

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077365.D
 Acq On : 20 Oct 2023 15:35
 Operator : JC/SY
 Sample : 04984-01
 Misc : 4.30G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 21 05:29:56 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)

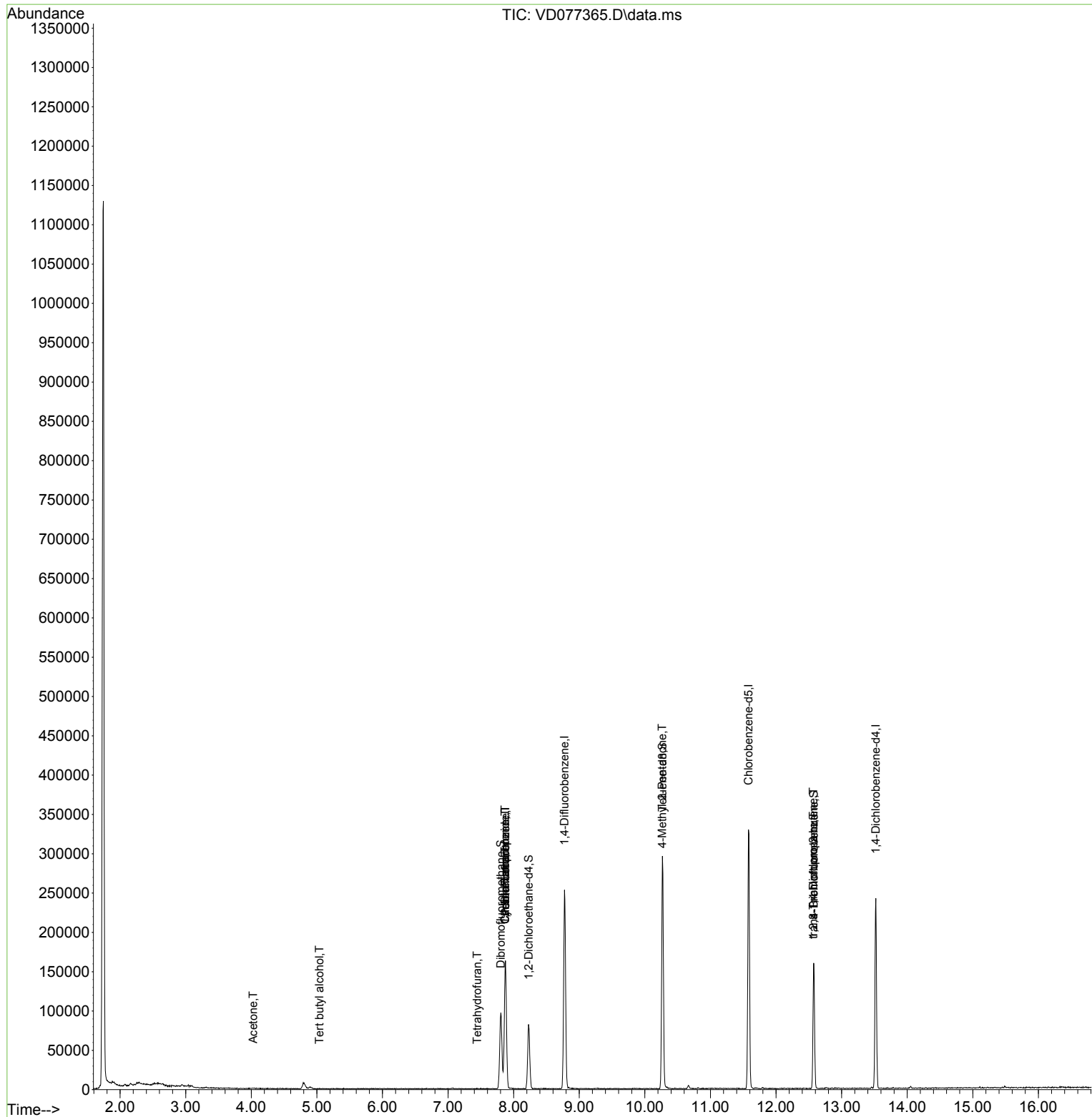
Internal Standards						
1) Pentafluorobenzene	7.875	168	125887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	69773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61970	55.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.260%	
35) Dibromofluoromethane	7.804	113	70922	42.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.560%	
50) Toluene-d8	10.269	98	212304	35.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.680%	
62) 4-Bromofluorobenzene	12.575	95	46989	27.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	66	1.044	ug/l #	73
16) Acetone	4.028	43	803	3.258	ug/l	98
20) Methylene Chloride	4.793	84	6287	Below Cal	#	84
29) Tetrahydrofuran	7.446	42	182	1.234	ug/l #	23
31) Cyclohexane	7.869	56	2595	1.484	ug/l #	29
36) 1,1-Dichloropropene	7.869	75	10988	4.986	ug/l #	45
38) Carbon Tetrachloride	7.869	117	12928	5.273	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	733	1.173	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	25918	28.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	25918	99.535	ug/l #	17

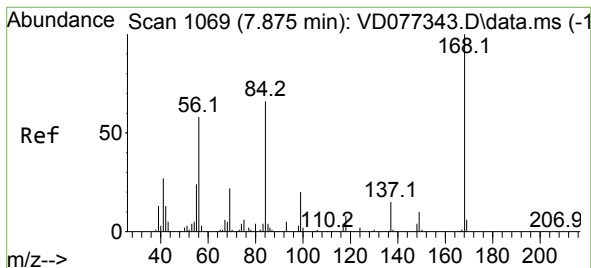
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
Data File : VD077365.D
Acq On : 20 Oct 2023 15:35
Operator : JC/SY
Sample : 04984-01
Misc : 4.30G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 21 05:29:56 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: VD077365.D

Acq: 20 Oct 2023 15:35

Instrument :

MSVOA_D

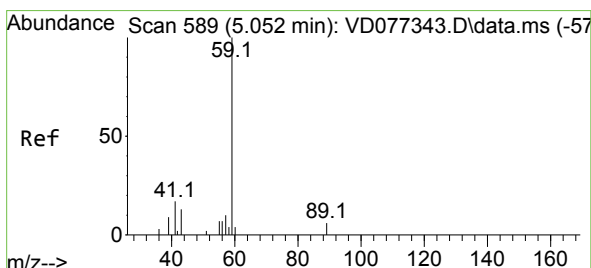
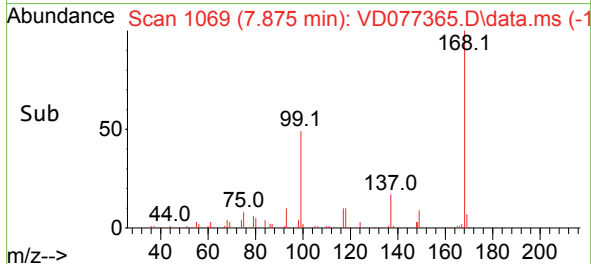
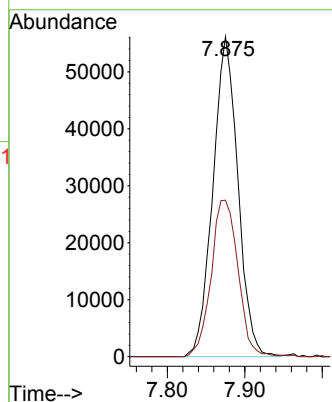
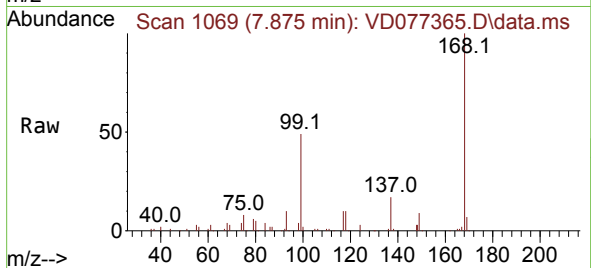
ClientSampleId :

Tgt Ion:168 Resp: 125887

Ion Ratio Lower Upper

168 100

99 48.9 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.044 ug/l

RT: 5.040 min Scan# 587

Delta R.T. -0.012 min

Lab File: VD077365.D

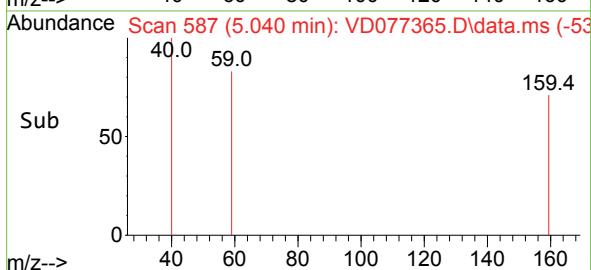
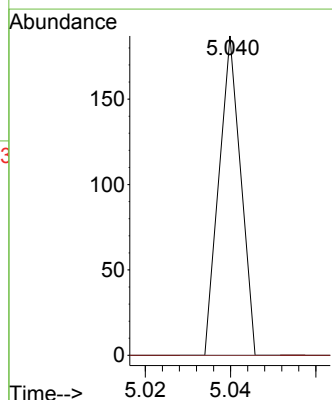
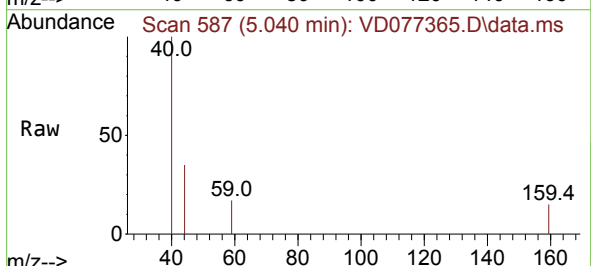
Acq: 20 Oct 2023 15:35

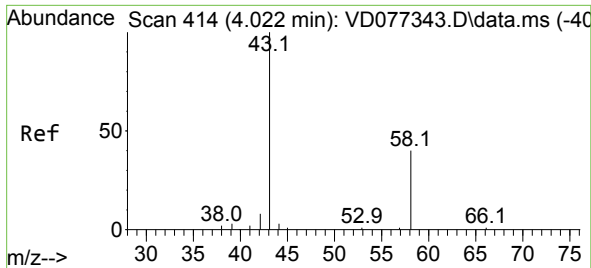
Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

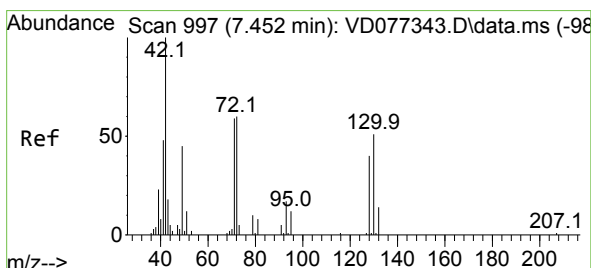
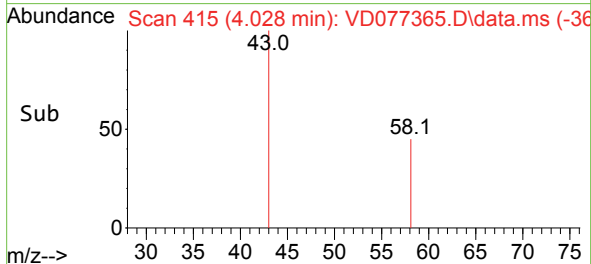
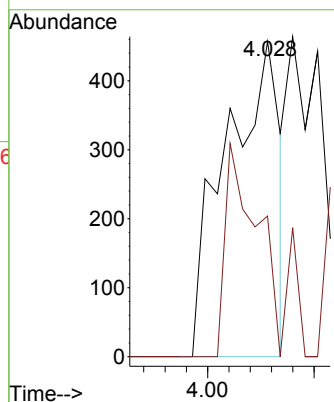
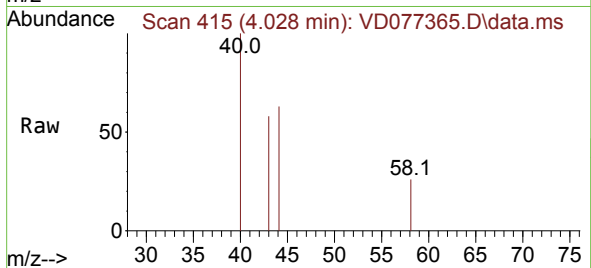




#16
Acetone
Concen: 3.258 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

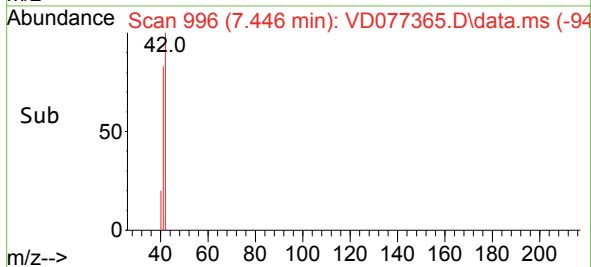
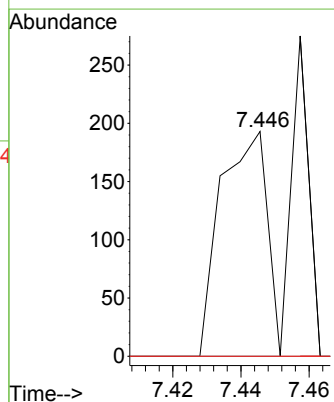
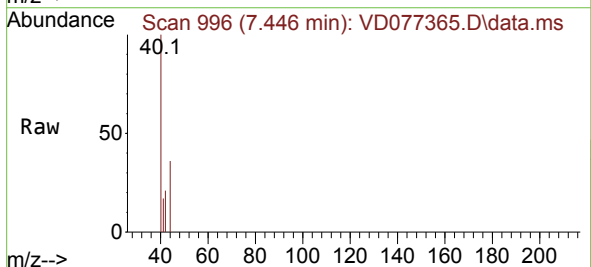
Instrument :
MSVOA_D
ClientSampleId :

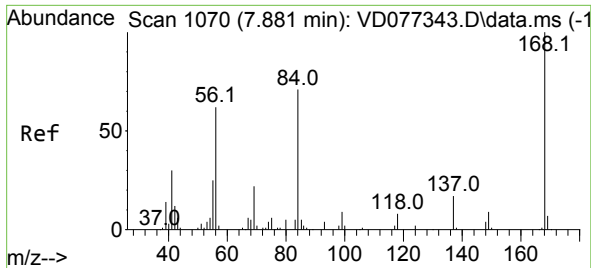
Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 44.6 34.7 52.1



#29
Tetrahydrofuran
Concen: 1.234 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

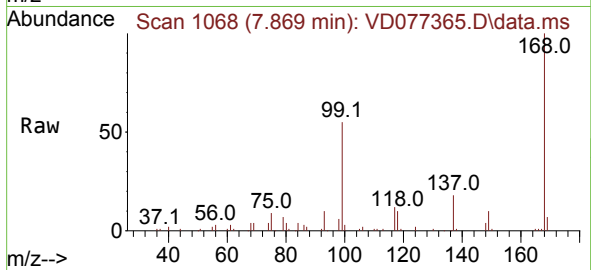
Tgt Ion: 42 Resp: 182
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#



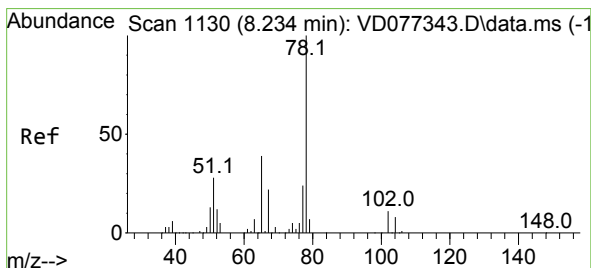
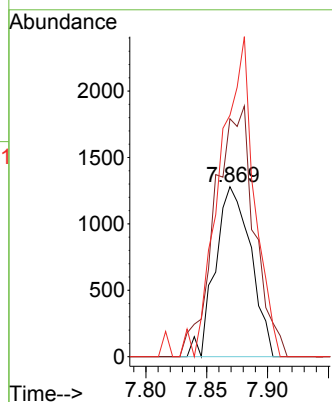
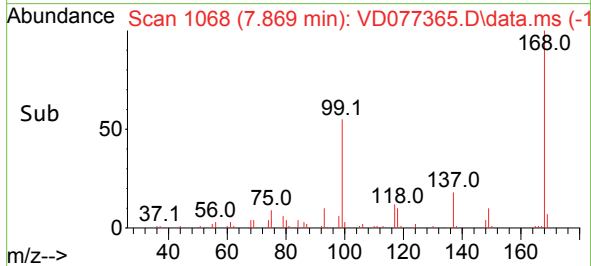


#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.869 min Scan# 1107
Delta R.T. -0.012 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :

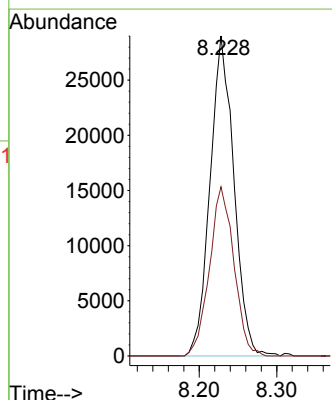
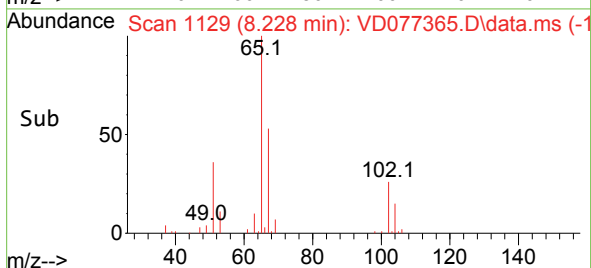
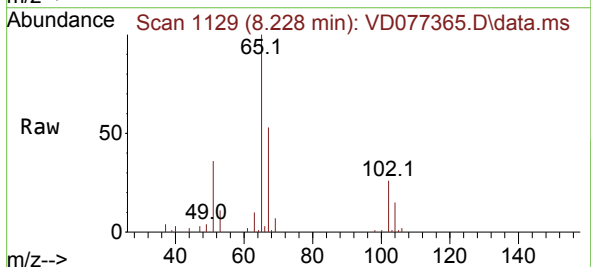


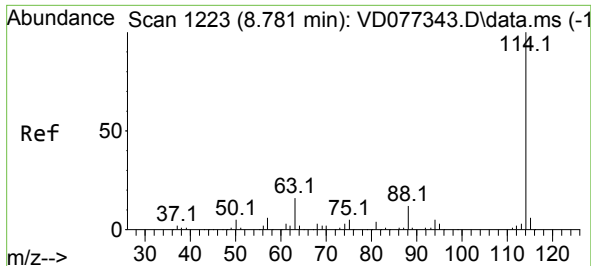
Tgt Ion: 56 Resp: 2595
Ion Ratio Lower Upper
56 100
69 140.0 28.6 43.0#
84 142.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion: 65 Resp: 61970
Ion Ratio Lower Upper
65 100
67 54.1 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: VD077365.D

Acq: 20 Oct 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

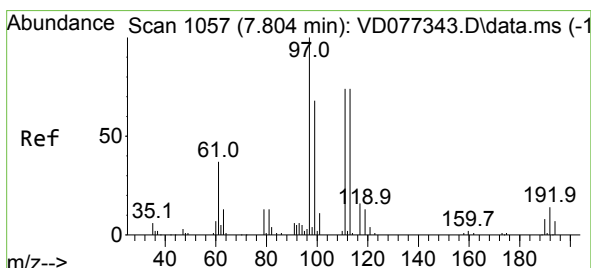
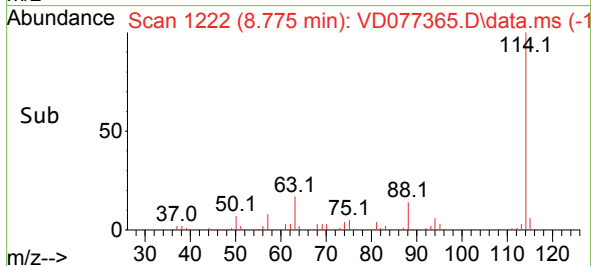
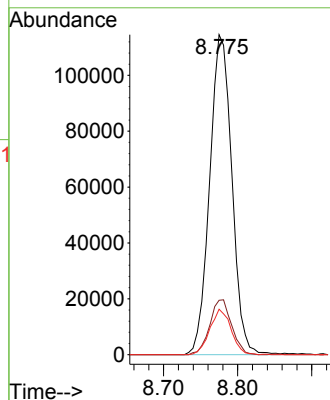
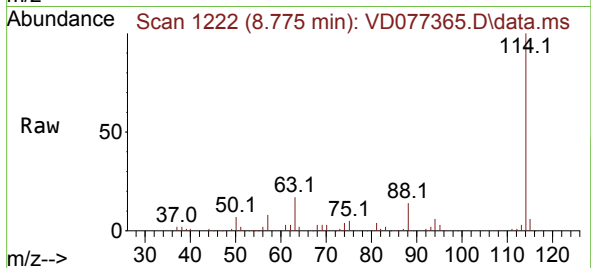
Tgt Ion:114 Resp: 238746

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.284 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077365.D

Acq: 20 Oct 2023 15:35

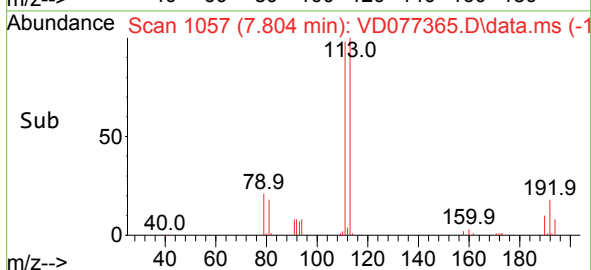
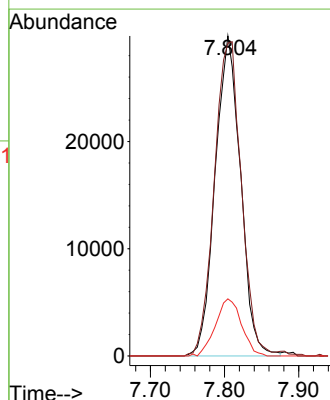
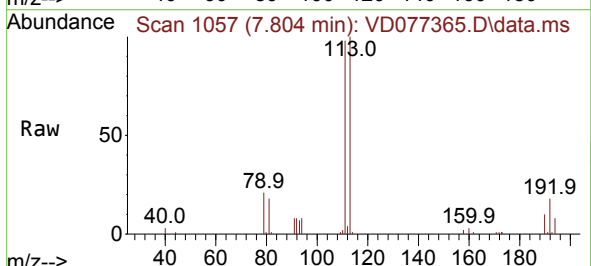
Tgt Ion:113 Resp: 70922

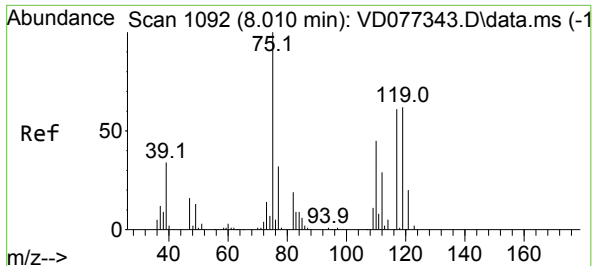
Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 18.3 16.8 25.2

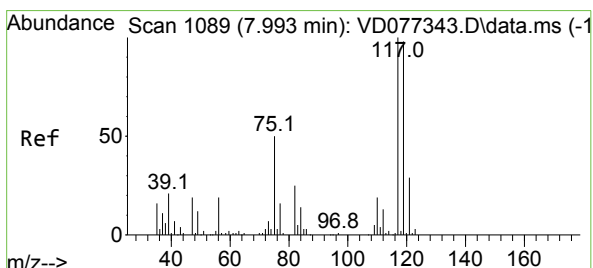
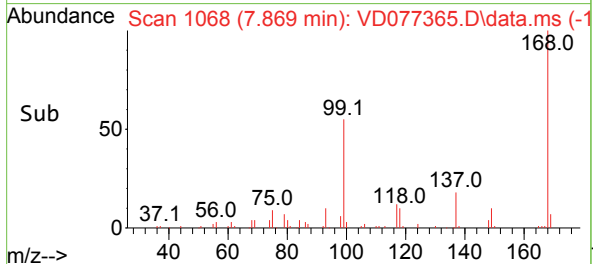
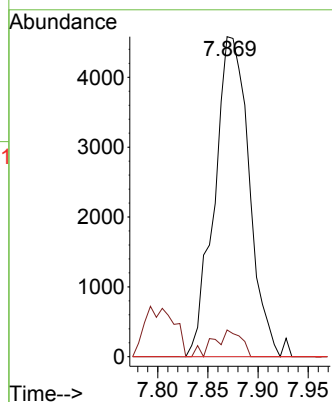
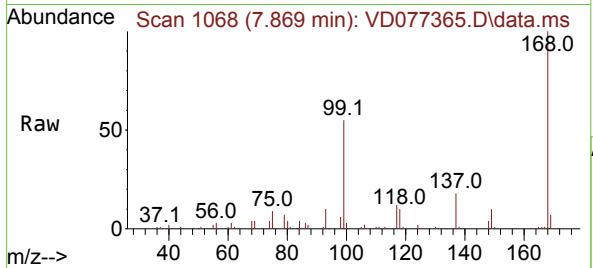




#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

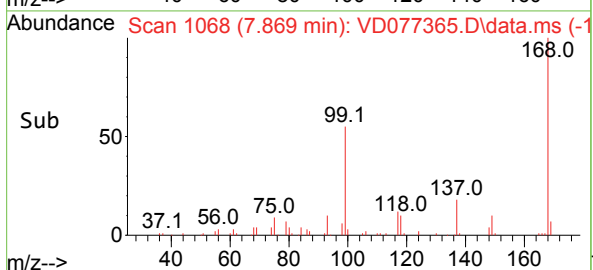
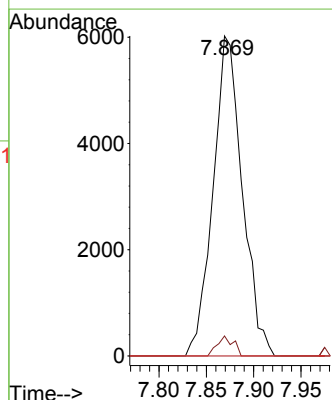
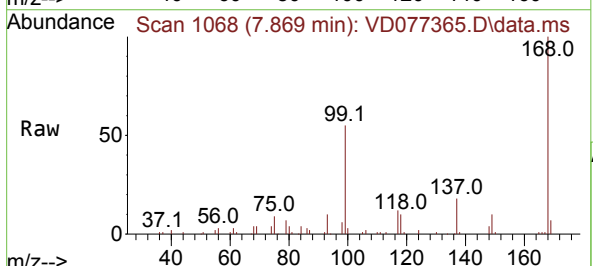
Instrument :
MSVOA_D
ClientSampleId :

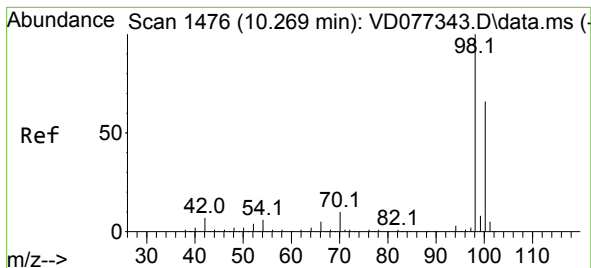
Tgt Ion: 75 Resp: 10988
Ion Ratio Lower Upper
75 100
110 6.6 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion: 117 Resp: 12928
Ion Ratio Lower Upper
117 100
119 6.2 78.0 117.0#
121 0.0 24.2 36.2#

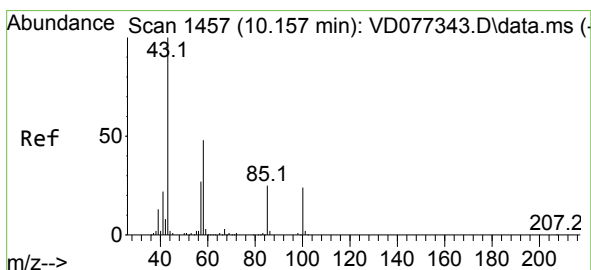
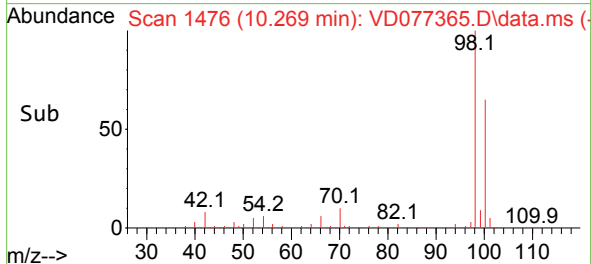
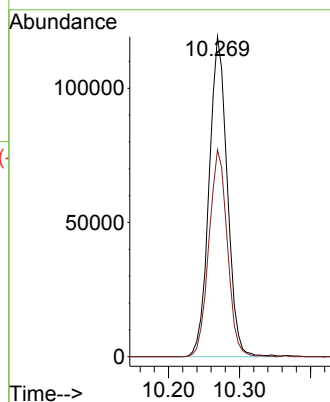
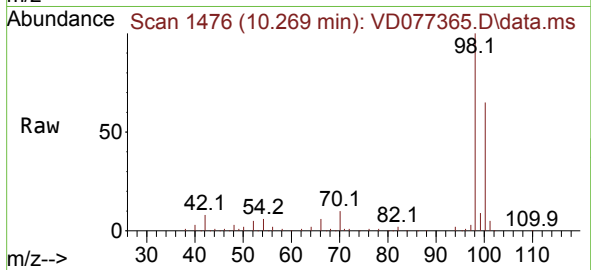




#50
Toluene-d8
Concen: 35.343 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

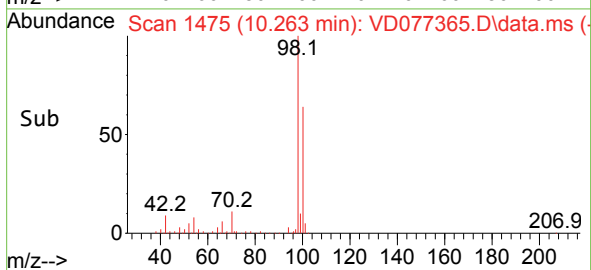
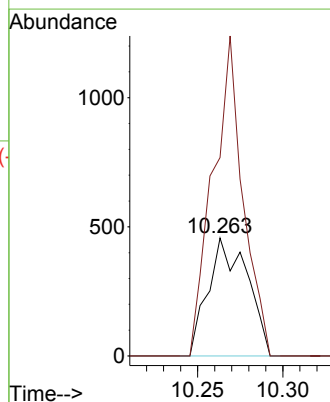
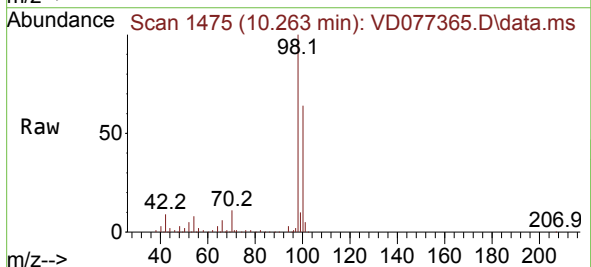
Instrument :
MSVOA_D
ClientSampleId :

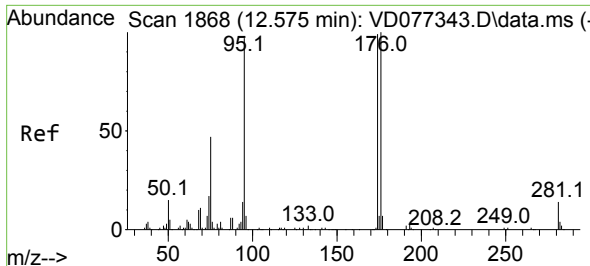
Tgt Ion: 98 Resp: 212304
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.173 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 208.2 38.9 58.3#

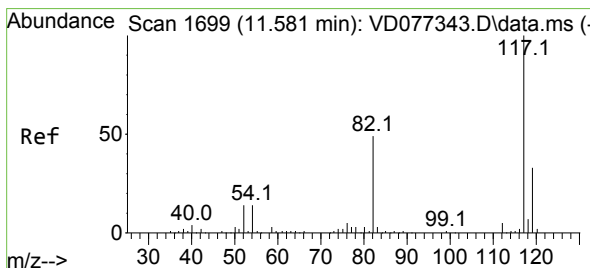
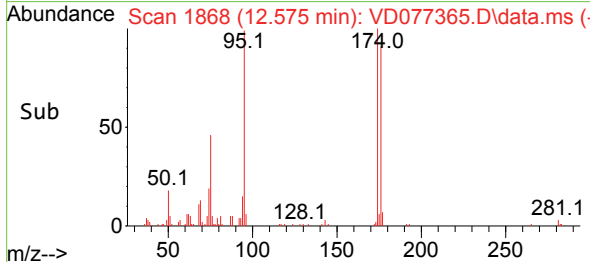
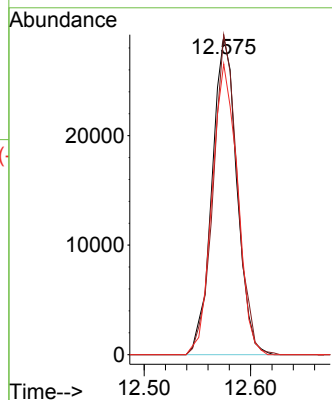
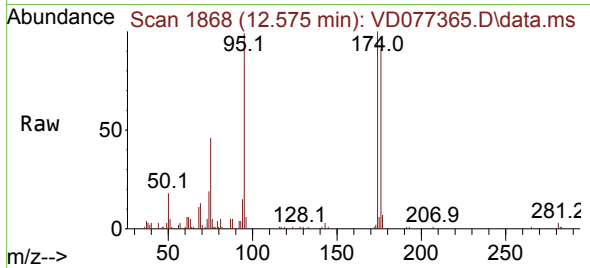




#62
4-Bromofluorobenzene
Concen: 27.175 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

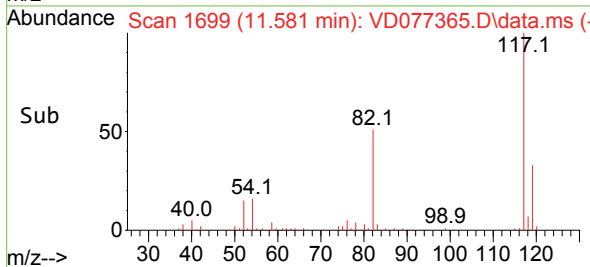
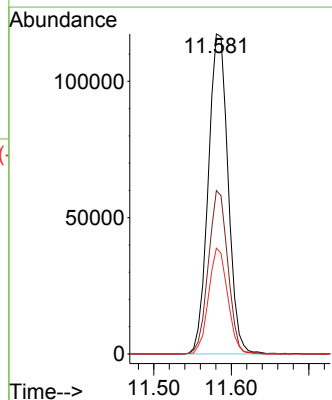
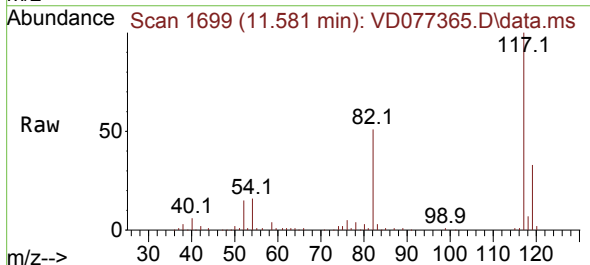
Instrument :
MSVOA_D
ClientSampleId :

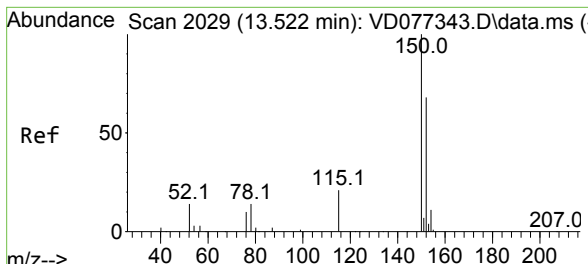
Tgt Ion: 95 Resp: 46989
Ion Ratio Lower Upper
95 100
174 97.6 0.0 201.8
176 93.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

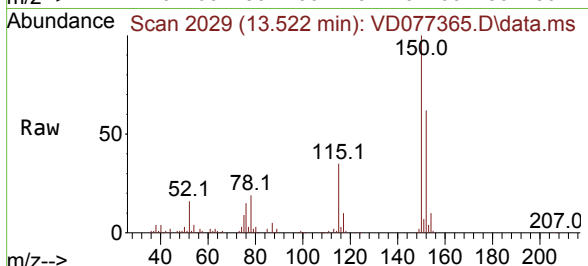
Tgt Ion: 117 Resp: 208629
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 33.0 25.0 37.4



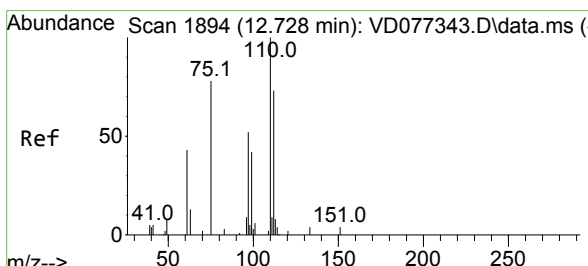
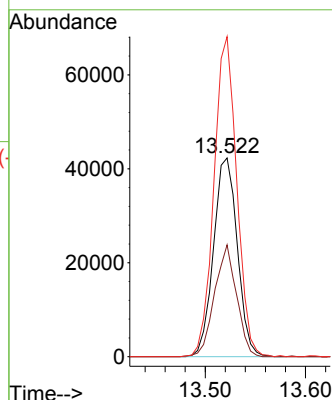
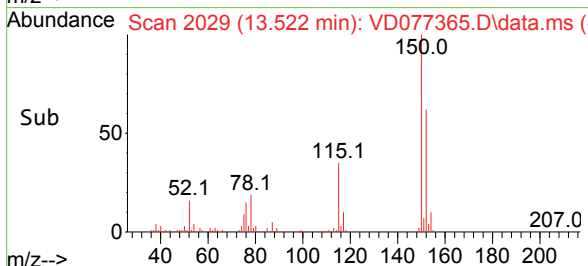


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077365.D
 Acq: 20 Oct 2023 15:35

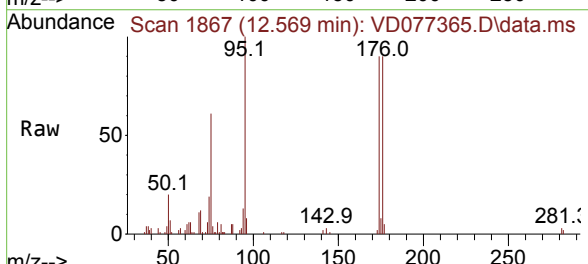
Instrument :
 MSVOA_D
 ClientSampleId :



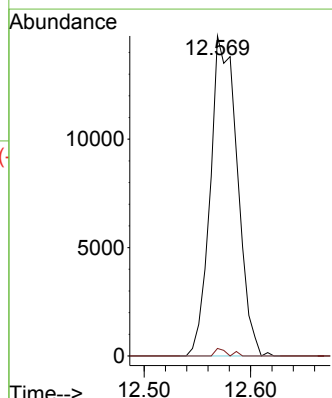
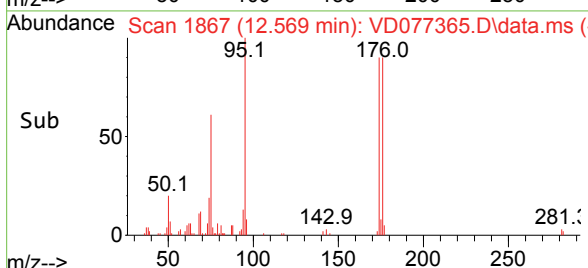
Tgt Ion:152 Resp: 69773
 Ion Ratio Lower Upper
 152 100
 115 52.0 27.1 81.3
 150 154.0 0.0 353.6

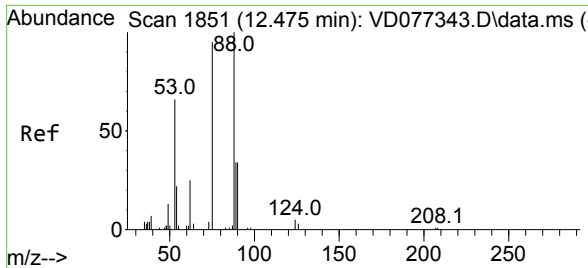


#76
 1,2,3-Trichloropropane
 Concen: 28.602 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD077365.D
 Acq: 20 Oct 2023 15:35



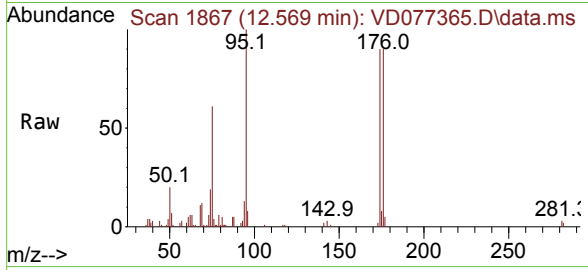
Tgt Ion: 75 Resp: 25918
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.535 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.094 min
 Lab File: VD077365.D
 Acq: 20 Oct 2023 15:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	25918
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

