

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077417.D
 Acq On : 25 Oct 2023 16:34
 Operator : JC/SY
 Sample : 05021-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 26 07:01:26 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)

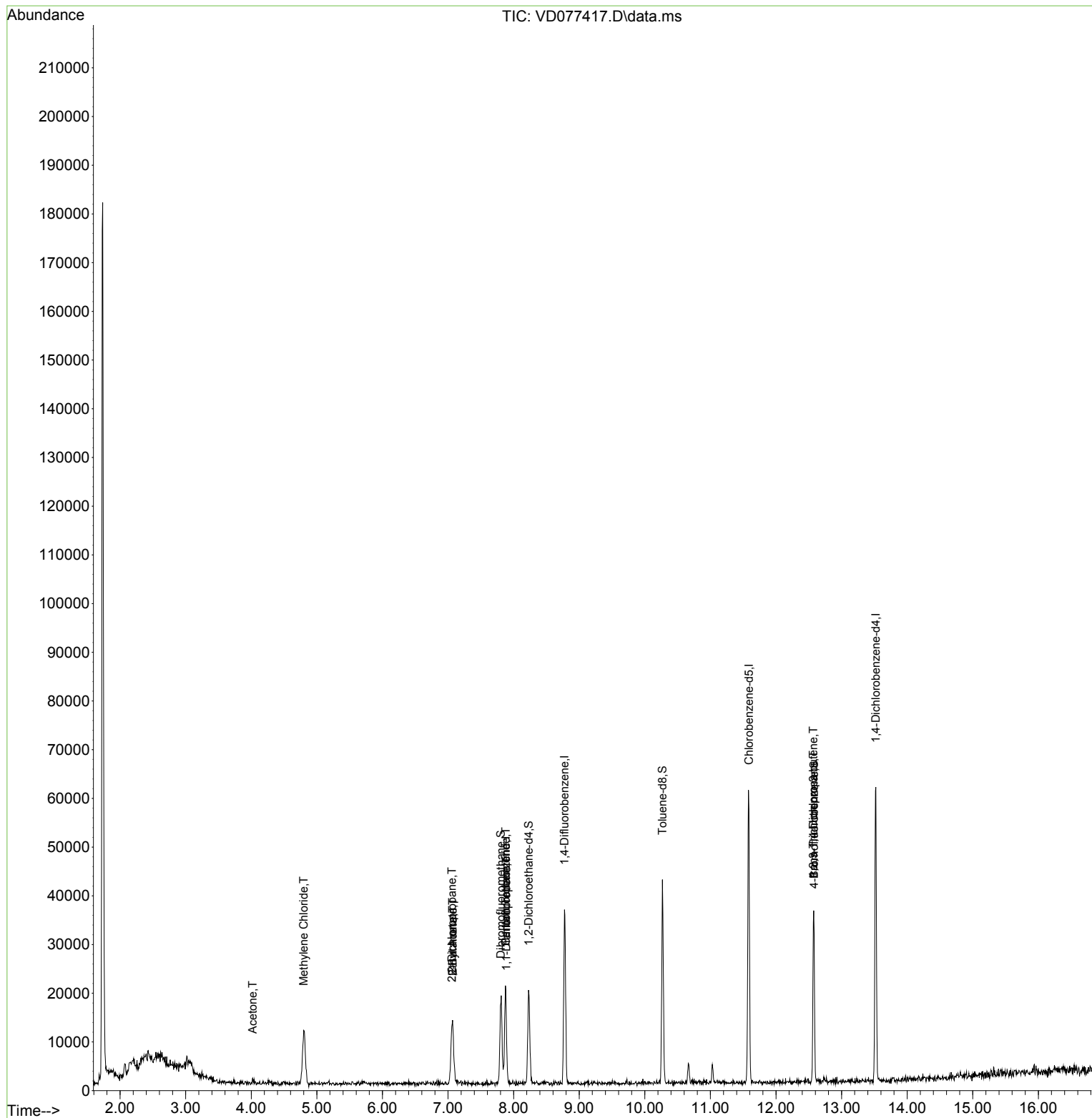
Internal Standards						
1) Pentafluorobenzene	7.881	168	15746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	39450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	17593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	14902	105.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 211.980%#	
35) Dibromofluoromethane	7.805	113	13565	55.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.100%	
50) Toluene-d8	10.269	98	29092	33.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 66.540%	
62) 4-Bromofluorobenzene	12.581	95	10889	43.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1007	32.660	ug/l	96
20) Methylene Chloride	4.799	84	10678	57.983	ug/l	95
25) 2-Butanone	7.069	43	422	13.194	ug/l #	37
26) 2,2-Dichloropropane	7.058	77	943	3.684	ug/l #	49
36) 1,1-Dichloropropene	7.887	75	901	2.808	ug/l #	39
37) Ethyl Acetate	7.069	43	422	4.187	ug/l #	1
38) Carbon Tetrachloride	7.881	117	1660	4.651	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	5232	23.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	5232	79.687	ug/l #	17

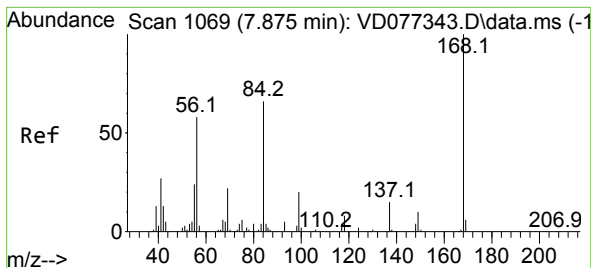
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077417.D

Acq: 25 Oct 2023 16:34

Instrument :

MSVOA_D

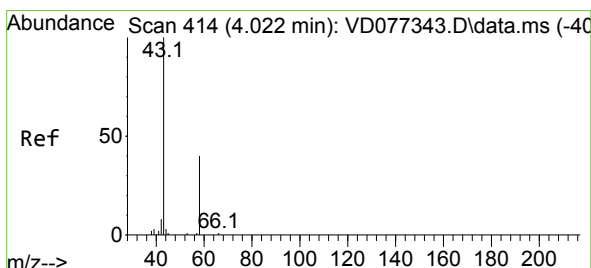
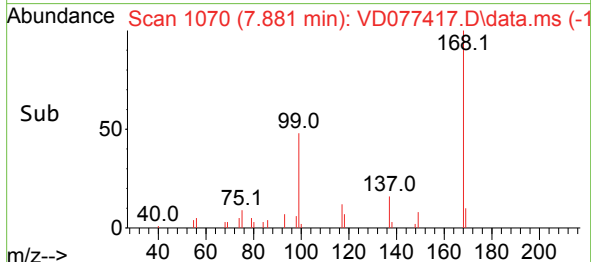
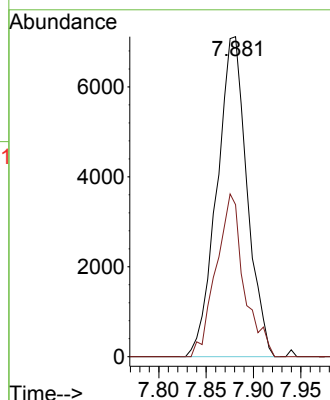
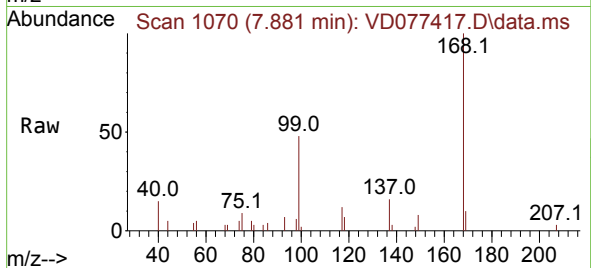
ClientSampleId :

Tgt Ion:168 Resp: 15746

Ion Ratio Lower Upper

168 100

99 47.5 36.7 55.1



#16

Acetone

Concen: 32.660 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077417.D

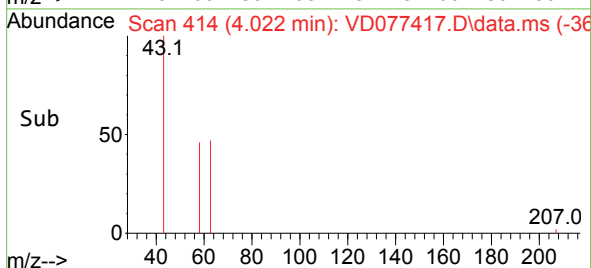
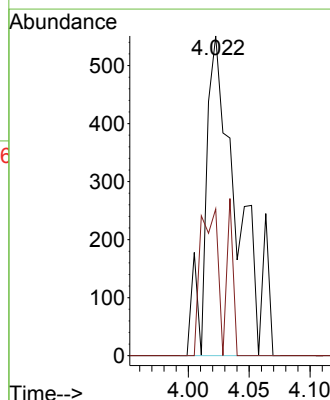
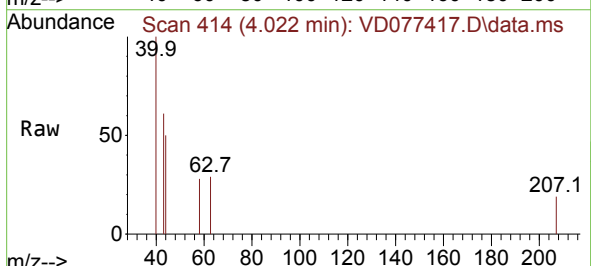
Acq: 25 Oct 2023 16:34

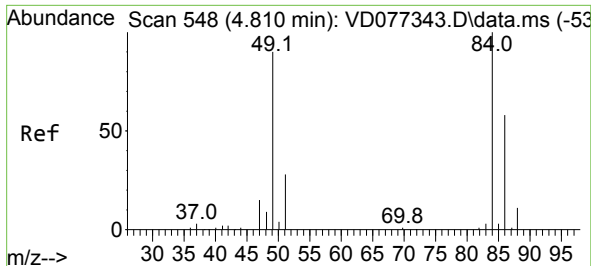
Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

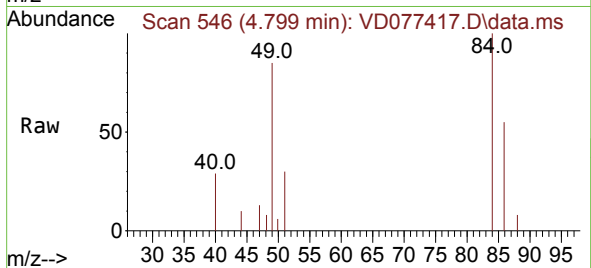
58 45.9 34.7 52.1





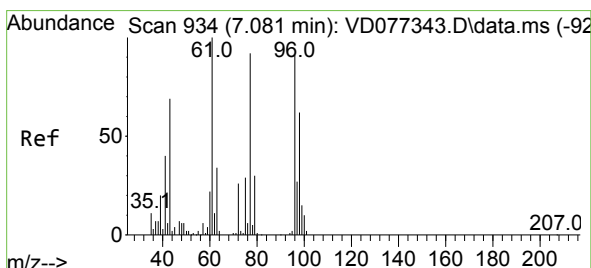
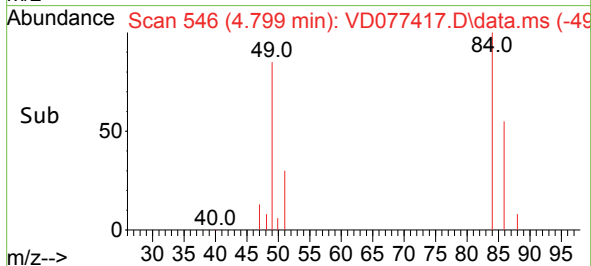
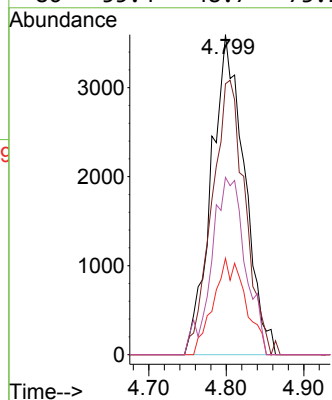
#20
Methylene Chloride
Concen: 57.983 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 10678

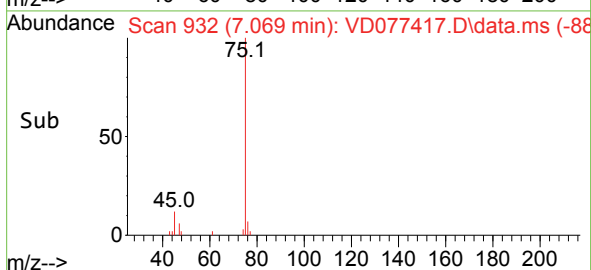
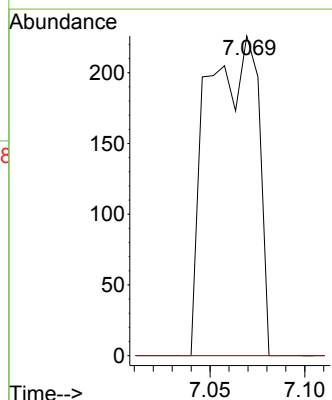
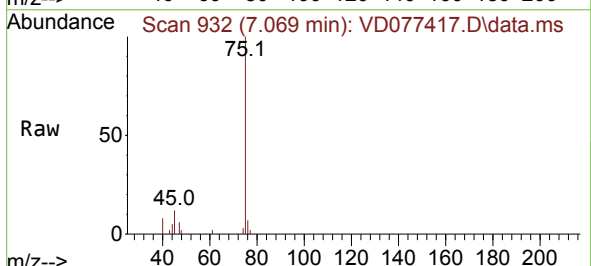
Ion	Ratio	Lower	Upper
84	100		
49	84.7	71.4	107.2
51	30.1	24.5	36.7
86	55.4	48.7	73.1

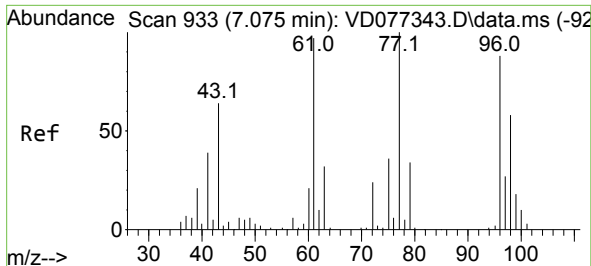


#25
2-Butanone
Concen: 13.194 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

Tgt Ion: 43 Resp: 422

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

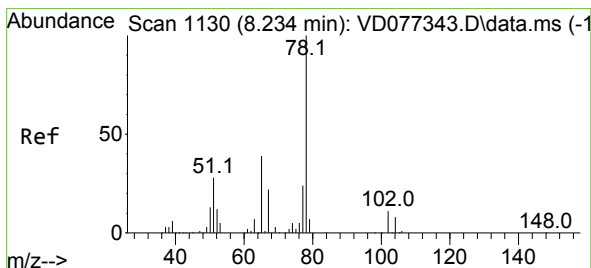
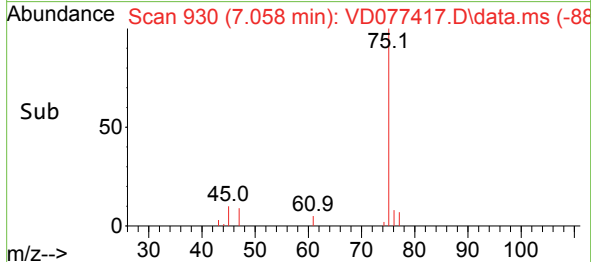
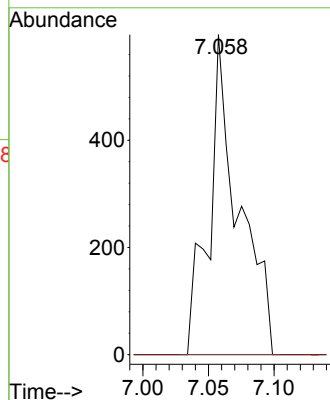
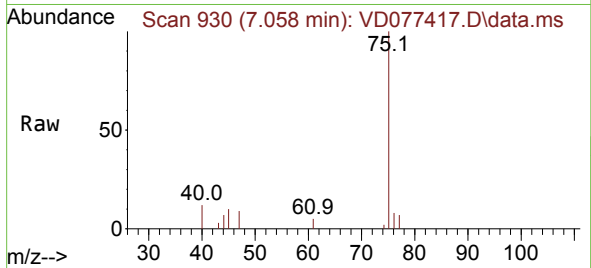




#26
2,2-Dichloropropane
Concen: 3.684 ug/l
RT: 7.058 min Scan# 91
Delta R.T. -0.017 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

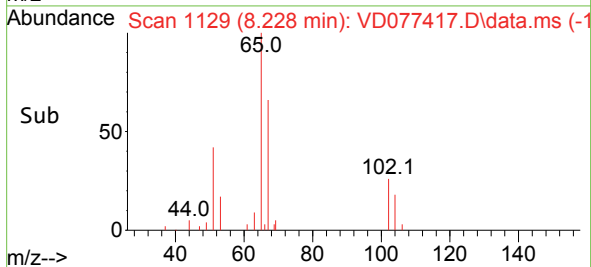
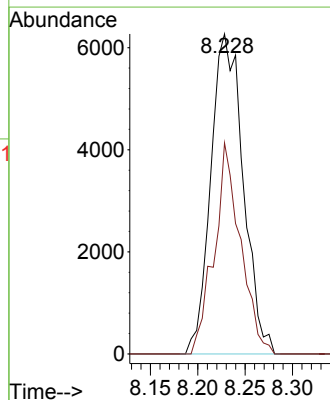
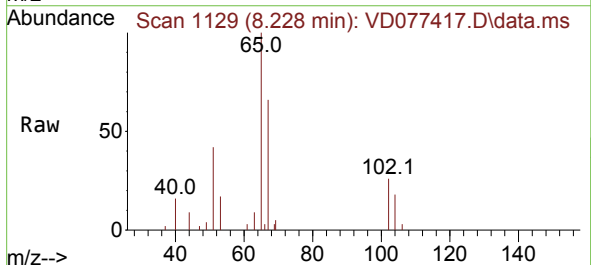
Instrument :
MSVOA_D
ClientSampleId :

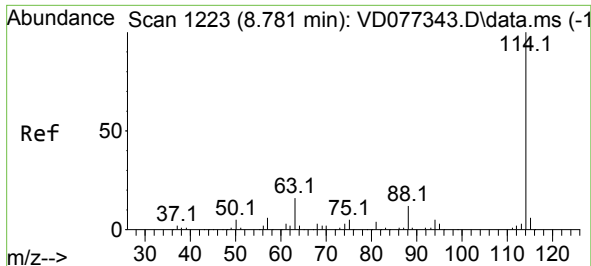
Tgt Ion: 77 Resp: 943
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#33
1,2-Dichloroethane-d4
Concen: 105.987 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

Tgt Ion: 65 Resp: 14902
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

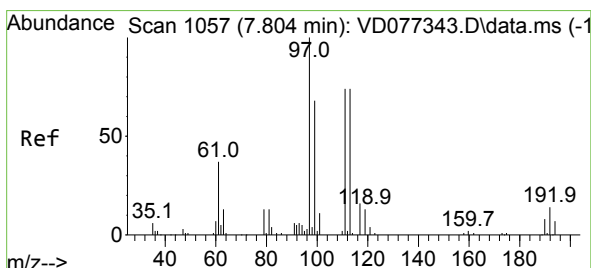
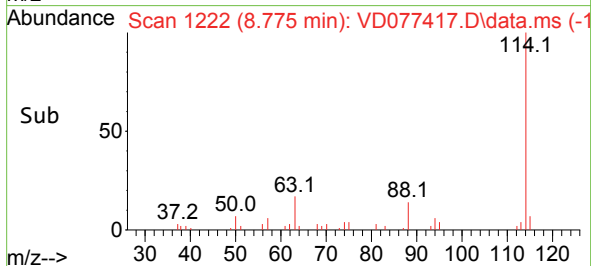
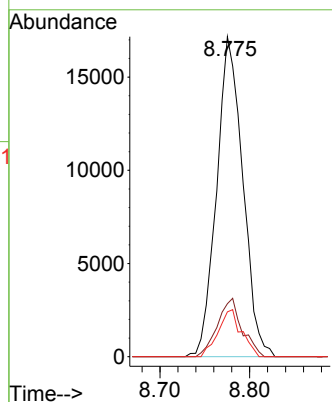
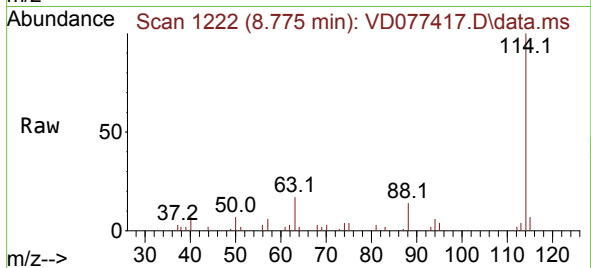




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

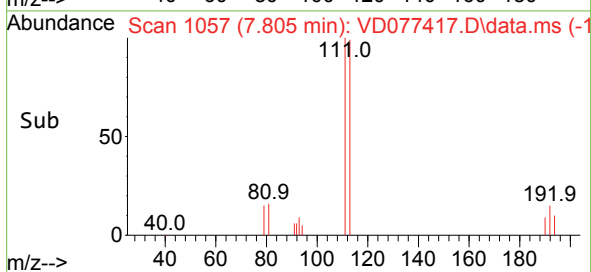
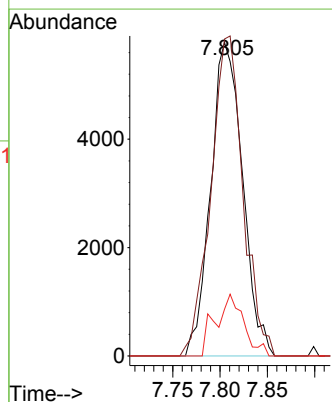
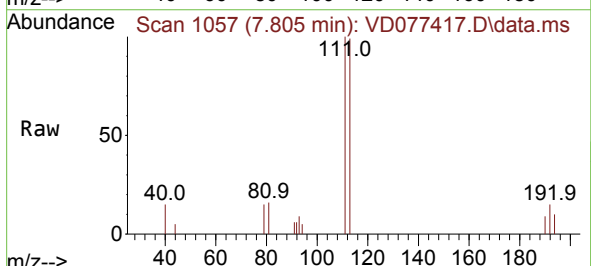
Instrument :
MSVOA_D
ClientSampleId :

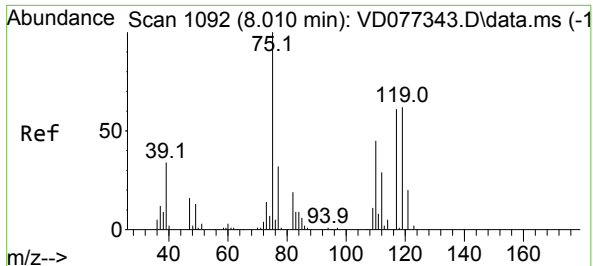
Tgt Ion:114 Resp: 34756
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 14.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 55.554 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

Tgt Ion:113 Resp: 13565
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 17.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 2.808 ug/l

RT: 7.887 min Scan# 1092

Delta R.T. -0.123 min

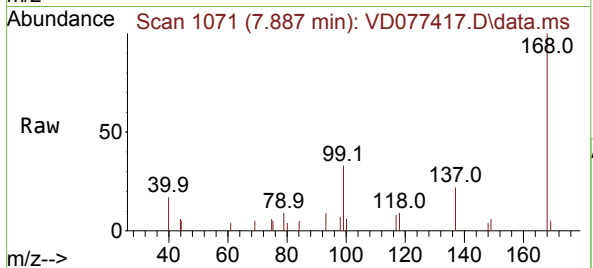
Lab File: VD077417.D

Acq: 25 Oct 2023 16:34

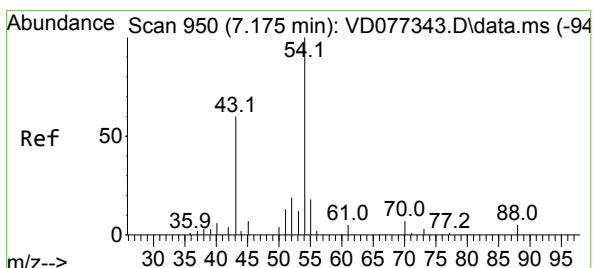
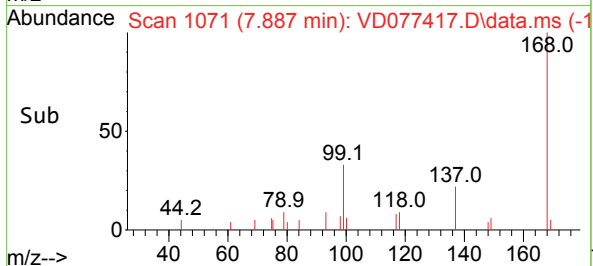
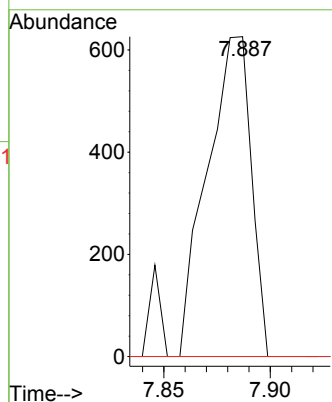
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 901
Ion Ratio	Lower Upper
75	100
110	0.0 19.9 59.6#
77	0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 4.187 ug/l

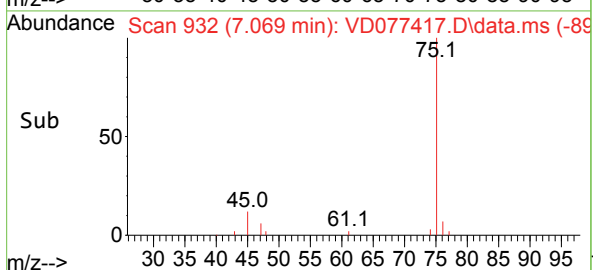
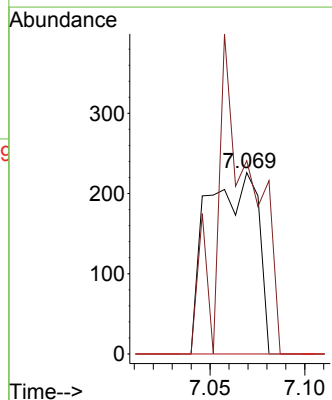
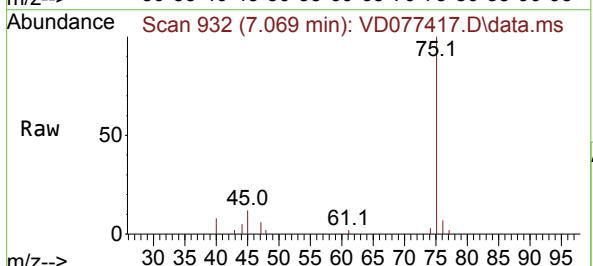
RT: 7.069 min Scan# 932

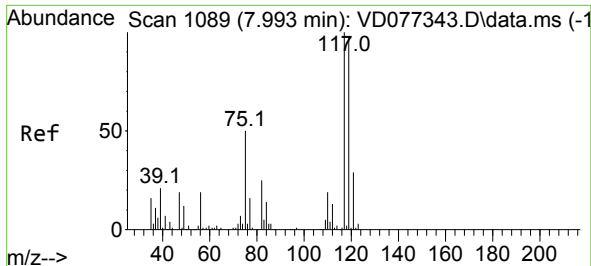
Delta R.T. -0.106 min

Lab File: VD077417.D

Acq: 25 Oct 2023 16:34

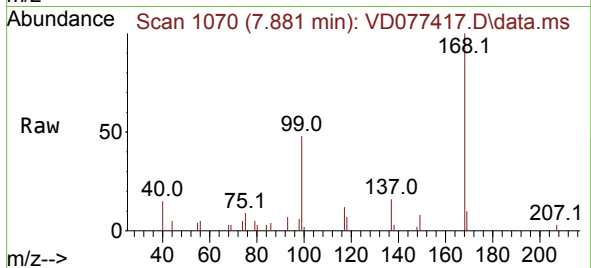
Tgt Ion: 43	Resp: 422
Ion Ratio	Lower Upper
43	100
61	119.2 14.9 22.3#
70	0.0 10.0 15.0#



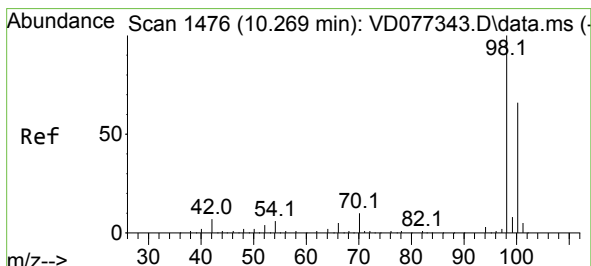
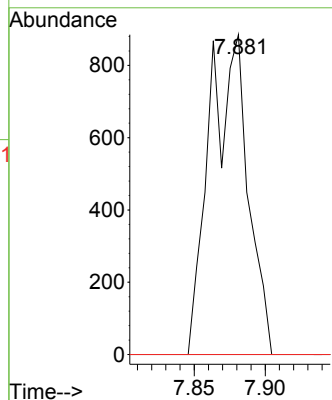
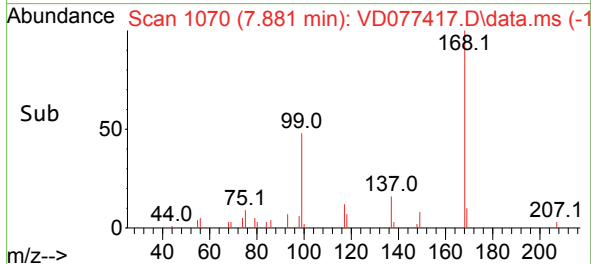


#38
Carbon Tetrachloride
Concen: 4.651 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

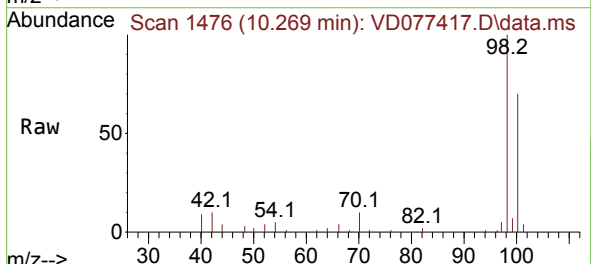
Instrument :
MSVOA_D
ClientSampleId :



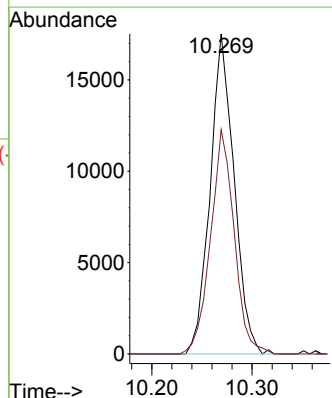
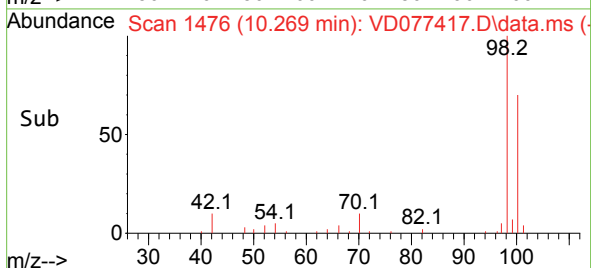
Tgt Ion:117 Resp: 1660
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#

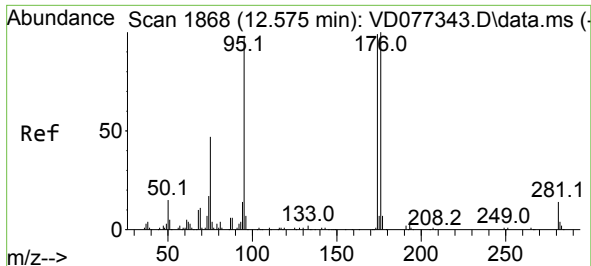


#50
Toluene-d8
Concen: 33.268 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34



Tgt Ion: 98 Resp: 29092
Ion Ratio Lower Upper
98 100
100 69.4 50.3 75.5

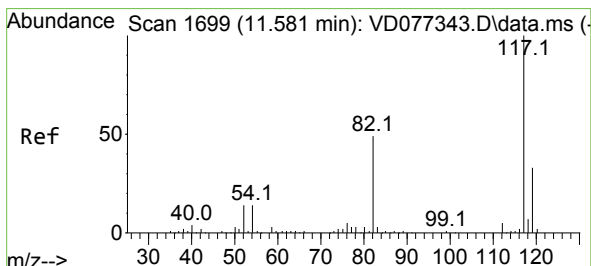
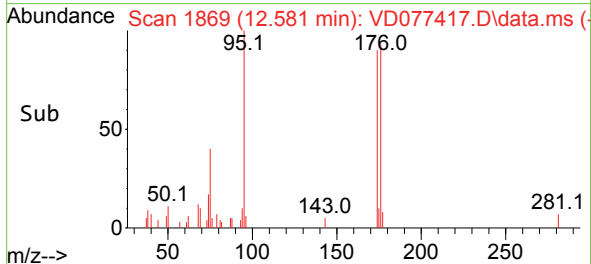
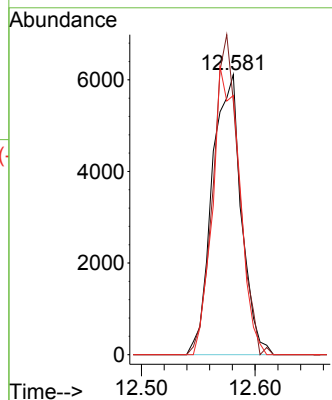
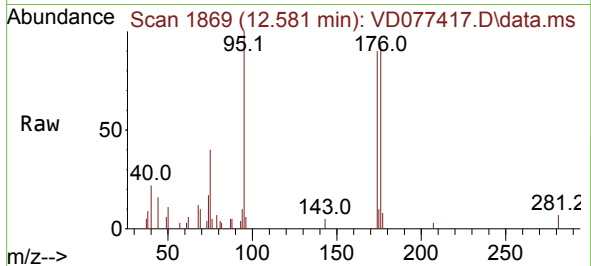




#62
4-Bromofluorobenzene
Concen: 43.258 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

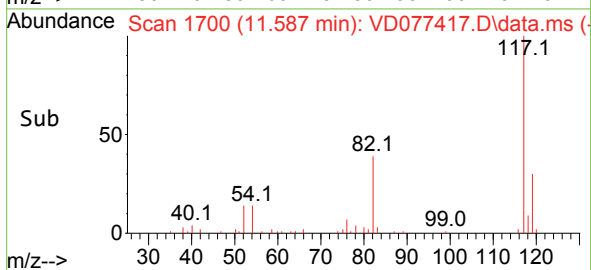
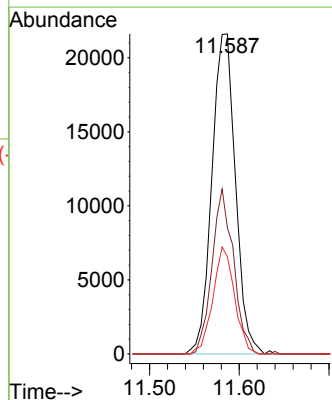
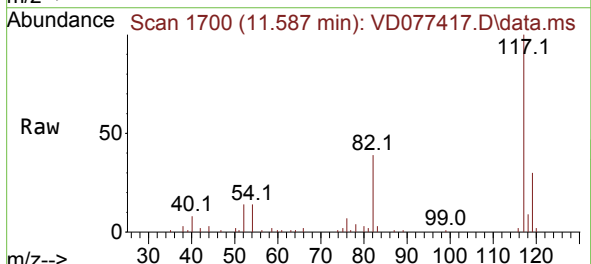
Instrument :
MSVOA_D
ClientSampleId :

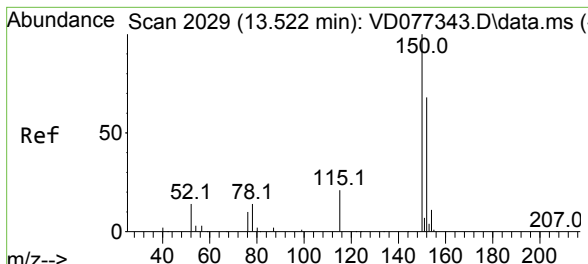
Tgt Ion: 95 Resp: 10889
Ion Ratio Lower Upper
95 100
174 101.9 0.0 201.8
176 95.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD077417.D
Acq: 25 Oct 2023 16:34

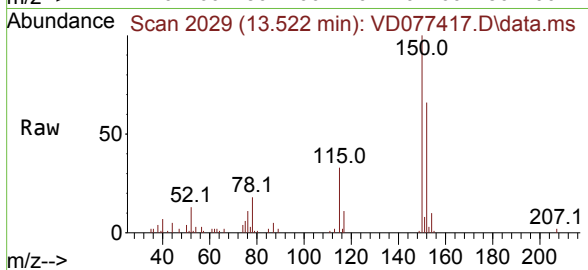
Tgt Ion: 117 Resp: 39450
Ion Ratio Lower Upper
117 100
82 39.5 38.3 57.5
119 30.4 25.0 37.4



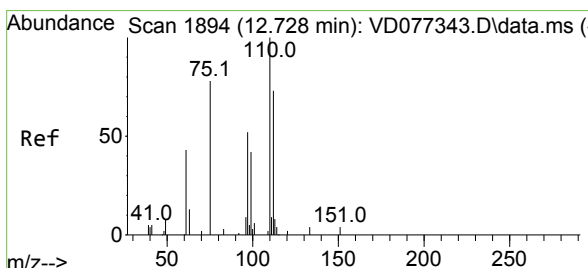
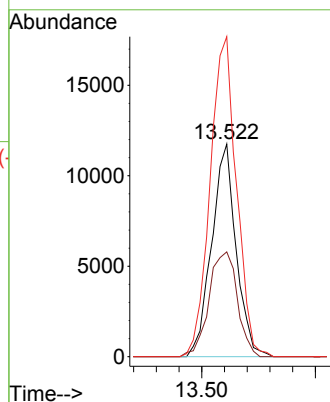
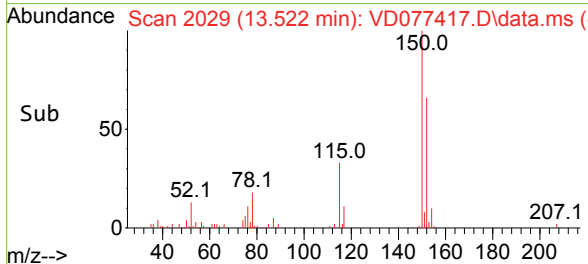


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077417.D
 Acq: 25 Oct 2023 16:34

Instrument :
 MSVOA_D
 ClientSampleId :

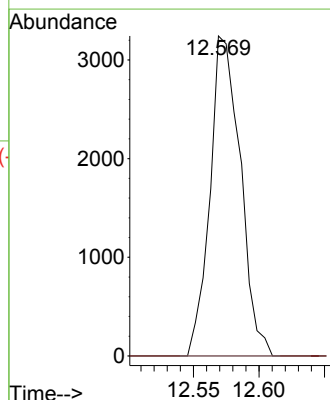
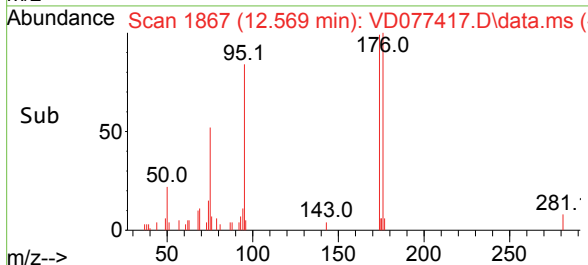
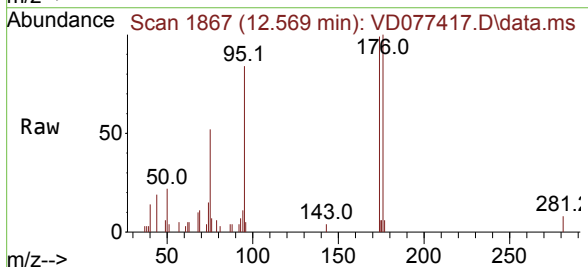


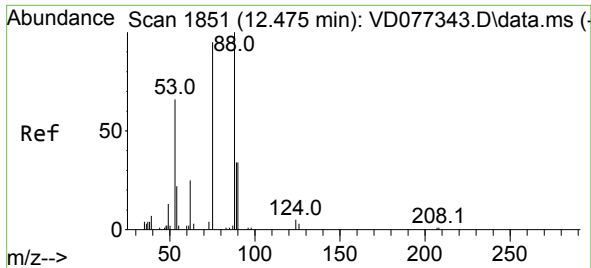
Tgt Ion:152 Resp: 17593
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.3
 150 161.8 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 23.445 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD077417.D
 Acq: 25 Oct 2023 16:34

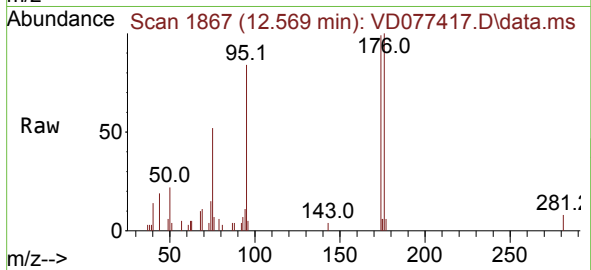
Tgt Ion: 75 Resp: 5232
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.687 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.094 min
 Lab File: VD077417.D
 Acq: 25 Oct 2023 16:34

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	5232
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

