

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071890.D
 Acq On : 03 Feb 2022 13:52
 Operator : VA/SY
 Sample : N1382-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

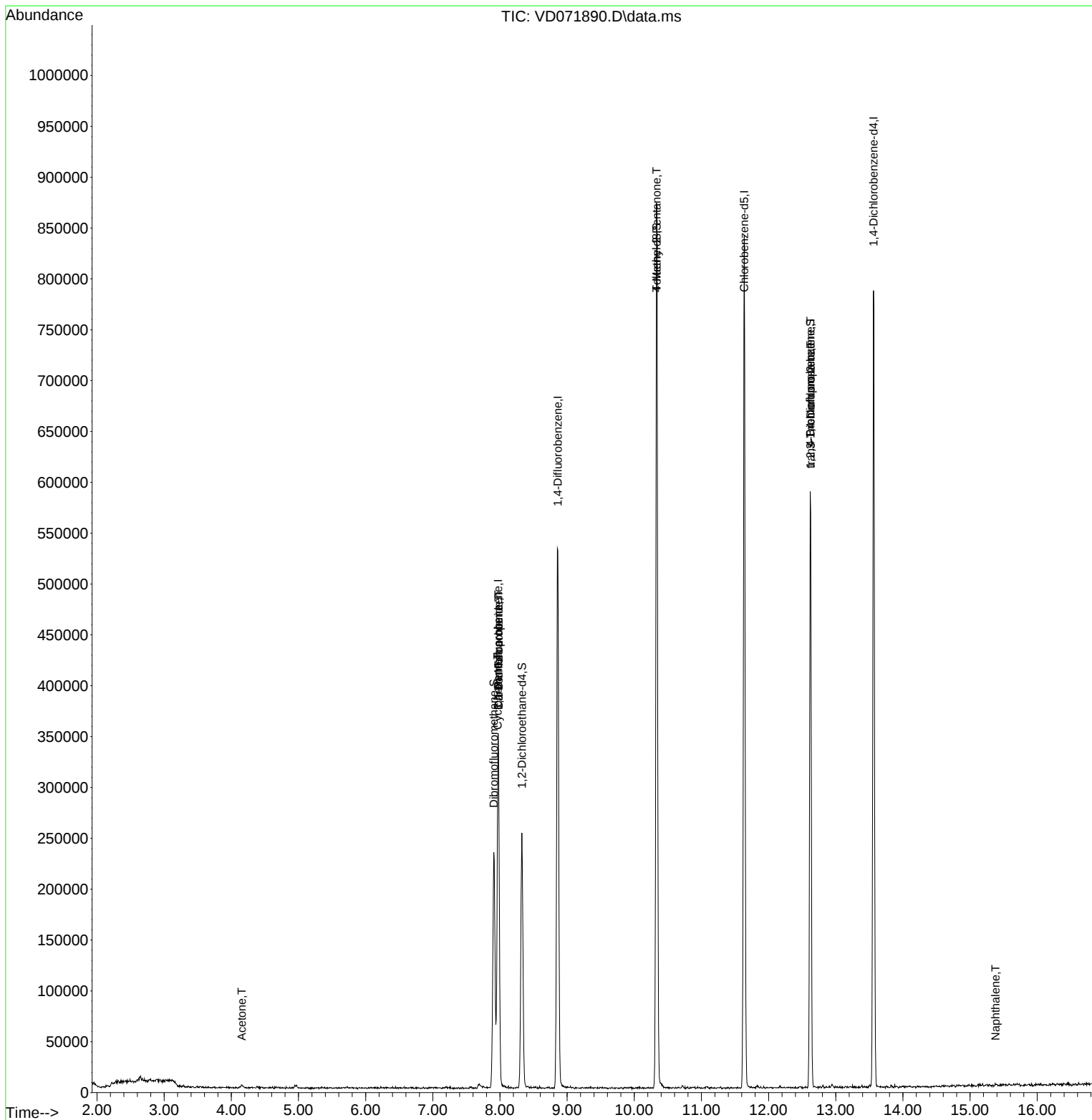
Quant Time: Feb 04 00:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

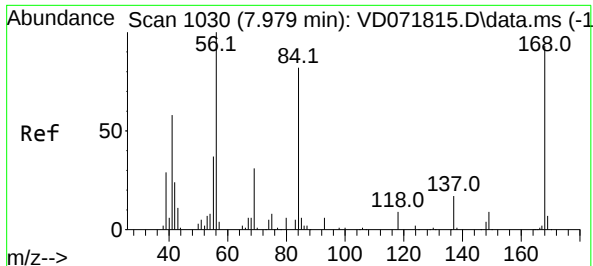
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	231479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	432322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	195320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200598	68.562	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 137.120%		
35) Dibromofluoromethane	7.909	113	161192	56.722	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.440%		
50) Toluene-d8	10.332	98	556945	52.477	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.960%		
62) 4-Bromofluorobenzene	12.620	95	191659	51.713	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.420%		
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	4377	5.465	ug/l #	74
20) Methylene Chloride	4.973	84	1814	Below Cal	#	59
31) Cyclohexane	7.967	56	7137	1.278	ug/l #	14
36) 1,1-Dichloropropene	7.979	75	23892	4.898	ug/l #	51
38) Carbon Tetrachloride	7.979	117	25526	5.292	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	3500	1.641	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	106193	51.589	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	106193	126.846	ug/l #	7
95) Naphthalene	15.379	128	610	1.541	ug/l #	70

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

Quant Time: Feb 04 00:50:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
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QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

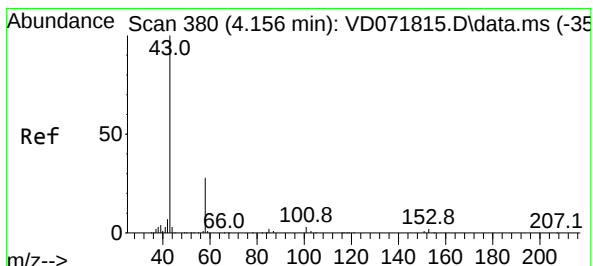
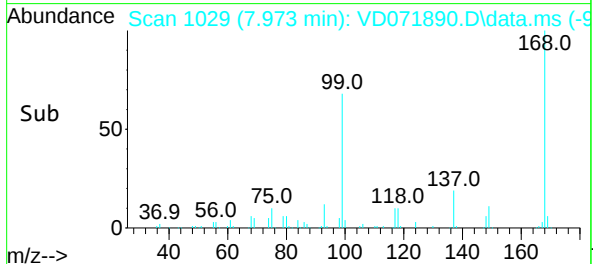
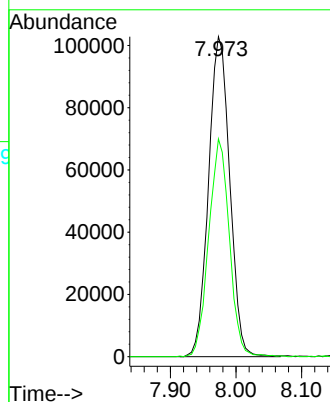
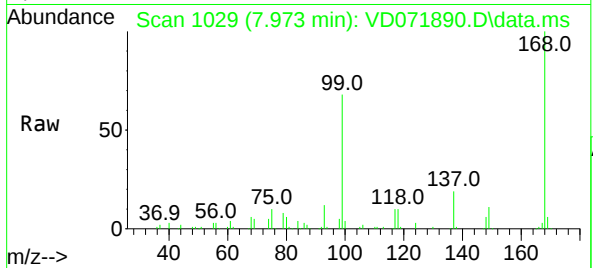




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

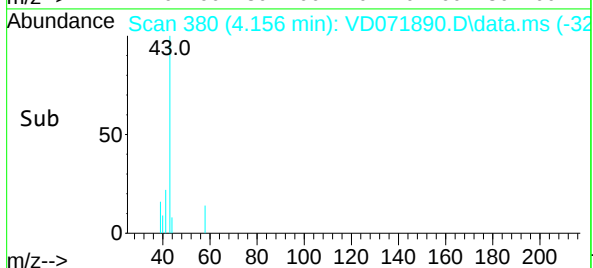
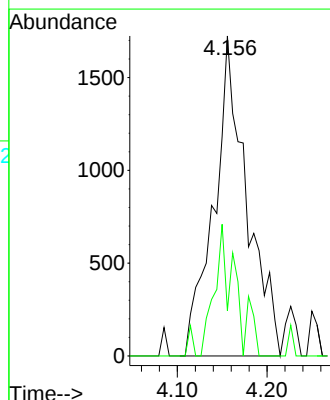
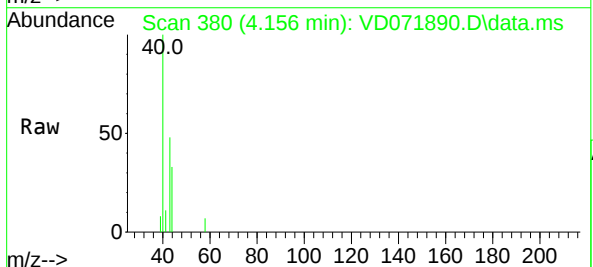
Instrument :
MSVOA_D
ClientSampleId :

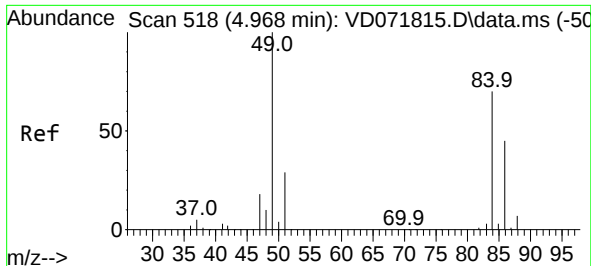
Tgt Ion:168 Resp: 231479
Ion Ratio Lower Upper
168 100
99 67.9 49.8 74.6



#16
Acetone
Concen: 5.465 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

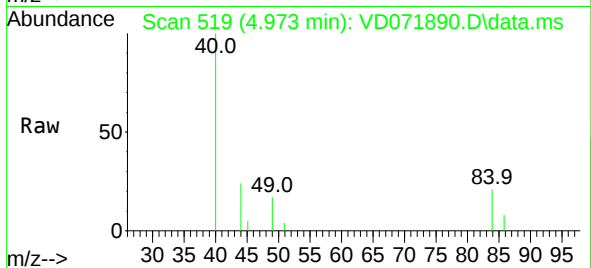
Tgt Ion: 43 Resp: 4377
Ion Ratio Lower Upper
43 100
58 14.2 22.1 33.1#





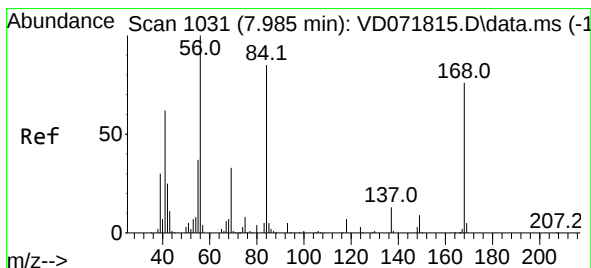
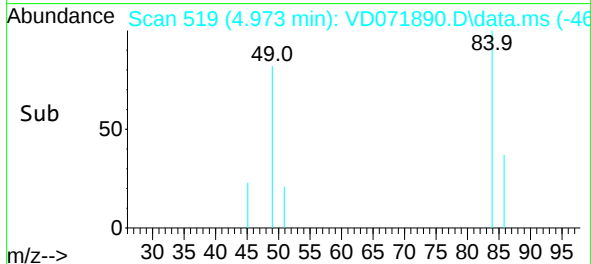
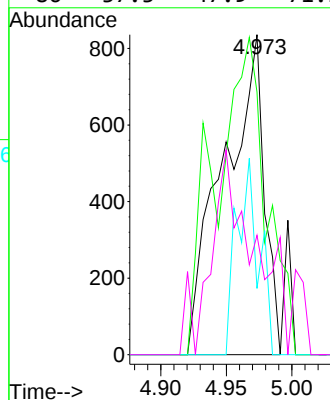
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 1814

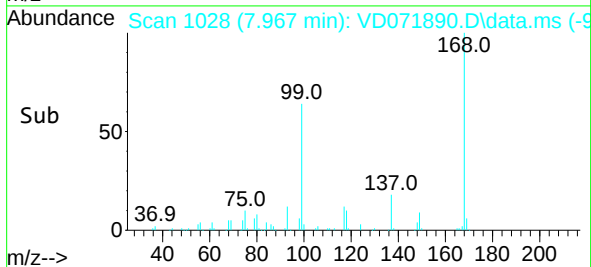
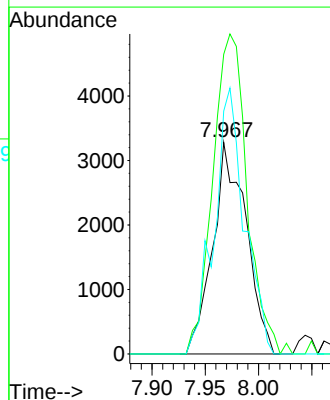
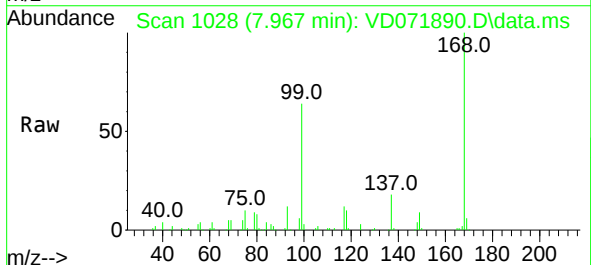
Ion	Ratio	Lower	Upper
84	100		
49	82.1	112.8	169.2#
51	20.7	32.6	48.8#
86	37.3	47.9	71.9#

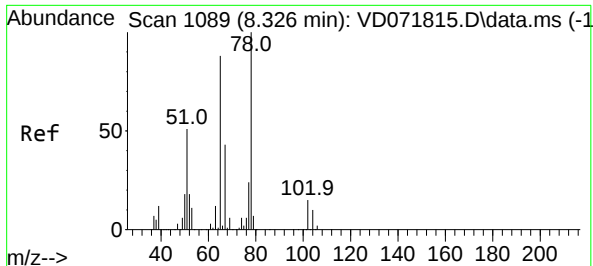


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Tgt Ion: 56 Resp: 7137

Ion	Ratio	Lower	Upper
56	100		
69	141.6	25.4	38.2#
84	114.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 68.562 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

Instrument :

MSVOA_D

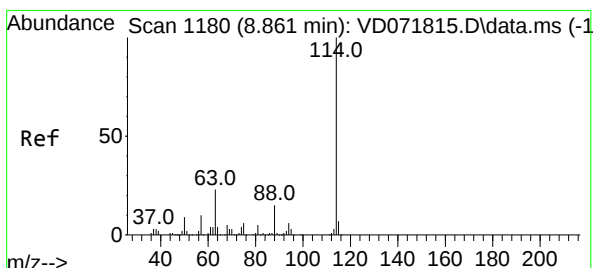
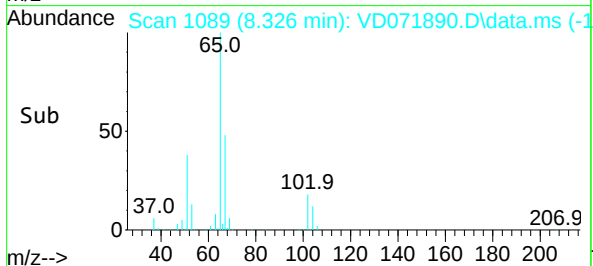
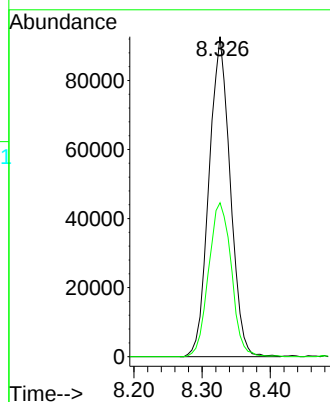
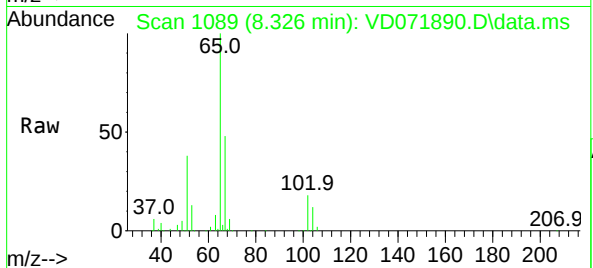
ClientSampleId :

Tgt Ion: 65 Resp: 200598

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

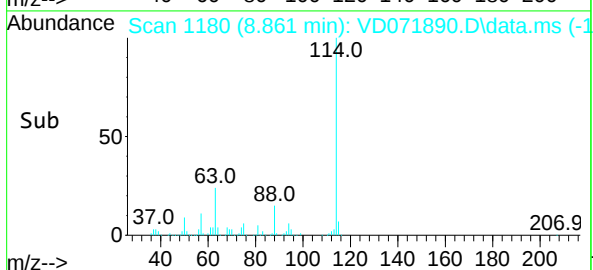
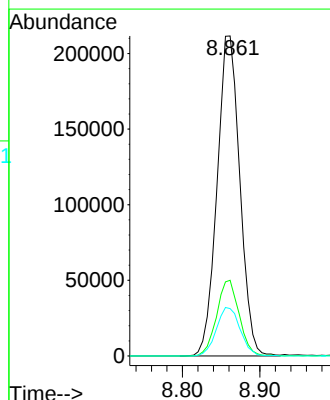
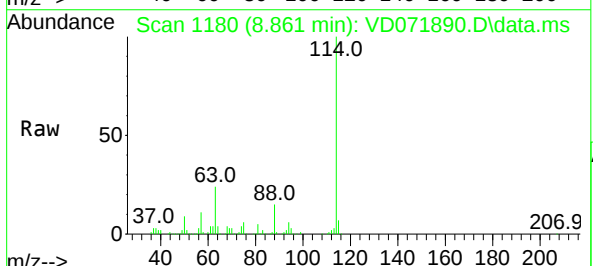
Tgt Ion: 114 Resp: 432322

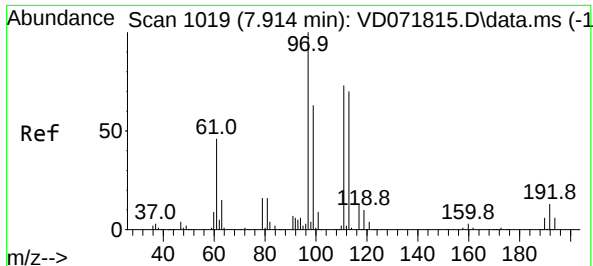
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.722 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.006 min

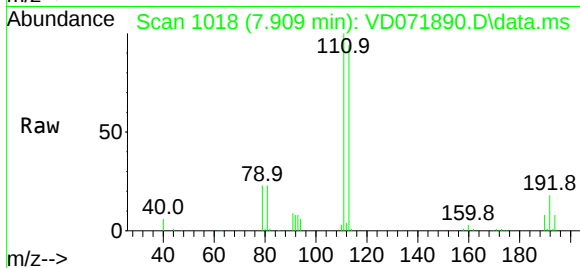
Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :



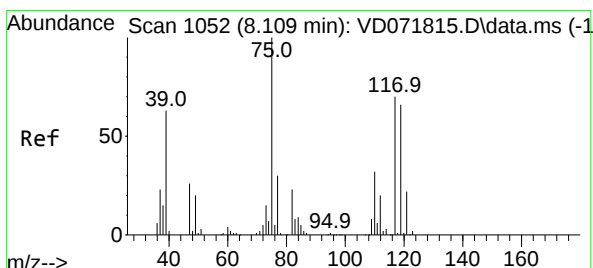
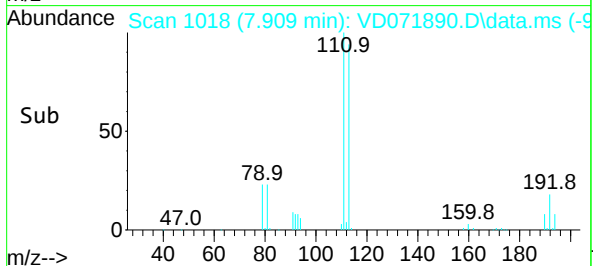
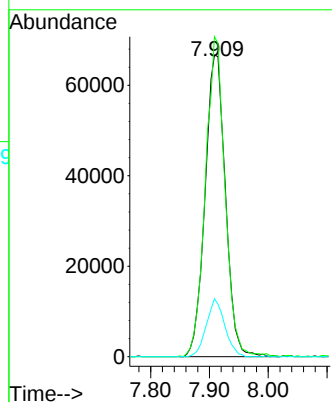
Tgt Ion:113 Resp: 161192

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

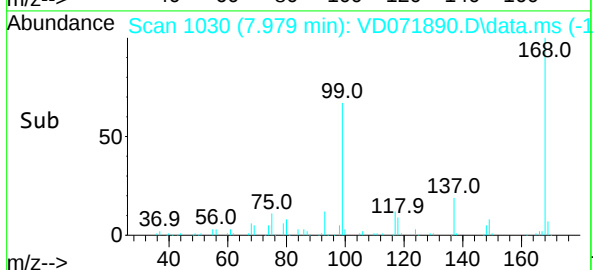
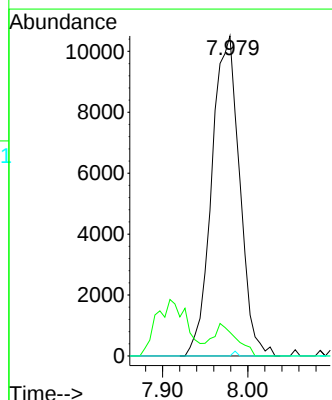
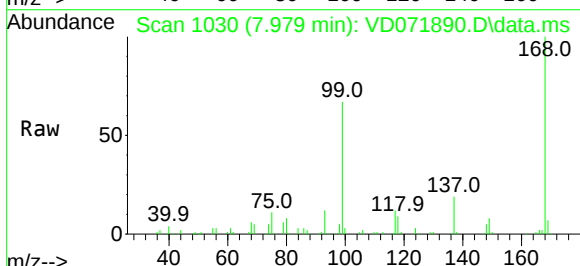
Tgt Ion: 75 Resp: 23892

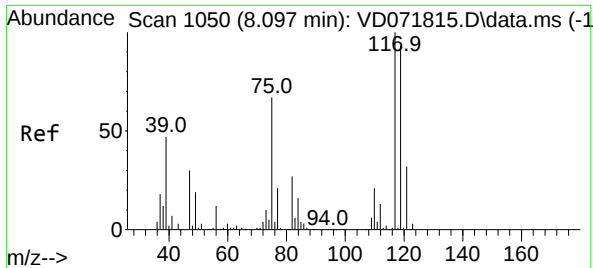
Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

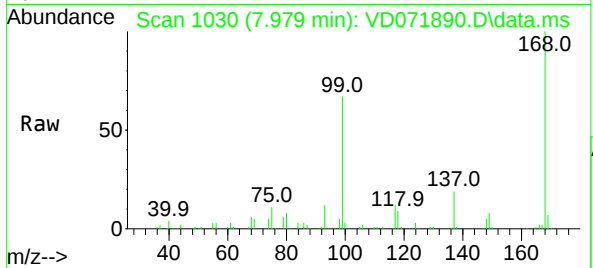
77 0.2 24.2 36.2#



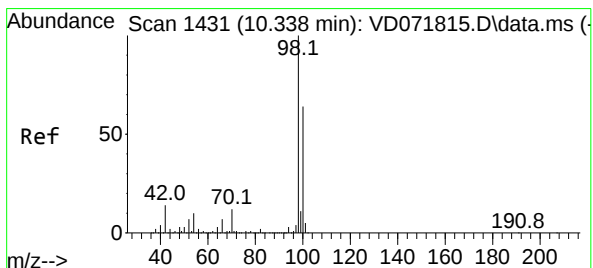
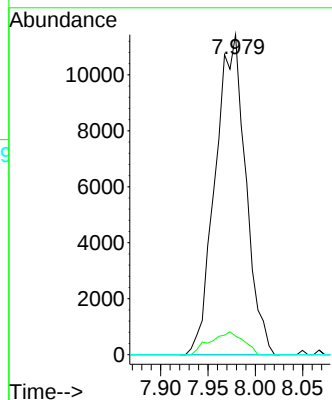
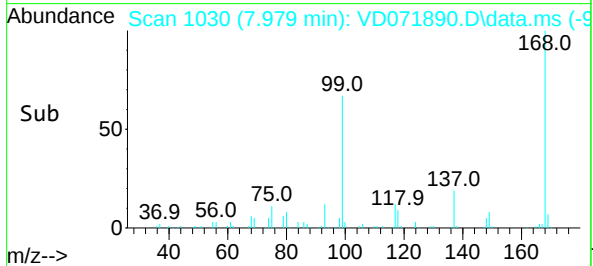


#38
Carbon Tetrachloride
Concen: 5.292 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :

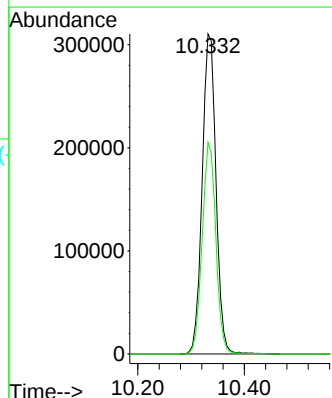
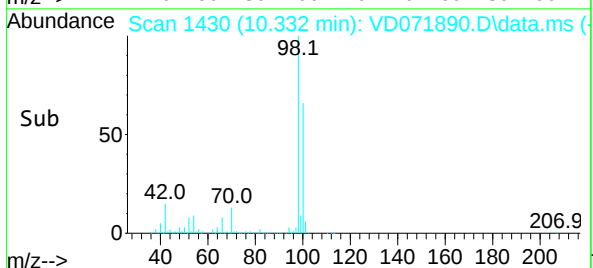
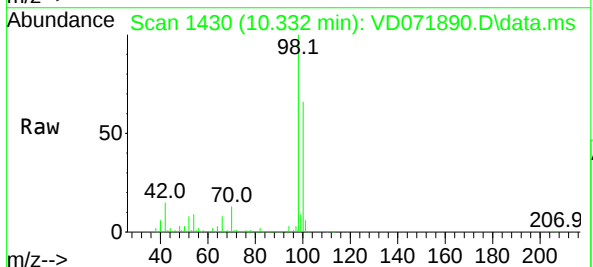


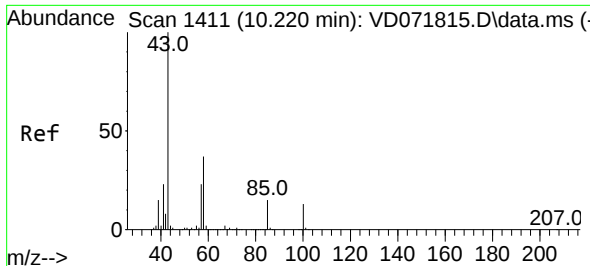
Tgt Ion:117 Resp: 25526
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Tgt Ion: 98 Resp: 556945
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

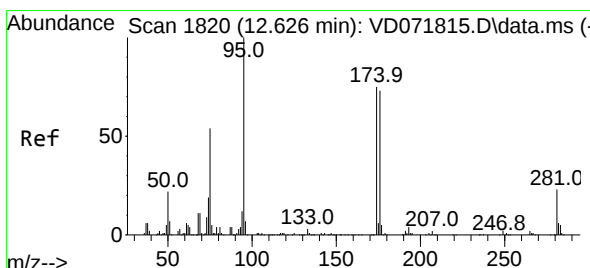
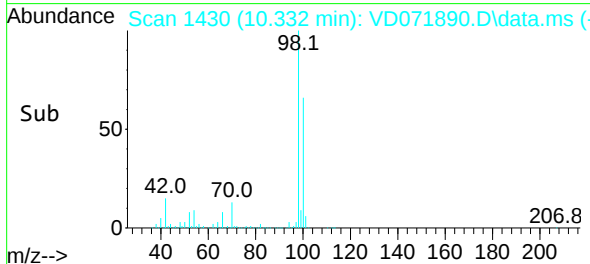
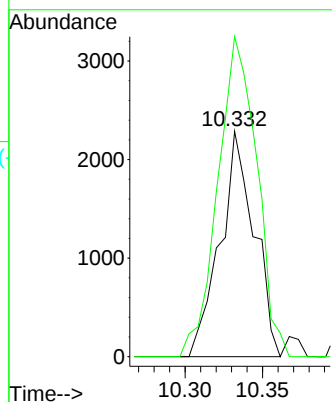
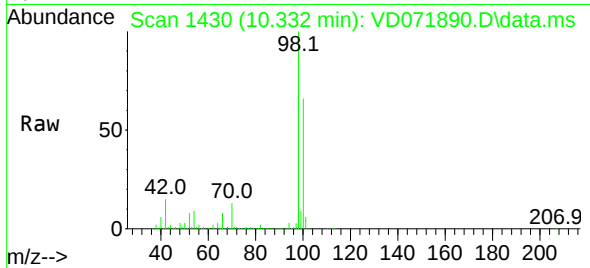




#51
4-Methyl-2-Pentanone
Concen: 1.641 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

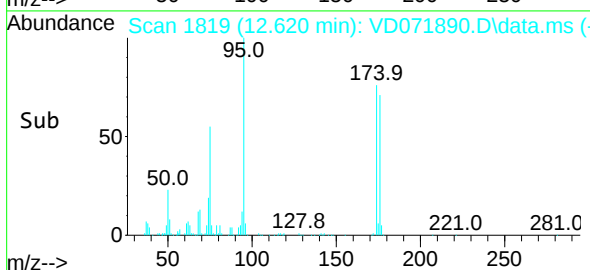
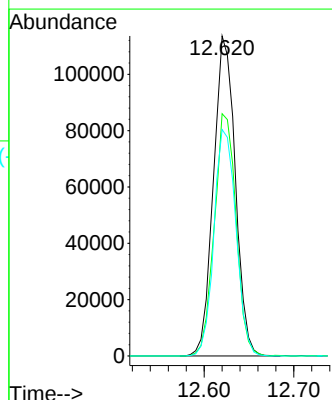
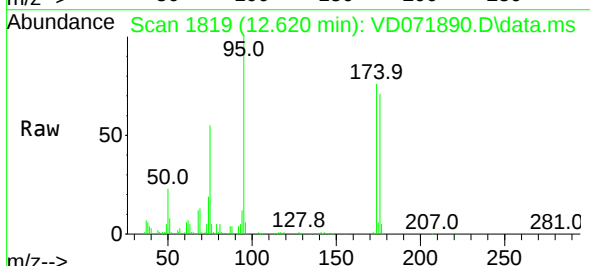
Instrument :
MSVOA_D
ClientSampleId :

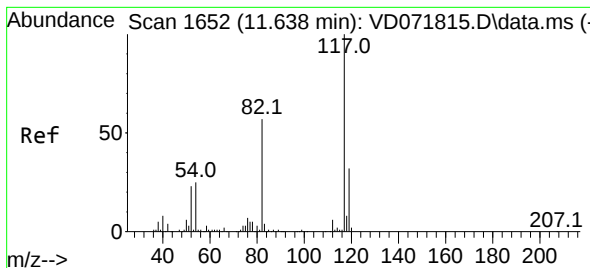
Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 161.9 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 51.713 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

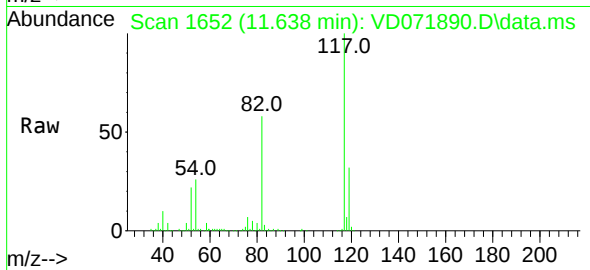
Tgt Ion: 95 Resp: 191659
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.4 0.0 145.4



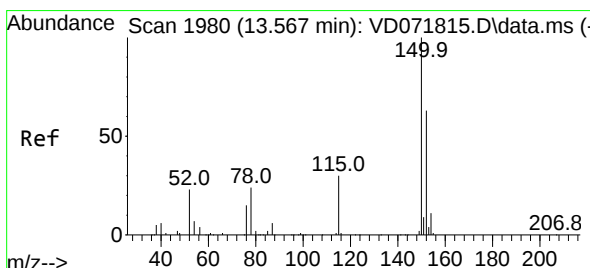
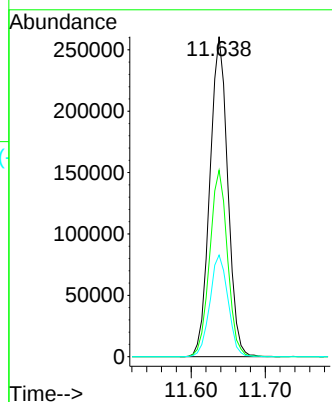
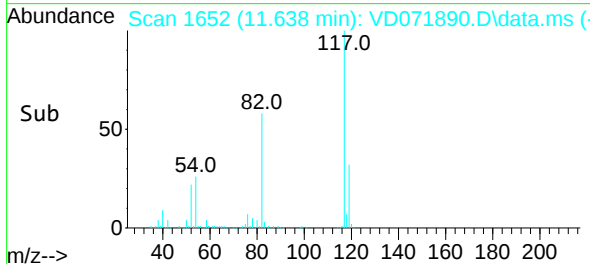


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

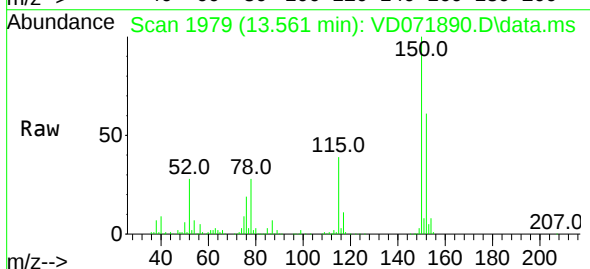
Instrument :
MSVOA_D
ClientSampleId :



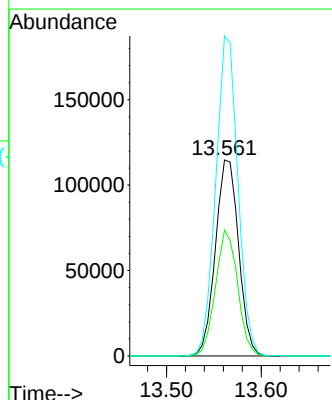
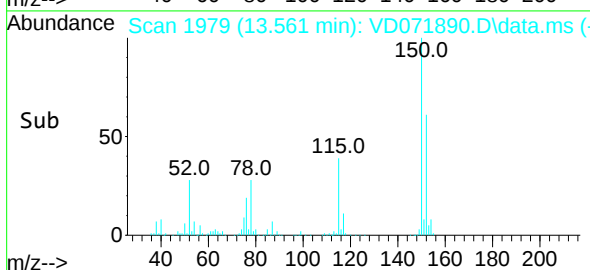
Tgt Ion:117 Resp: 437833
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.8 26.6 40.0

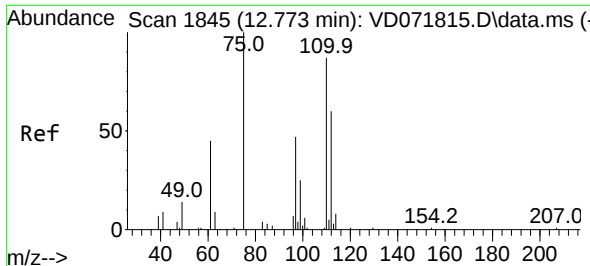


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52



Tgt Ion:152 Resp: 195320
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 156.3 0.0 348.6

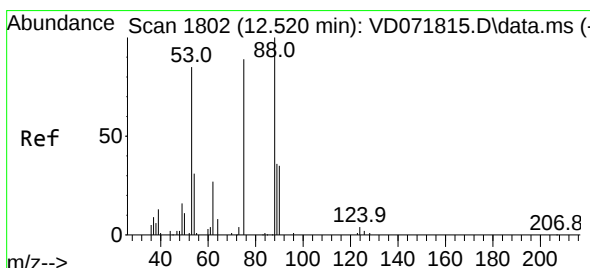
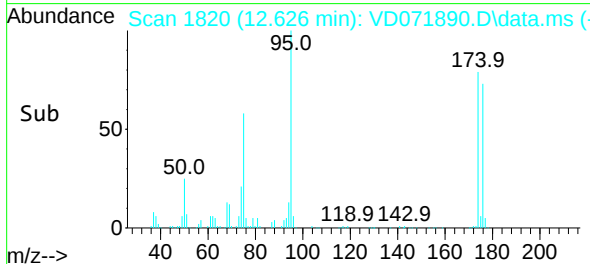
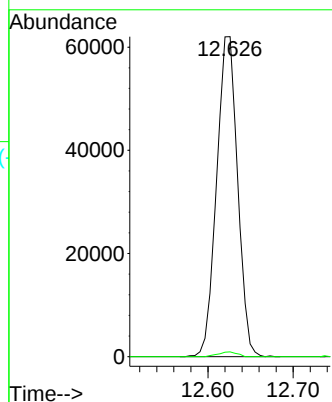
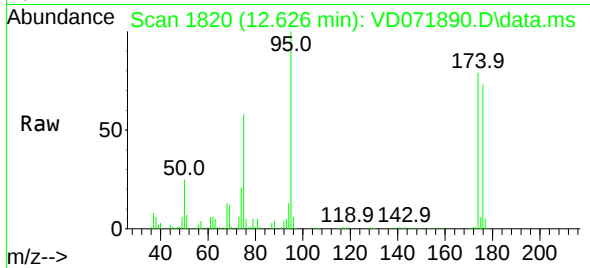




#76
1,2,3-Trichloropropane
Concen: 51.589 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

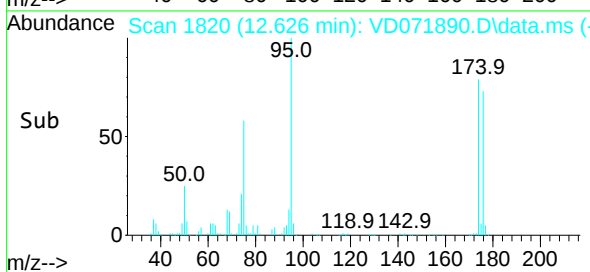
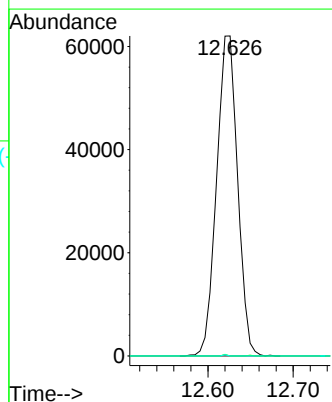
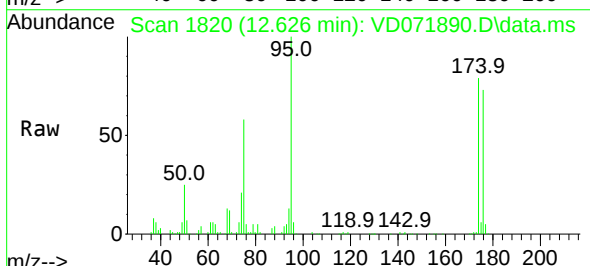
Instrument :
MSVOA_D
ClientSampleId :

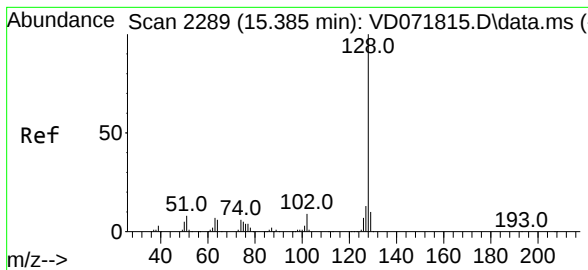
Tgt Ion: 75 Resp: 106193
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.846 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

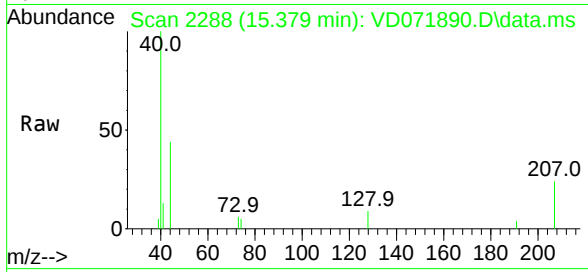
Tgt Ion: 75 Resp: 106193
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 1.541 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	610
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

