

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077350.D
 Acq On : 19 Oct 2023 12:33
 Operator : JC/SY
 Sample : VD1019SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 20 02:05:32 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)

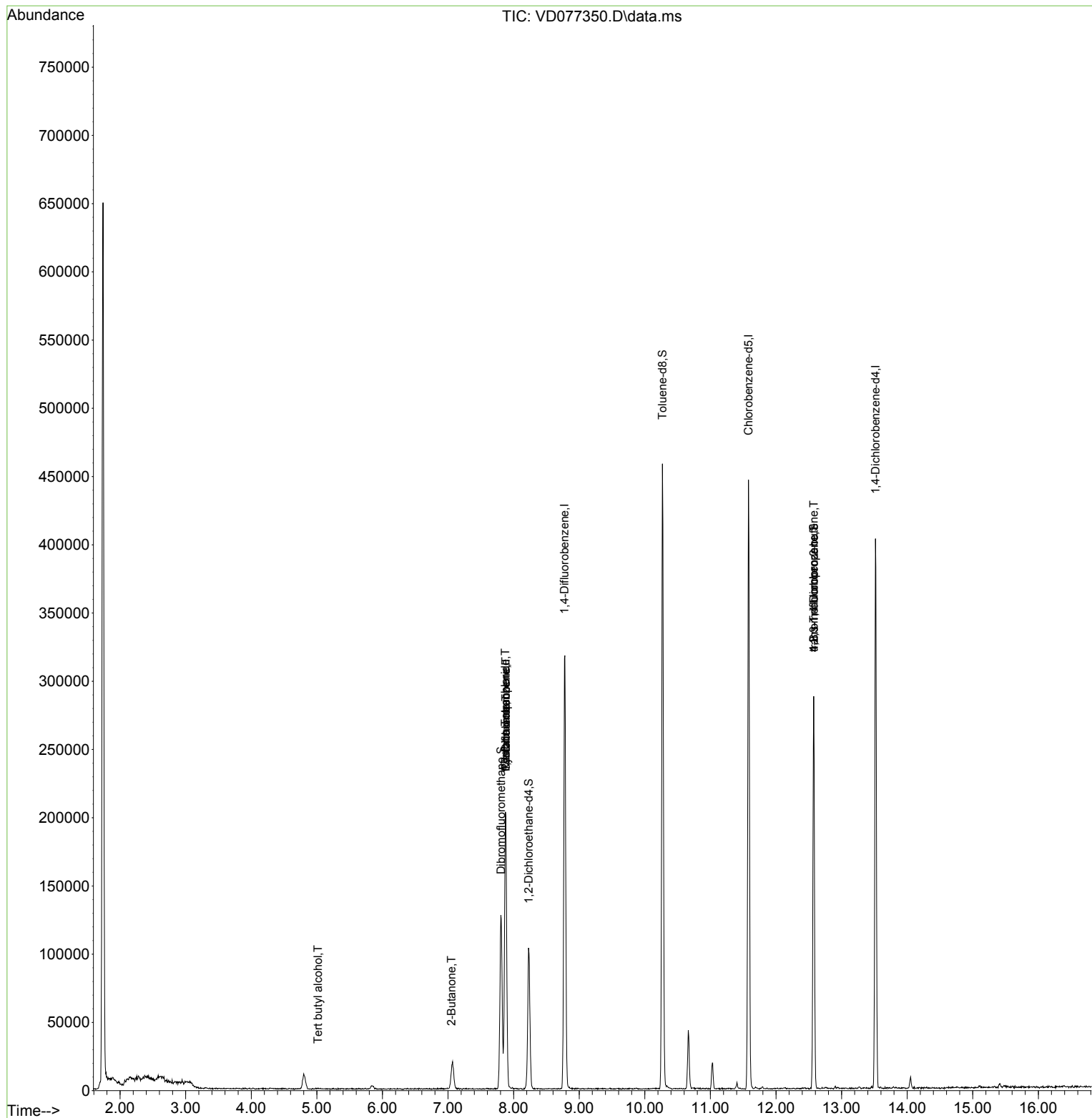
Internal Standards						
1) Pentafluorobenzene	7.881	168	162050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79496	54.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.810	113	94336	44.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.740%	
50) Toluene-d8	10.269	98	320799	42.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.260%	
62) 4-Bromofluorobenzene	12.575	95	83465	38.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.016	59	295	3.624	ug/l #	73
25) 2-Butanone	7.052	43	598	1.817	ug/l #	37
31) Cyclohexane	7.881	56	3622	1.609	ug/l #	35
36) 1,1-Dichloropropene	7.881	75	12573	4.501	ug/l #	47
38) Carbon Tetrachloride	7.875	117	16144	5.195	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	42381	29.198	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42381	101.829	ug/l #	17

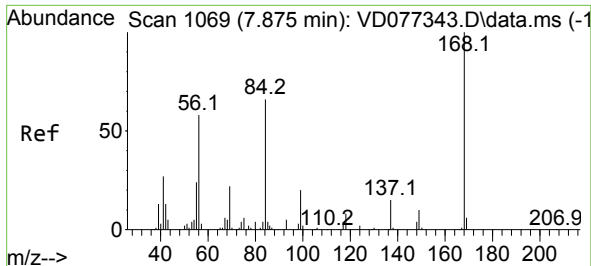
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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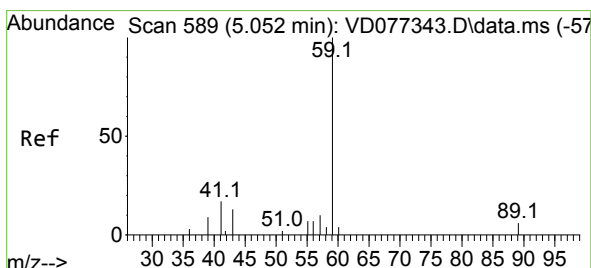
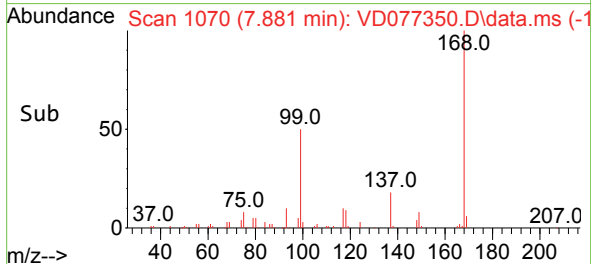
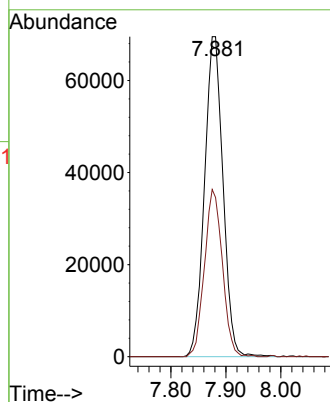
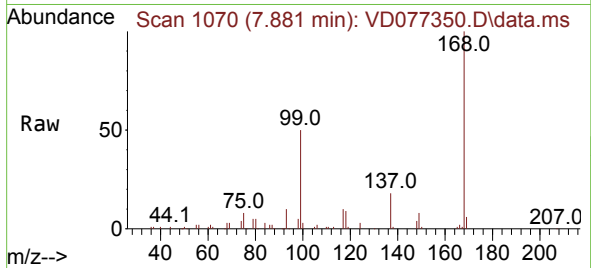




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

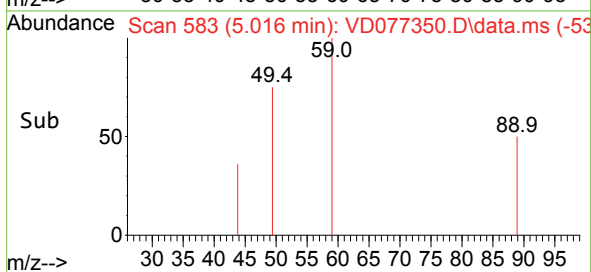
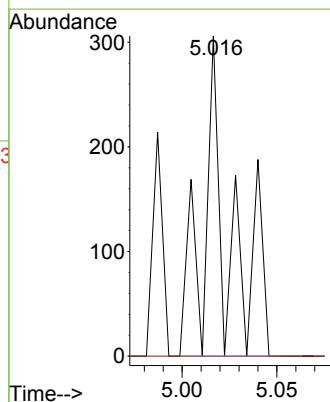
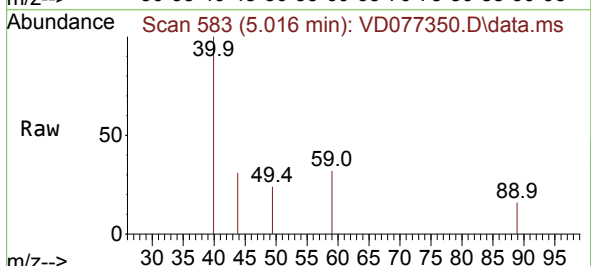
Instrument :
MSVOA_D
ClientSampleId :

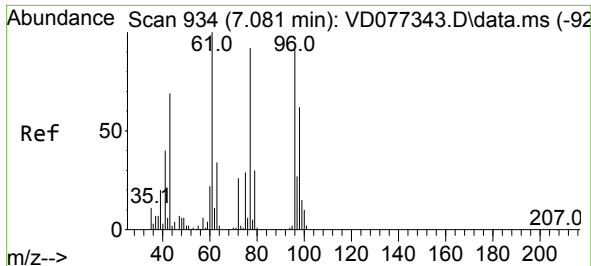
Tgt Ion:168 Resp: 162050
Ion Ratio Lower Upper
168 100
99 49.7 36.7 55.1



#11
Tert butyl alcohol
Concen: 3.624 ug/l
RT: 5.016 min Scan# 583
Delta R.T. -0.036 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

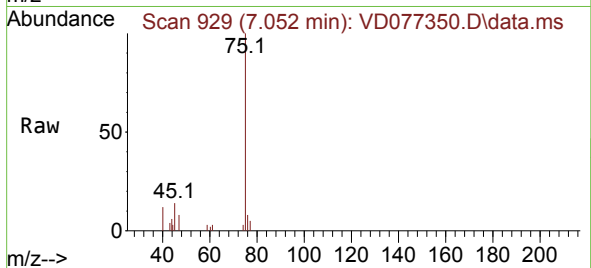
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



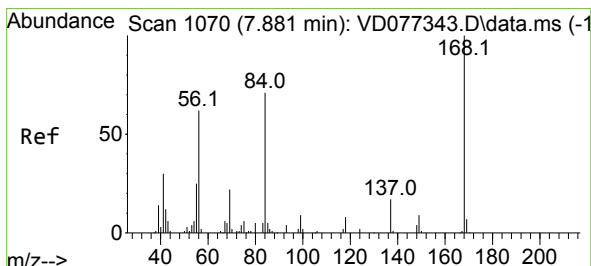
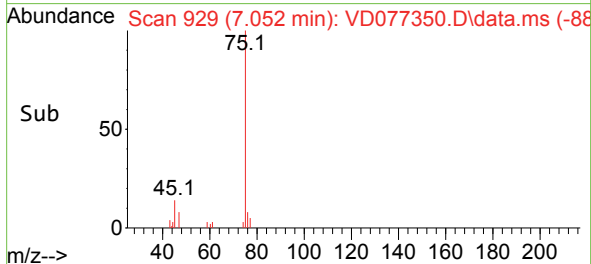


#25
2-Butanone
Concen: 1.817 ug/l
RT: 7.052 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Instrument :
MSVOA_D
ClientSampleId :

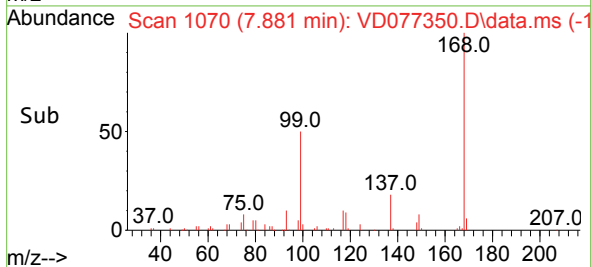
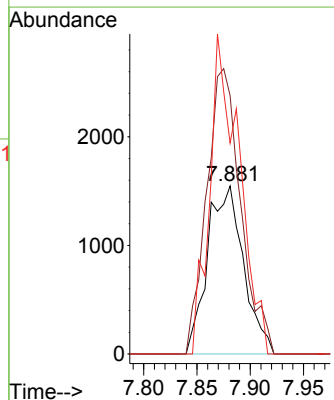
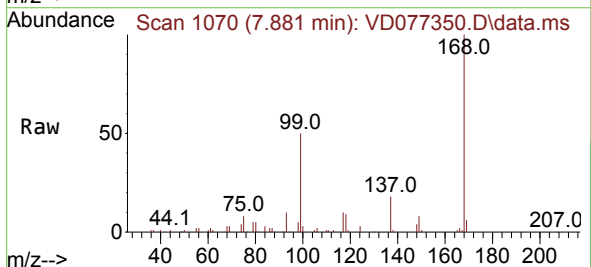


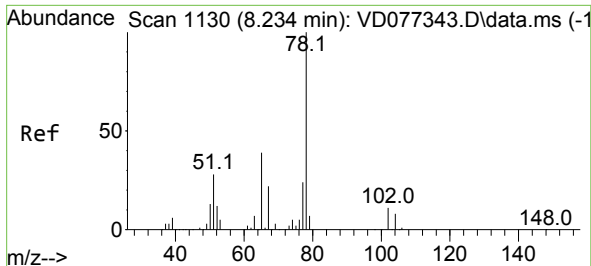
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.609 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Tgt Ion: 56 Resp: 3622
Ion Ratio Lower Upper
56 100
69 153.8 28.6 43.0#
84 125.5 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 54.938 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077350.D

Acq: 19 Oct 2023 12:33

Instrument :

MSVOA_D

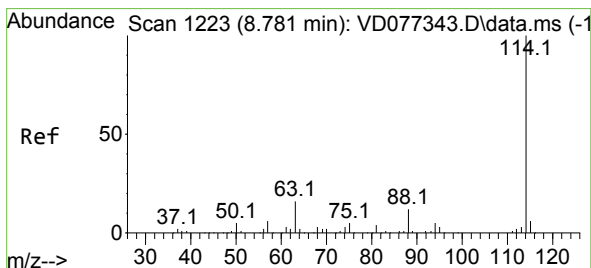
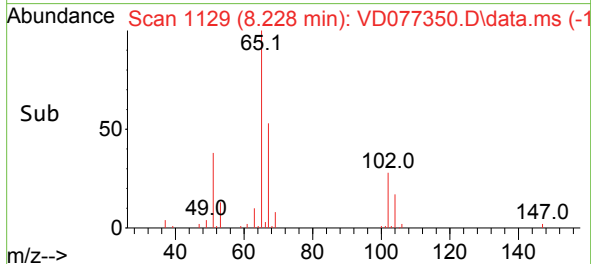
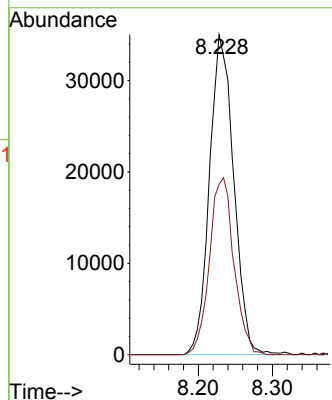
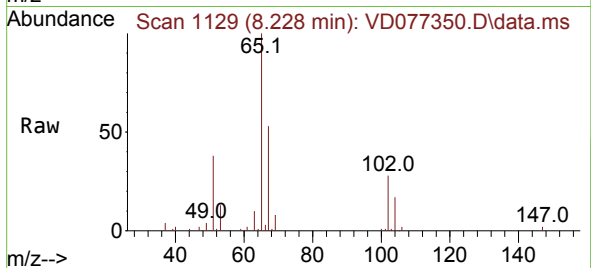
ClientSampleId :

Tgt Ion: 65 Resp: 79496

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077350.D

Acq: 19 Oct 2023 12:33

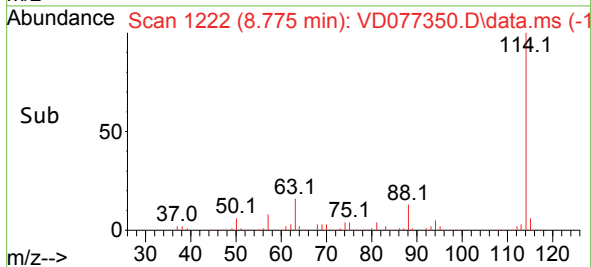
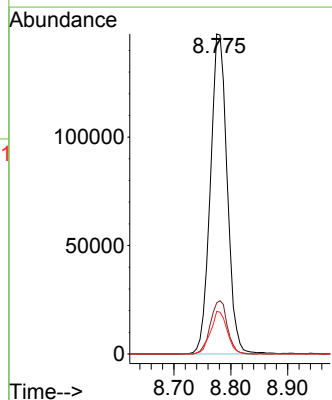
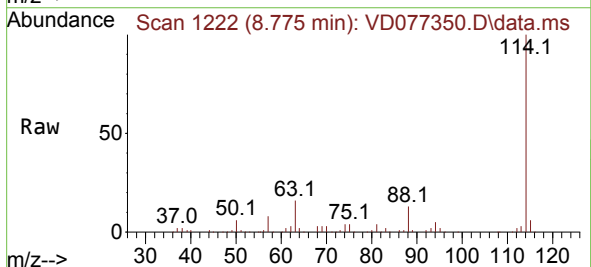
Tgt Ion: 114 Resp: 302611

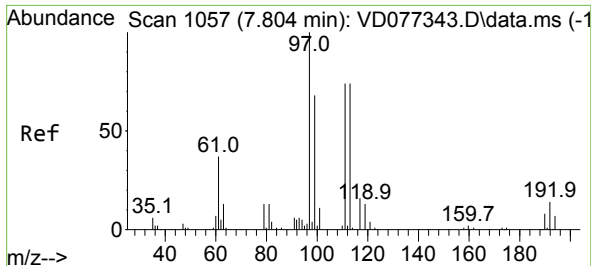
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.373 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.006 min

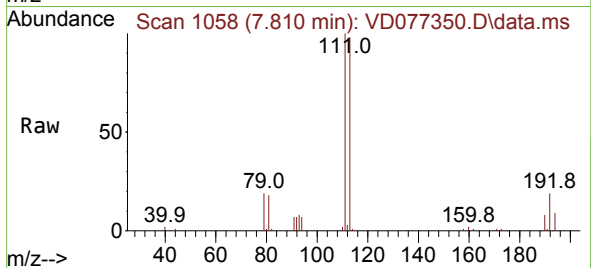
Lab File: VD077350.D

Acq: 19 Oct 2023 12:33

Instrument :

MSVOA_D

ClientSampleId :



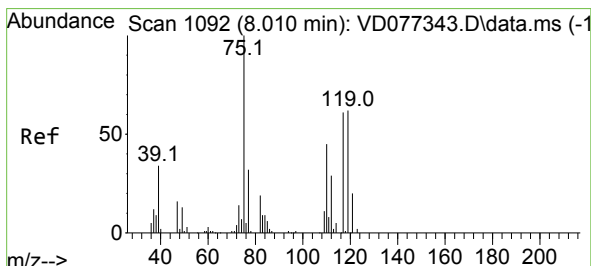
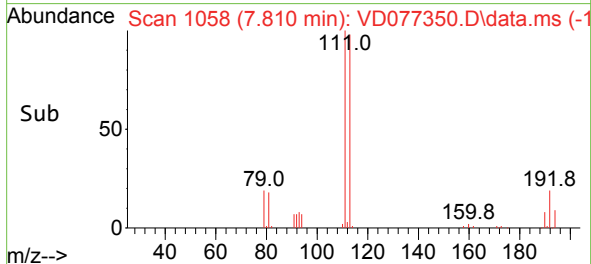
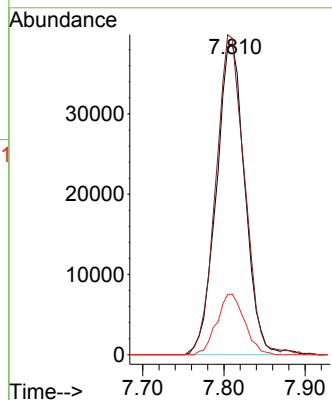
Tgt Ion:113 Resp: 94336

Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.501 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD077350.D

Acq: 19 Oct 2023 12:33

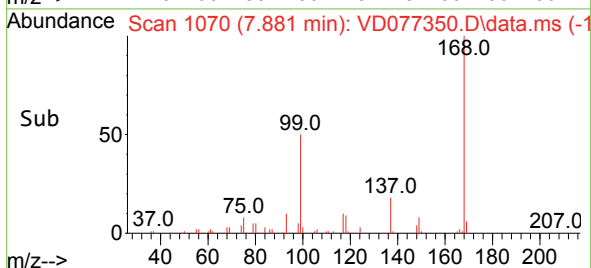
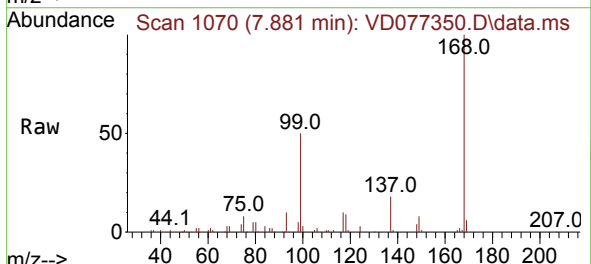
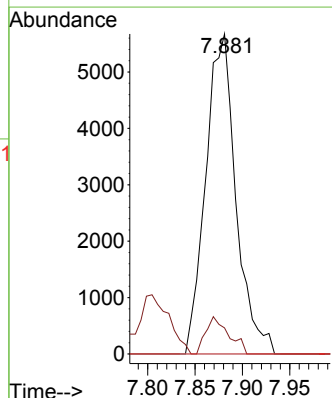
Tgt Ion: 75 Resp: 12573

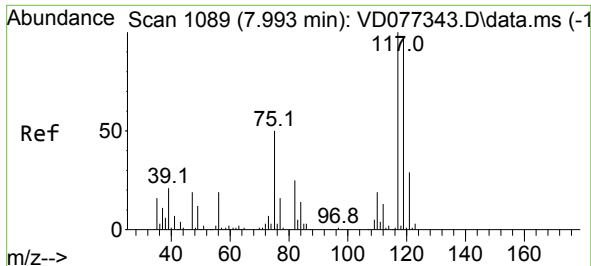
Ion Ratio Lower Upper

75 100

110 8.9 19.9 59.6#

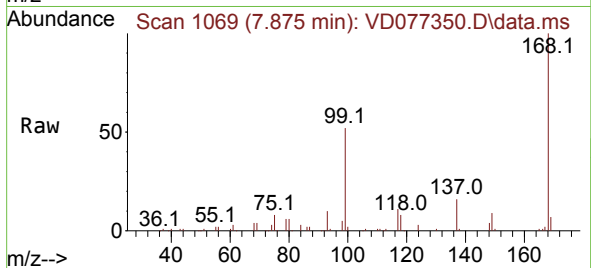
77 0.0 24.7 37.1#



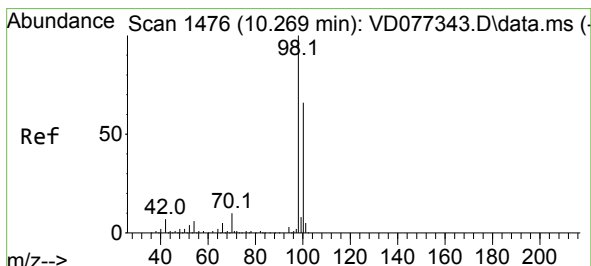
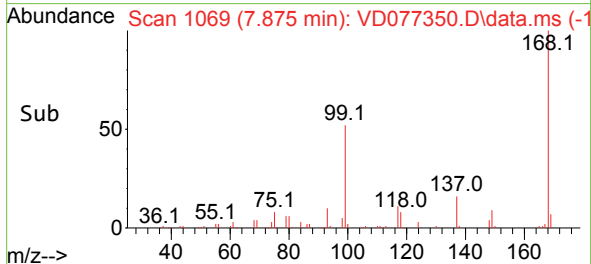
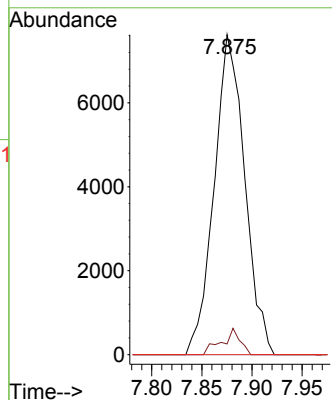


#38
Carbon Tetrachloride
Concen: 5.195 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Instrument :
MSVOA_D
ClientSampleId :

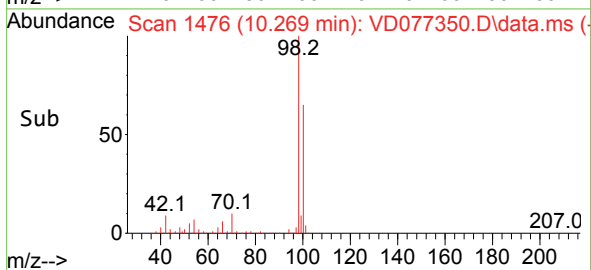
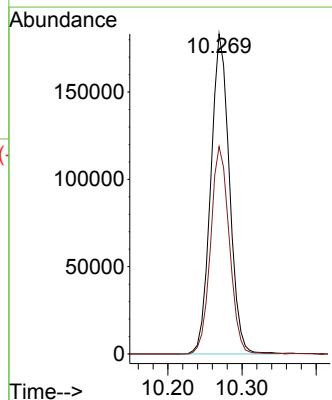
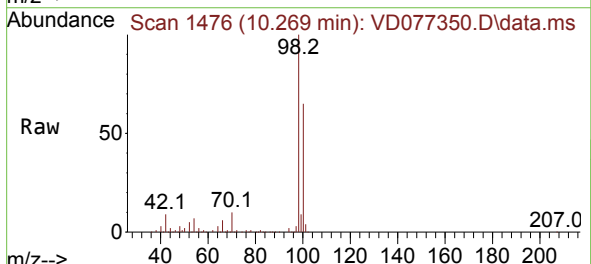


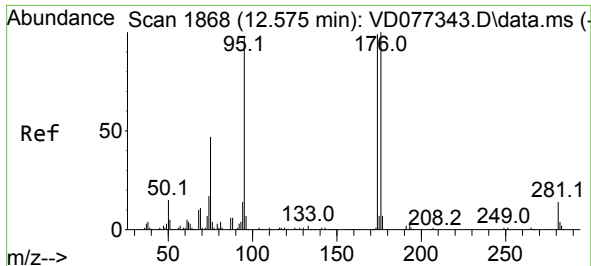
Tgt Ion:117 Resp: 16144
Ion Ratio Lower Upper
117 100
119 3.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 42.134 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Tgt Ion: 98 Resp: 320799
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

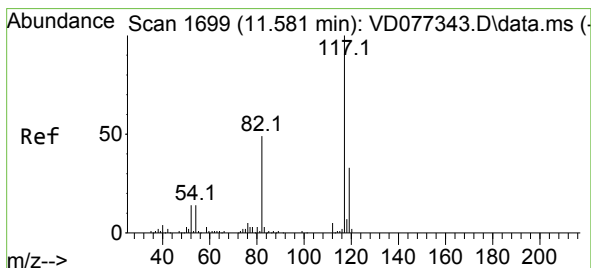
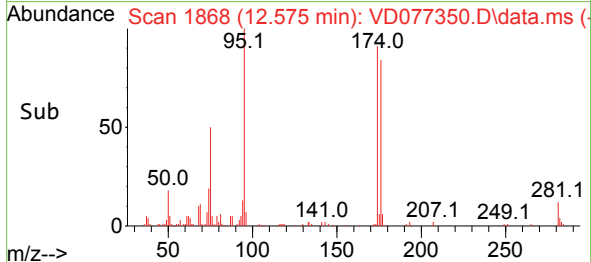
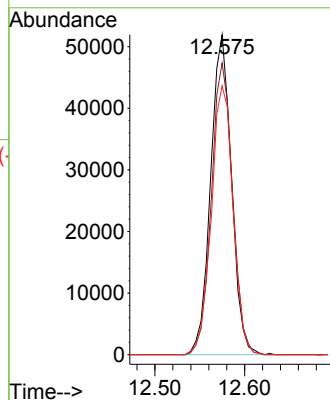
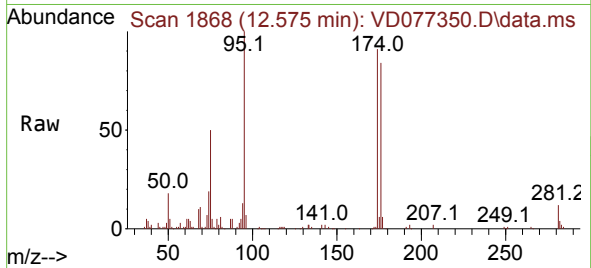




#62
4-Bromofluorobenzene
Concen: 38.082 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

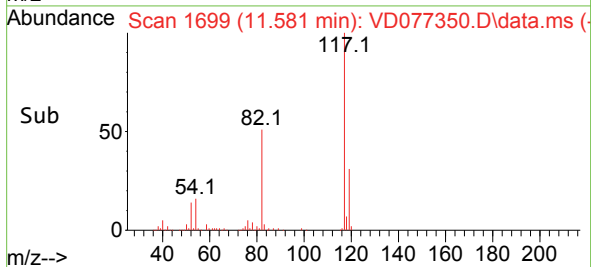
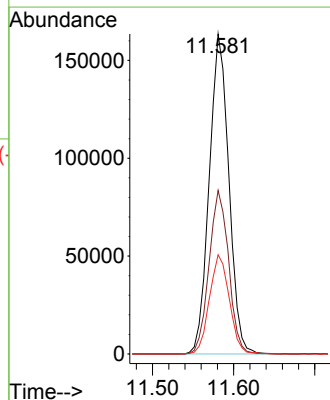
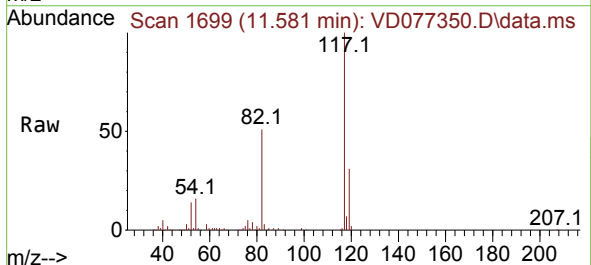
Instrument :
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ClientSampleId :

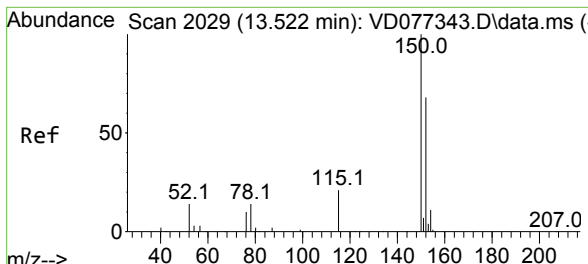
Tgt Ion: 95 Resp: 83465
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 87.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

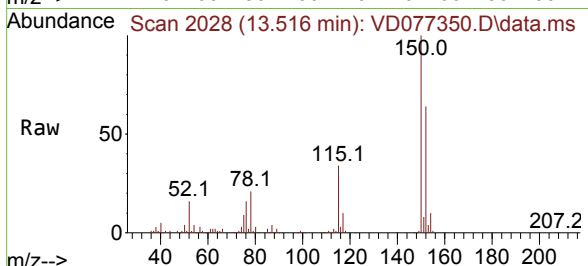
Tgt Ion: 117 Resp: 274235
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 31.0 25.0 37.4



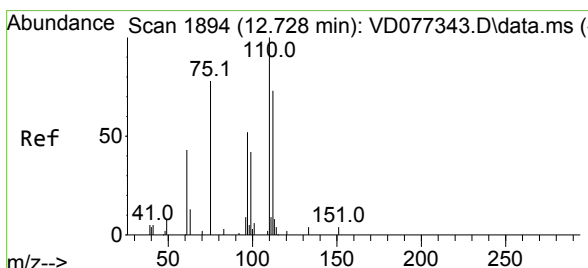
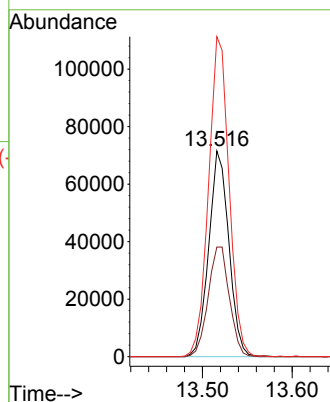
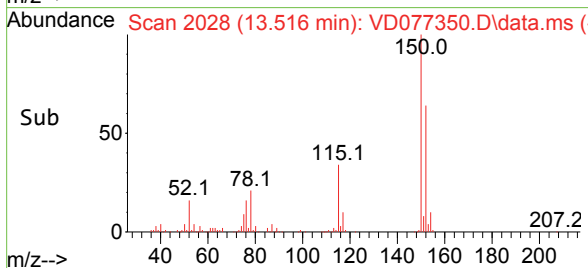


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077350.D
 Acq: 19 Oct 2023 12:33

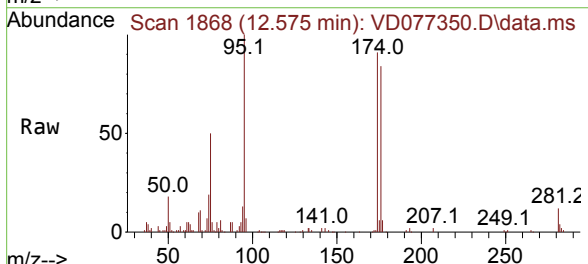
Instrument :
 MSVOA_D
 ClientSampleId :



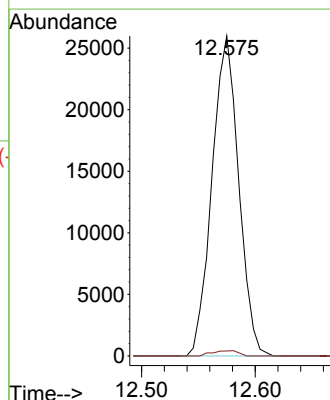
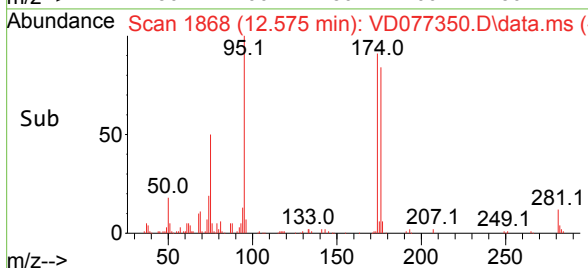
Tgt Ion:152 Resp: 111522
 Ion Ratio Lower Upper
 152 100
 115 56.1 27.1 81.3
 150 158.1 0.0 353.6

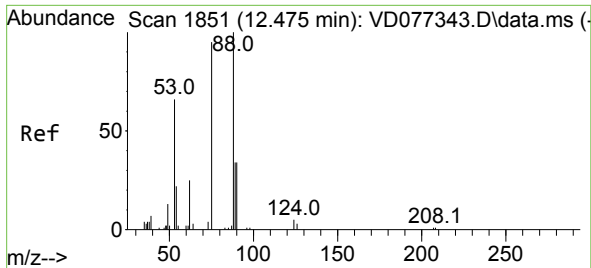


#76
 1,2,3-Trichloropropane
 Concen: 29.198 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077350.D
 Acq: 19 Oct 2023 12:33



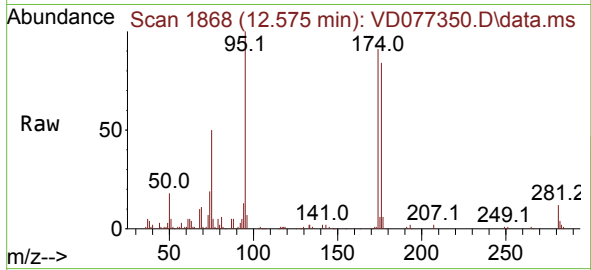
Tgt Ion: 75 Resp: 42381
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.829 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077350.D
 Acq: 19 Oct 2023 12:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	42381
Ion	Ratio	Lower	Upper
75	100		
53	0.3	63.0	94.4#
89	0.0	37.9	56.9#

