

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077354.D
 Acq On : 19 Oct 2023 15:01
 Operator : JC/SY
 Sample : 04879-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 20 02:07:54 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)

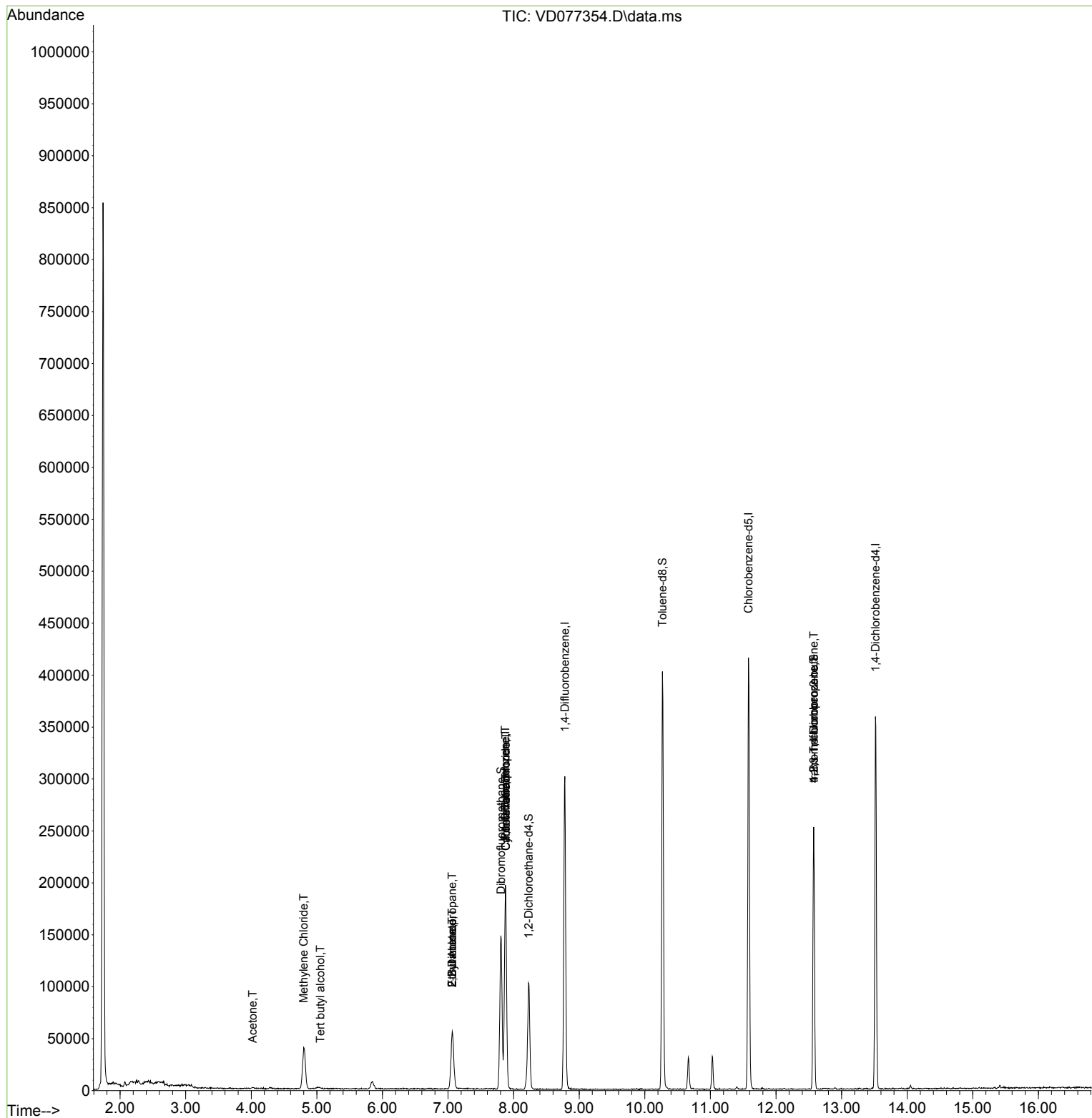
Internal Standards						
1) Pentafluorobenzene	7.875	168	154494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	277887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75875	55.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.810	113	109761	56.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.269	98	291363	41.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.340%
62) 4-Bromofluorobenzene	12.575	95	74481	37.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	1071	13.801	ug/l #	73
16) Acetone	4.022	43	956	3.160	ug/l	88
20) Methylene Chloride	4.799	84	34856	15.771	ug/l	98
25) 2-Butanone	7.063	43	2397	7.638	ug/l #	70
26) 2,2-Dichloropropane	7.063	77	4333	1.725	ug/l #	49
31) Cyclohexane	7.881	56	3085	1.437	ug/l #	39
36) 1,1-Dichloropropene	7.875	75	13176	5.136	ug/l #	46
37) Ethyl Acetate	7.063	43	2397	2.975	ug/l #	1
38) Carbon Tetrachloride	7.881	117	14886	5.216	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	38093	28.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38093	98.621	ug/l #	17

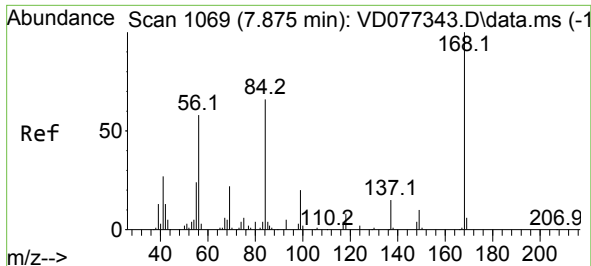
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
Data File : VD077354.D
Acq On : 19 Oct 2023 15:01
Operator : JC/SY
Sample : 04879-01
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 20 02:07:54 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

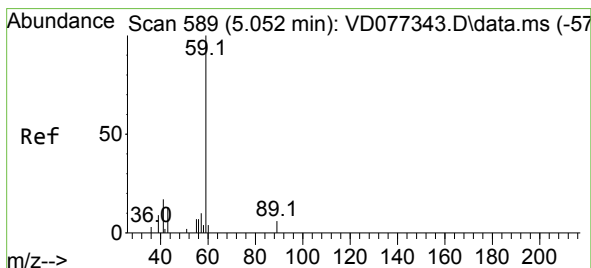
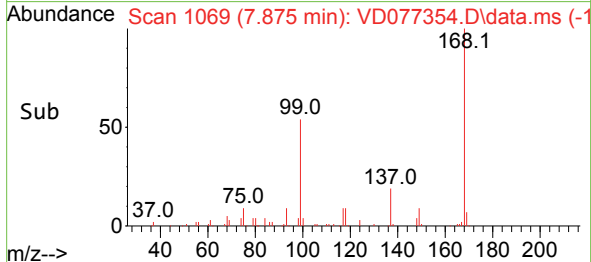
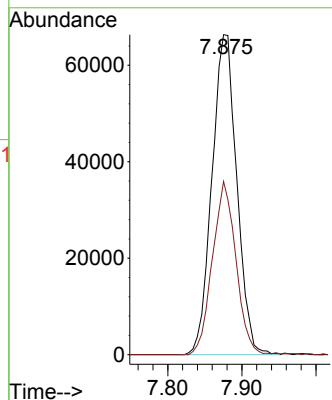
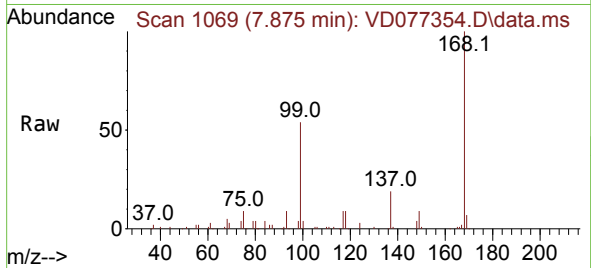




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

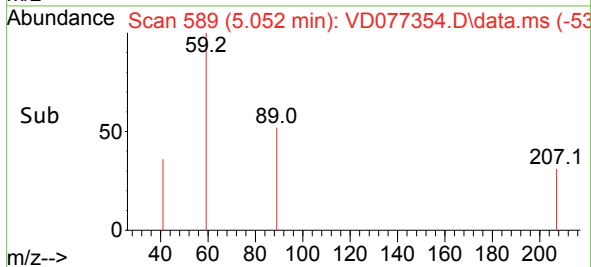
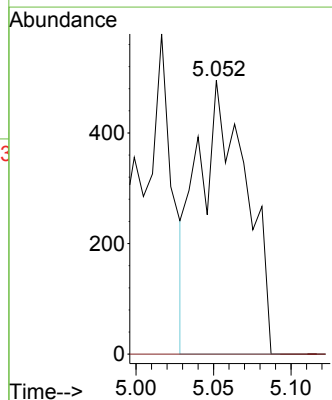
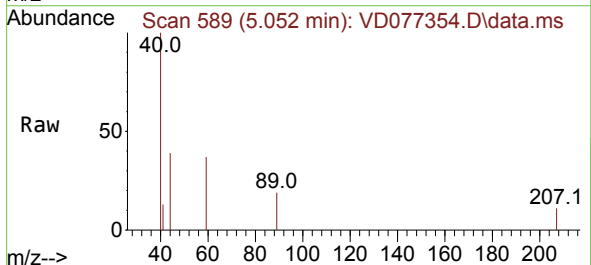
Instrument :
MSVOA_D
ClientSampleId :

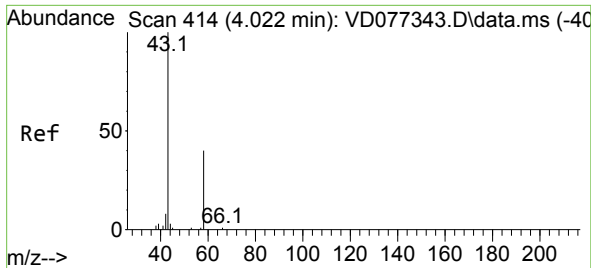
Tgt Ion:168 Resp: 154494
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#11
Tert butyl alcohol
Concen: 13.801 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 59 Resp: 1071
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

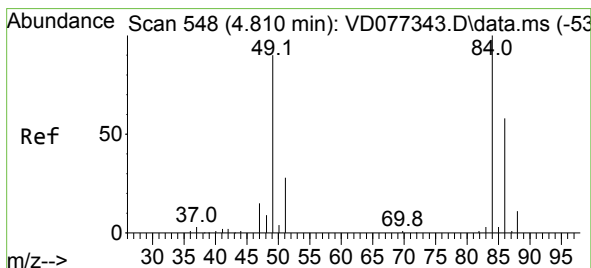
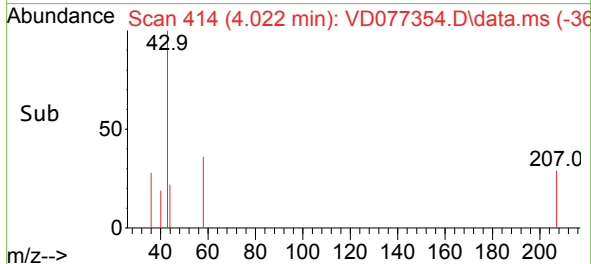
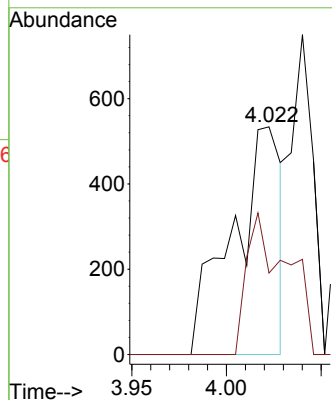
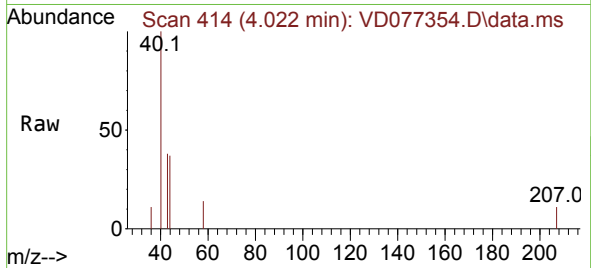




#16
Acetone
Concen: 3.160 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

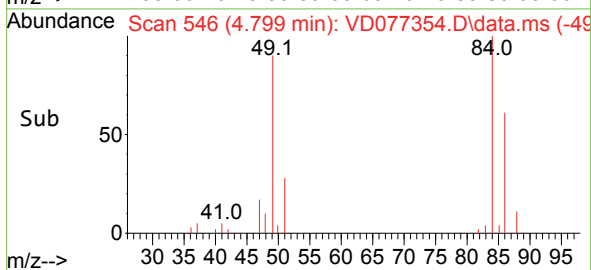
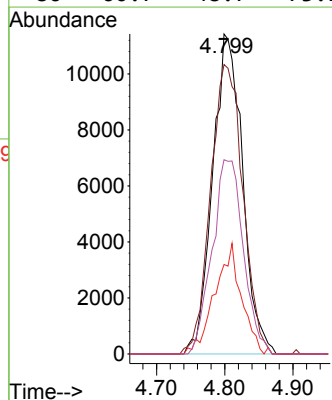
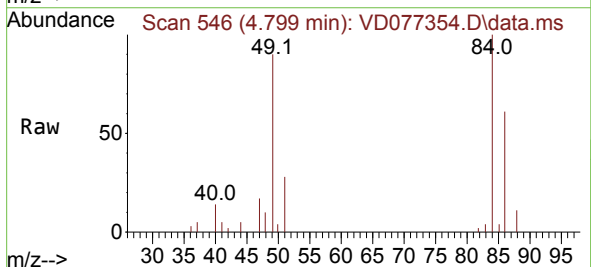
Instrument :
MSVOA_D
ClientSampleId :

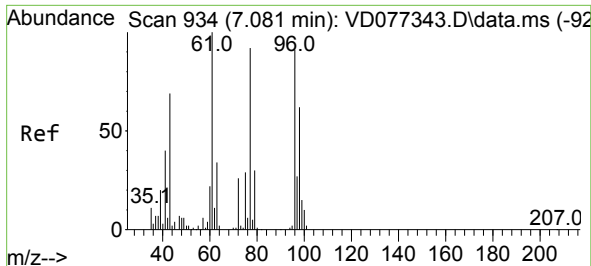
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 35.8 34.7 52.1



#20
Methylene Chloride
Concen: 15.771 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 84 Resp: 34856
Ion Ratio Lower Upper
84 100
49 90.5 71.4 107.2
51 28.0 24.5 36.7
86 60.7 48.7 73.1





#25

2-Butanone

Concen: 7.638 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.018 min

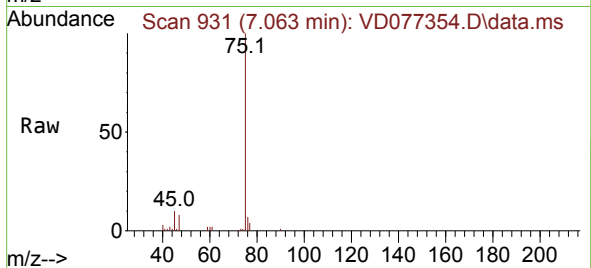
Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

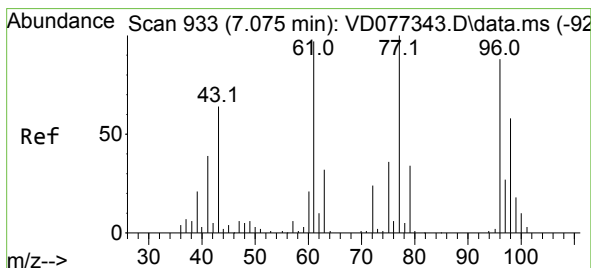
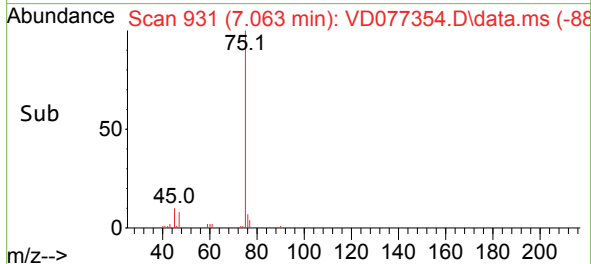
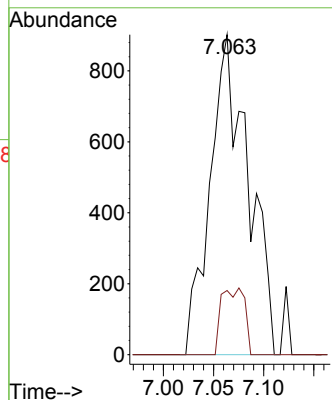


Tgt Ion: 43 Resp: 2397

Ion Ratio Lower Upper

43 100

72 20.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 1.725 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.012 min

Lab File: VD077354.D

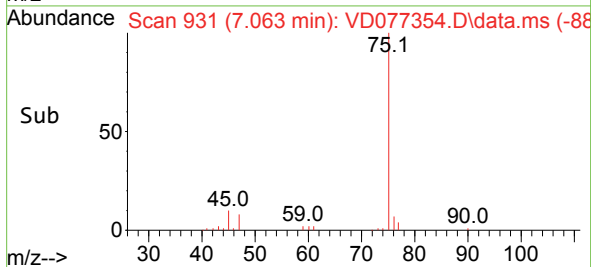
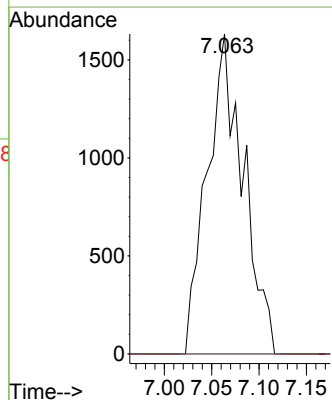
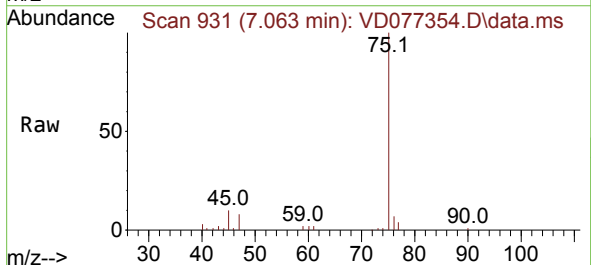
Acq: 19 Oct 2023 15:01

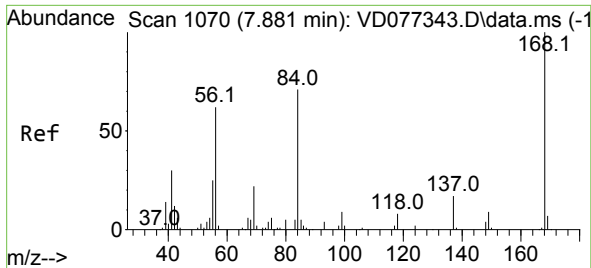
Tgt Ion: 77 Resp: 4333

Ion Ratio Lower Upper

77 100

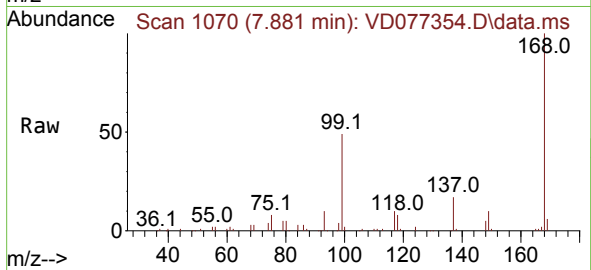
97 0.0 13.2 39.6#



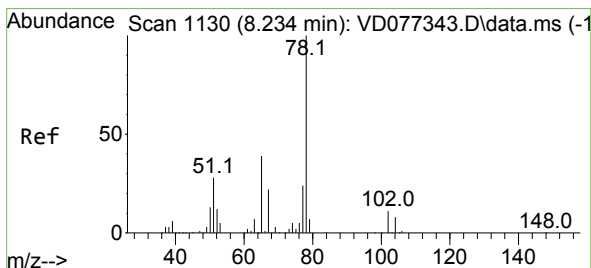
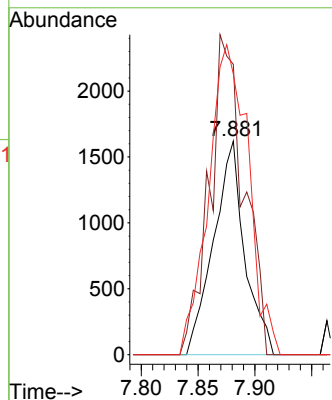
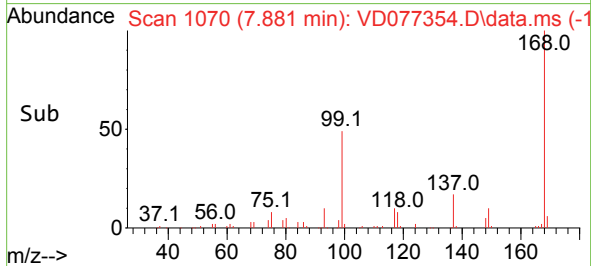


#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :

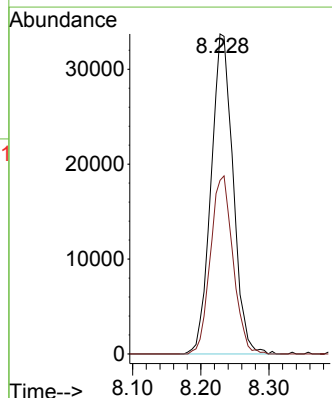
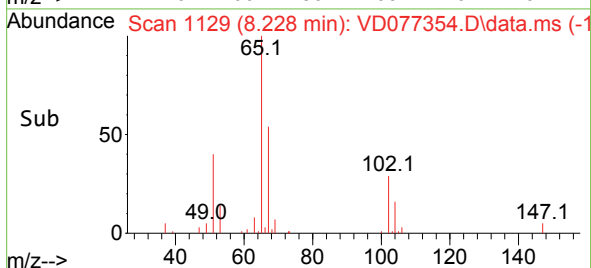
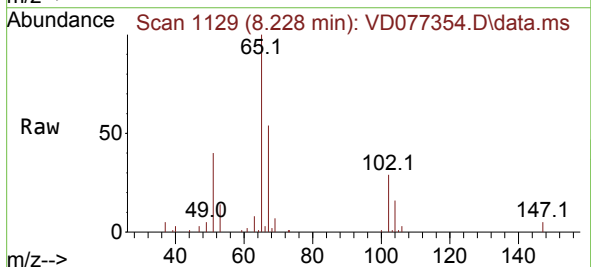


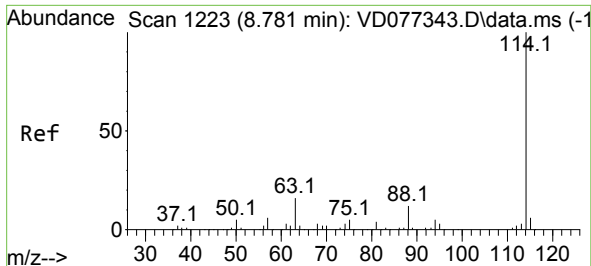
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 136.0 28.6 43.0#
84 131.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 55.000 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 65 Resp: 75875
Ion Ratio Lower Upper
65 100
67 56.9 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: VD077354.D

Acq: 19 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

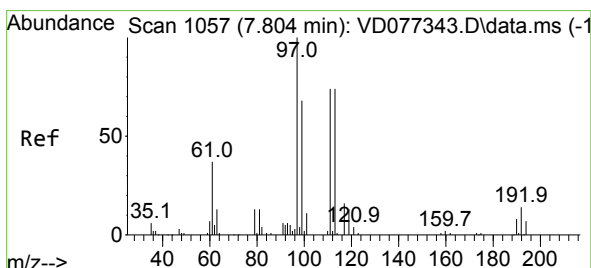
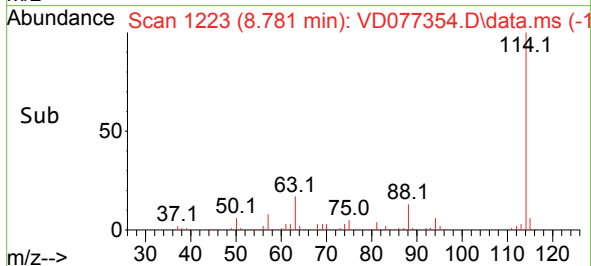
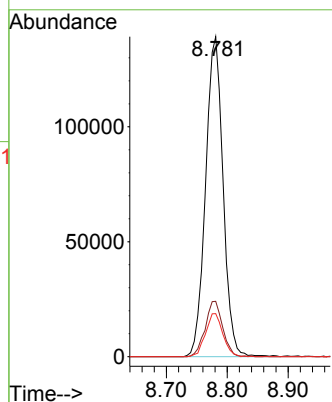
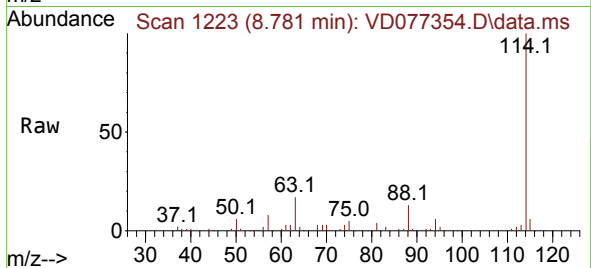
Tgt Ion:114 Resp: 277887

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.222 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

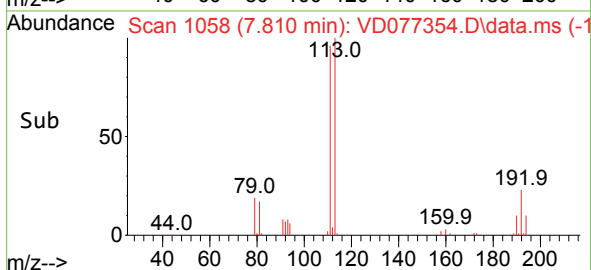
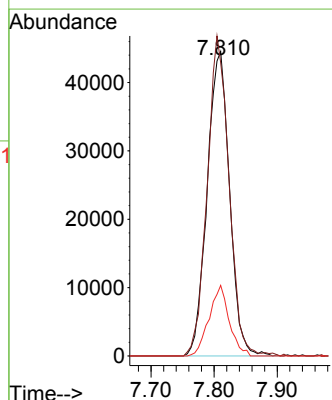
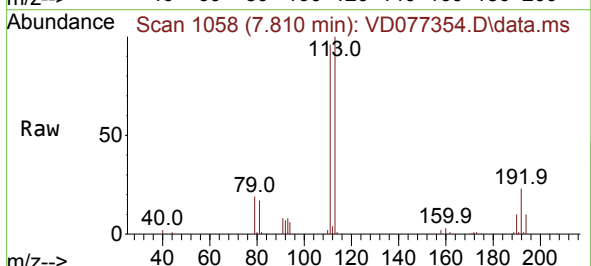
Tgt Ion:113 Resp: 109761

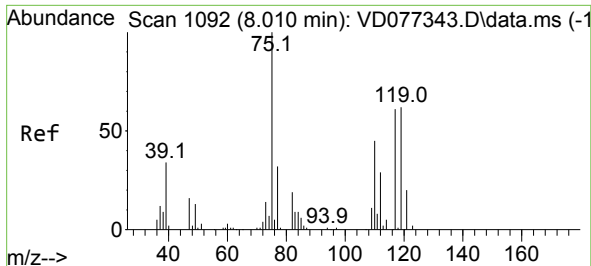
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 20.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 7.875 min Scan# 1092

Delta R.T. -0.135 min

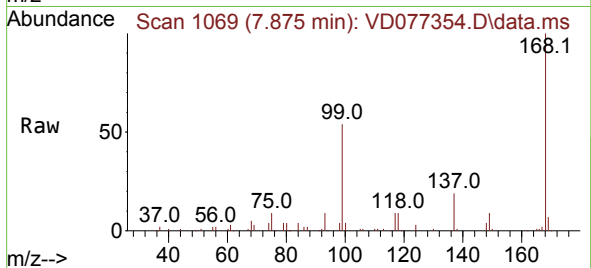
Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

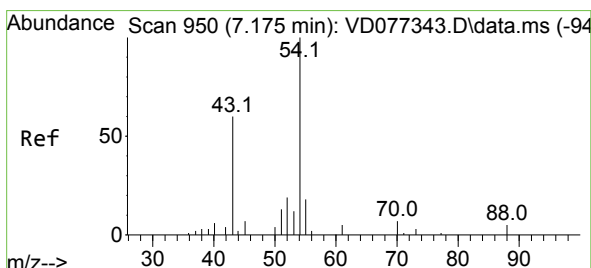
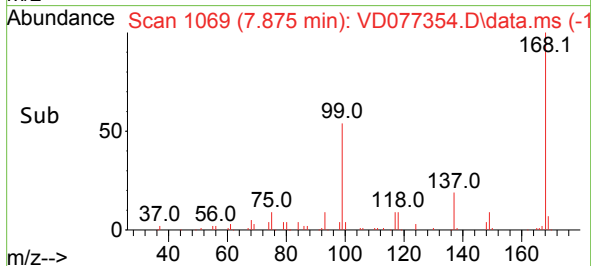
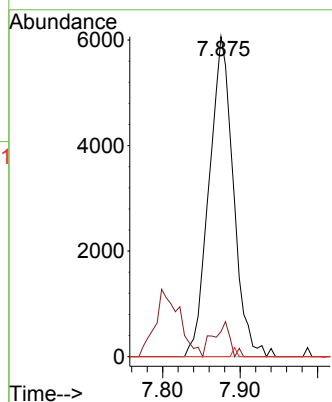
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 13176
Ion Ratio	Lower Upper
75	100
110	7.5 19.9 59.6#
77	0.5 24.7 37.1#



#37

Ethyl Acetate

Concen: 2.975 ug/l

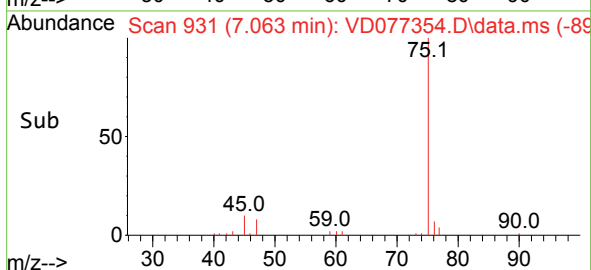
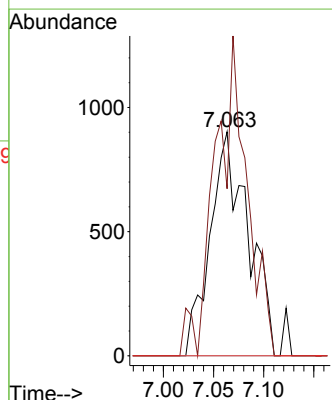
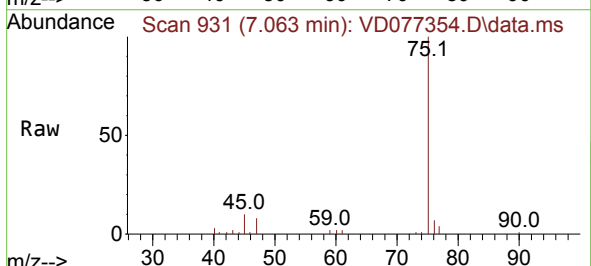
RT: 7.063 min Scan# 931

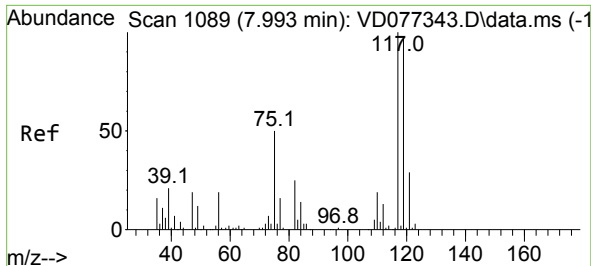
Delta R.T. -0.112 min

Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

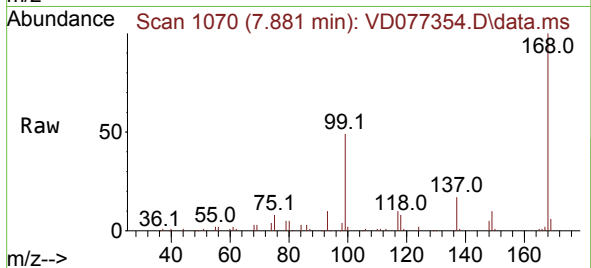
Tgt Ion: 43	Resp: 2397
Ion Ratio	Lower Upper
43	100
61	119.9 14.9 22.3#
70	0.0 10.0 15.0#



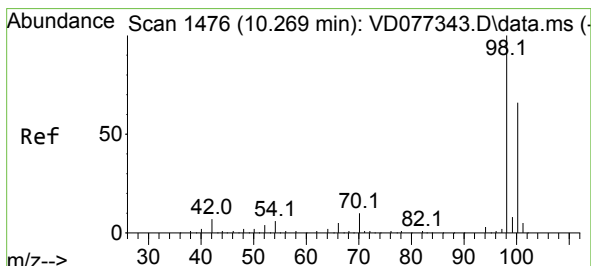
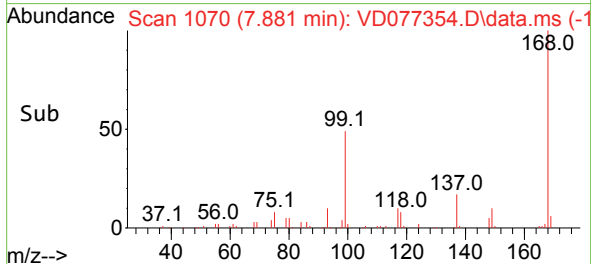
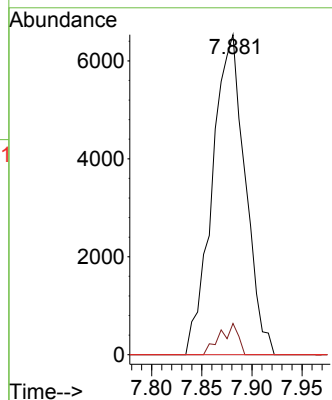


#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :

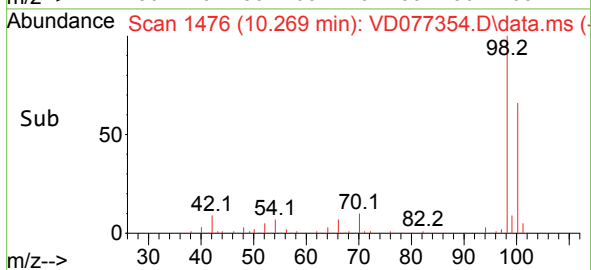
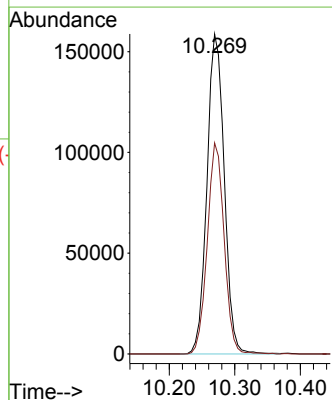
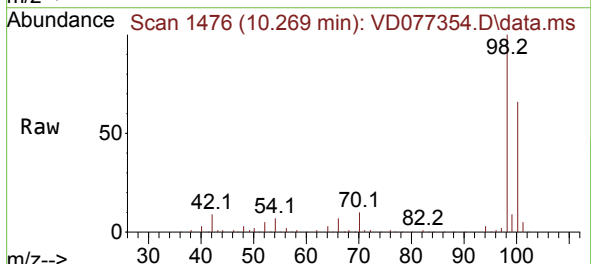


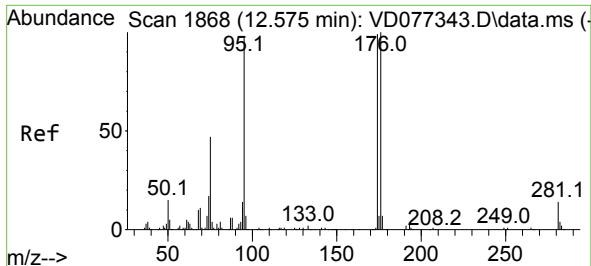
Tgt Ion:117 Resp: 14886
Ion Ratio Lower Upper
117 100
119 9.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.673 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 98 Resp: 291363
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

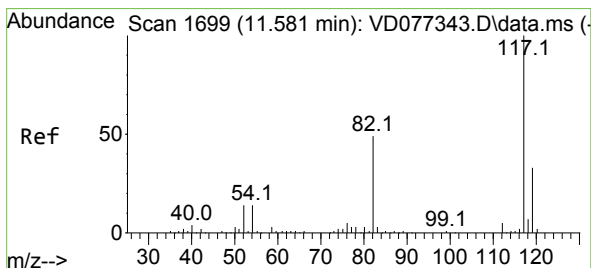
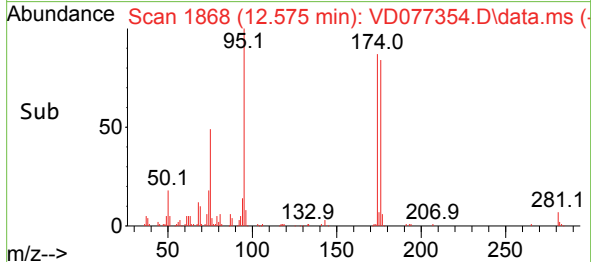
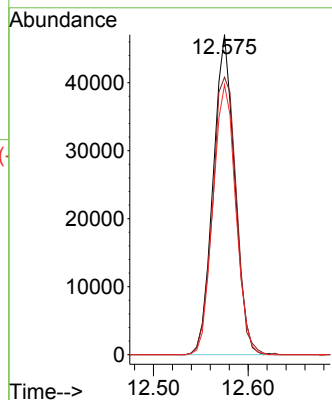
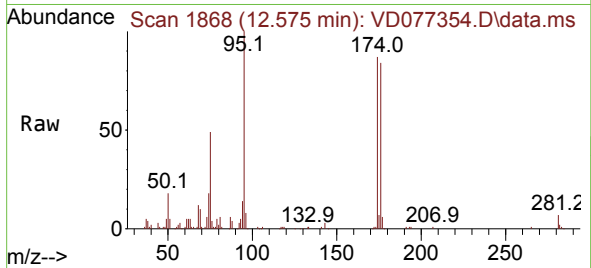




#62
4-Bromofluorobenzene
Concen: 37.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

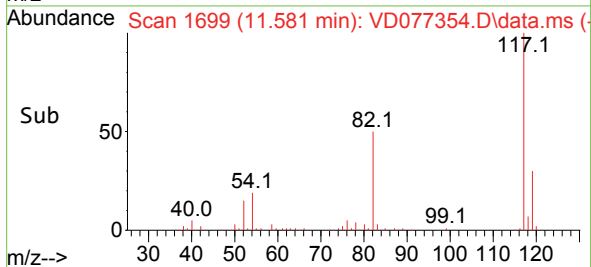
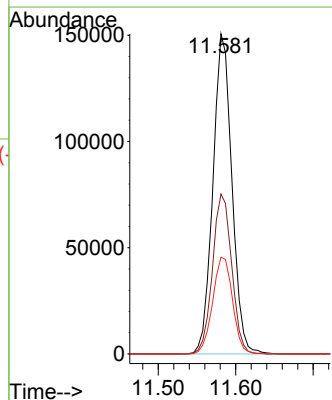
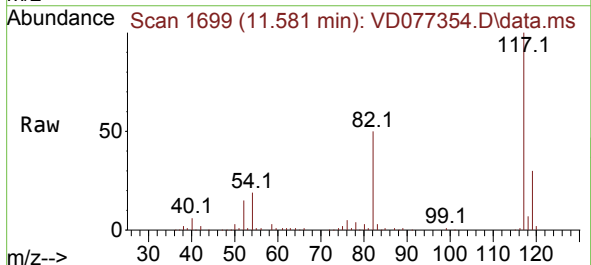
Instrument :
MSVOA_D
ClientSampleId :

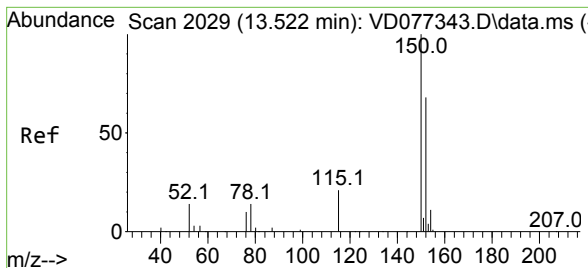
Tgt Ion: 95 Resp: 74481
Ion Ratio Lower Upper
95 100
174 96.1 0.0 201.8
176 89.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

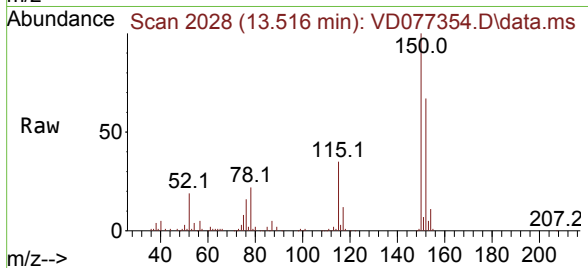
Tgt Ion: 117 Resp: 256649
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 30.3 25.0 37.4



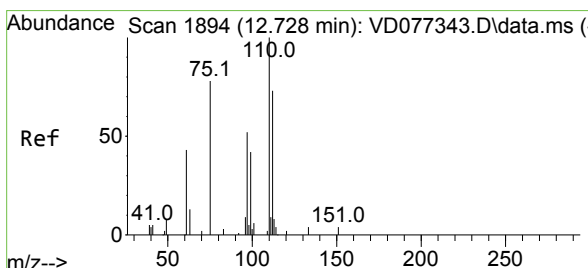
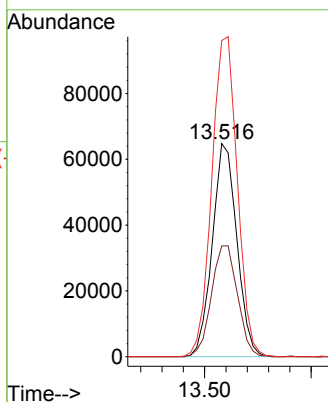
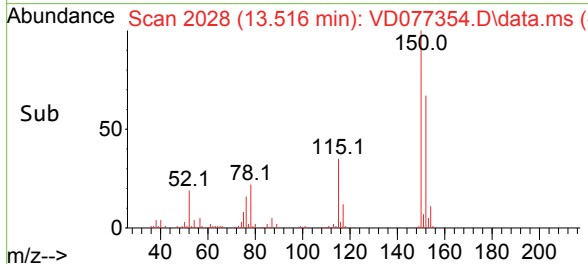


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD077354.D
 Acq: 19 Oct 2023 15:01

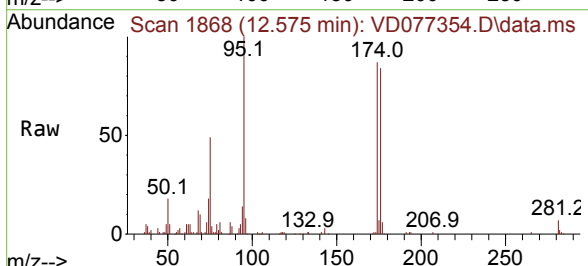
Instrument :
 MSVOA_D
 ClientSampleId :



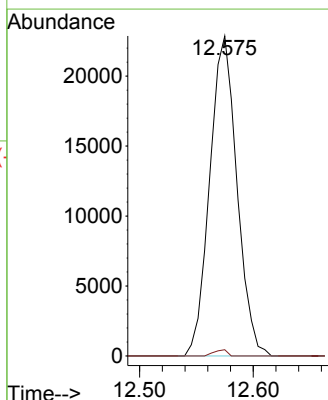
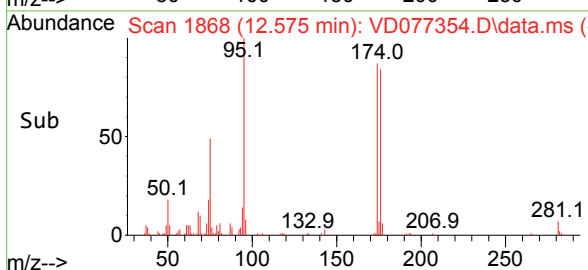
Tgt Ion:152 Resp: 103499
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 156.2 0.0 353.6

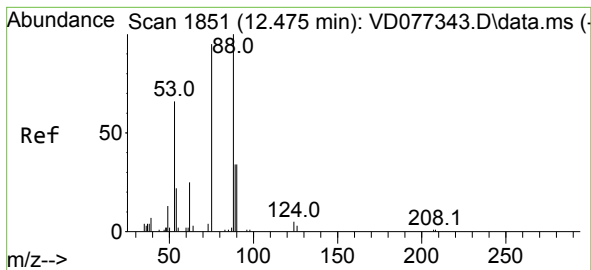


#76
 1,2,3-Trichloropropane
 Concen: 28.365 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077354.D
 Acq: 19 Oct 2023 15:01



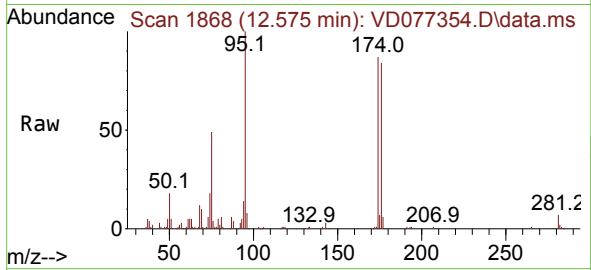
Tgt Ion: 75 Resp: 38093
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.621 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077354.D
 Acq: 19 Oct 2023 15:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 38093
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

