

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077377.D
 Acq On : 23 Oct 2023 11:28
 Operator : JC/SY
 Sample : VD1023SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 23:38:13 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)

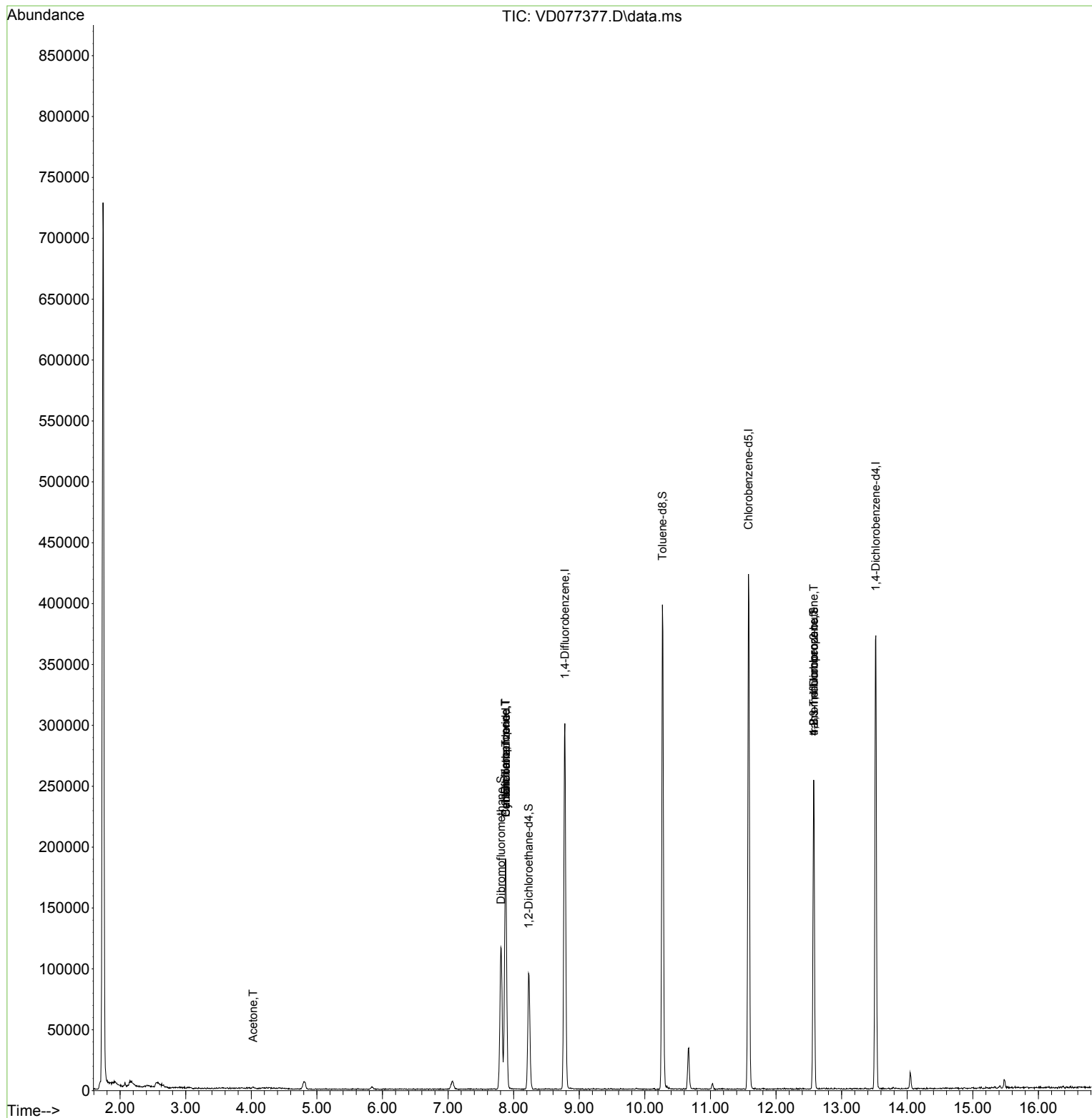
Internal Standards						
1) Pentafluorobenzene	7.881	168	153294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	284641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73002	53.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.810	113	86975	43.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.980%	
50) Toluene-d8	10.269	98	283258	39.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.100%	
62) 4-Bromofluorobenzene	12.575	95	71721	34.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1357	4.521	ug/l #	32
20) Methylene Chloride	4.805	84	5509	Below Cal	#	86
31) Cyclohexane	7.881	56	3178	1.492	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	11903	4.530	ug/l #	49
38) Carbon Tetrachloride	7.881	117	14994	5.130	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	37197	27.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37197	93.610	ug/l #	17

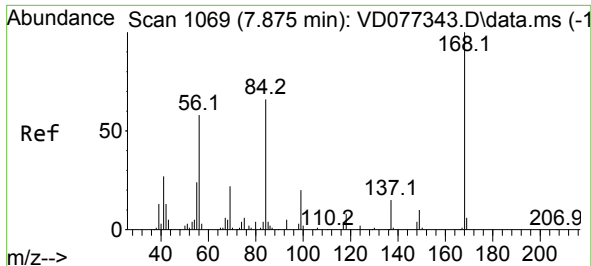
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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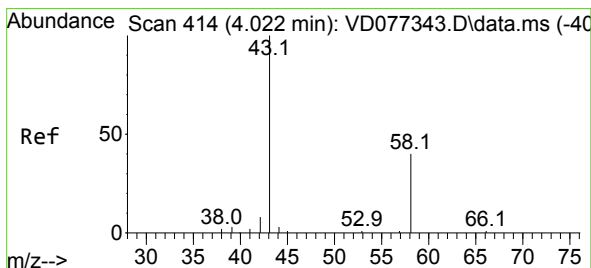
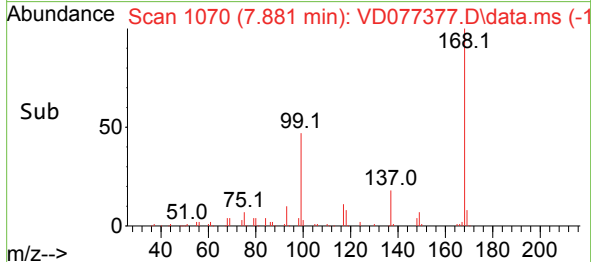
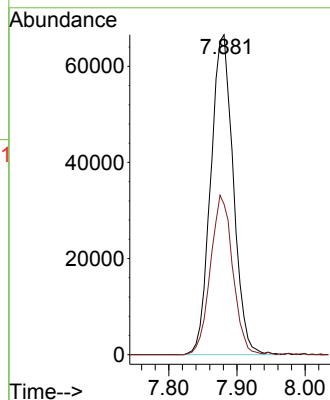
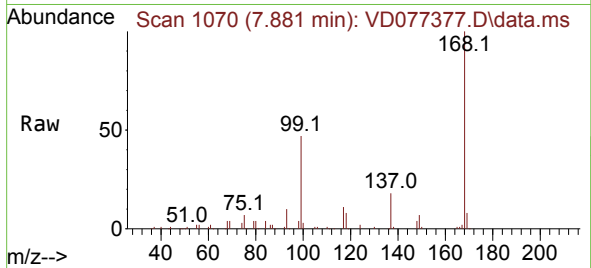




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

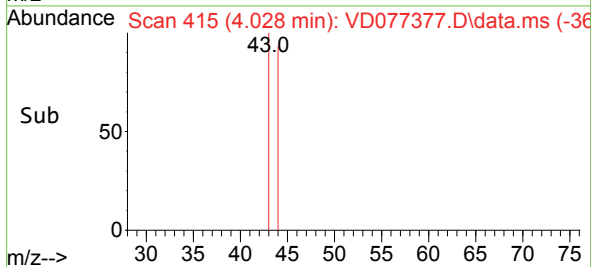
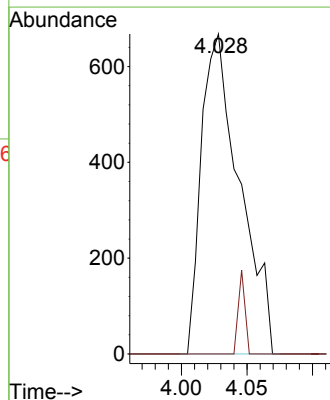
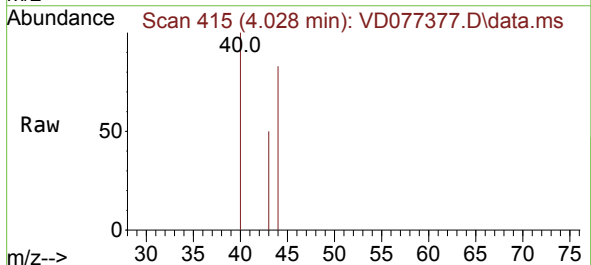
Instrument :
MSVOA_D
ClientSampleId :

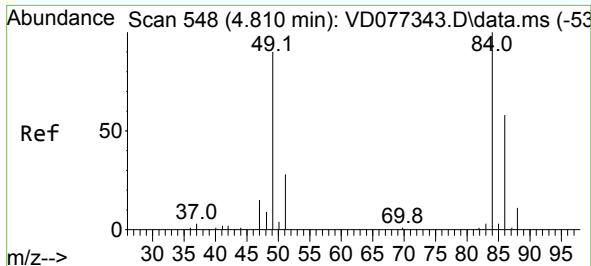
Tgt Ion:168 Resp: 153294
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#16
Acetone
Concen: 4.521 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

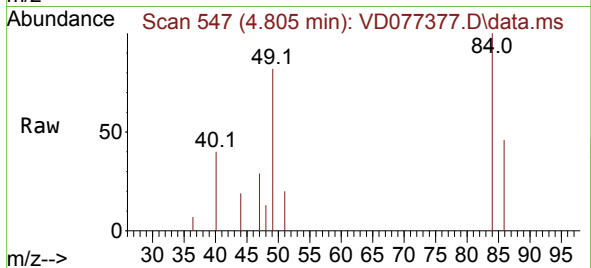
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



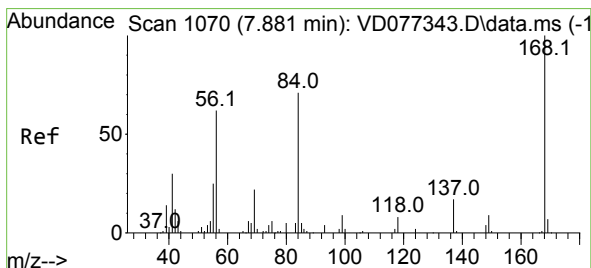
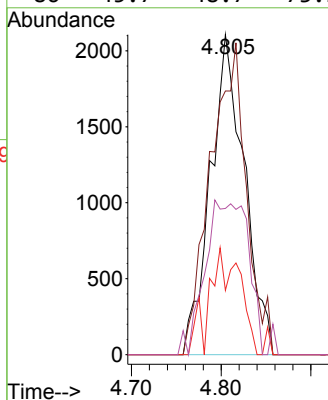
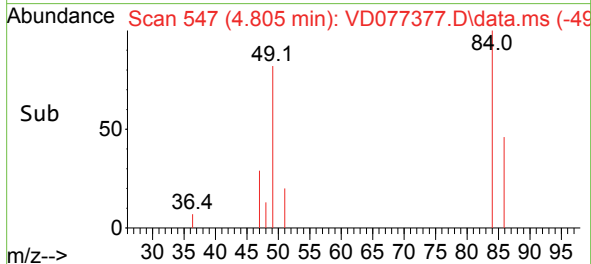


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

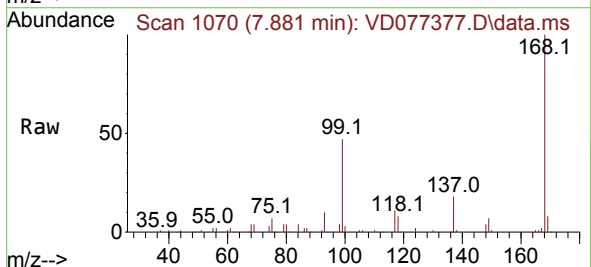
Instrument :
MSVOA_D
ClientSampleId :



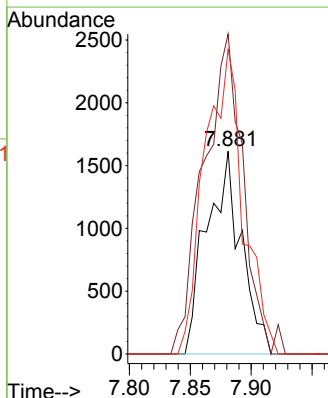
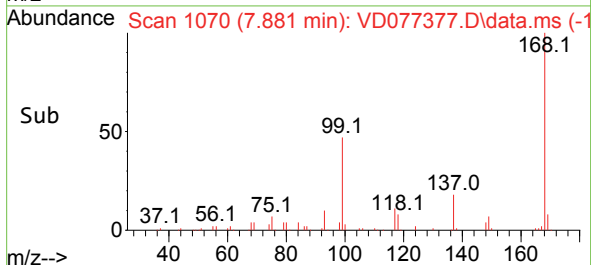
Tgt Ion: 84 Resp: 5509
Ion Ratio Lower Upper
84 100
49 82.4 71.4 107.2
51 20.1 24.5 36.7#
86 45.7 48.7 73.1#

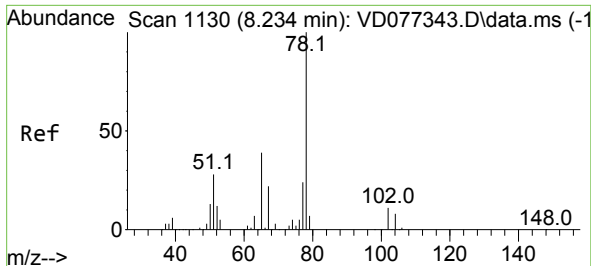


#31
Cyclohexane
Concen: 1.492 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28



Tgt Ion: 56 Resp: 3178
Ion Ratio Lower Upper
56 100
69 145.8 28.6 43.0#
84 150.3 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 53.332 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

Instrument :

MSVOA_D

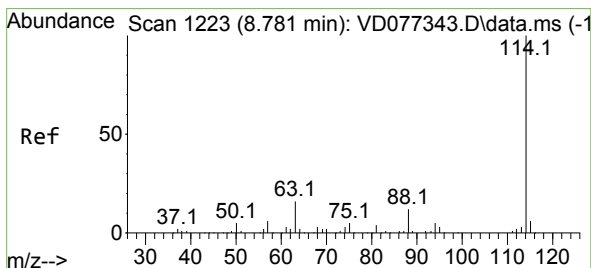
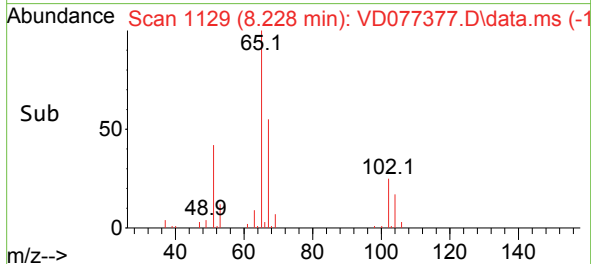
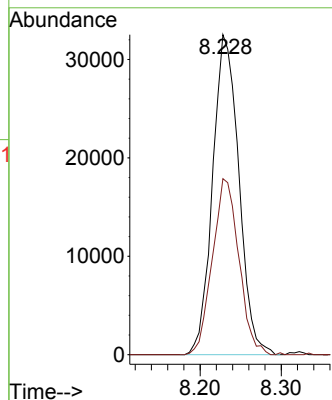
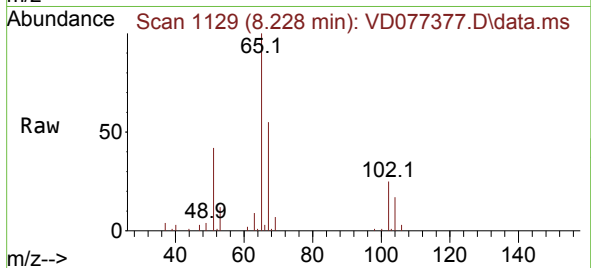
ClientSampleId :

Tgt Ion: 65 Resp: 73002

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

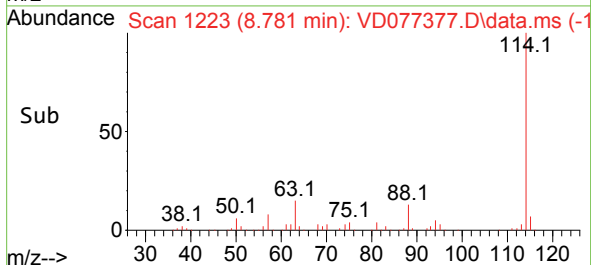
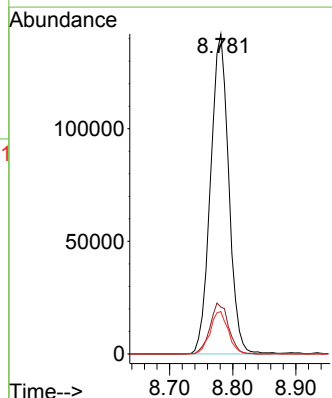
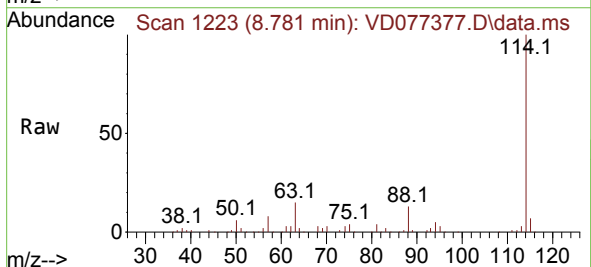
Tgt Ion:114 Resp: 284641

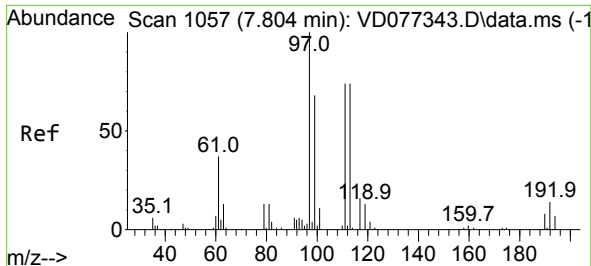
Ion Ratio Lower Upper

114 100

63 14.6 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.493 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

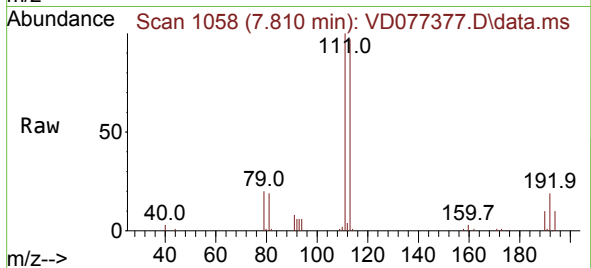
Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :



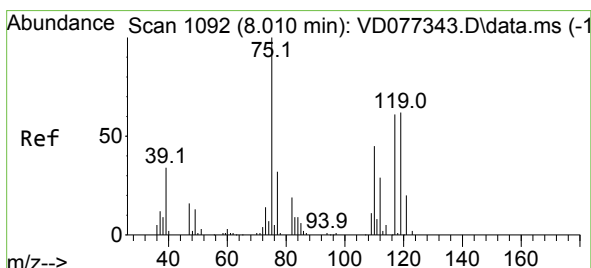
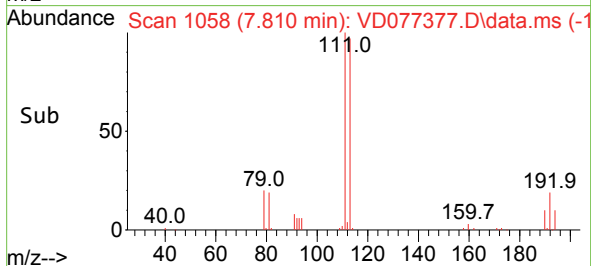
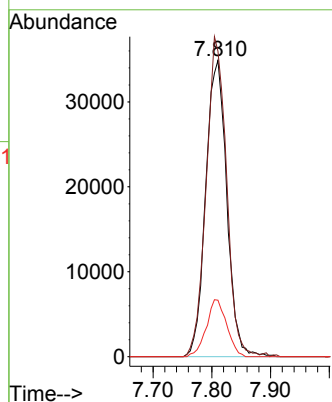
Tgt Ion:113 Resp: 86975

Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

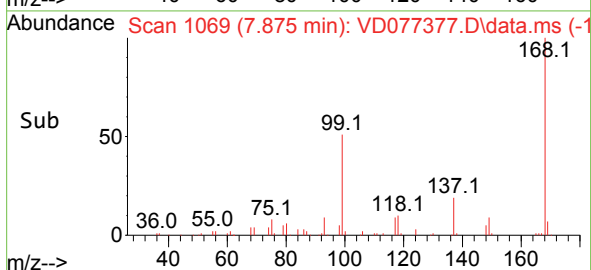
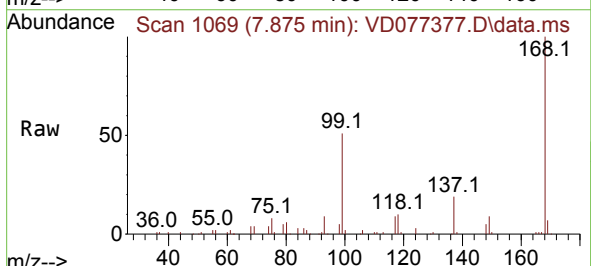
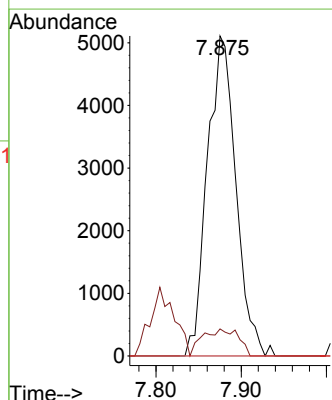
Tgt Ion: 75 Resp: 11903

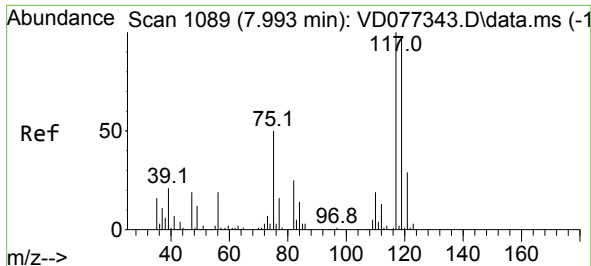
Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.6#

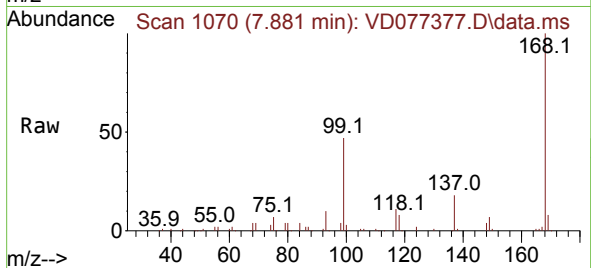
77 0.0 24.7 37.1#



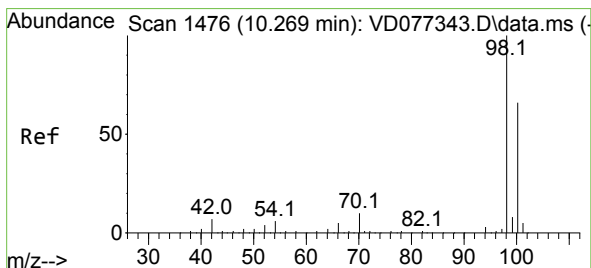
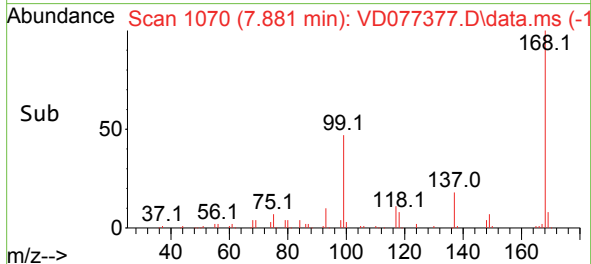
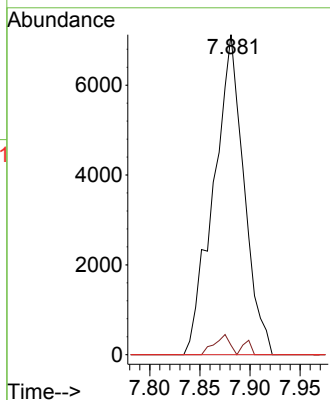


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :

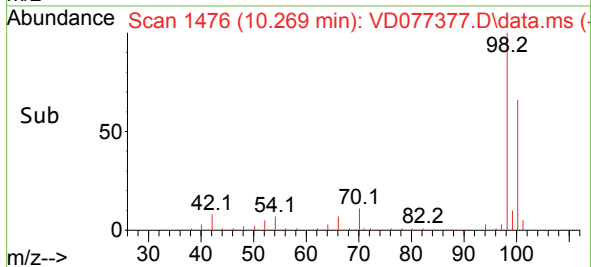
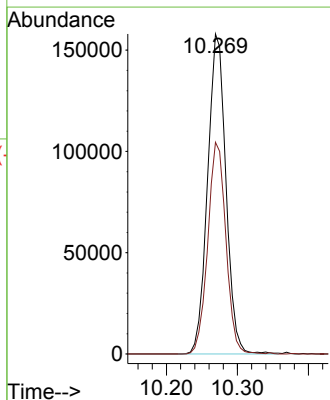
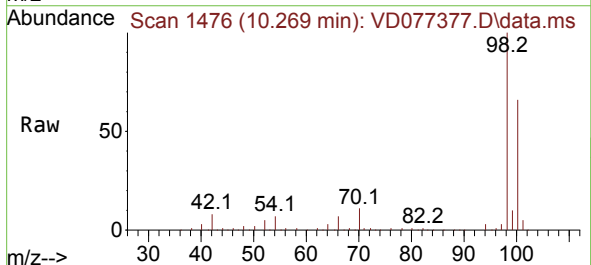


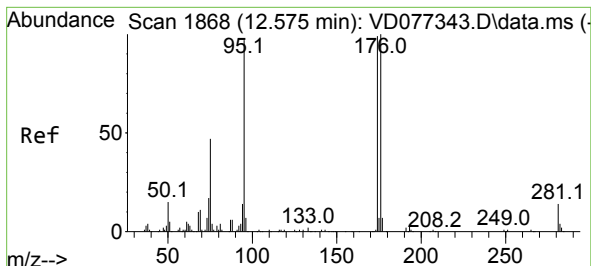
Tgt Ion:117 Resp: 14994
Ion Ratio Lower Upper
117 100
119 2.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.552 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Tgt Ion: 98 Resp: 283258
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

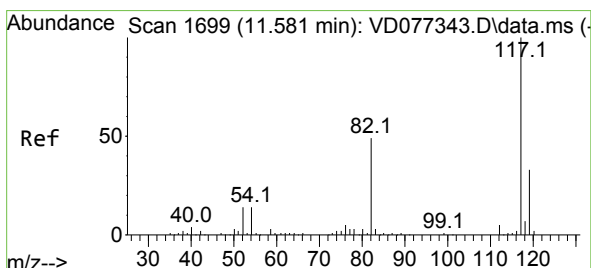
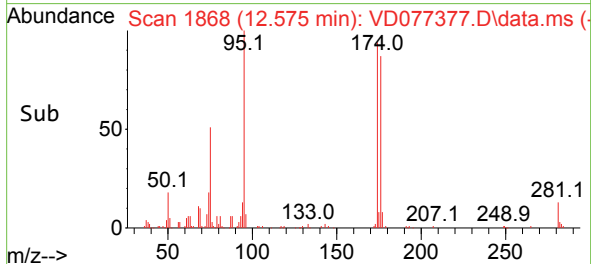
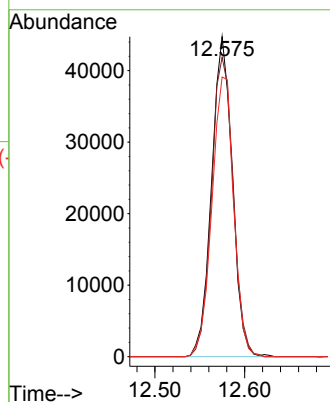
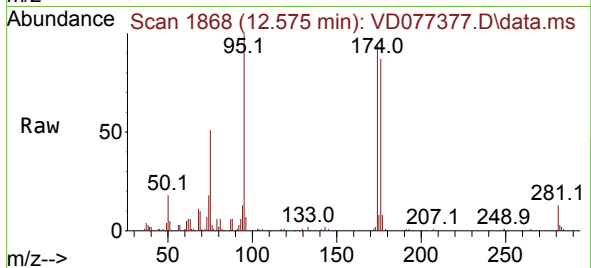




#62
4-Bromofluorobenzene
Concen: 34.790 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

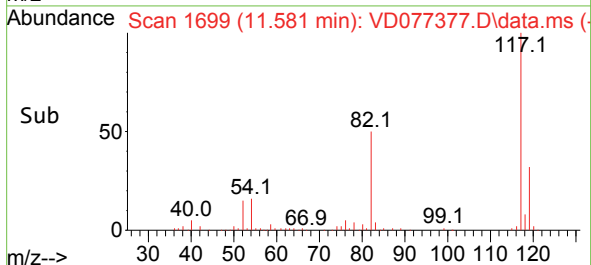
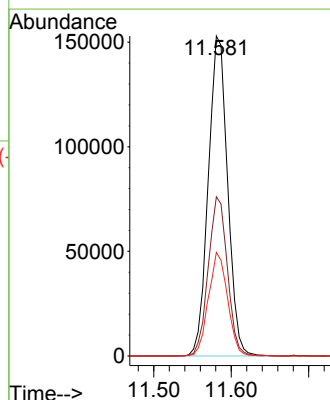
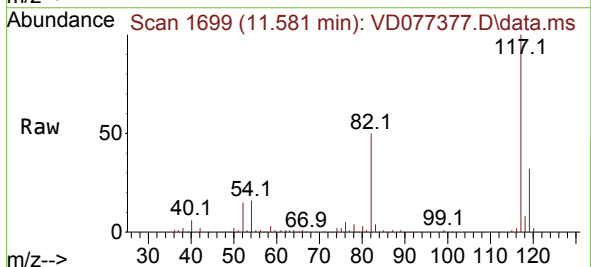
Instrument :
MSVOA_D
ClientSampleId :

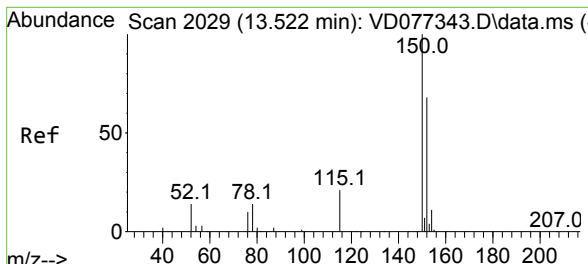
Tgt Ion: 95 Resp: 71721
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.8
176 91.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

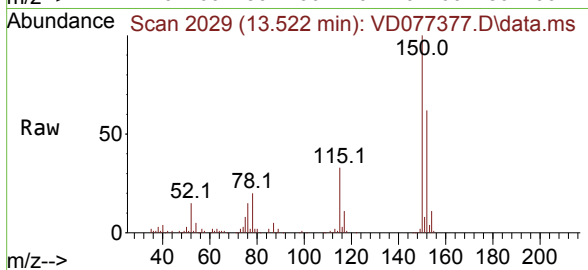
Tgt Ion: 117 Resp: 264624
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 32.3 25.0 37.4



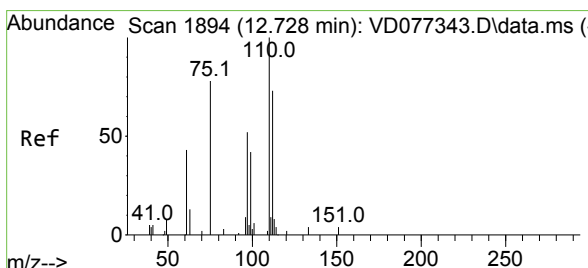
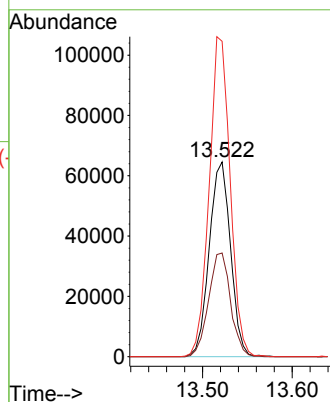
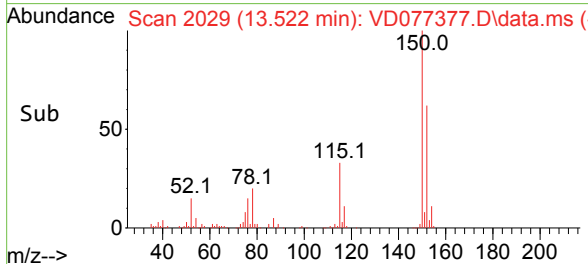


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077377.D
 Acq: 23 Oct 2023 11:28

Instrument :
 MSVOA_D
 ClientSampleId :

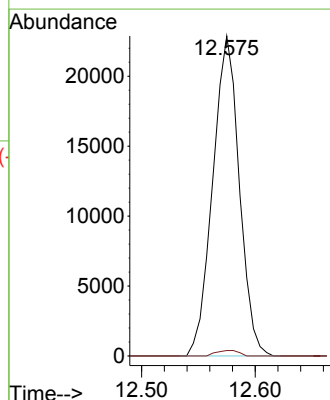
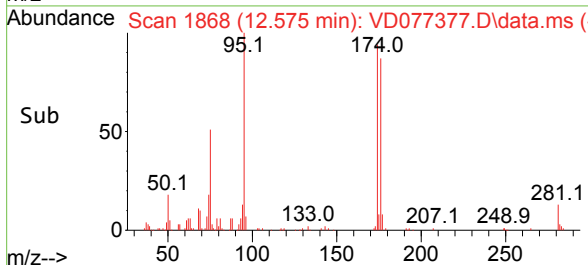
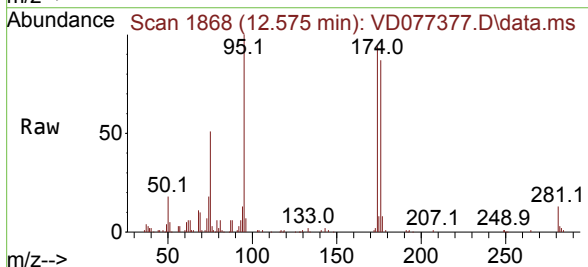


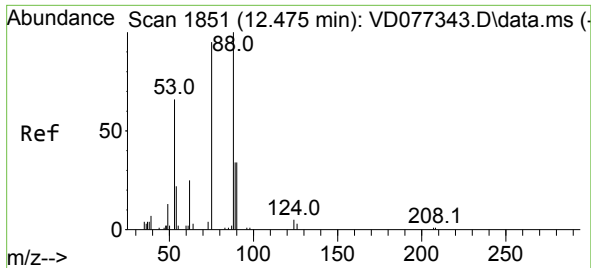
Tgt Ion:152 Resp: 106474
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 161.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 27.063 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077377.D
 Acq: 23 Oct 2023 11:28

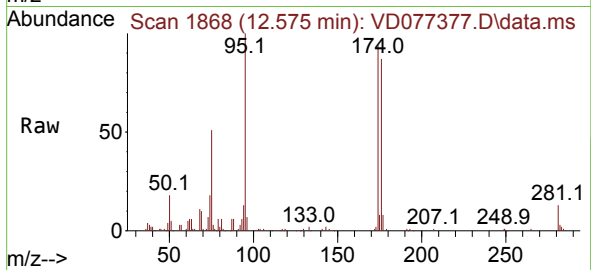
Tgt Ion: 75 Resp: 37197
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.610 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077377.D
 Acq: 23 Oct 2023 11:28

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 37197
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

