

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070921.D
 Acq On : 03 Nov 2021 20:22
 Operator : VA/SY
 Sample : M4475-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 22:16:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

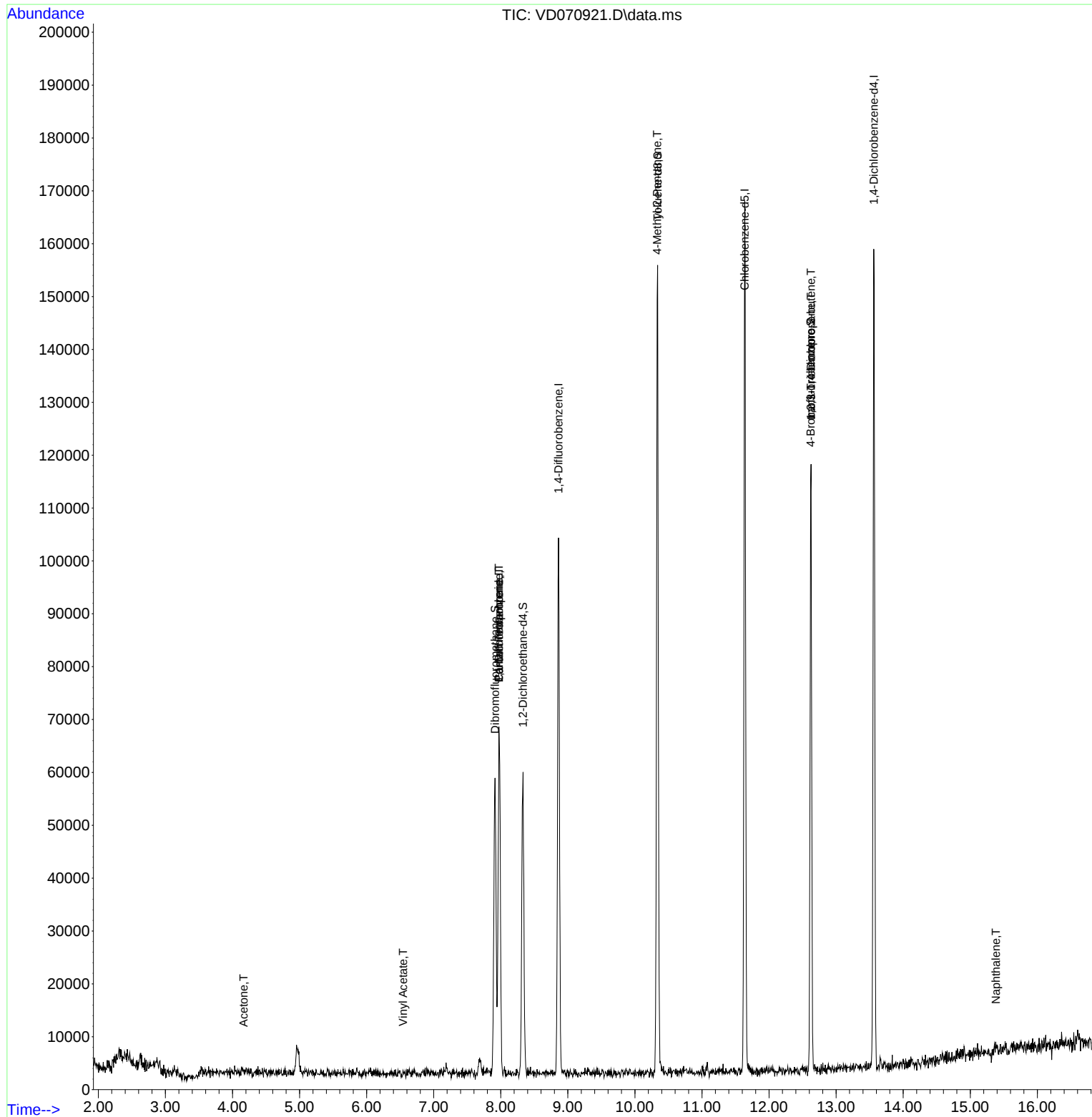
Internal Standards						
1) Pentafluorobenzene	7.973	168	49965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	87039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	98400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	44171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43537	86.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.280%#	
35) Dibromofluoromethane	7.914	113	41148	71.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.400%	
50) Toluene-d8	10.337	98	110718	51.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.620	95	39745	55.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	117	Below Cal	#	1
16) Acetone	4.167	43	537	4.593	ug/l #	40
23) Vinyl Acetate	6.544	43	65	14.489	ug/l #	72
36) 1,1-Dichloropropene	7.973	75	4319	4.743	ug/l #	43
38) Carbon Tetrachloride	7.973	117	5167	5.642	ug/l #	12
51) 4-Methyl-2-Pentanone	10.332	43	412	1.248	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	17537	40.331	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	17537	105.855	ug/l #	18
95) Naphthalene	15.384	128	129	4.209	ug/l #	69

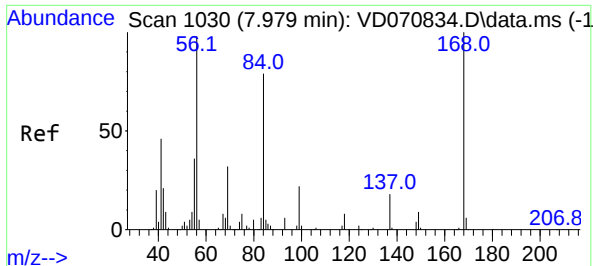
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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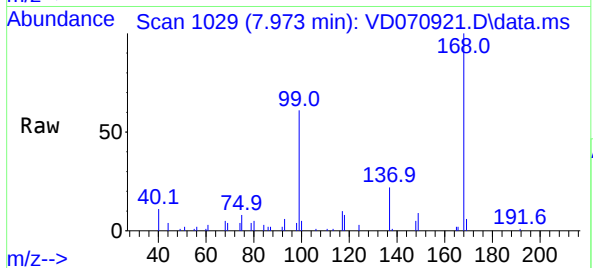
Quant Time: Nov 03 22:16:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
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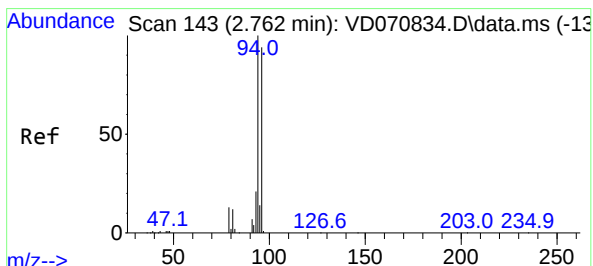
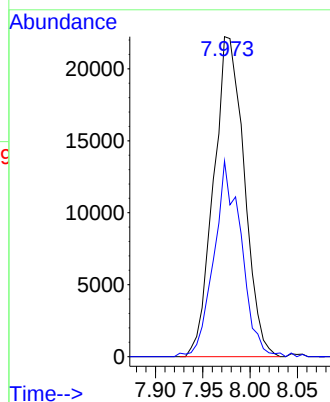
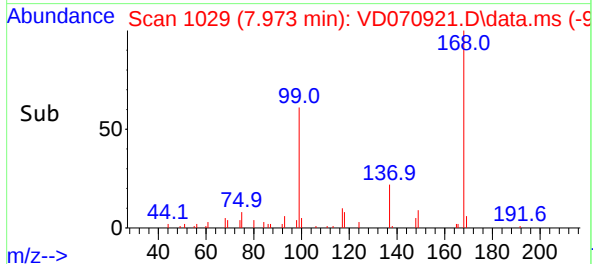


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

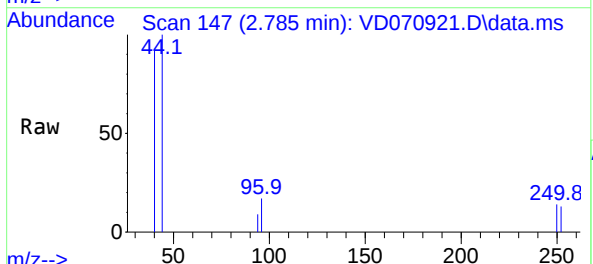
Instrument :
MSVOA_D
ClientSampleId :



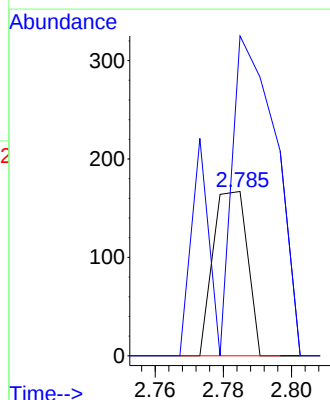
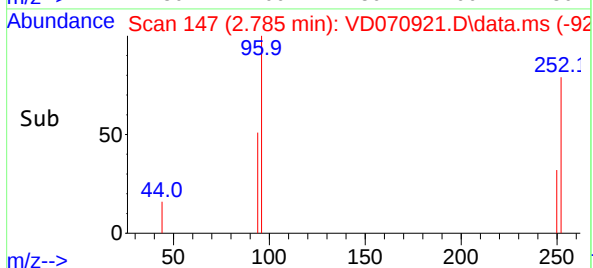
Tgt Ion:168 Resp: 49965
Ion Ratio Lower Upper
168 100
99 60.1 46.6 69.8

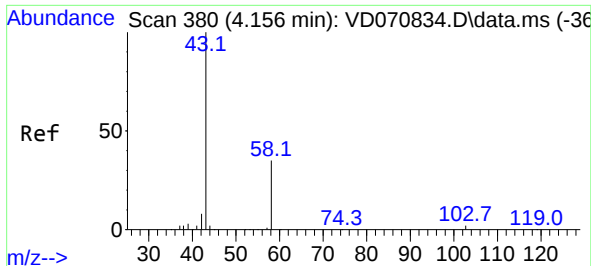


#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22



Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 194.6 74.8 112.2#

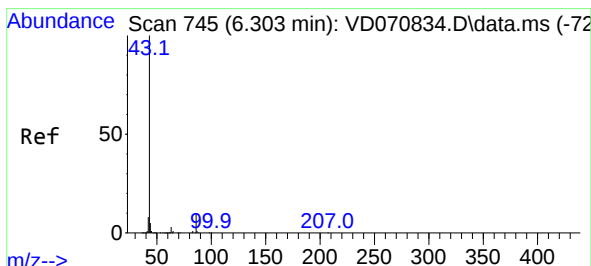
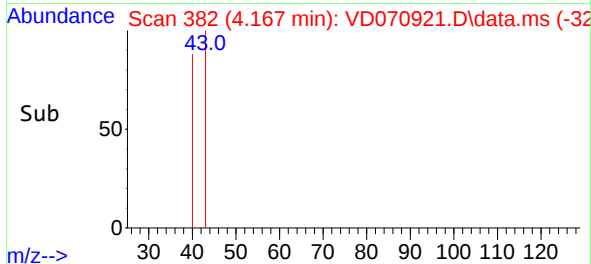
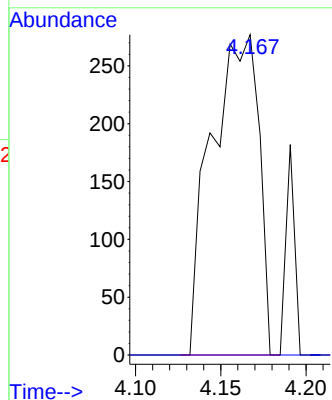
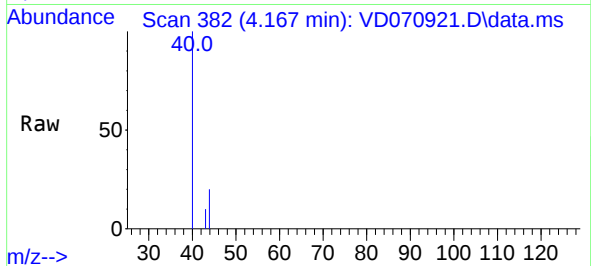




#16
Acetone
Concen: 4.593 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

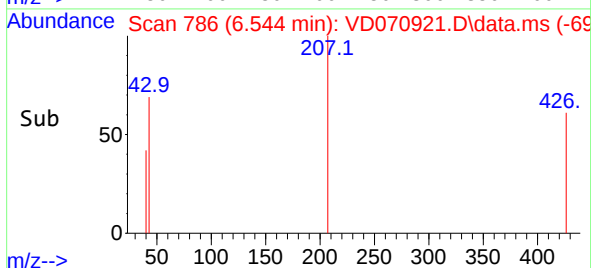
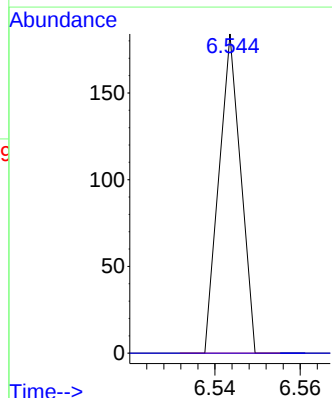
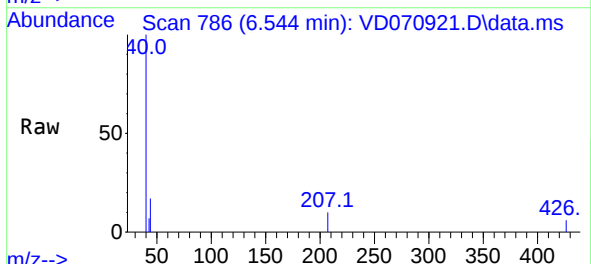
Instrument :
MSVOA_D
ClientSampleId :

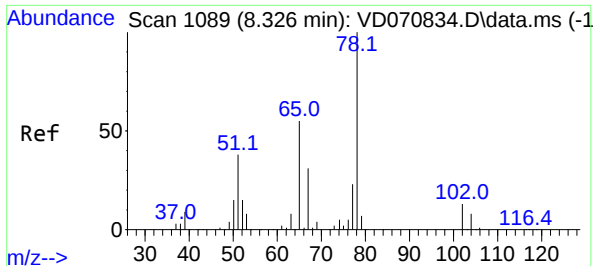
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#23
Vinyl Acetate
Concen: 14.489 ug/l
RT: 6.544 min Scan# 786
Delta R.T. 0.241 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#





#33

1,2-Dichloroethane-d4

Concen: 86.637 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD070921.D

Acq: 03 Nov 2021 20:22

Instrument :

MSVOA_D

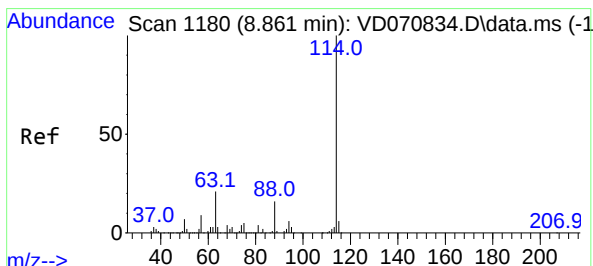
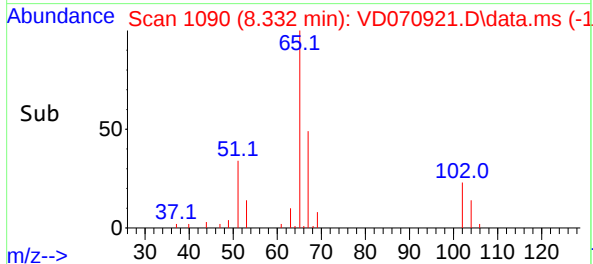
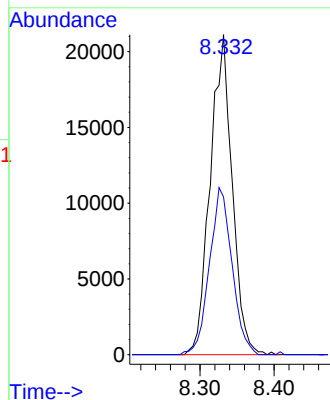
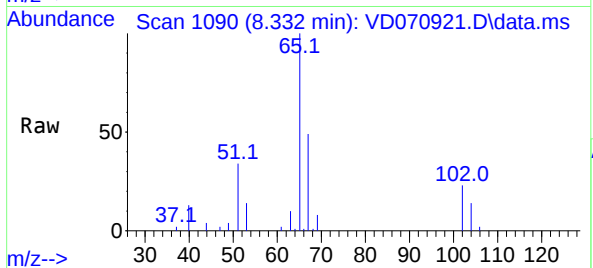
ClientSampleId :

Tgt Ion: 65 Resp: 43537

Ion Ratio Lower Upper

65 100

67 53.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070921.D

Acq: 03 Nov 2021 20:22

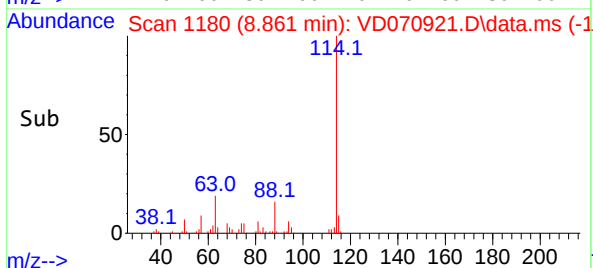
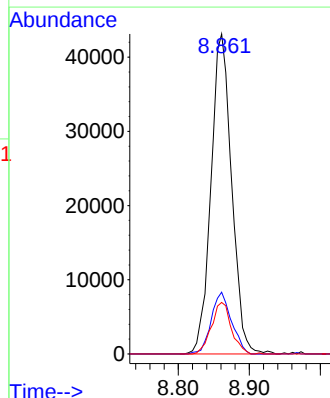
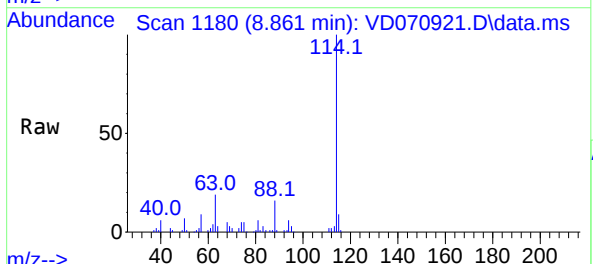
Tgt Ion: 114 Resp: 87039

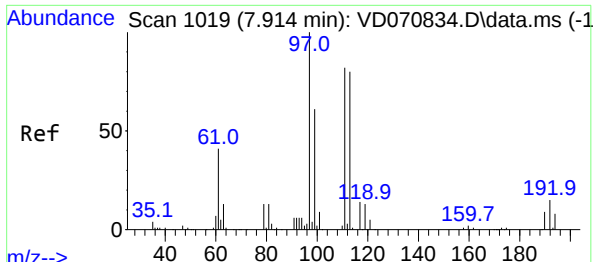
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.8

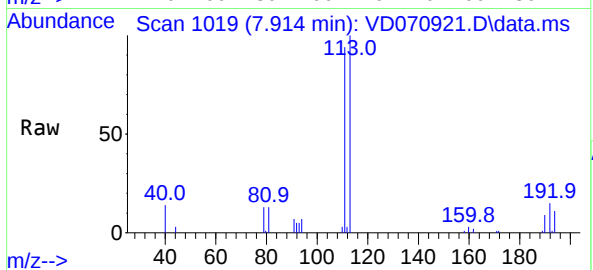
88 16.1 0.0 32.8



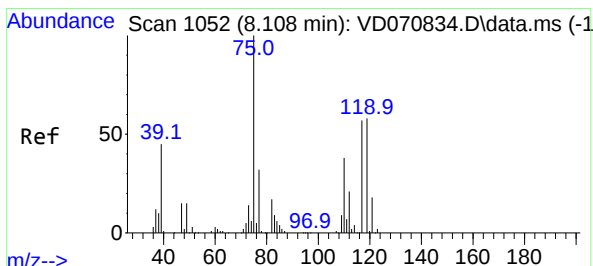
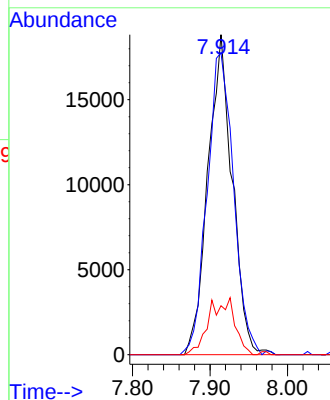
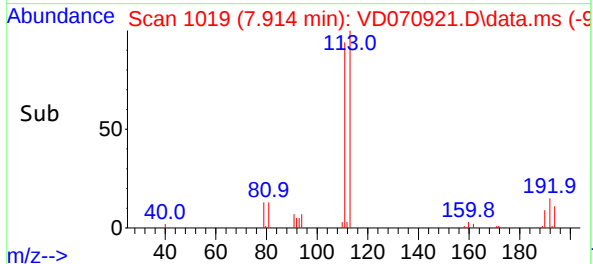


#35
Dibromofluoromethane
Concen: 71.700 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Instrument :
MSVOA_D
ClientSampleId :

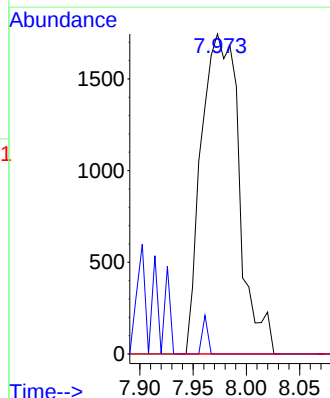
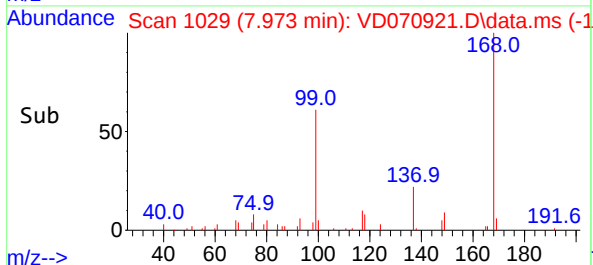
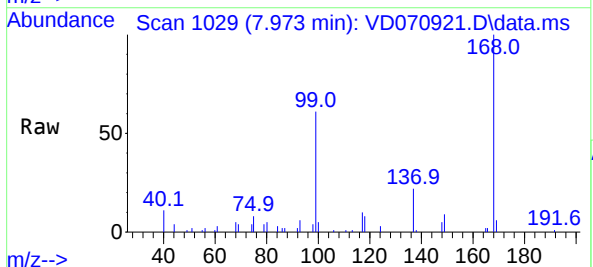


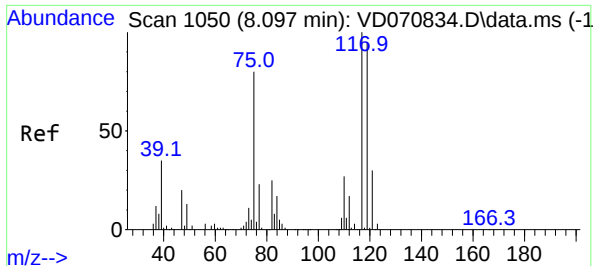
Tgt Ion:113 Resp: 41148
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 18.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

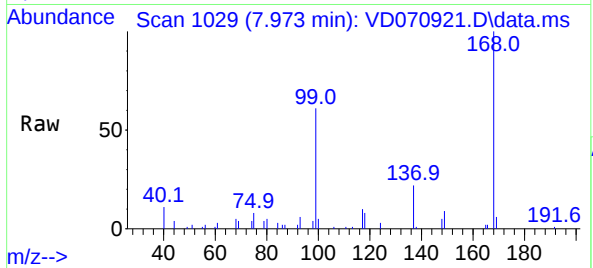
Tgt Ion: 75 Resp: 4319
Ion Ratio Lower Upper
75 100
110 1.7 17.8 53.4#
77 0.0 24.8 37.2#



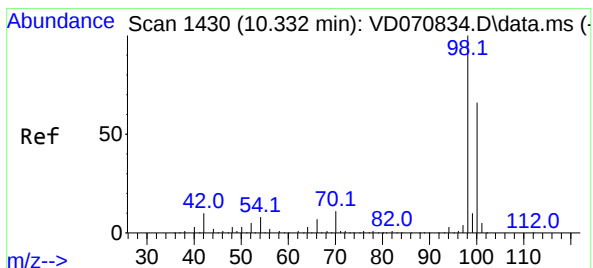
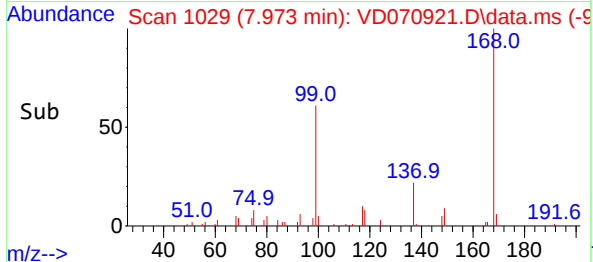
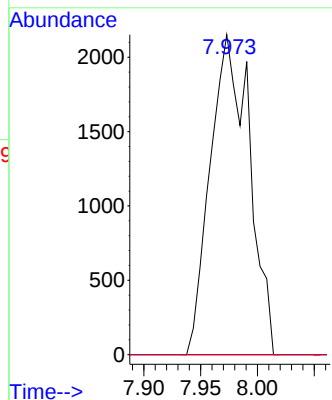


#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Instrument :
MSVOA_D
ClientSampleId :

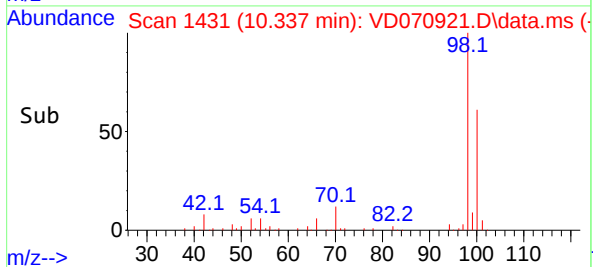
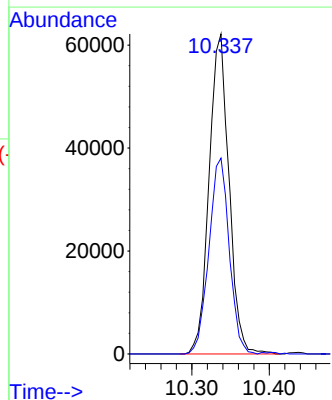
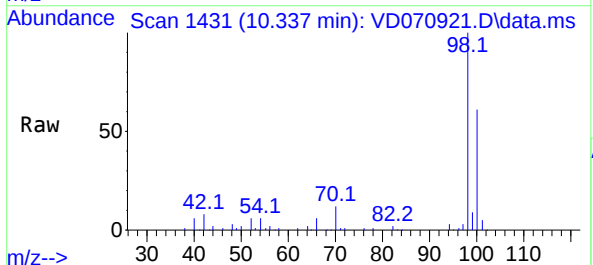


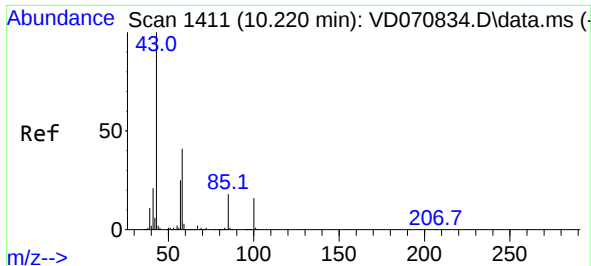
Tgt Ion:117 Resp: 5167
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion: 98 Resp: 110718
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.6

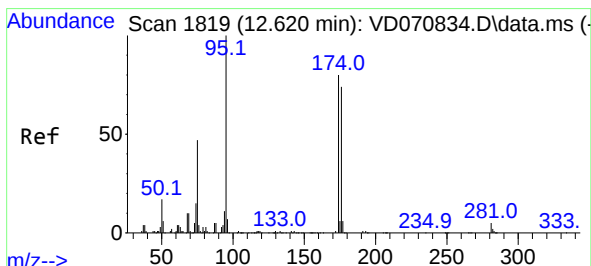
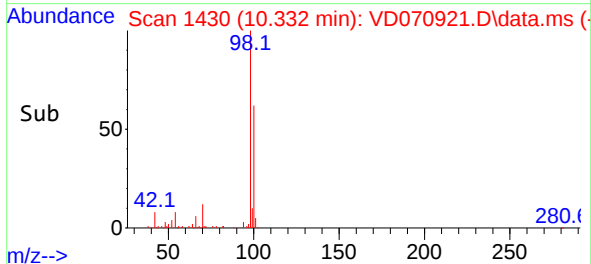
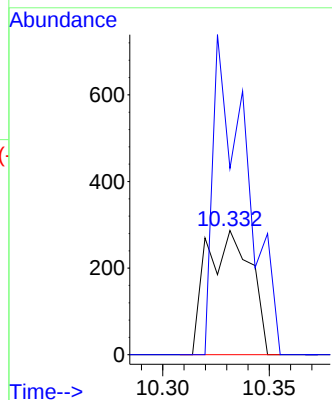
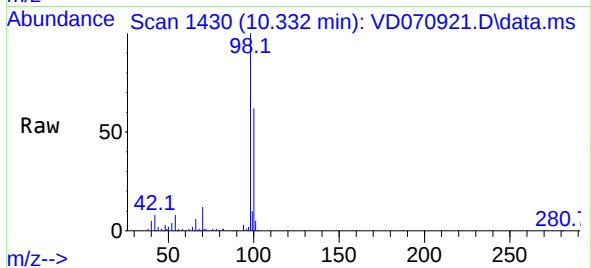




#51
4-Methyl-2-Pentanone
Concen: 1.248 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

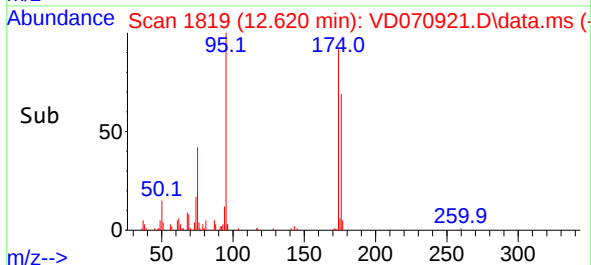
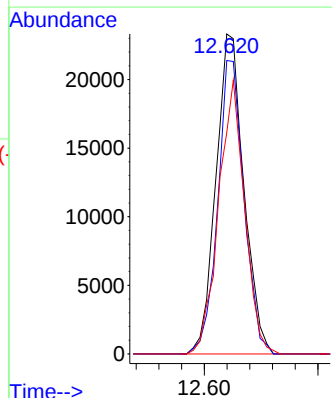
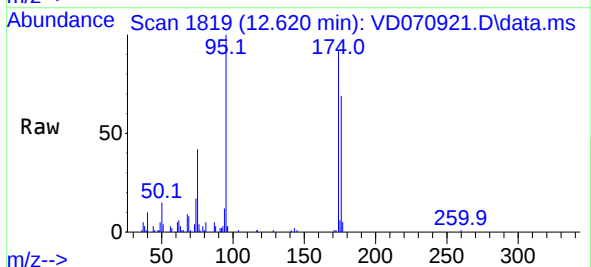
Instrument :
MSVOA_D
ClientSampleId :

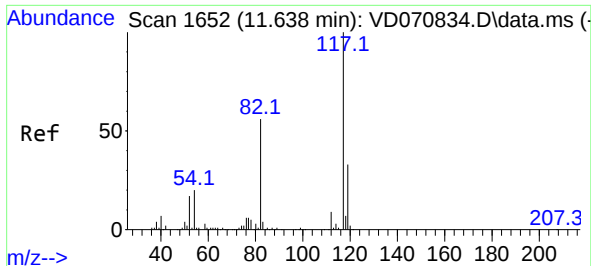
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 193.4 33.1 49.7#



#62
4-Bromofluorobenzene
Concen: 55.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

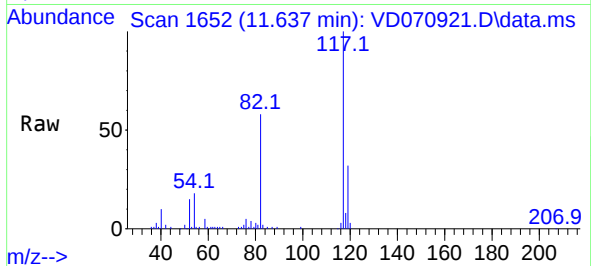
Tgt Ion: 95 Resp: 39745
Ion Ratio Lower Upper
95 100
174 86.3 0.0 159.4
176 79.4 0.0 154.0



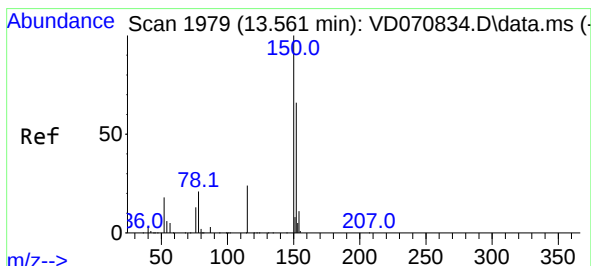
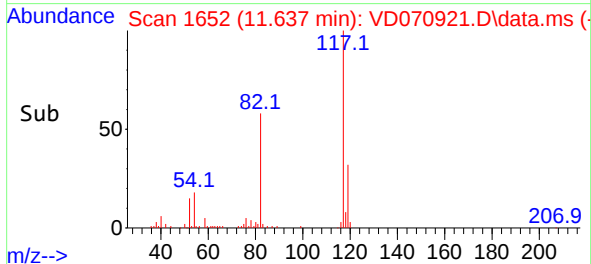
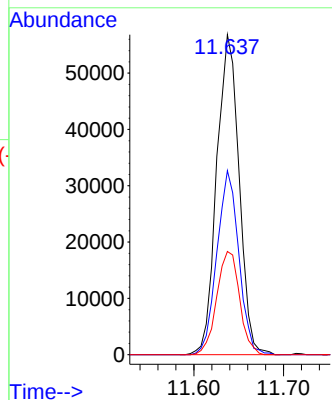


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Instrument :
MSVOA_D
ClientSampleId :

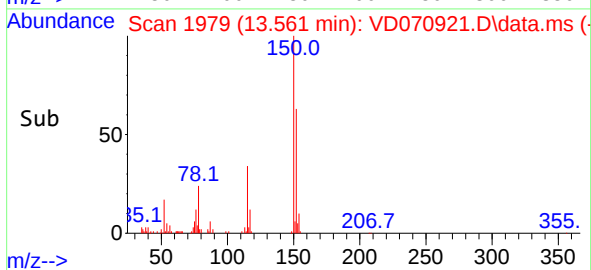
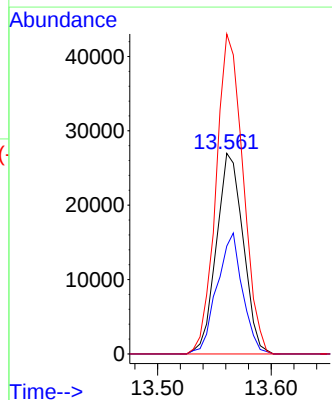
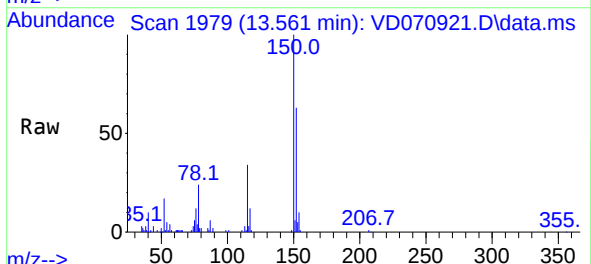


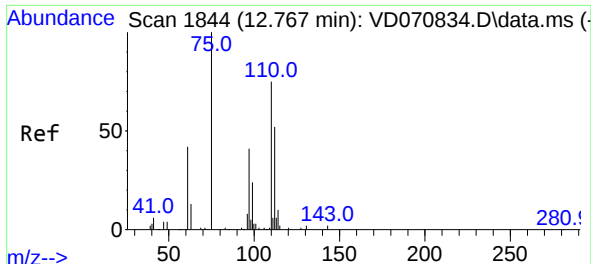
Tgt Ion:117 Resp: 98400
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion:152 Resp: 44171
Ion Ratio Lower Upper
152 100
115 57.5 29.8 89.3
150 161.2 0.0 349.2

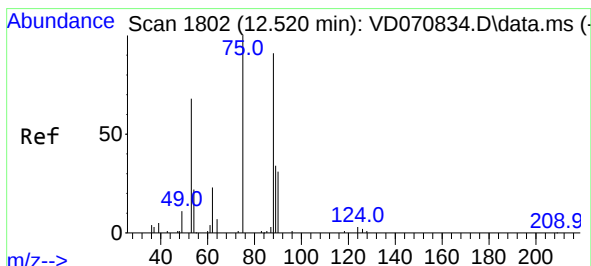
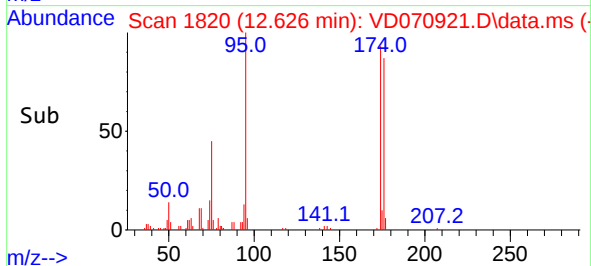
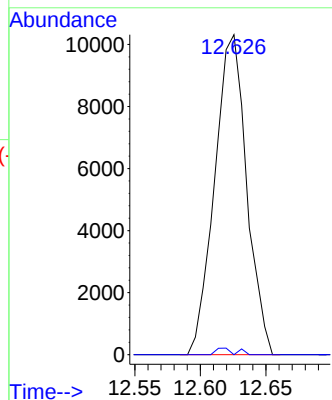
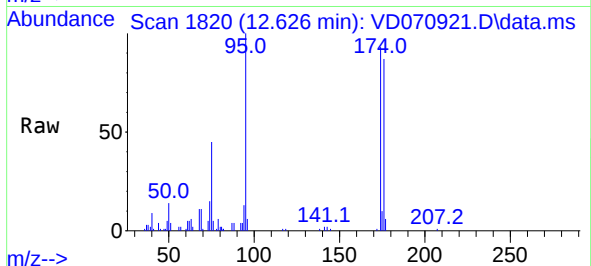




#76
1,2,3-Trichloropropane
Concen: 40.331 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

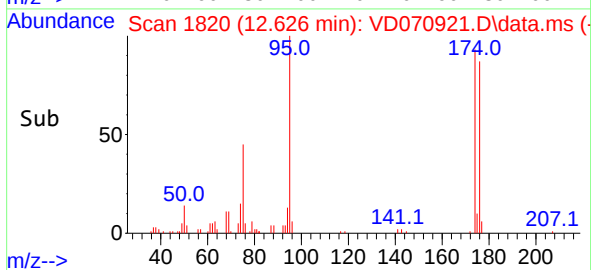
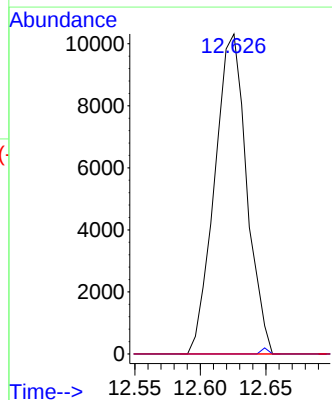
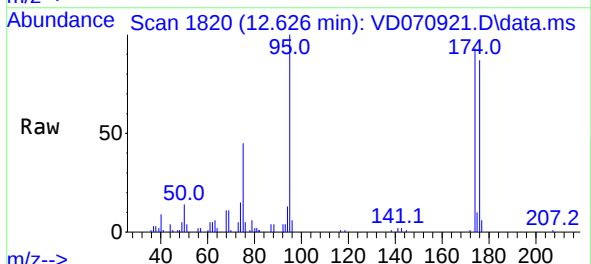
Instrument :
MSVOA_D
ClientSampleId :

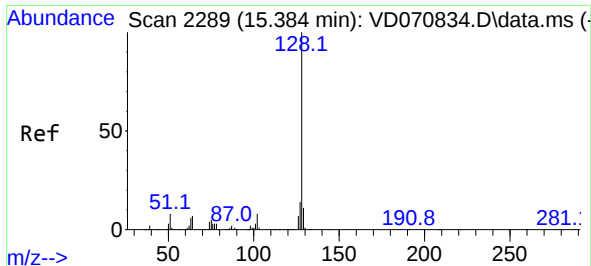
Tgt Ion: 75 Resp: 17537
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.855 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

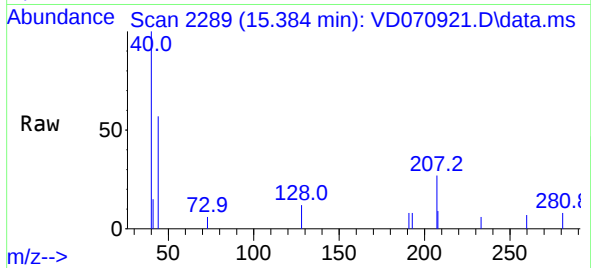
Tgt Ion: 75 Resp: 17537
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.209 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	129
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

