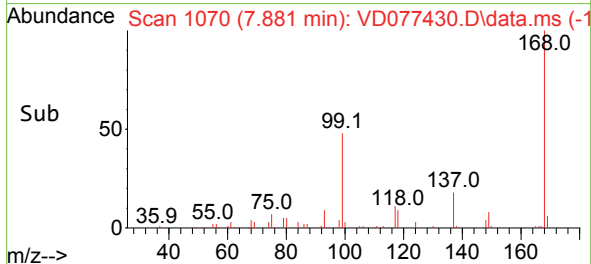
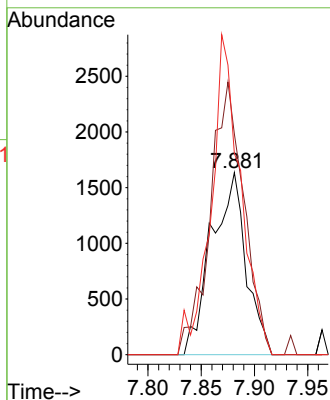


#31
Cyclohexane
Concen: 1.604 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

Instrument :
MSVOA_D
ClientSampleId :

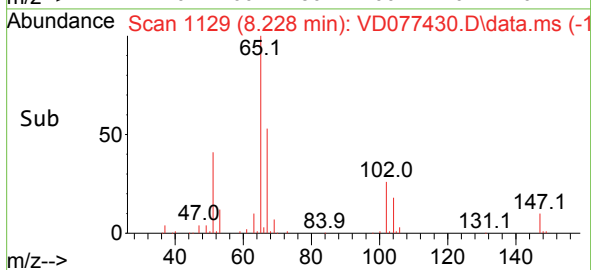
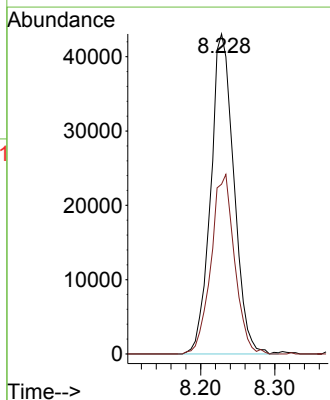
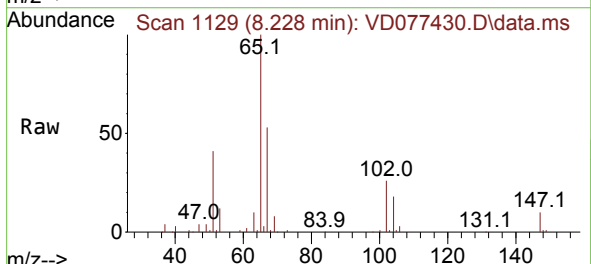


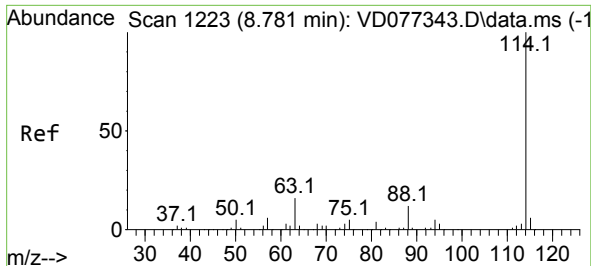
Tgt Ion: 56 Resp: 3699
Ion Ratio Lower Upper
56 100
69 121.2 28.6 43.0#
84 110.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 63.179 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

Tgt Ion: 65 Resp: 93622
Ion Ratio Lower Upper
65 100
67 56.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077430.D

Acq: 26 Oct 2023 16:41

Instrument :

MSVOA_D

ClientSampleId :

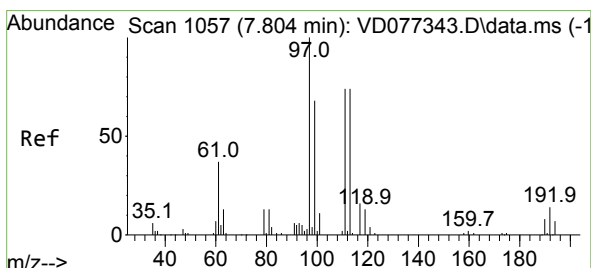
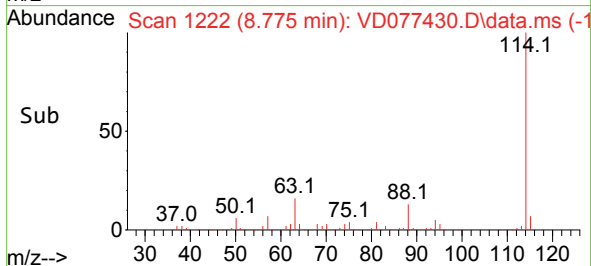
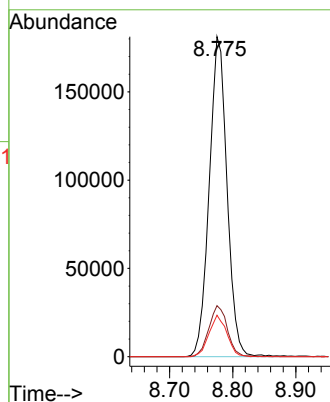
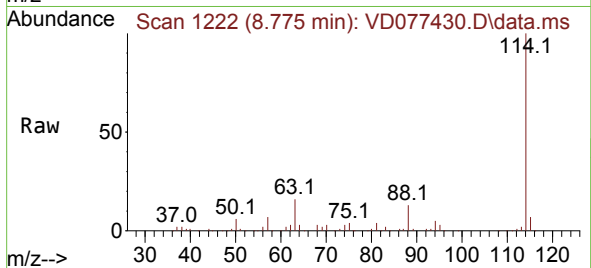
Tgt Ion:114 Resp: 354285

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.397 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077430.D

Acq: 26 Oct 2023 16:41

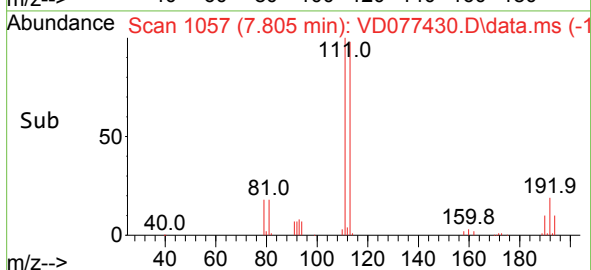
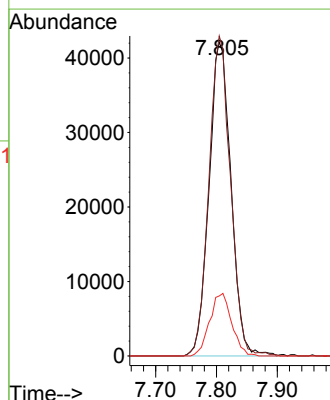
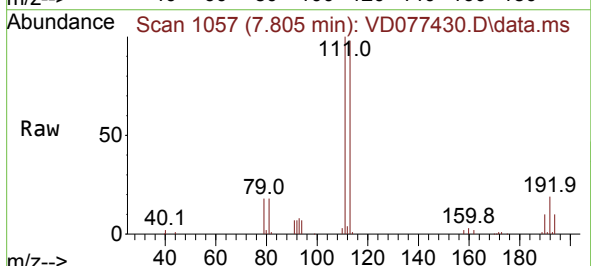
Tgt Ion:113 Resp: 105526

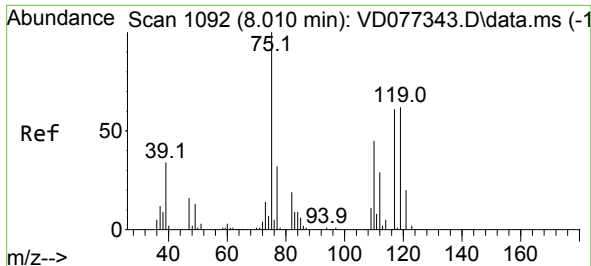
Ion Ratio Lower Upper

113 100

111 100.4 84.7 127.1

192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.723 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

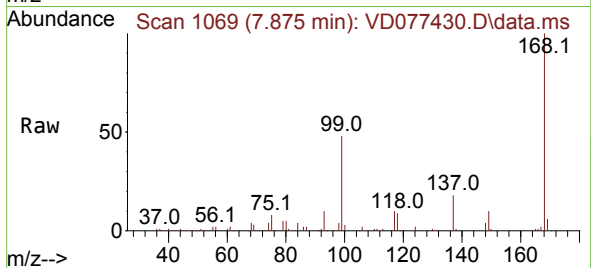
Lab File: VD077430.D

Acq: 26 Oct 2023 16:41

Instrument :

MSVOA_D

ClientSampleId :



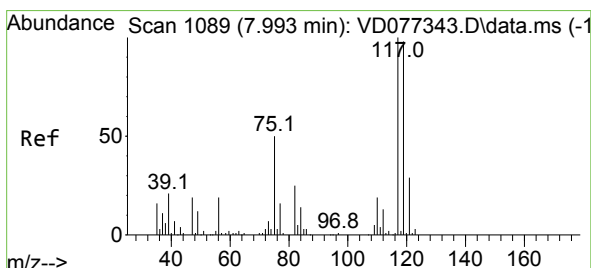
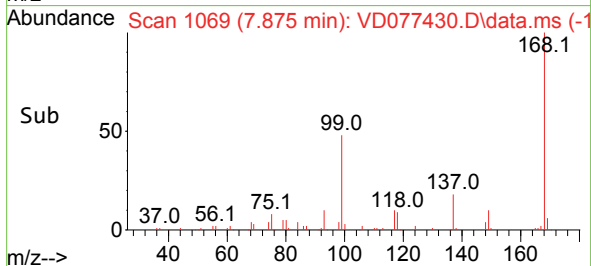
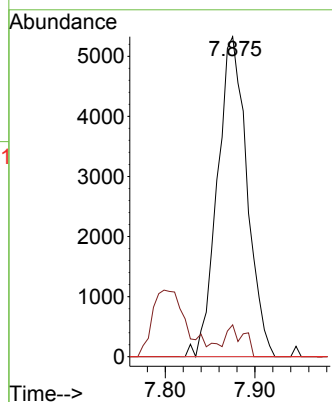
Tgt Ion: 75 Resp: 12175

Ion Ratio Lower Upper

75 100

110 6.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.486 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD077430.D

Acq: 26 Oct 2023 16:41

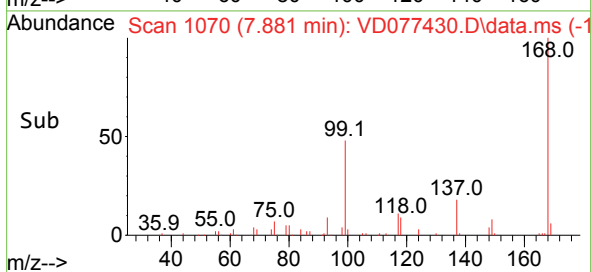
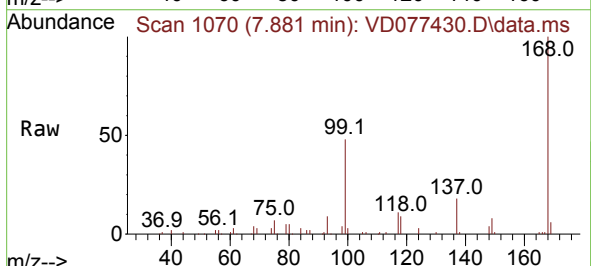
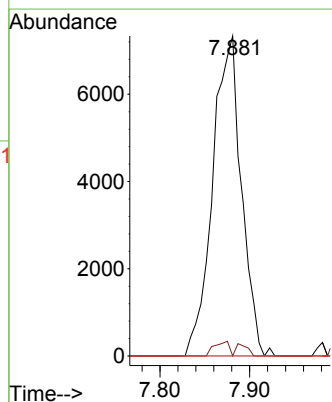
Tgt Ion: 117 Resp: 16322

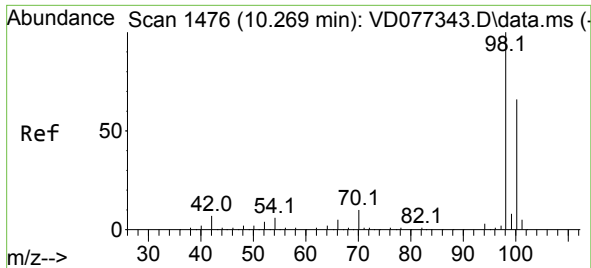
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

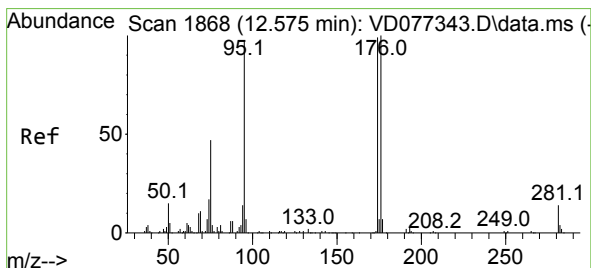
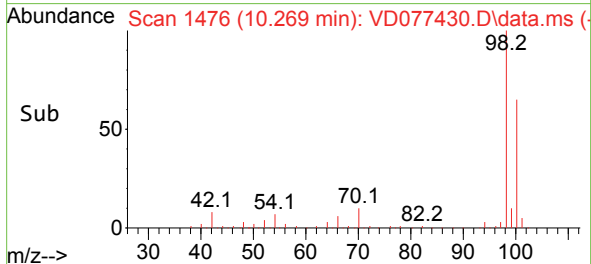
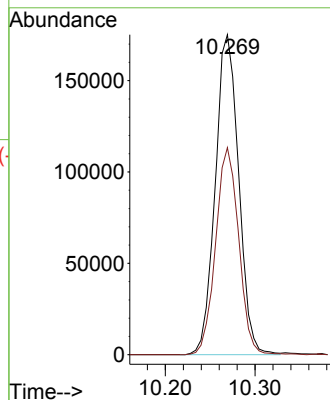
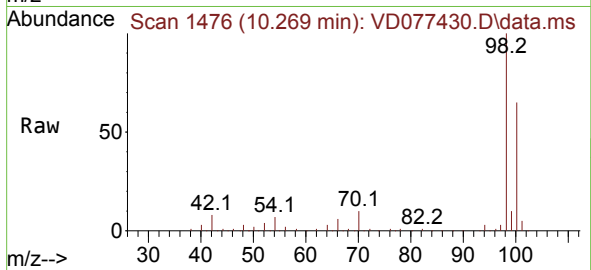




#50
Toluene-d8
Concen: 35.586 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

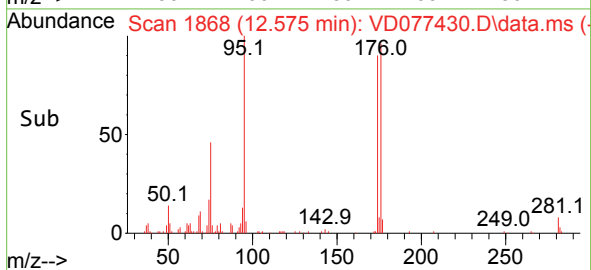
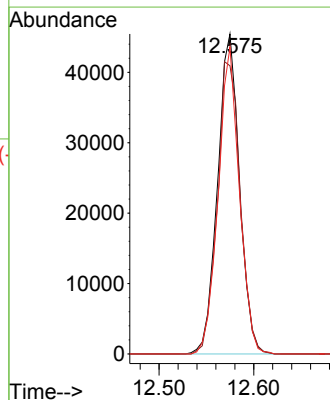
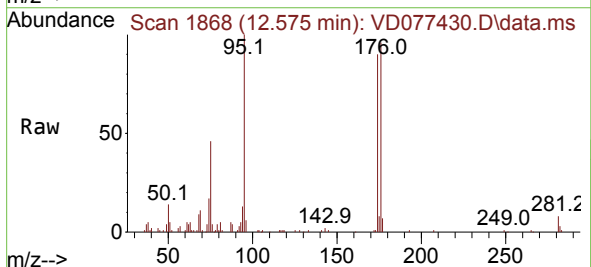
Instrument :
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ClientSampleId :

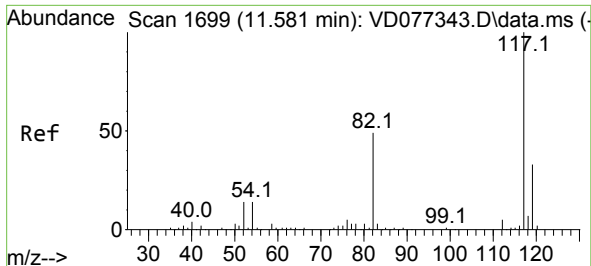
Tgt Ion: 98 Resp: 317209
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 28.411 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

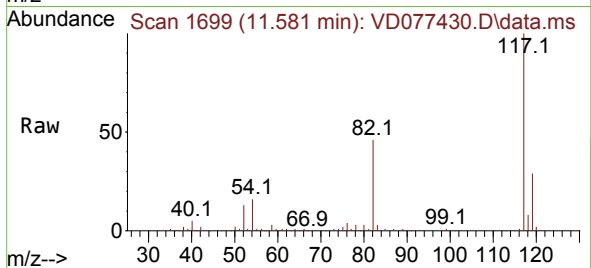
Tgt Ion: 95 Resp: 72901
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.8
176 92.6 0.0 191.8



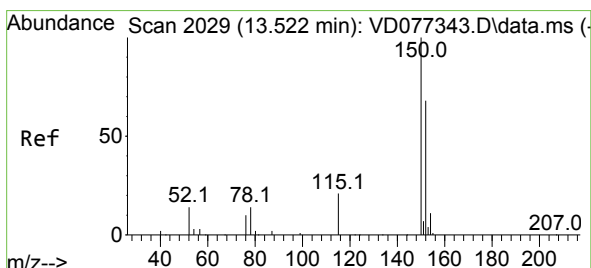
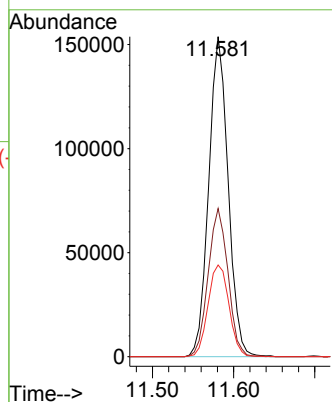
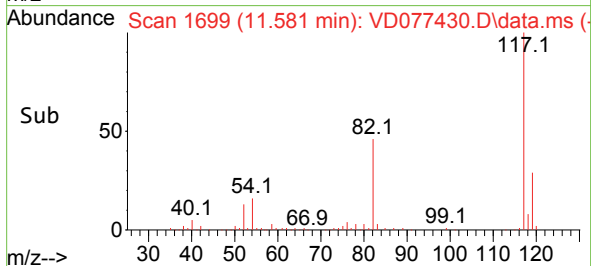


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

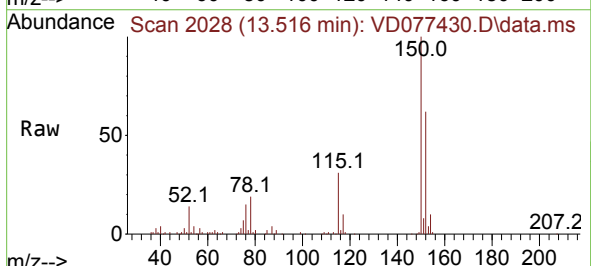
Instrument :
MSVOA_D
ClientSampleId :



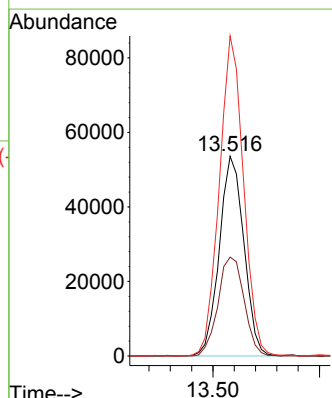
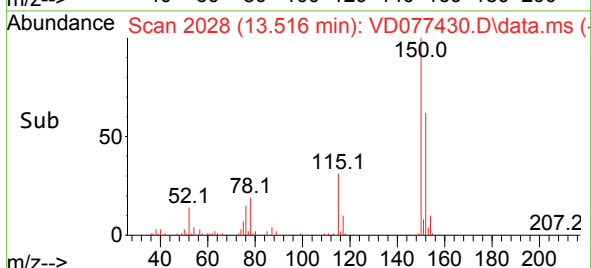
Tgt Ion:117 Resp: 255383
Ion Ratio Lower Upper
117 100
82 46.3 38.3 57.5
119 28.7 25.0 37.4

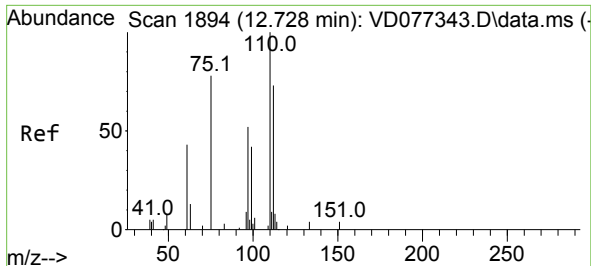


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41



Tgt Ion:152 Resp: 85844
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 157.3 0.0 353.6

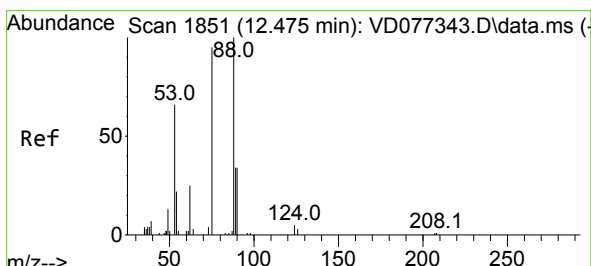
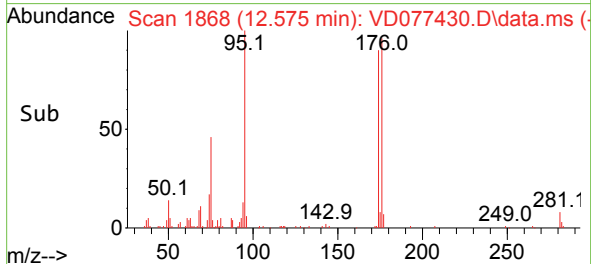
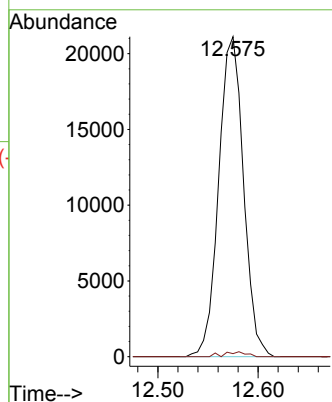
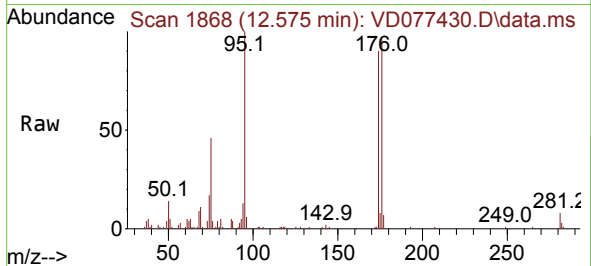




#76
1,2,3-Trichloropropane
Concen: 32.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 36225
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.073 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077430.D
Acq: 26 Oct 2023 16:41

Tgt Ion: 75 Resp: 36225
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

