

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077360.D
 Acq On : 20 Oct 2023 11:45
 Operator : JC/SY
 Sample : VD1020SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 21 05:27:03 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)

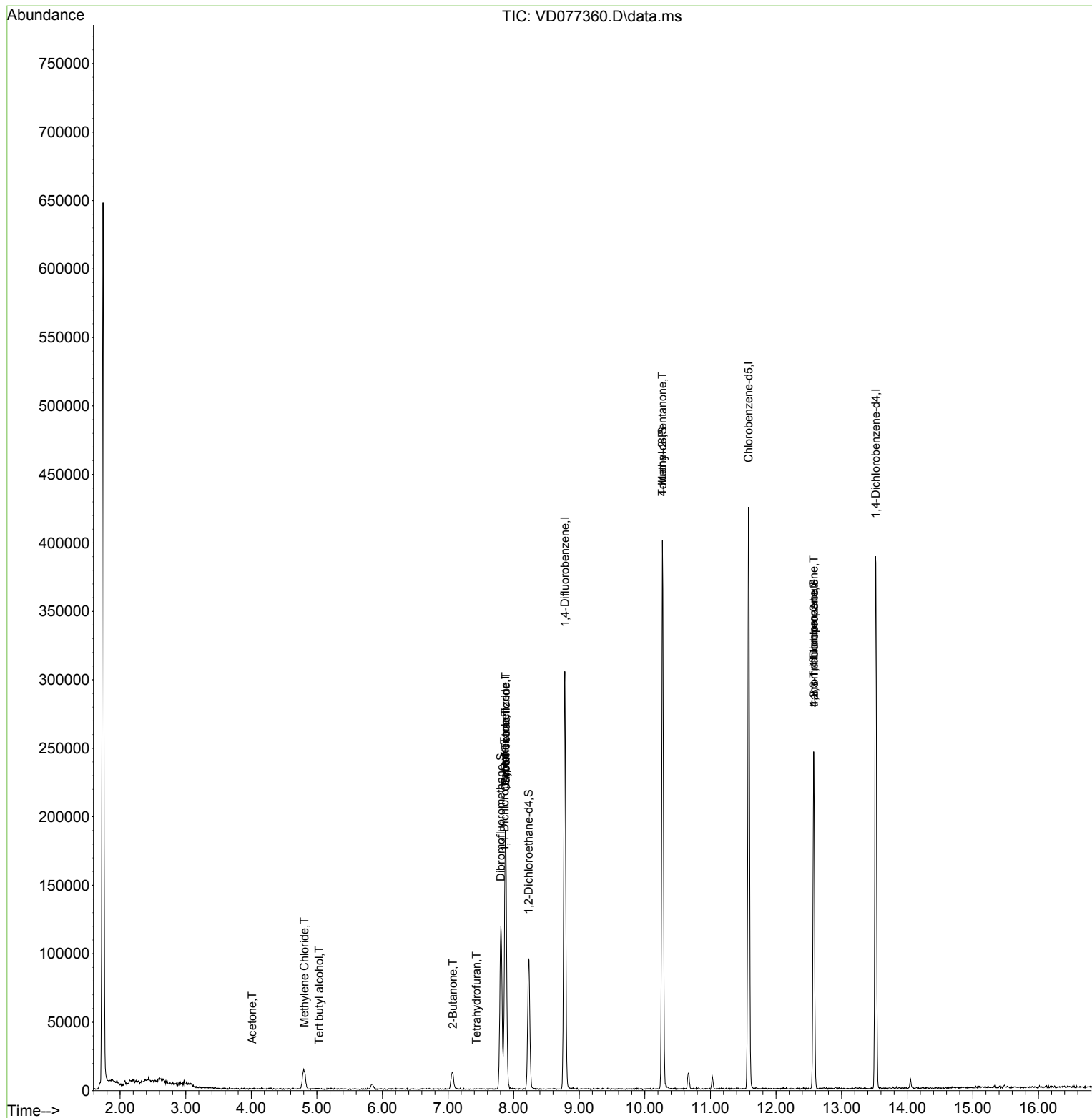
Internal Standards						
1) Pentafluorobenzene	7.875	168	152710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73950	54.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.805	113	88388	43.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.620%	
50) Toluene-d8	10.269	98	285184	39.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.940%	
62) 4-Bromofluorobenzene	12.575	95	71854	34.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	306	3.989	ug/l #	73
16) Acetone	4.016	43	325	1.087	ug/l #	32
20) Methylene Chloride	4.811	84	13920	3.229	ug/l #	91
25) 2-Butanone	7.075	43	517	1.667	ug/l #	37
29) Tetrahydrofuran	7.434	42	186	1.040	ug/l #	23
31) Cyclohexane	7.875	56	2761	1.301	ug/l #	19
36) 1,1-Dichloropropene	7.863	75	12214	4.608	ug/l #	39
38) Carbon Tetrachloride	7.881	117	14556	4.936	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	826	1.099	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	37516	25.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37516	85.908	ug/l #	17

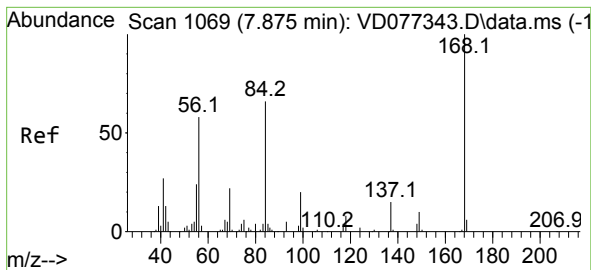
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
Data File : VD077360.D
Acq On : 20 Oct 2023 11:45
Operator : JC/SY
Sample : VD1020SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 21 05:27:03 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

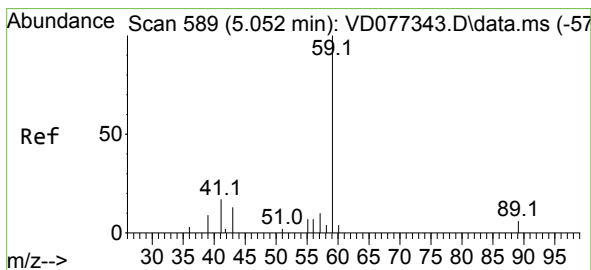
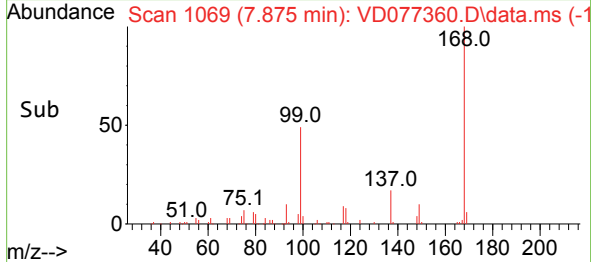
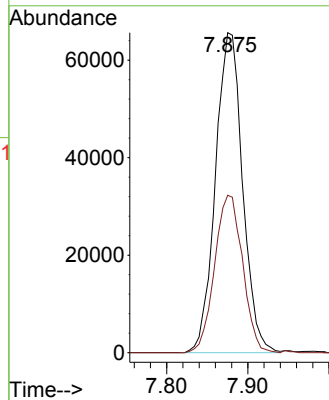
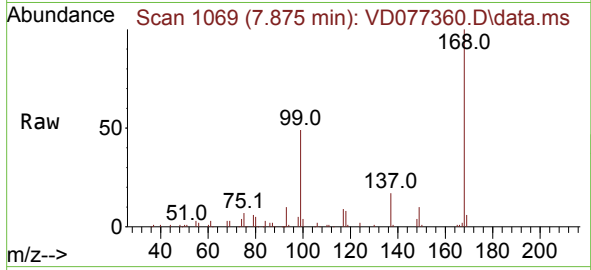




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

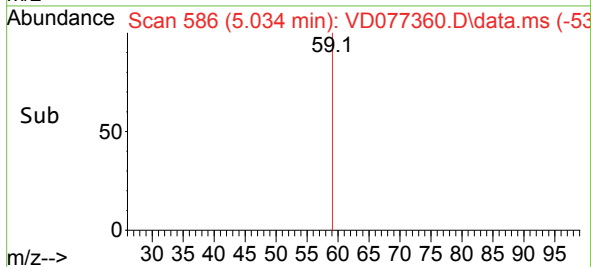
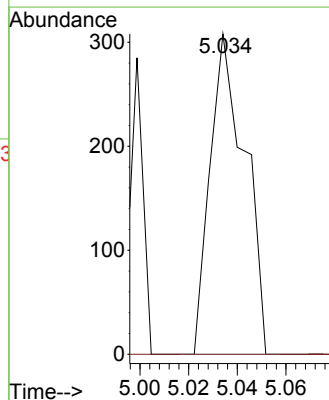
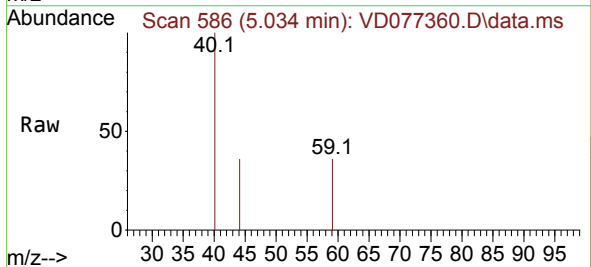
Instrument :
MSVOA_D
ClientSampleId :

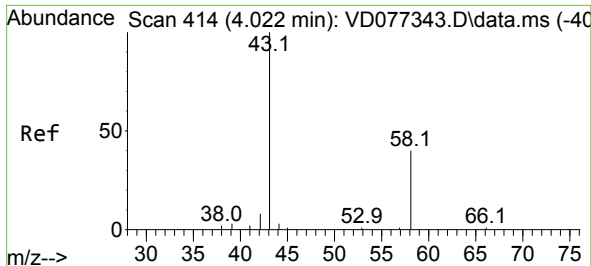
Tgt Ion:168 Resp: 152710
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#11
Tert butyl alcohol
Concen: 3.989 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

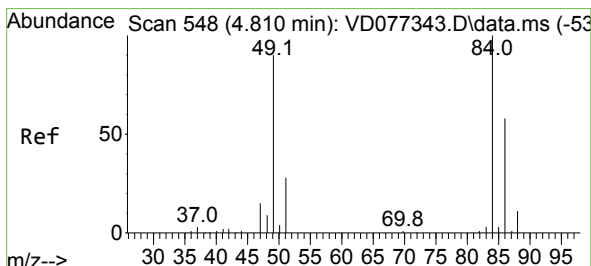
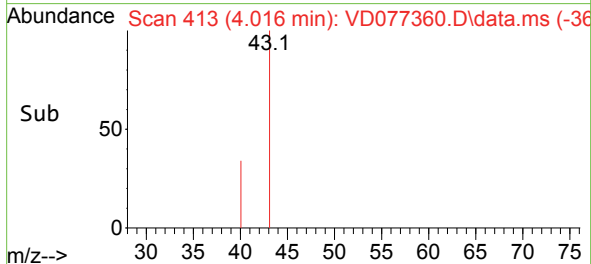
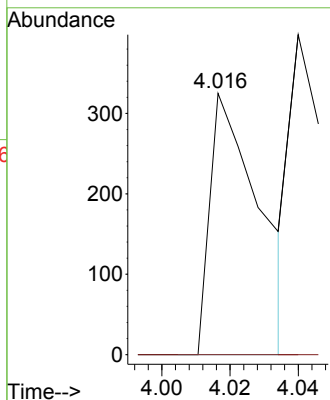
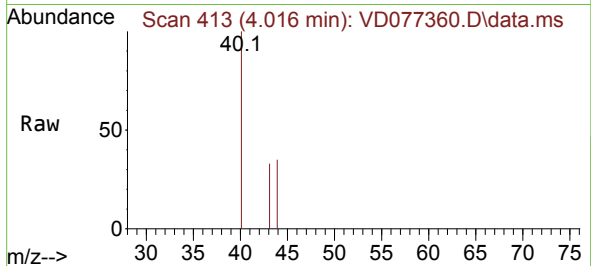




#16
Acetone
Concen: 1.087 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

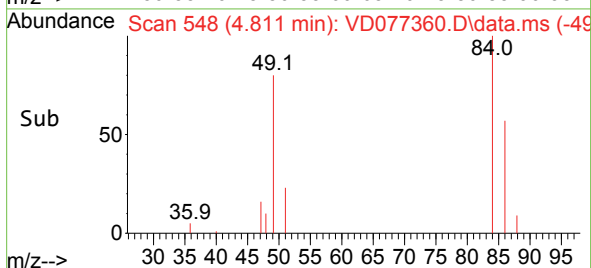
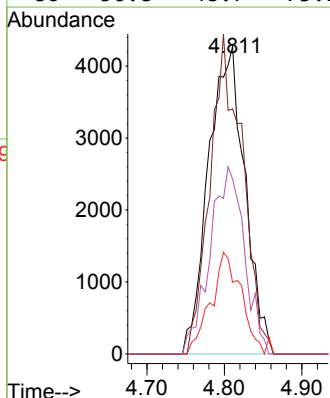
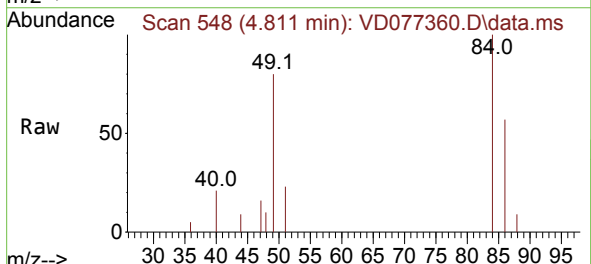
Instrument :
MSVOA_D
ClientSampleId :

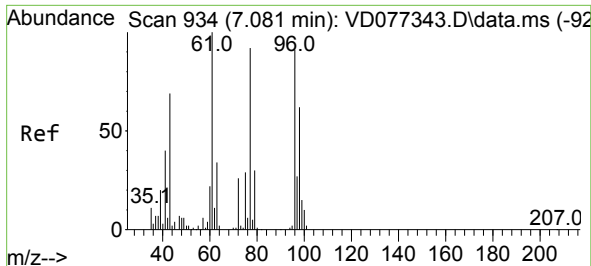
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 3.229 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.001 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

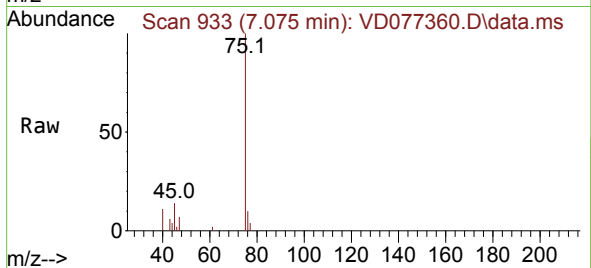
Tgt Ion: 84 Resp: 13920
Ion Ratio Lower Upper
84 100
49 79.7 71.4 107.2
51 23.3 24.5 36.7#
86 56.8 48.7 73.1



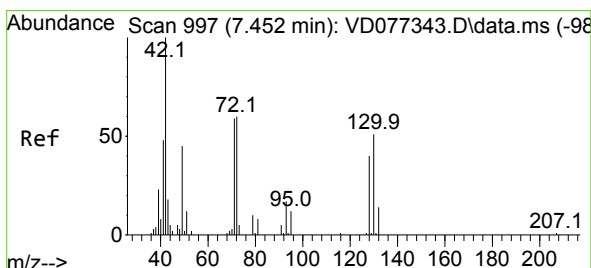
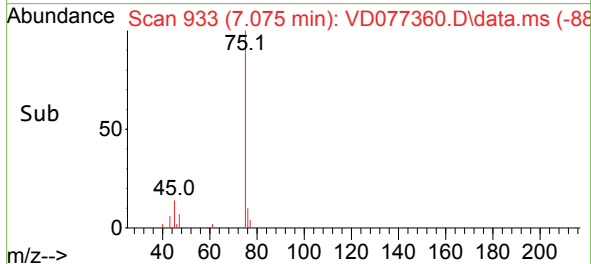
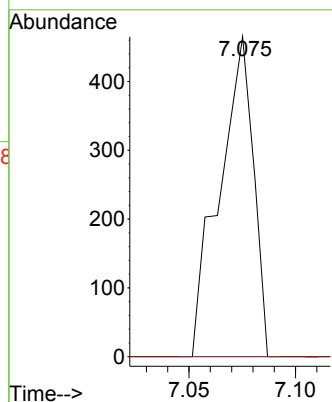


#25
2-Butanone
Concen: 1.667 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :

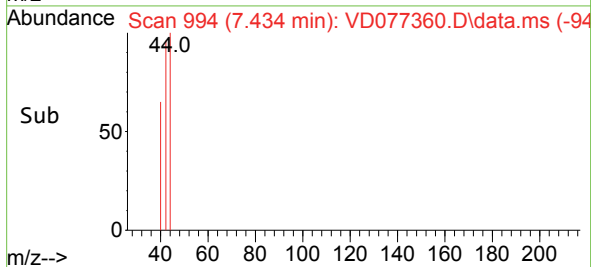
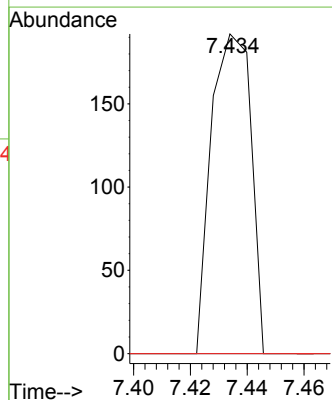
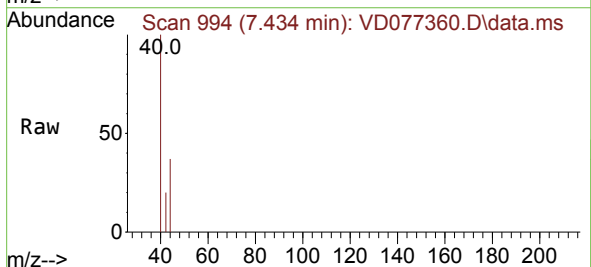


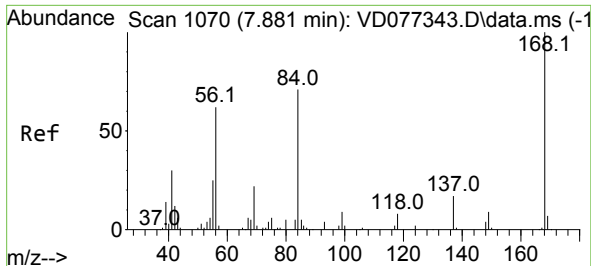
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#29
Tetrahydrofuran
Concen: 1.040 ug/l
RT: 7.434 min Scan# 994
Delta R.T. -0.018 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

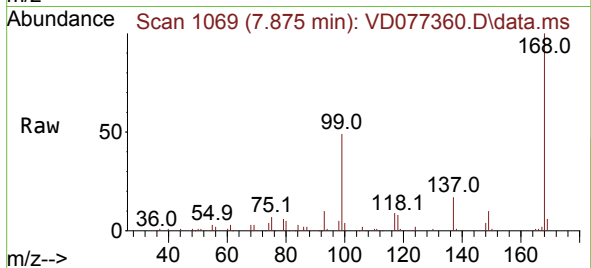
Tgt Ion: 42 Resp: 186
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#



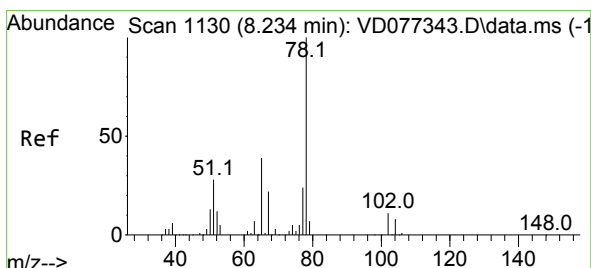
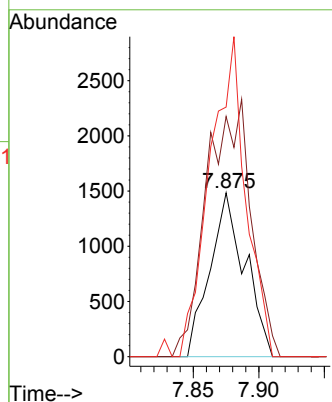
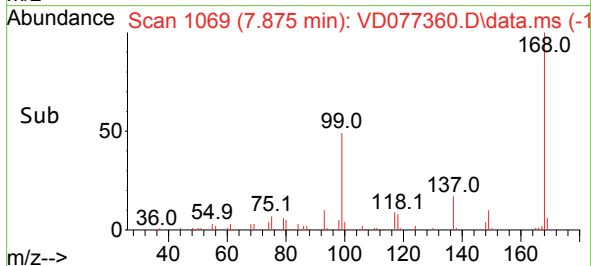


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :

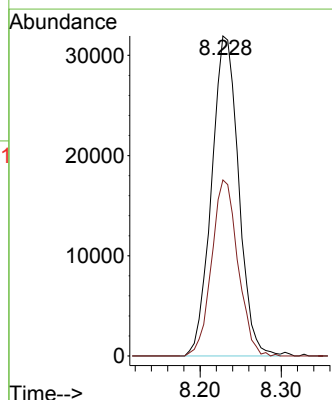
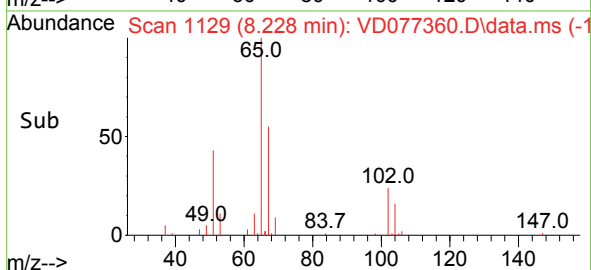
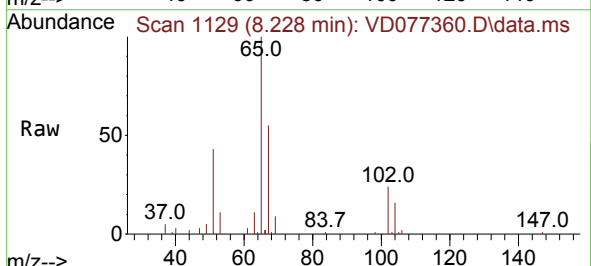


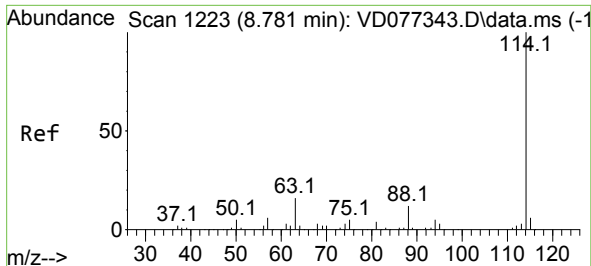
Tgt Ion: 56 Resp: 2761
Ion Ratio Lower Upper
56 100
69 146.6 28.6 43.0#
84 152.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 54.231 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion: 65 Resp: 73950
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0

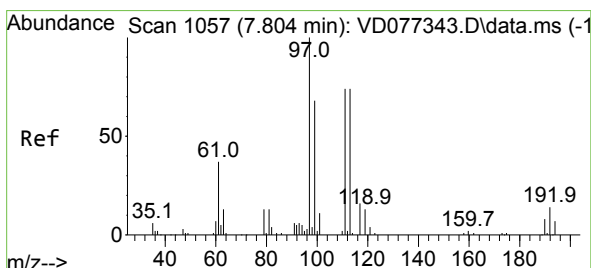
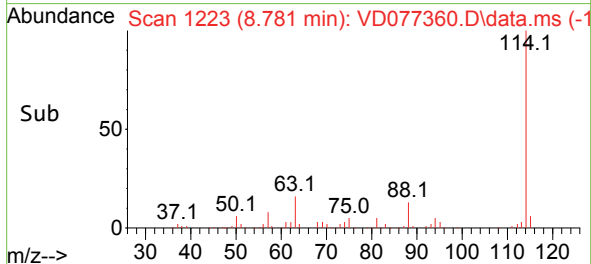
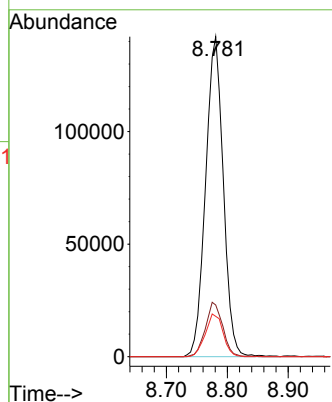
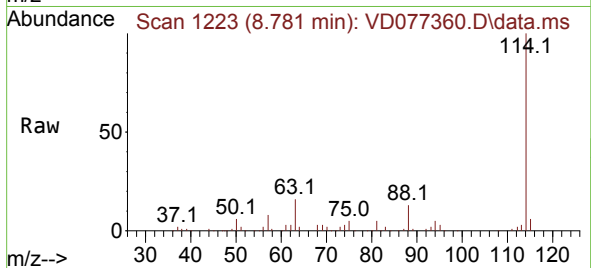




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

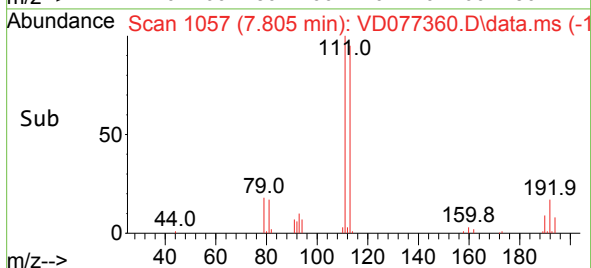
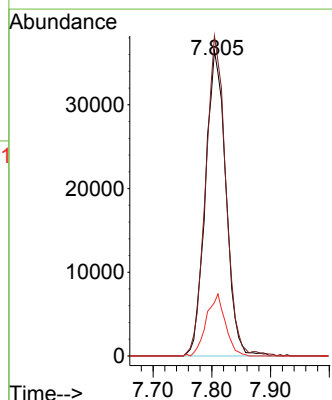
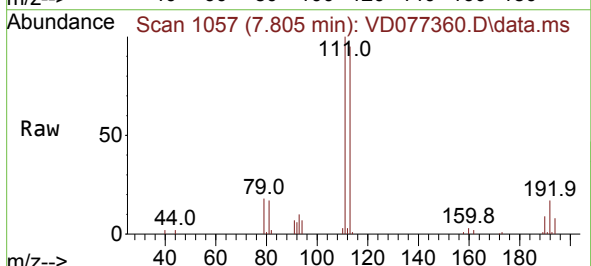
Instrument :
MSVOA_D
ClientSampleId :

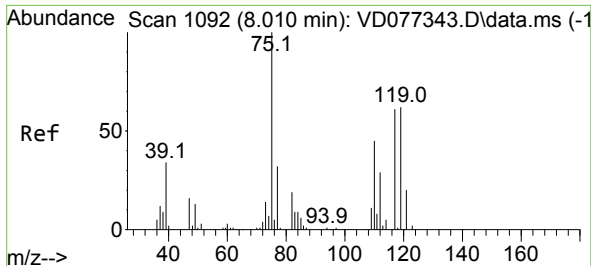
Tgt Ion:114 Resp: 287154
Ion Ratio Lower Upper
114 100
63 16.1 0.0 33.4
88 12.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.813 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion:113 Resp: 88388
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.147 min

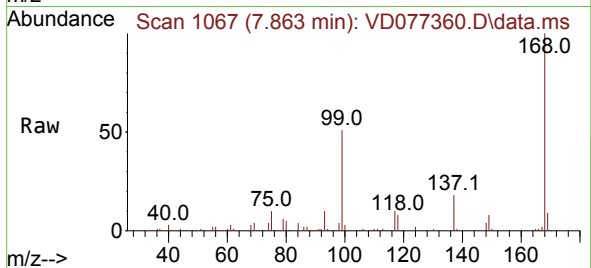
Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

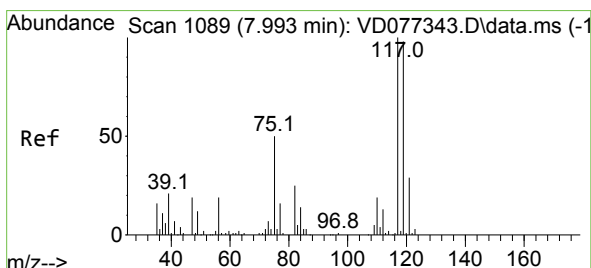
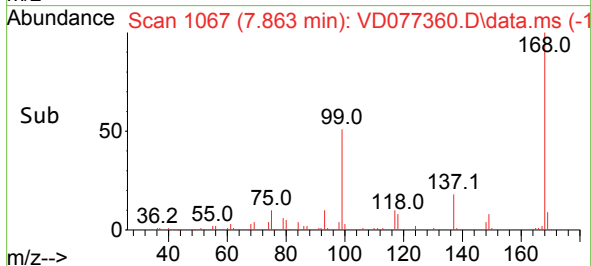
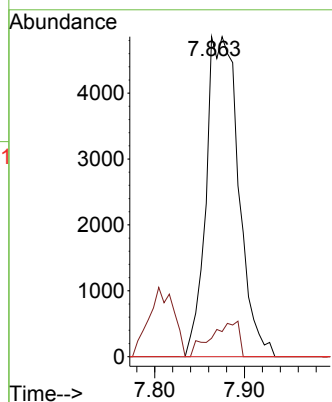
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 12214
Ion Ratio	Lower Upper
75	100
110	0.0 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.936 ug/l

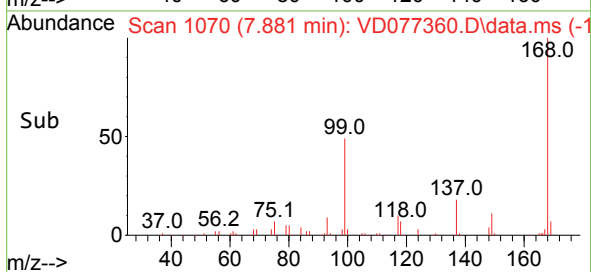
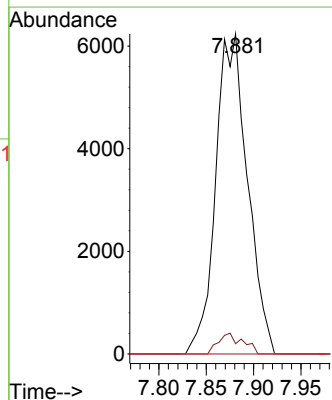
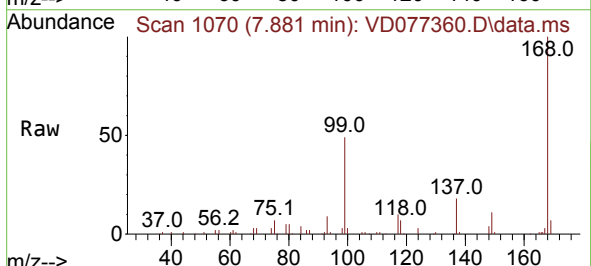
RT: 7.881 min Scan# 1070

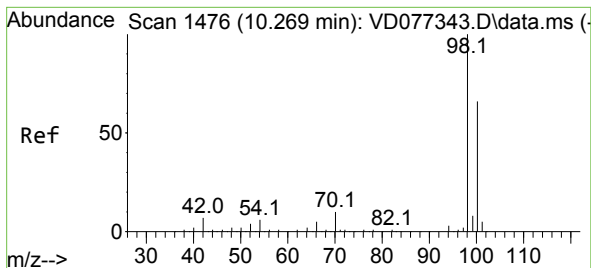
Delta R.T. -0.112 min

Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

Tgt Ion: 117	Resp: 14556
Ion Ratio	Lower Upper
117	100
119	3.2 78.0 117.0#
121	0.0 24.2 36.2#

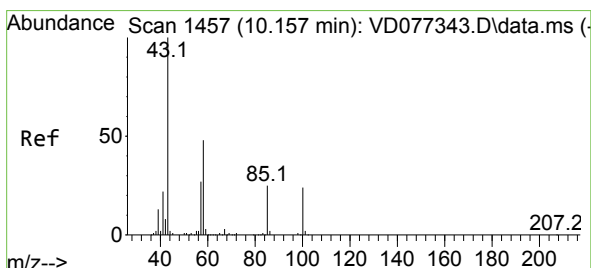
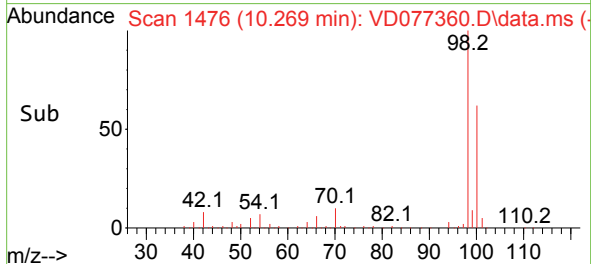
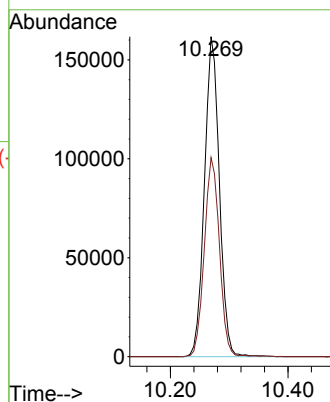
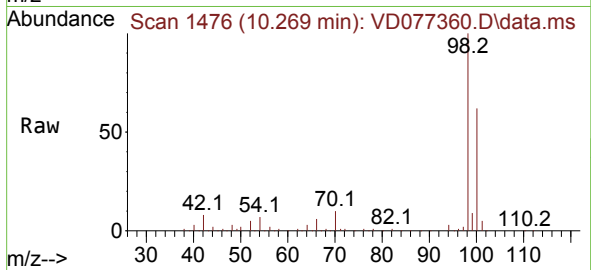




#50
Toluene-d8
Concen: 39.472 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

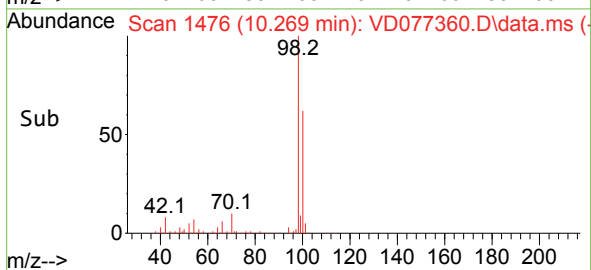
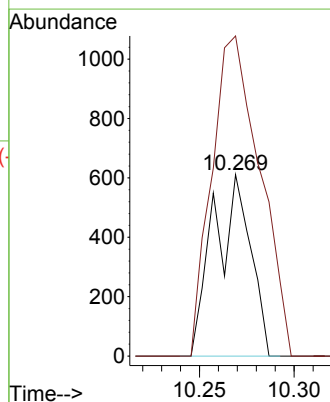
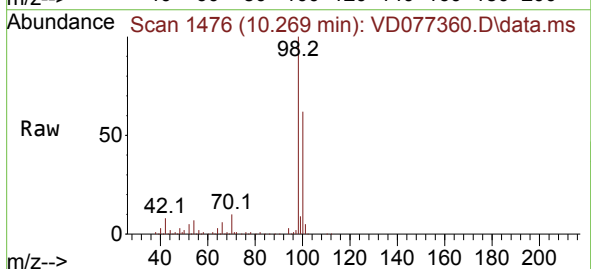
Instrument :
MSVOA_D
ClientSampleId :

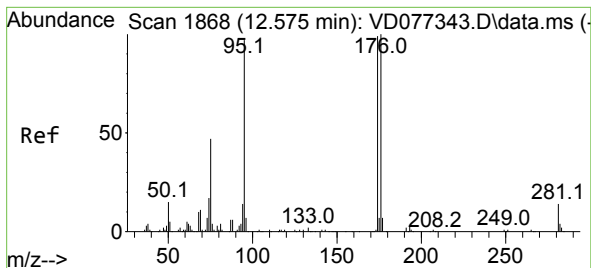
Tgt Ion: 98 Resp: 285184
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 231.1 38.9 58.3#

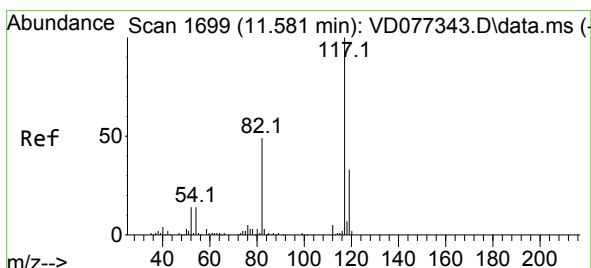
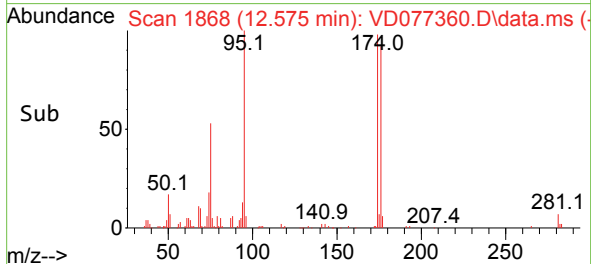
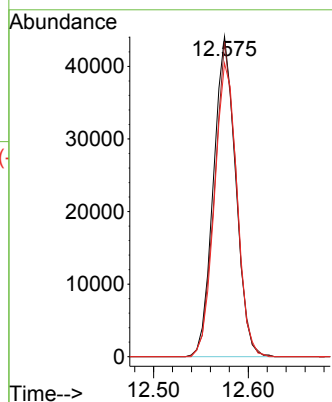
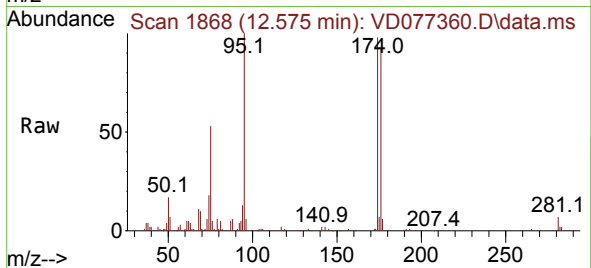




#62
4-Bromofluorobenzene
Concen: 34.549 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

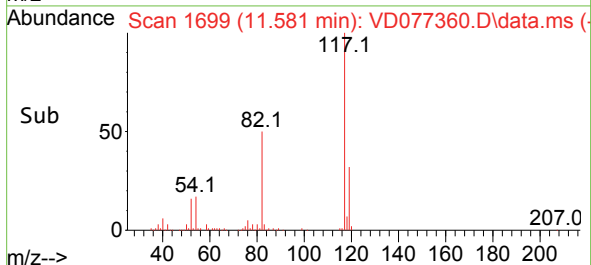
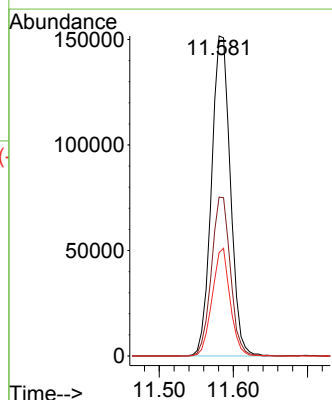
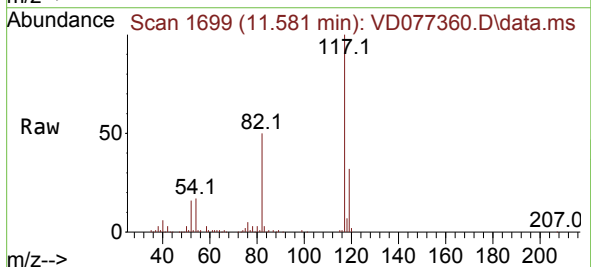
Instrument :
MSVOA_D
ClientSampleId :

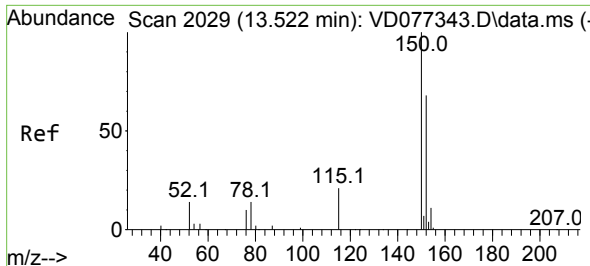
Tgt Ion: 95 Resp: 71854
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 93.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

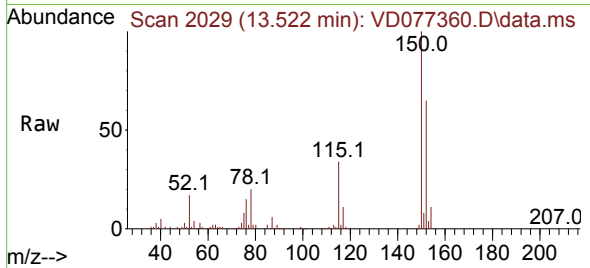
Tgt Ion: 117 Resp: 268550
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 32.3 25.0 37.4



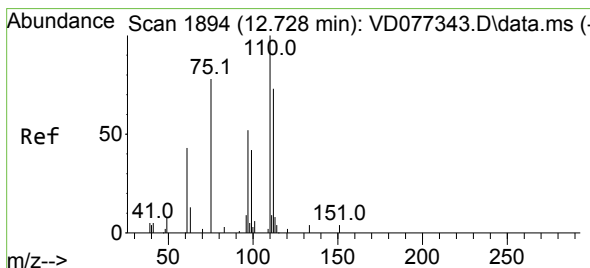
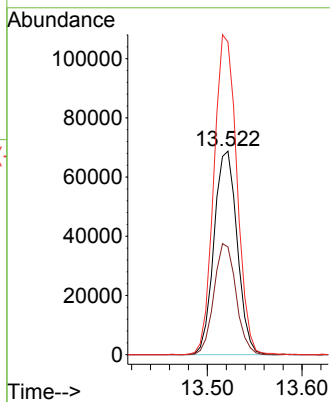
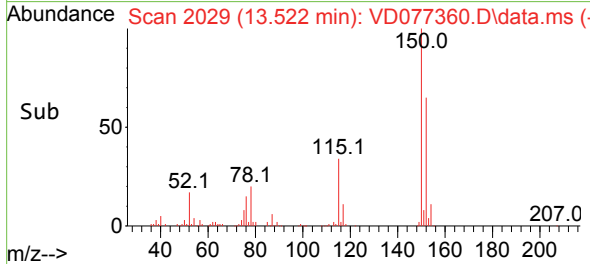


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077360.D
 Acq: 20 Oct 2023 11:45

Instrument :
 MSVOA_D
 ClientSampleId :

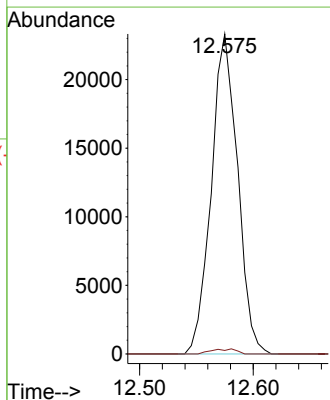
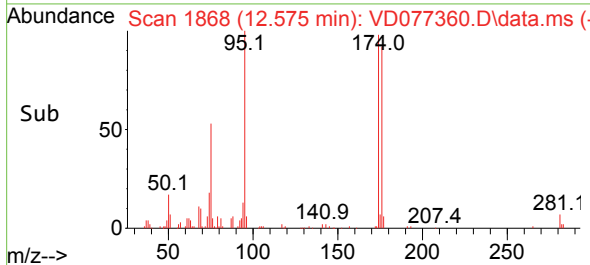
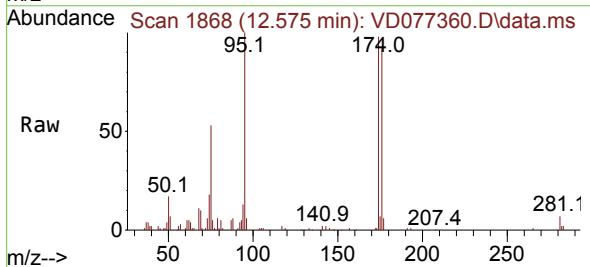


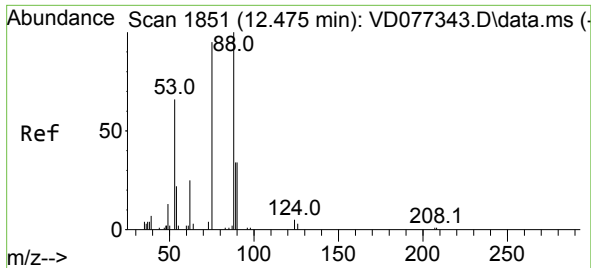
Tgt Ion:152 Resp: 117015
 Ion Ratio Lower Upper
 152 100
 115 52.1 27.1 81.3
 150 156.0 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 25.062 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077360.D
 Acq: 20 Oct 2023 11:45

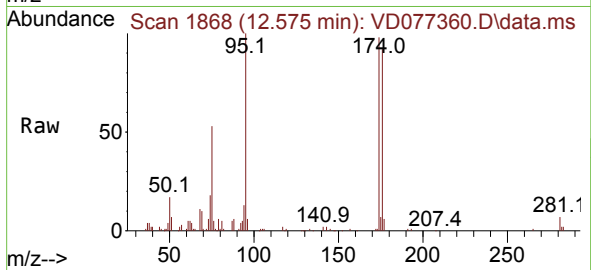
Tgt Ion: 75 Resp: 37516
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.908 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077360.D
 Acq: 20 Oct 2023 11:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.2	37.9	56.9#

