

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077393.D
 Acq On : 24 Oct 2023 14:34
 Operator : JC/SY
 Sample : 04984-01RE
 Misc : 4.52G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:05:02 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)

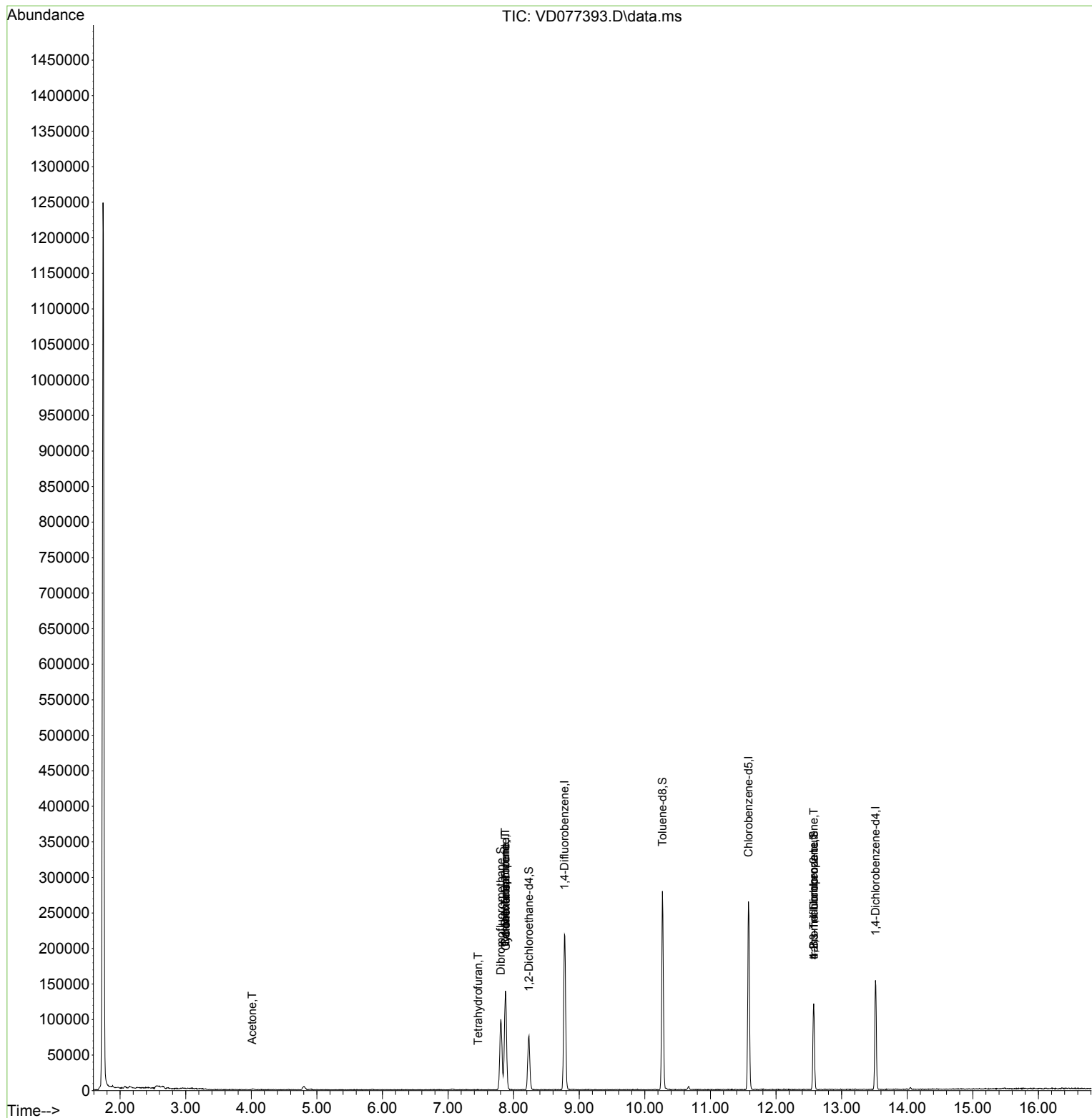
Internal Standards						
1) Pentafluorobenzene	7.875	168	113078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	214129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58147	57.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.180%
35) Dibromofluoromethane	7.804	113	72087	47.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.269	98	199893	37.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.200%
62) 4-Bromofluorobenzene	12.575	95	35887	23.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.280%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	2225	10.049	ug/l #	70
20) Methylene Chloride	4.805	84	3975	Below Cal	#	82
29) Tetrahydrofuran	7.457	42	197	1.487	ug/l #	23
31) Cyclohexane	7.881	56	2208	1.405	ug/l #	22
36) 1,1-Dichloropropene	7.875	75	8170	4.133	ug/l #	43
38) Carbon Tetrachloride	7.875	117	11220	5.102	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	18331	31.931	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	18331	112.346	ug/l #	17

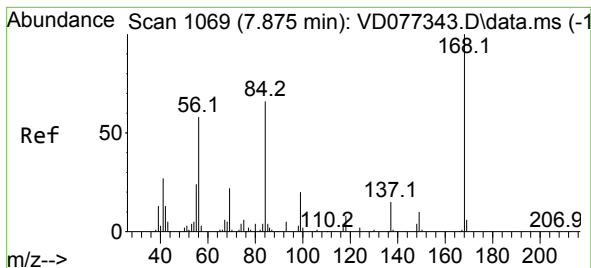
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

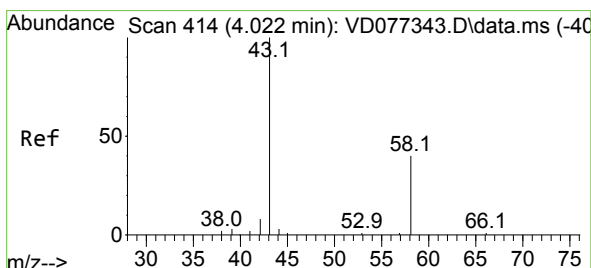
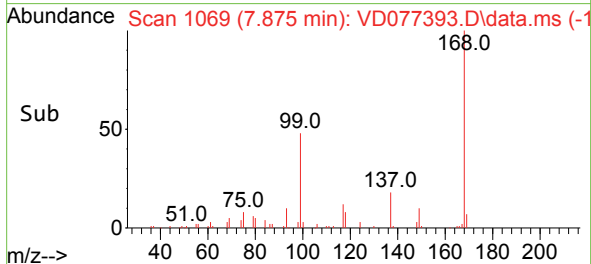
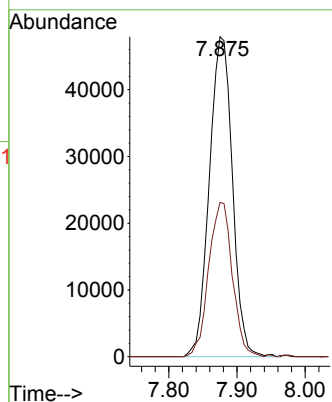
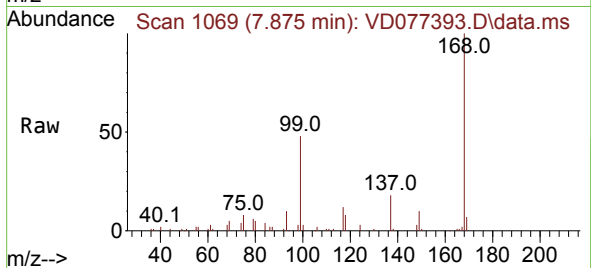
ClientSampleId :

Tgt Ion:168 Resp: 113078

Ion Ratio Lower Upper

168 100

99 48.2 36.7 55.1



#16

Acetone

Concen: 10.049 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD077393.D

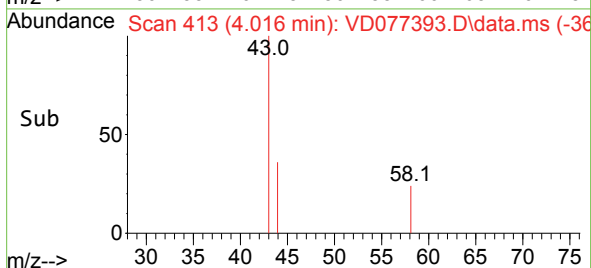
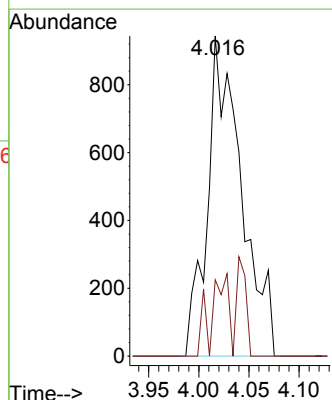
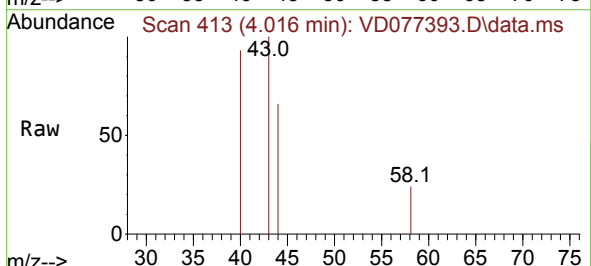
Acq: 24 Oct 2023 14:34

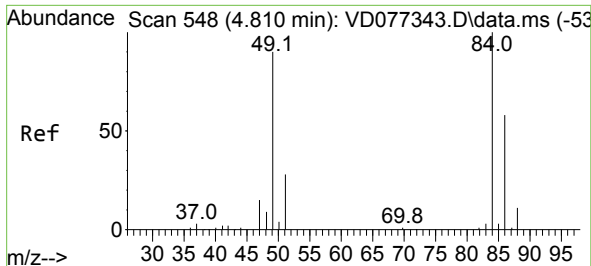
Tgt Ion: 43 Resp: 2225

Ion Ratio Lower Upper

43 100

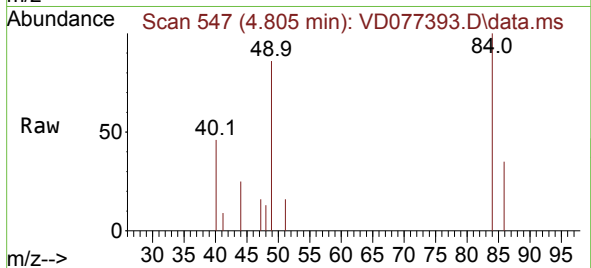
58 23.8 34.7 52.1#



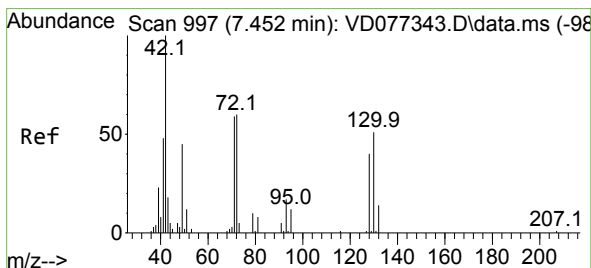
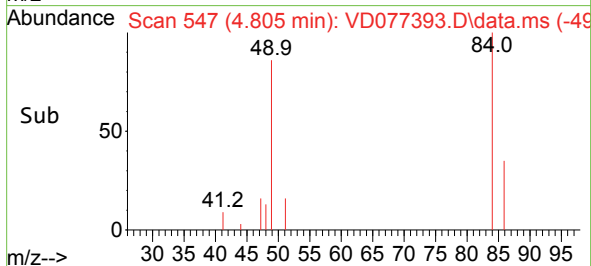
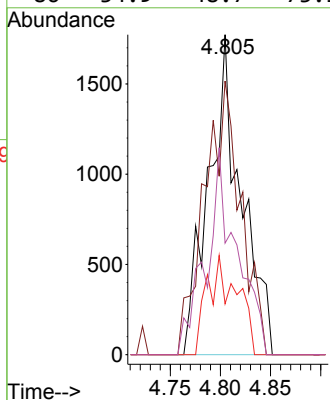


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 548
Delta R.T. -0.005 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :

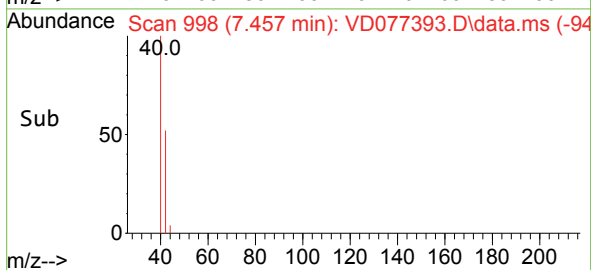
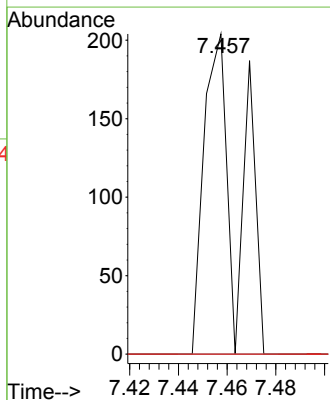
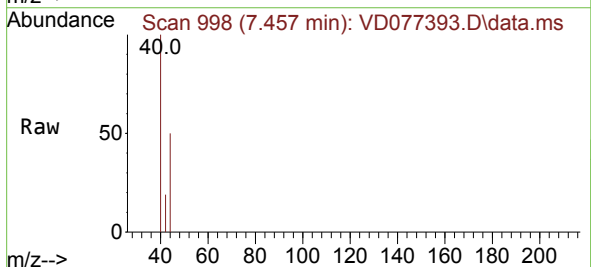


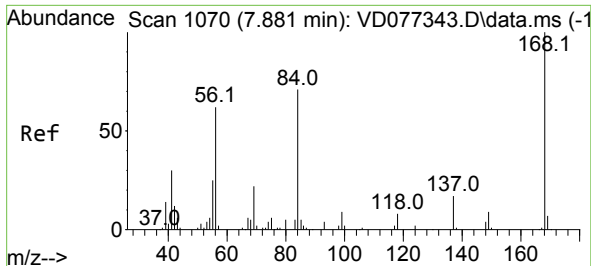
Tgt Ion:	84	Resp:	3975
Ion	Ratio	Lower	Upper
84	100		
49	85.5	71.4	107.2
51	15.9	24.5	36.7#
86	34.9	48.7	73.1#



#29
Tetrahydrofuran
Concen: 1.487 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.005 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

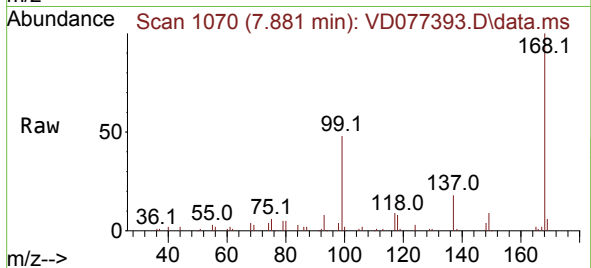
Tgt Ion:	42	Resp:	197
Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



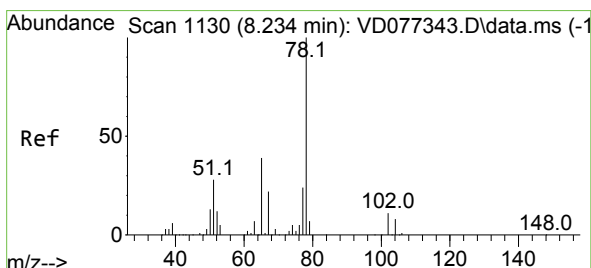
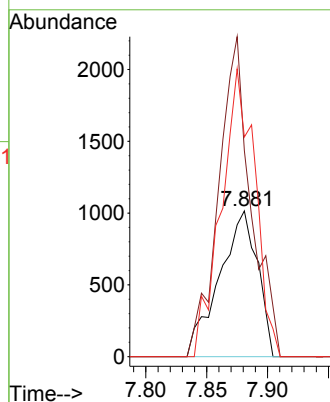
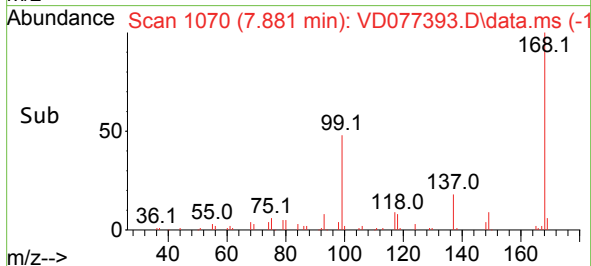


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :

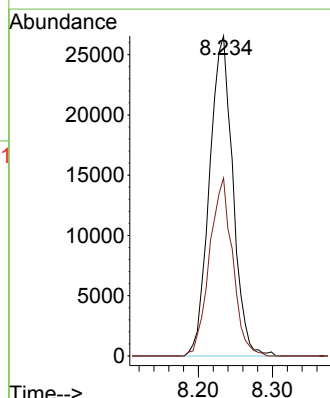
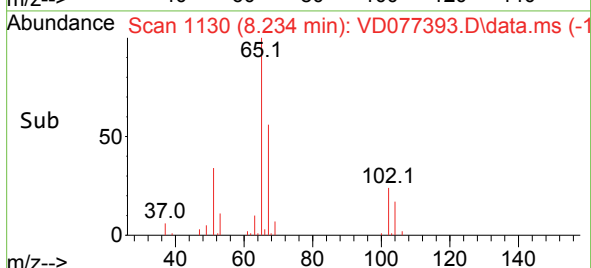
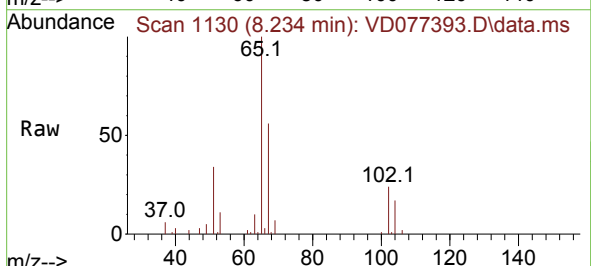


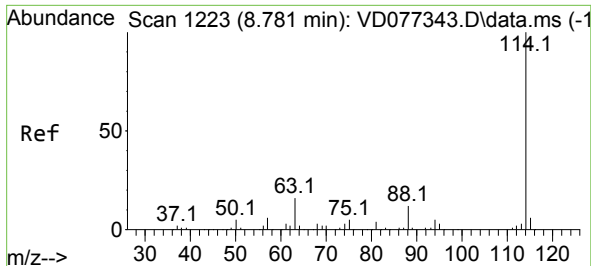
Tgt Ion: 56 Resp: 2208
Ion Ratio Lower Upper
56 100
69 141.4 28.6 43.0#
84 150.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 57.587 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Tgt Ion: 65 Resp: 58147
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

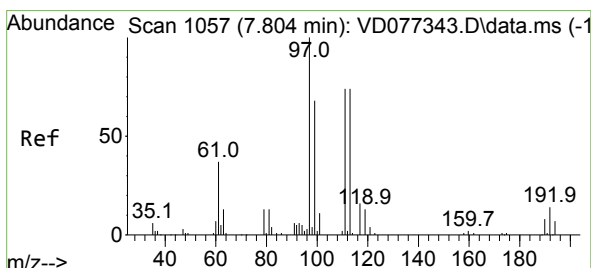
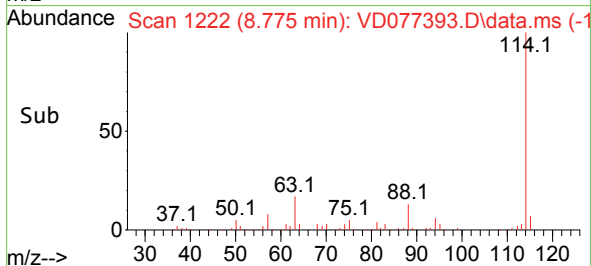
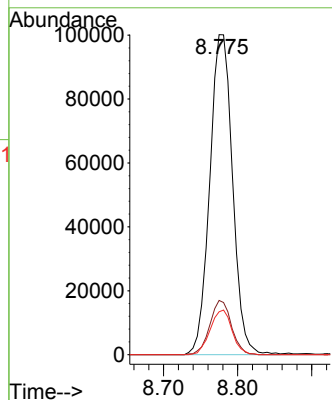
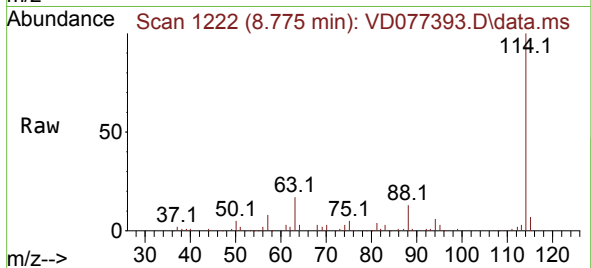
Tgt Ion:114 Resp: 214129

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

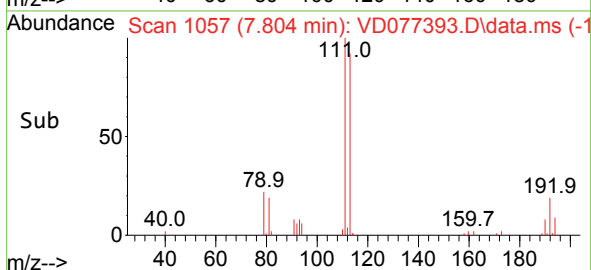
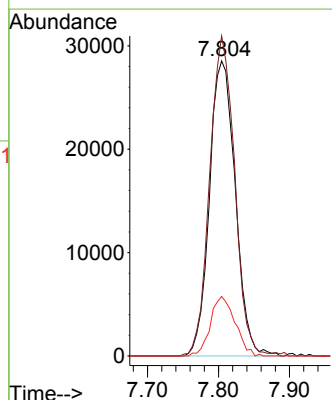
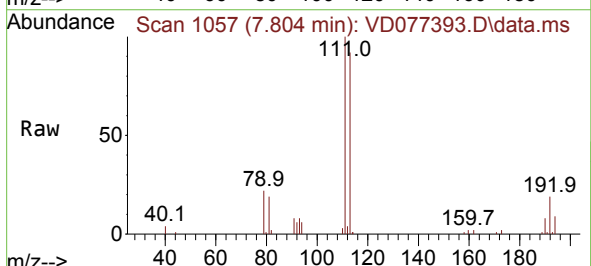
Tgt Ion:113 Resp: 72087

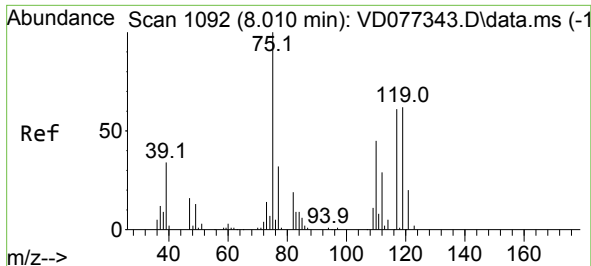
Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 19.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.133 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077393.D

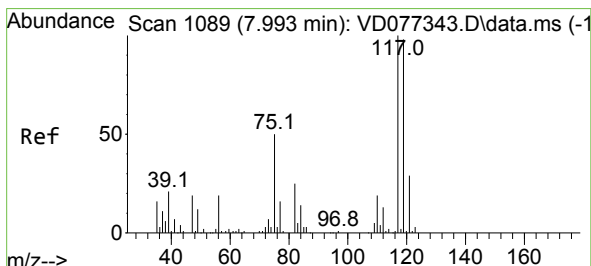
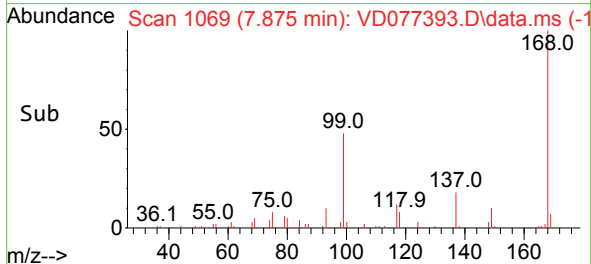
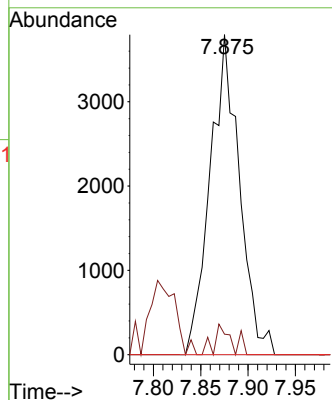
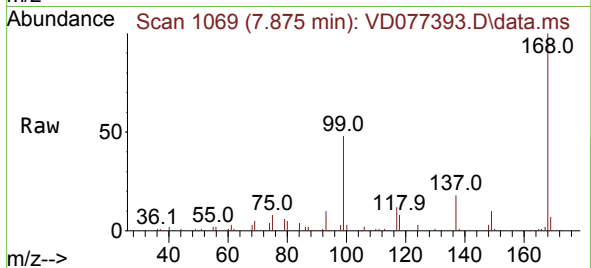
Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	8170
Ion	Ratio	Lower	Upper
75	100		
110	4.5	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.102 ug/l

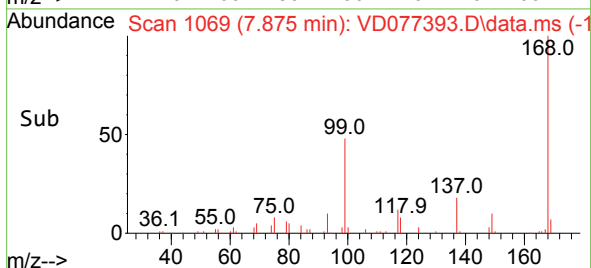
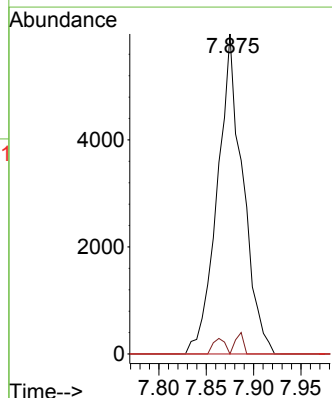
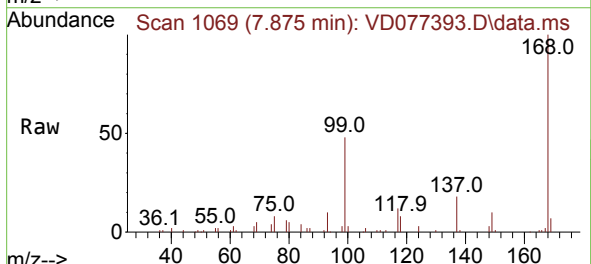
RT: 7.875 min Scan# 1069

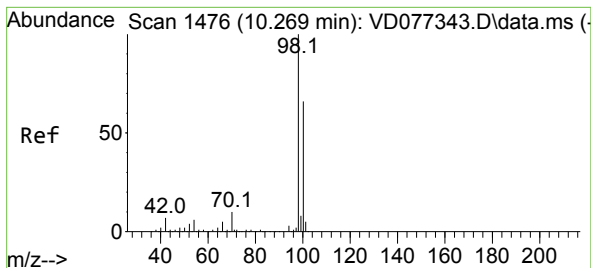
Delta R.T. -0.118 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Tgt Ion:	117	Resp:	11220
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 37.103 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

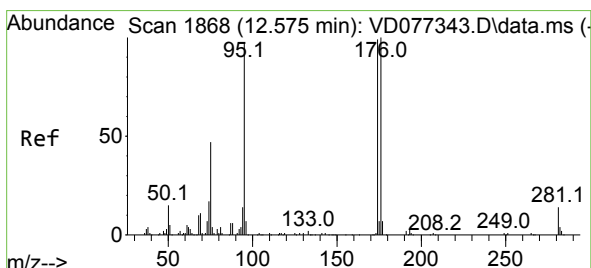
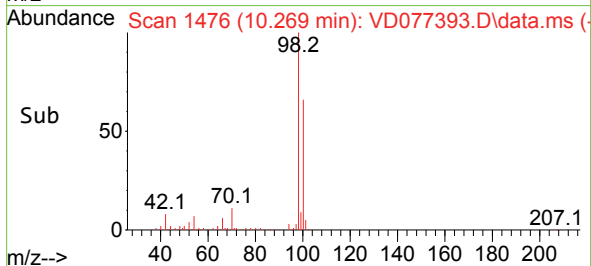
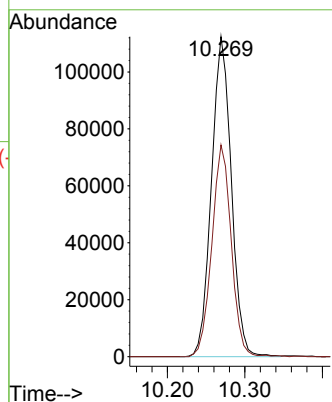
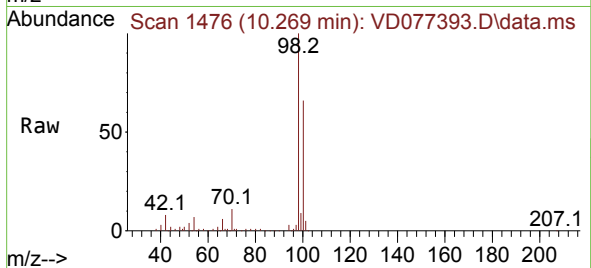
ClientSampleId :

Tgt Ion: 98 Resp: 199893

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 23.140 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

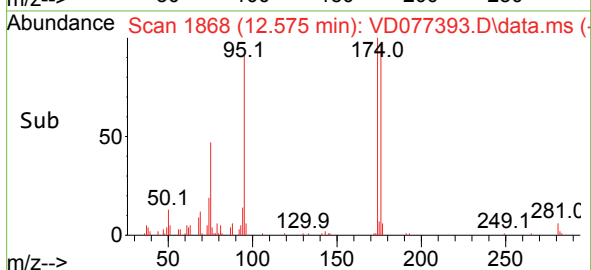
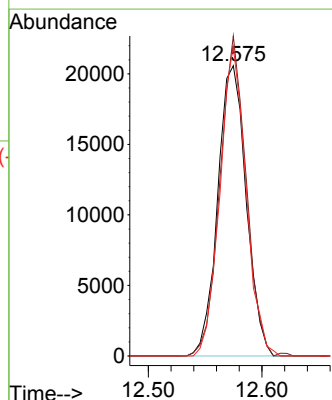
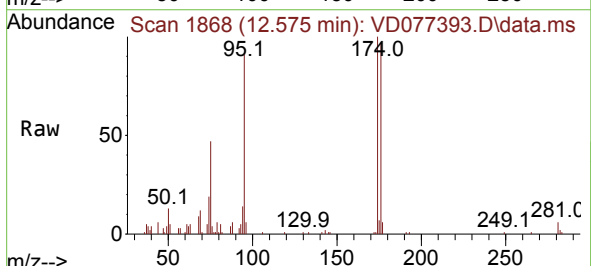
Tgt Ion: 95 Resp: 35887

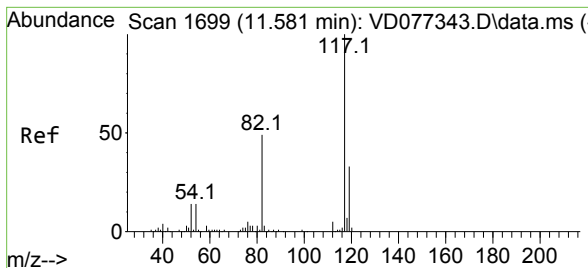
Ion Ratio Lower Upper

95 100

174 101.0 0.0 201.8

176 97.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

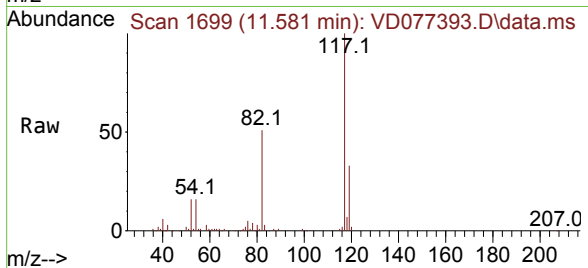
Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :



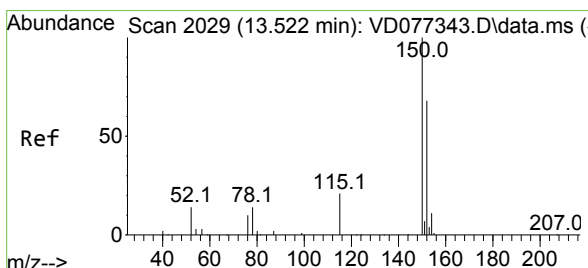
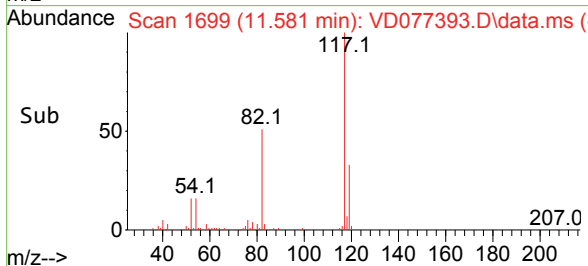
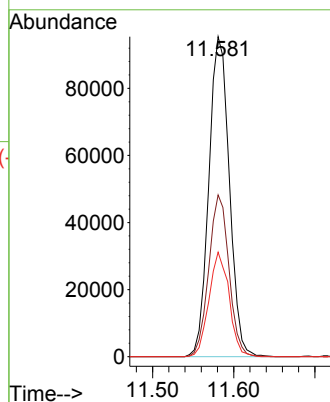
Tgt Ion:117 Resp: 167179

Ion Ratio Lower Upper

117 100

82 50.5 38.3 57.5

119 32.7 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: VD077393.D

Acq: 24 Oct 2023 14:34

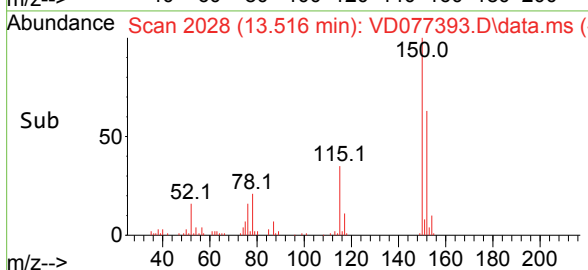
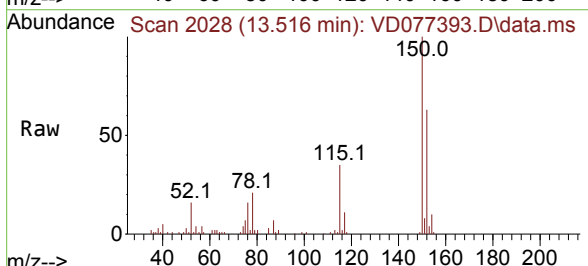
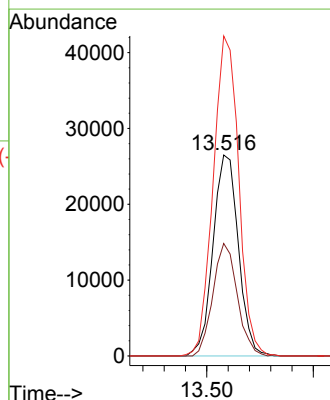
Tgt Ion:152 Resp: 43721

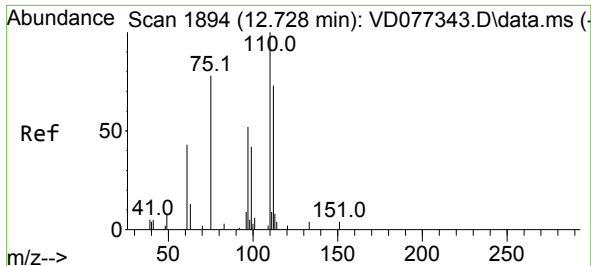
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 160.5 0.0 353.6

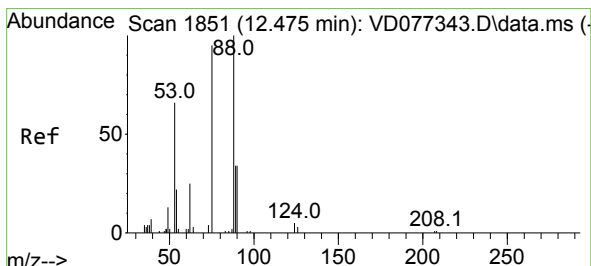
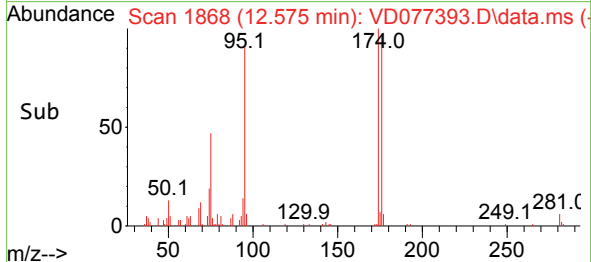
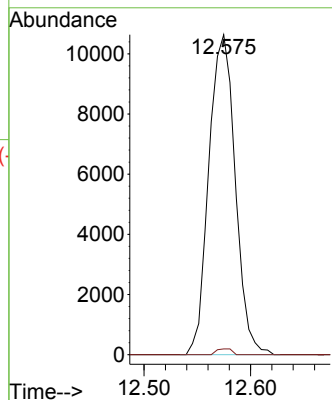
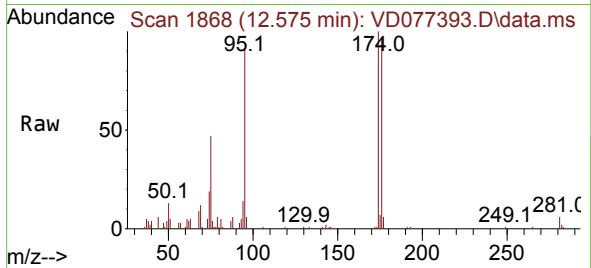




#76
1,2,3-Trichloropropane
Concen: 31.931 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 18331
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.346 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Tgt Ion: 75 Resp: 18331
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

