

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074806.D
 Acq On : 08 Nov 2022 16:02
 Operator : VA/SY
 Sample : N5415-12RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 16:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

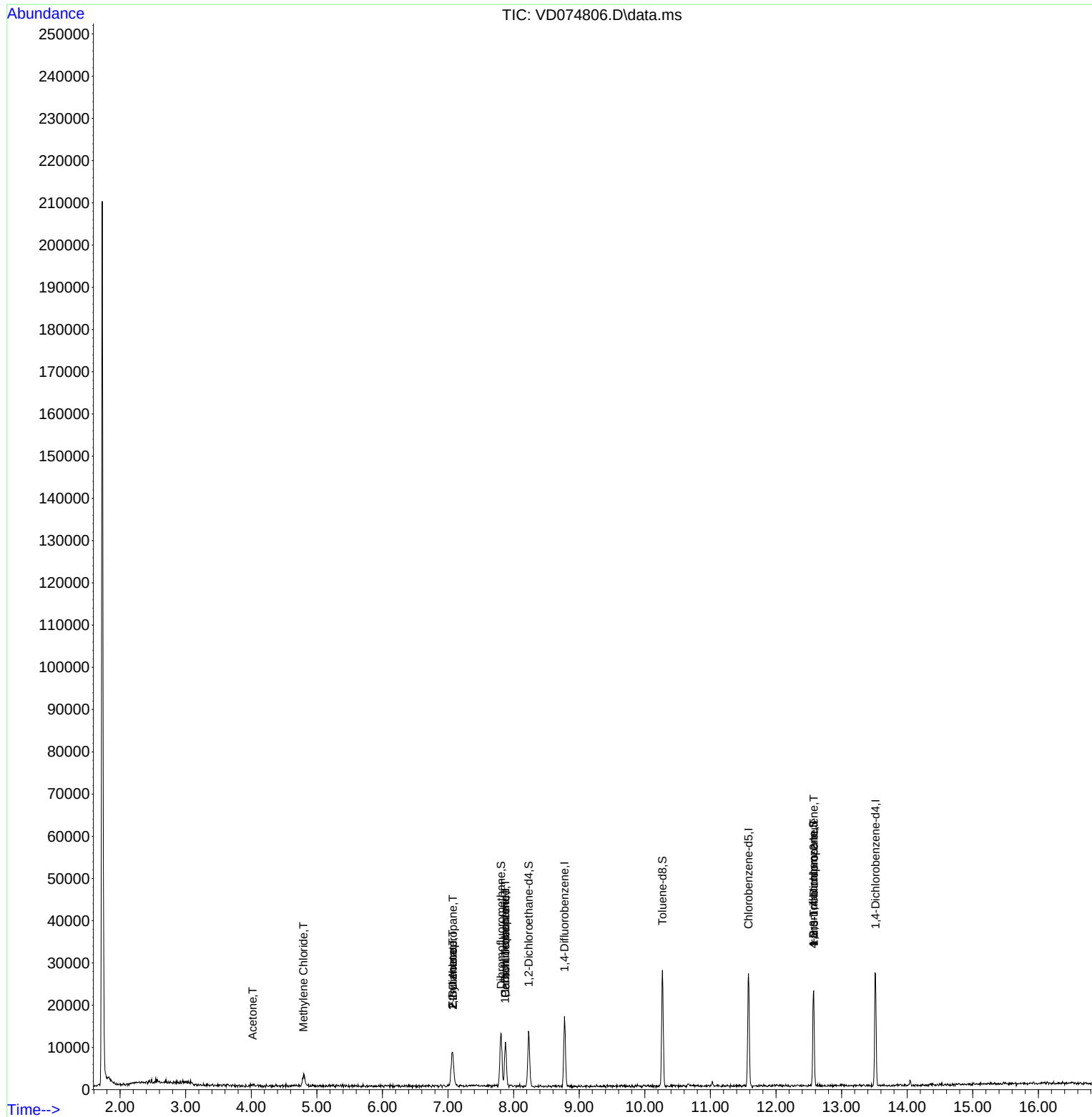
Internal Standards						
1) Pentafluorobenzene	7.875	168	9780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	18678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10030	129.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 258.980%#			
35) Dibromofluoromethane	7.811	113	9665	98.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.340%#			
50) Toluene-d8	10.269	98	20673	57.566	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.140%			
62) 4-Bromofluorobenzene	12.569	95	7260	70.017	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 140.040%			
Target Compounds						Qvalue
16) Acetone	4.022	43	595	36.809	ug/l #	37
20) Methylene Chloride	4.793	84	2283	7.002	ug/l #	81
25) 2-Butanone	7.069	43	247	11.113	ug/l #	42
26) 2,2-Dichloropropane	7.075	77	422	2.606	ug/l #	50
36) 1,1-Dichloropropene	7.869	75	347	2.322	ug/l #	39
37) Ethyl Acetate	7.069	43	247	4.955	ug/l #	72
38) Carbon Tetrachloride	7.875	117	834	5.891	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	3619	53.439	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	3619	126.851	ug/l #	17

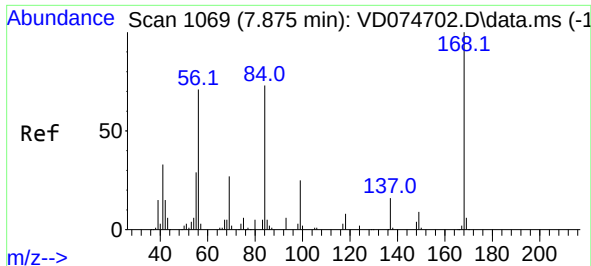
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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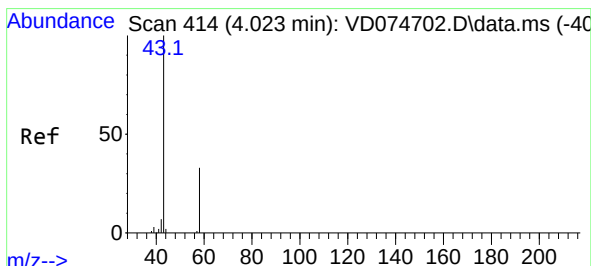
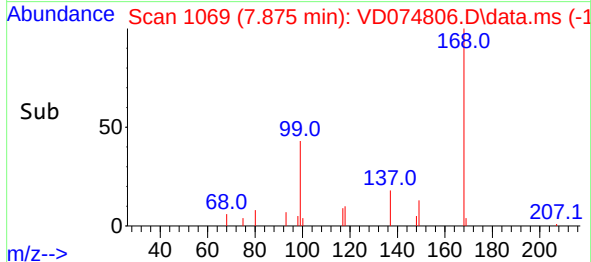
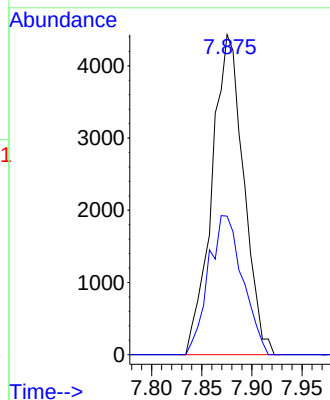
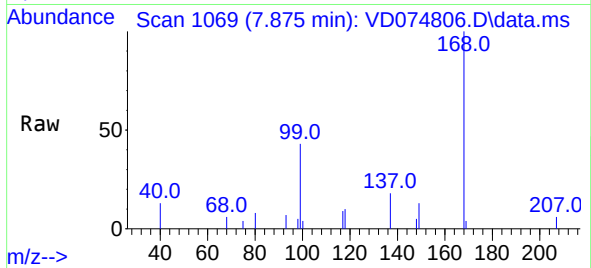




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

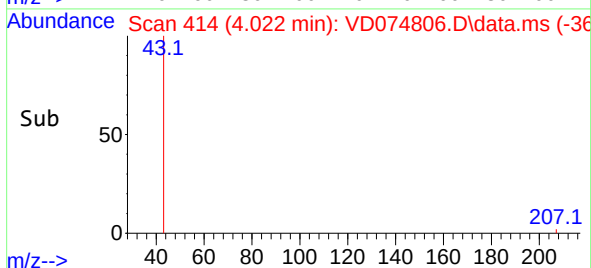
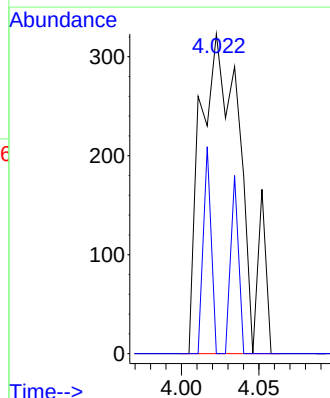
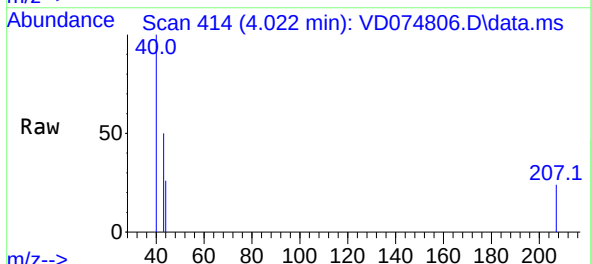
Instrument :
MSVOA_D
ClientSampleId :

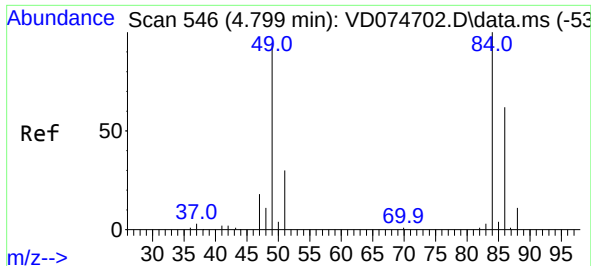
Tgt Ion:168 Resp: 9780
Ion Ratio Lower Upper
168 100
99 43.3 40.9 61.3



#16
Acetone
Concen: 36.809 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

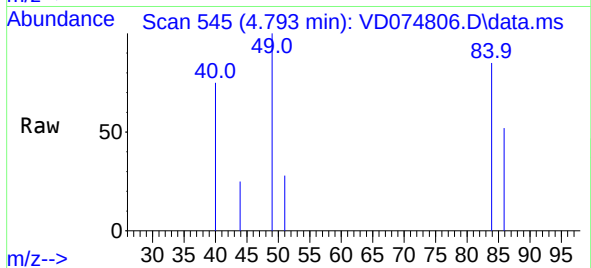
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





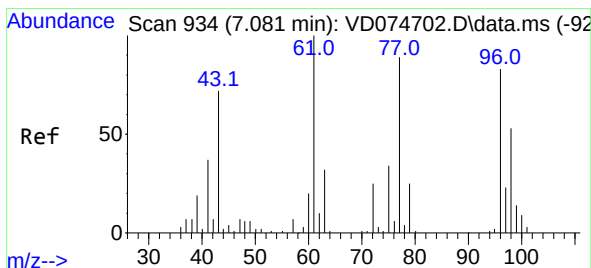
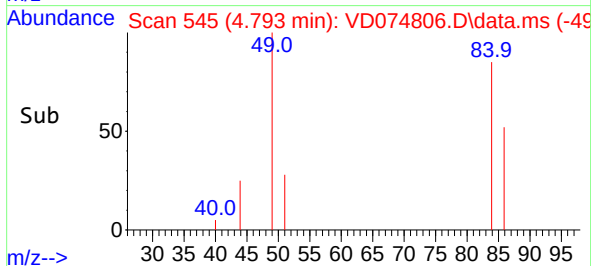
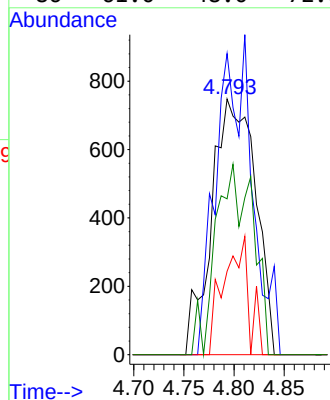
#20
Methylene Chloride
Concen: 7.002 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 2283

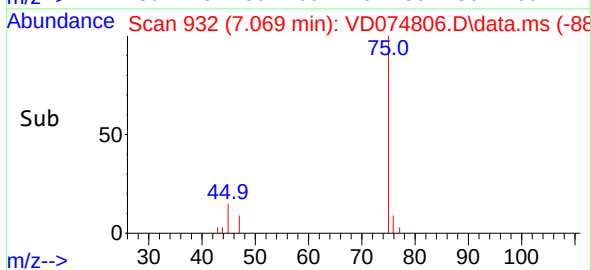
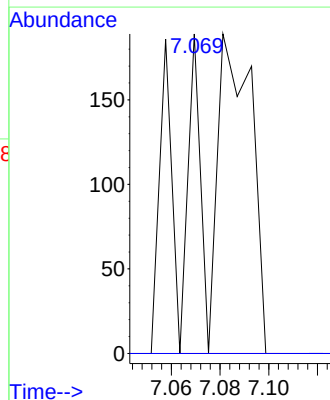
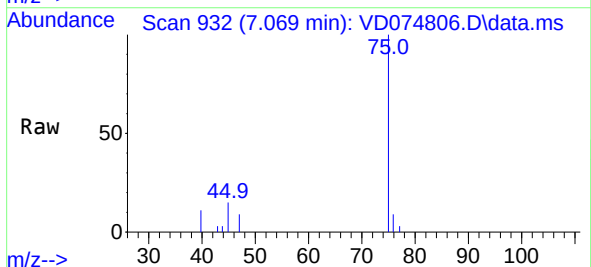
Ion	Ratio	Lower	Upper
84	100		
49	117.8	68.0	102.0#
51	32.6	23.2	34.8
86	61.0	48.0	72.0

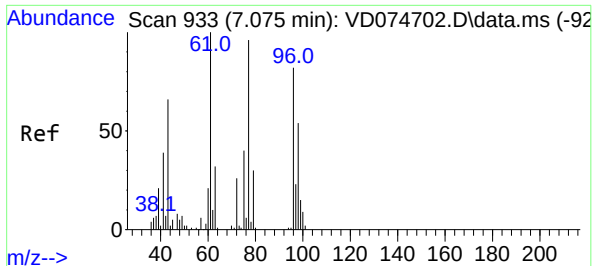


#25
2-Butanone
Concen: 11.113 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion: 43 Resp: 247

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

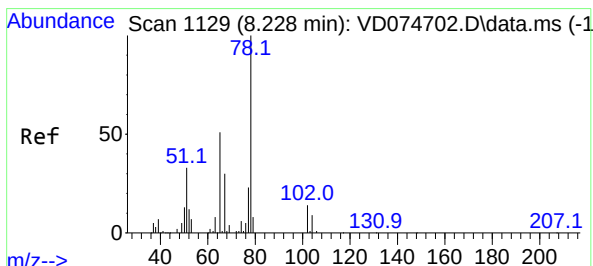
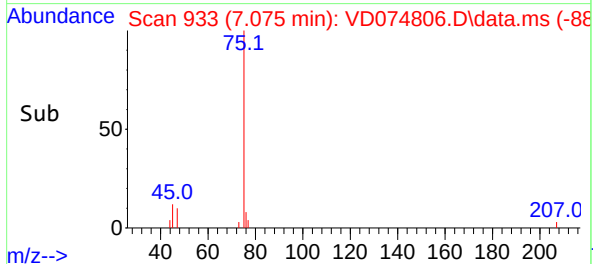
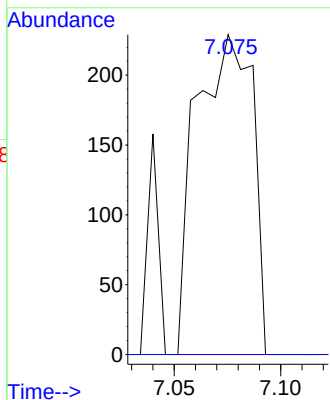
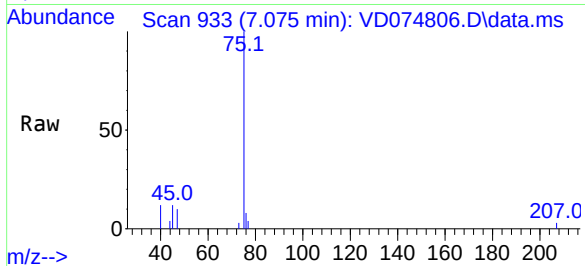




#26
2,2-Dichloropropane
Concen: 2.606 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

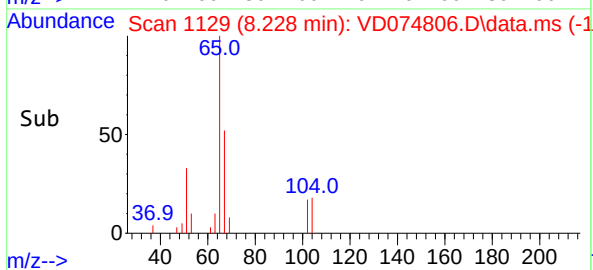
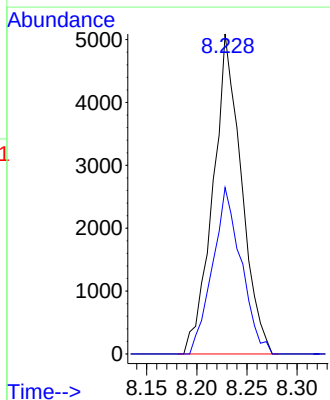
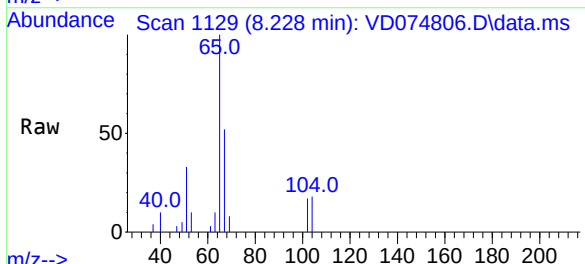
Instrument :
MSVOA_D
ClientSampleId :

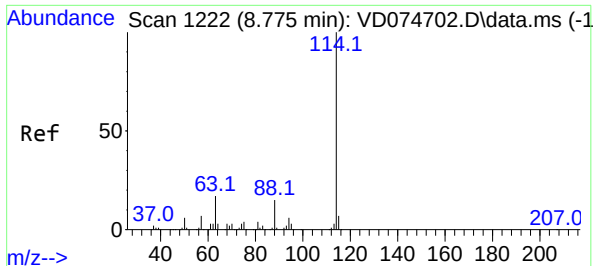
Tgt Ion: 77 Resp: 422
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 129.487 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion: 65 Resp: 10030
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074806.D

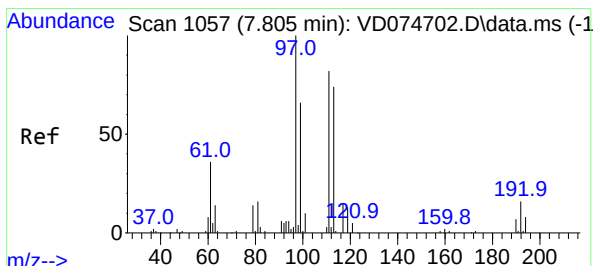
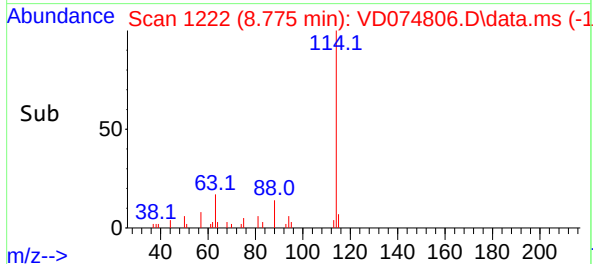
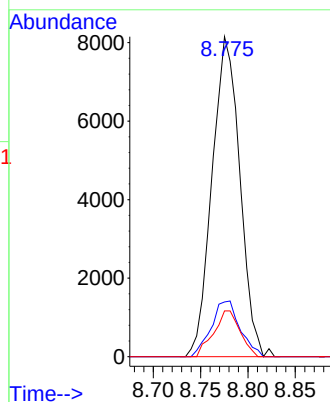
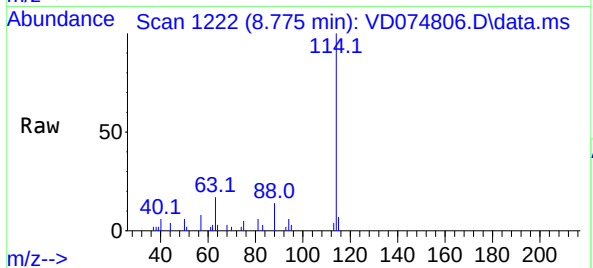
Acq: 08 Nov 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	16643
Ion	Ratio	Lower Upper
114	100	
63	17.1	0.0 33.2
88	14.3	0.0 28.2



#35

Dibromofluoromethane

Concen: 98.172 ug/l

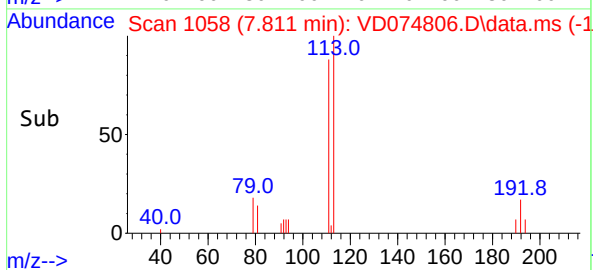
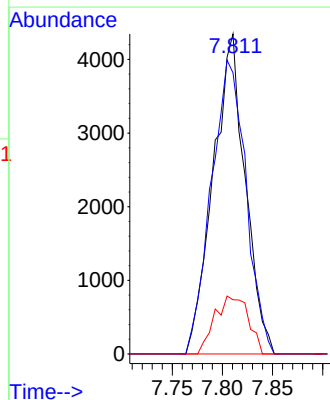
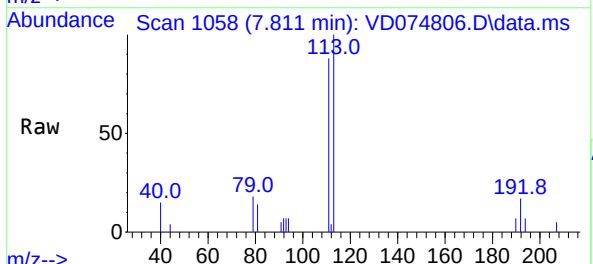
RT: 7.811 min Scan# 1058

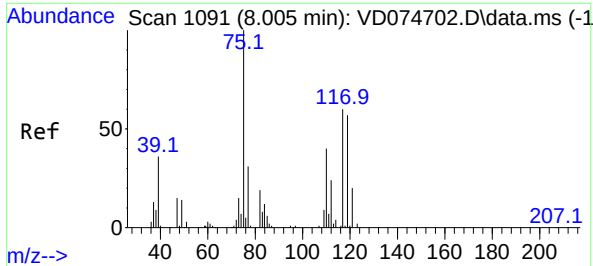
Delta R.T. 0.006 min

Lab File: VD074806.D

Acq: 08 Nov 2022 16:02

Tgt Ion:113	Resp:	9665
Ion	Ratio	Lower Upper
113	100	
111	99.3	82.3 123.5
192	18.9	16.4 24.6

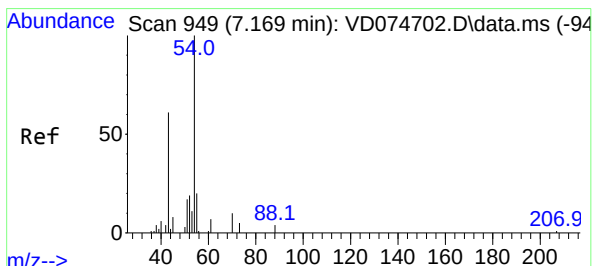
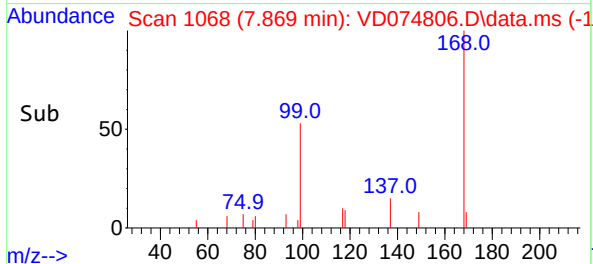
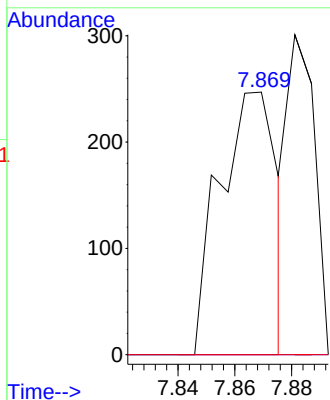
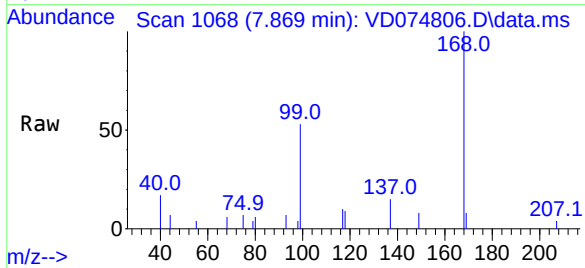




#36
1,1-Dichloropropene
Concen: 2.322 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

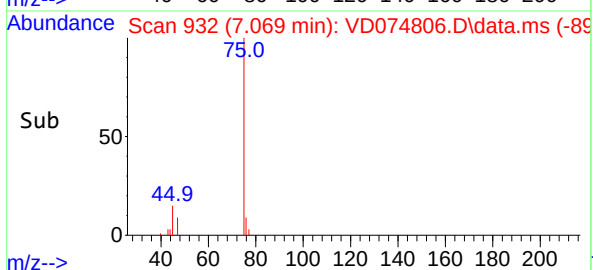
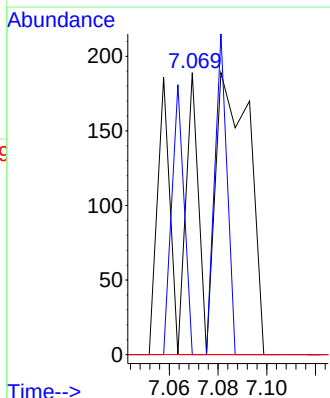
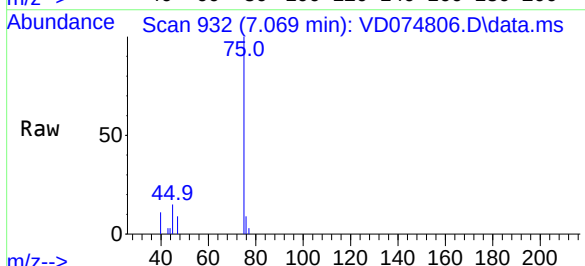
Instrument :
MSVOA_D
ClientSampleId :

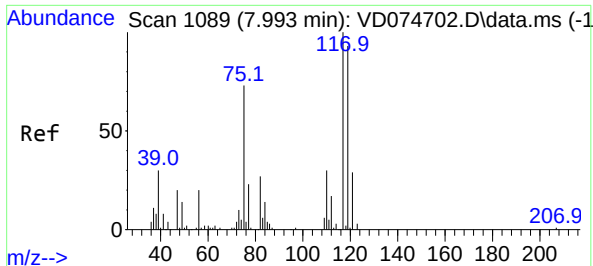
Tgt Ion:	75	Resp:	347
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#



#37
Ethyl Acetate
Concen: 4.955 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

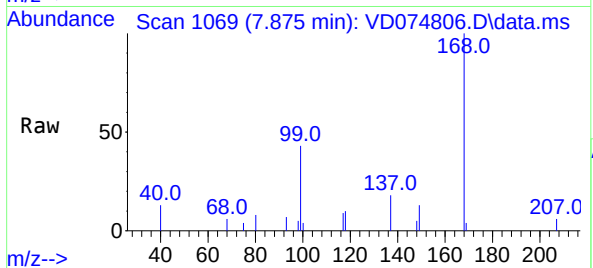
Tgt Ion:	43	Resp:	247
Ion	Ratio	Lower	Upper
43	100		
61	25.9	12.2	18.4#
70	0.0	9.6	14.4#



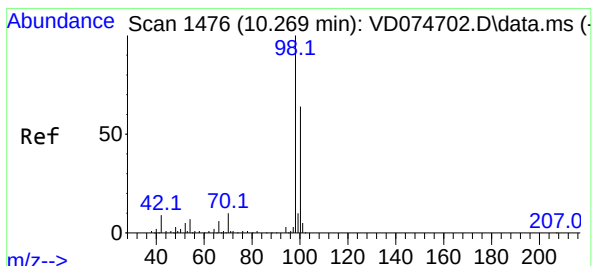
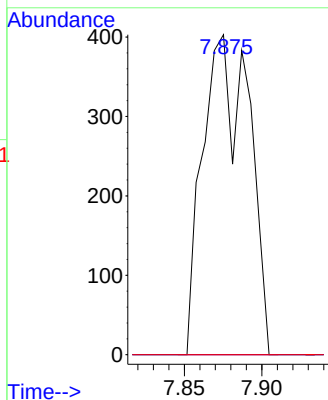
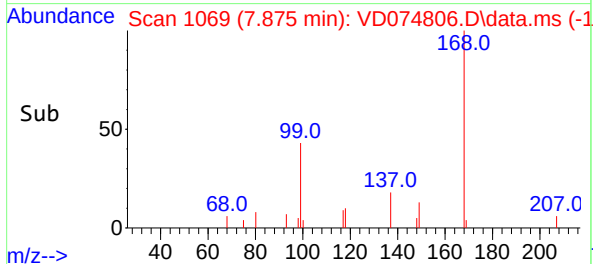


#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :

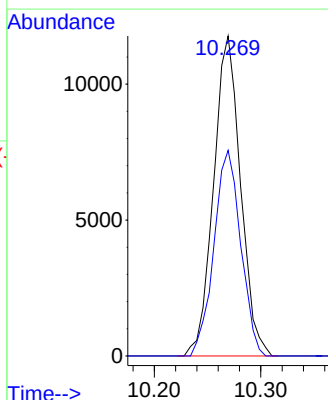
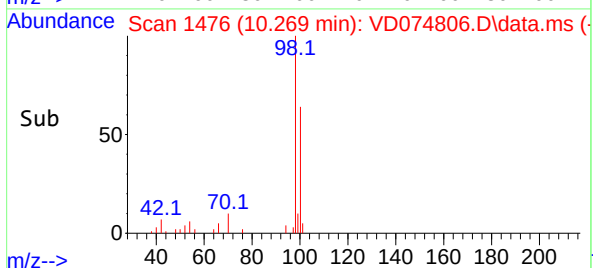
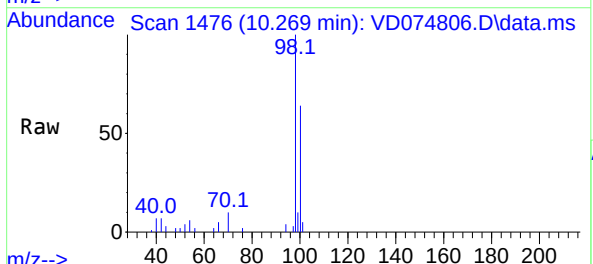


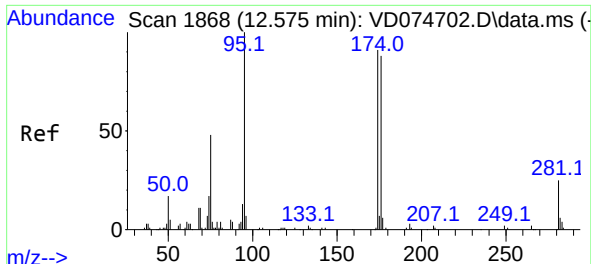
Tgt Ion:117 Resp: 834
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

Tgt Ion: 98 Resp: 20673
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

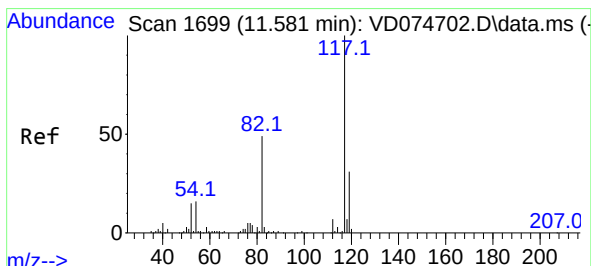
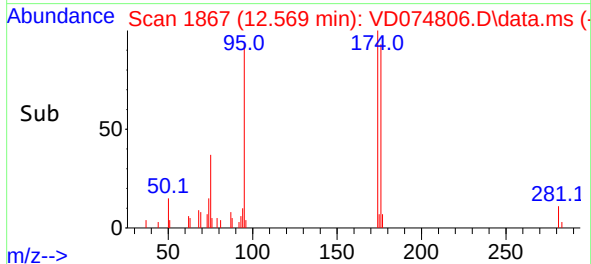
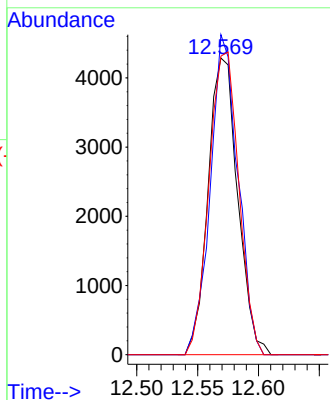
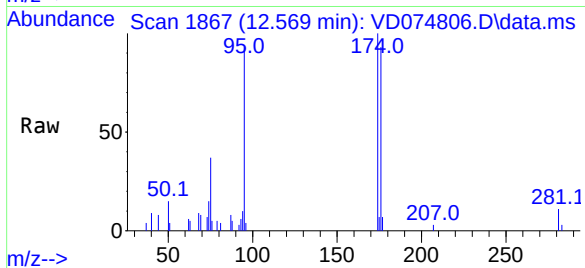




#62
4-Bromofluorobenzene
Concen: 70.017 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

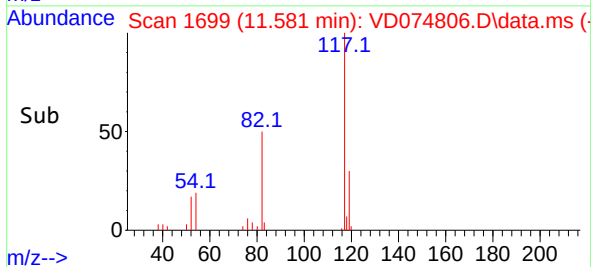
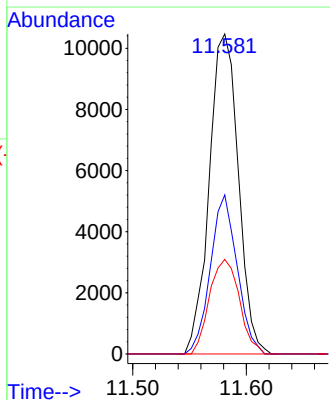
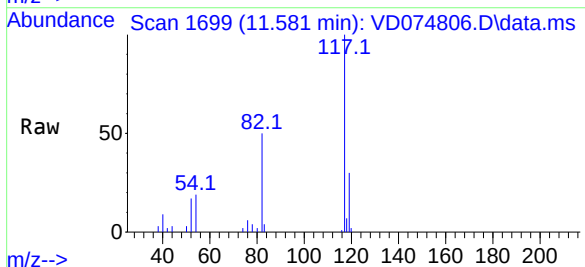
Instrument :
MSVOA_D
ClientSampleId :

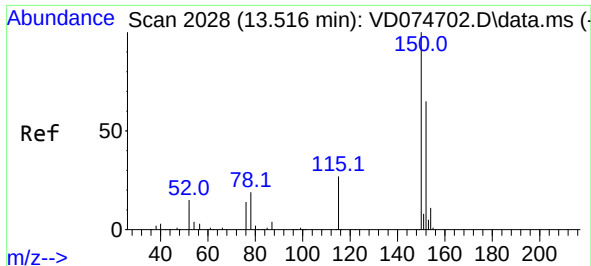
Tgt Ion:	95	Resp:	7260
Ion	Ratio	Lower	Upper
95	100		
174	100.5	0.0	197.0
176	102.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074806.D
Acq: 08 Nov 2022 16:02

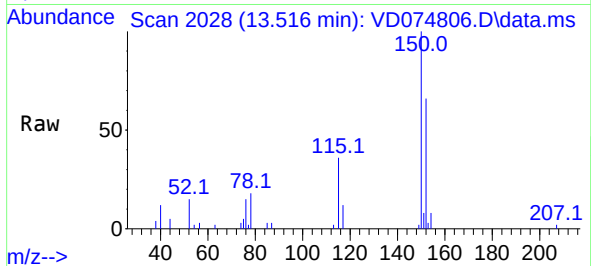
Tgt Ion:	117	Resp:	18678
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.6	62.4
119	29.5	25.2	37.8



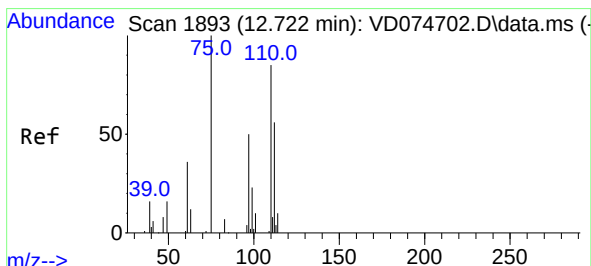
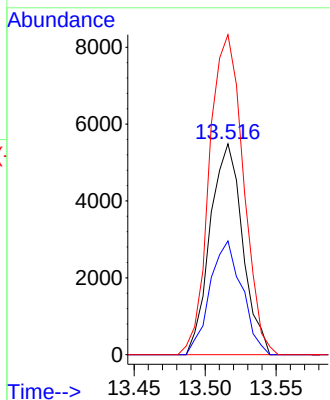
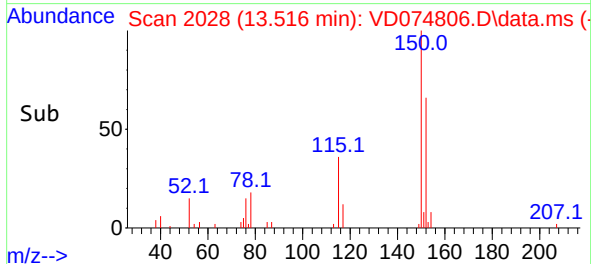


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074806.D
 Acq: 08 Nov 2022 16:02

Instrument :
 MSVOA_D
 ClientSampleId :

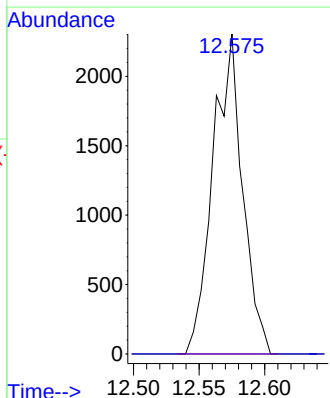
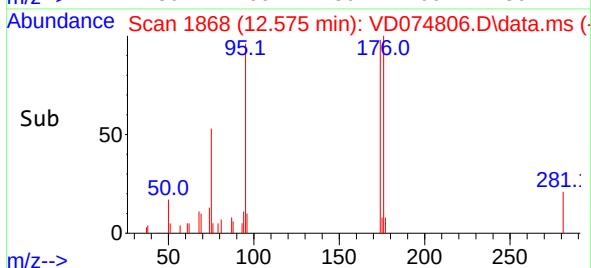
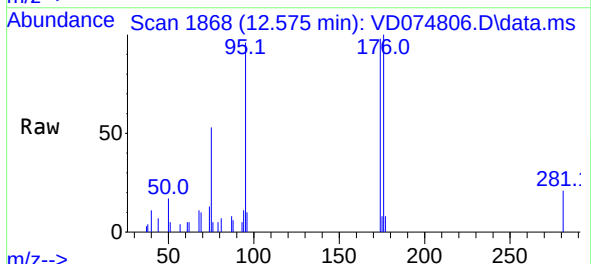


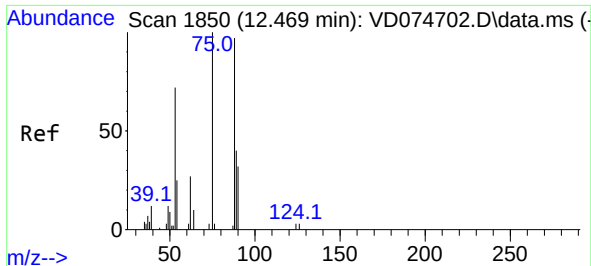
Tgt Ion:152 Resp: 8736
 Ion Ratio Lower Upper
 152 100
 115 53.2 26.8 80.4
 150 158.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 53.439 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074806.D
 Acq: 08 Nov 2022 16:02

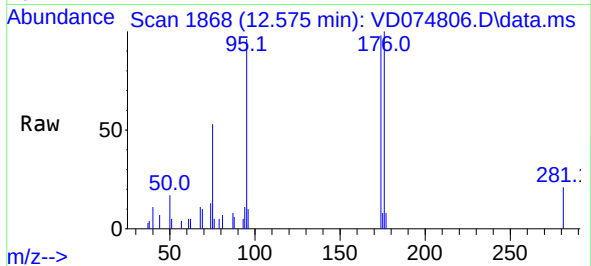
Tgt Ion: 75 Resp: 3619
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.851 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074806.D
 Acq: 08 Nov 2022 16:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	3619
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

