

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071965.D
 Acq On : 14 Feb 2022 19:01
 Operator : VA/SY
 Sample : N1524-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 15 00:38:36 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)

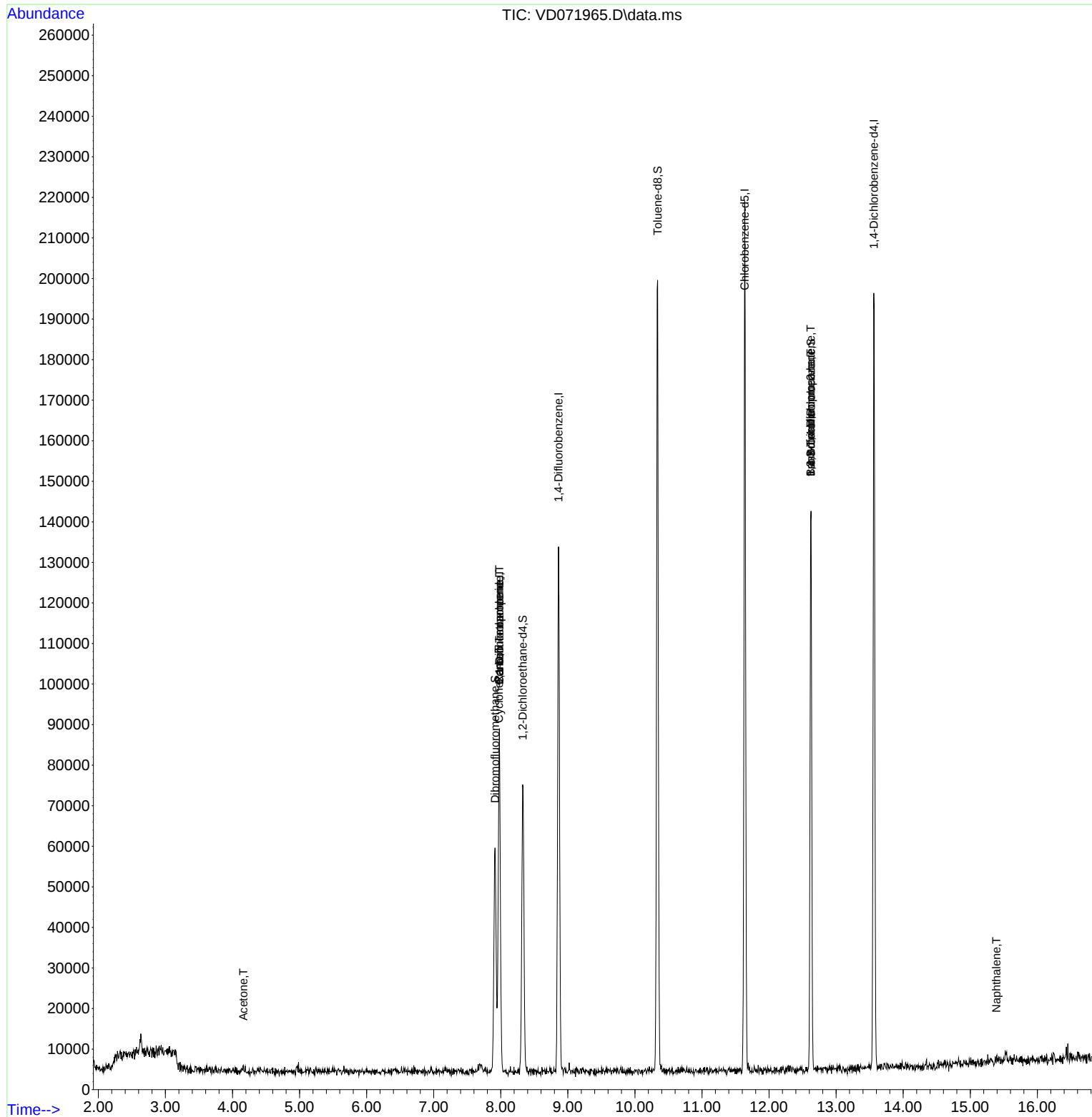
Internal Standards						
1) Pentafluorobenzene	7.979	168	53469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	98240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	106209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	47818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	56572	83.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.420%#	
35) Dibromofluoromethane	7.914	113	39224	60.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.480%	
50) Toluene-d8	10.337	98	127983	53.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.625	95	45534	54.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.140%	
Target Compounds						
16) Acetone	4.161	43	1256	6.789	ug/l #	47
20) Methylene Chloride	4.967	84	274	Below Cal	#	34
31) Cyclohexane	7.973	56	1769	1.371	ug/l #	72
36) 1,1-Dichloropropene	7.979	75	5304	4.786	ug/l #	50
38) Carbon Tetrachloride	7.979	117	6270	5.720	ug/l #	13
71) Bromoform	12.620	173	531	1.217	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	25167	49.940	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	25167	122.792	ug/l #	7
95) Naphthalene	15.390	128	181	1.560	ug/l #	70

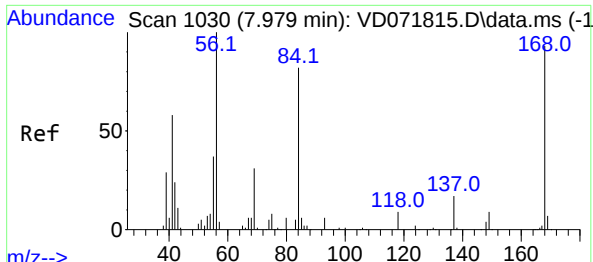
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
Data File : VD071965.D
Acq On : 14 Feb 2022 19:01
Operator : VA/SY
Sample : N1524-02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Quant Time: Feb 15 00:38:36 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

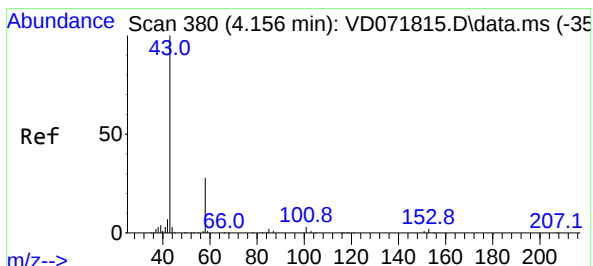
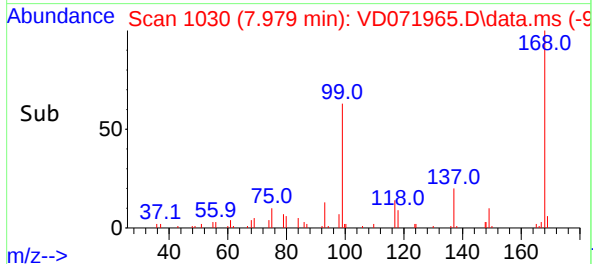
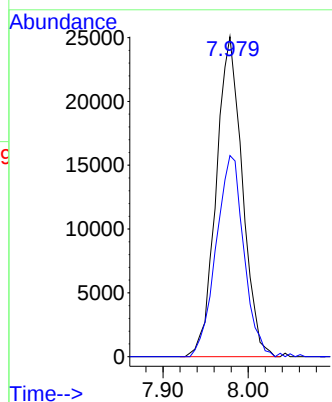
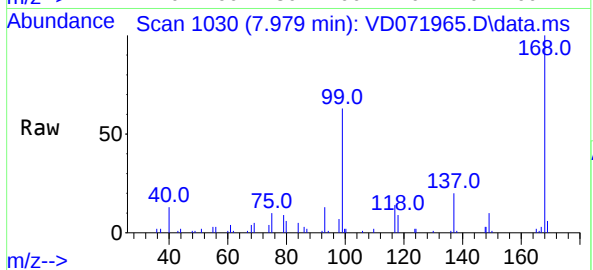




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

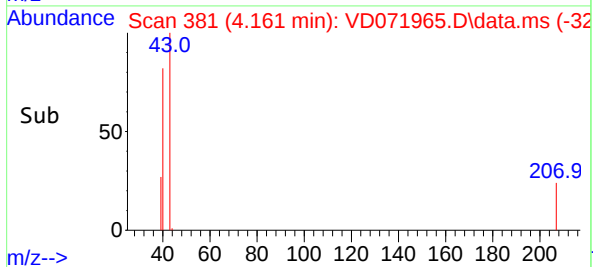
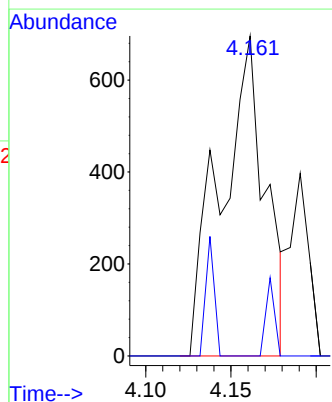
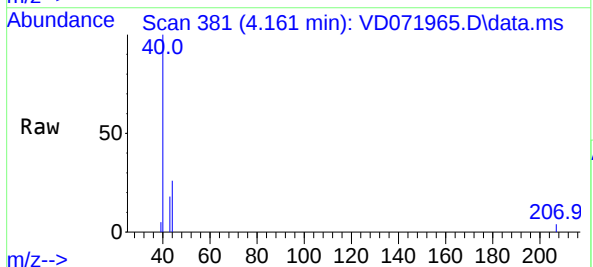
Instrument :
MSVOA_D
ClientSampleId :
TP-1

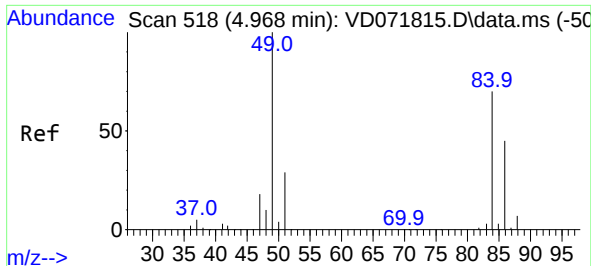
Tgt Ion:168 Resp: 53469
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#16
Acetone
Concen: 6.789 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



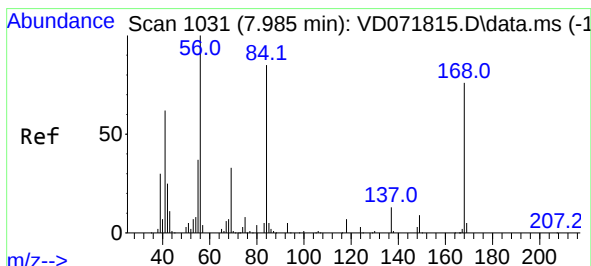
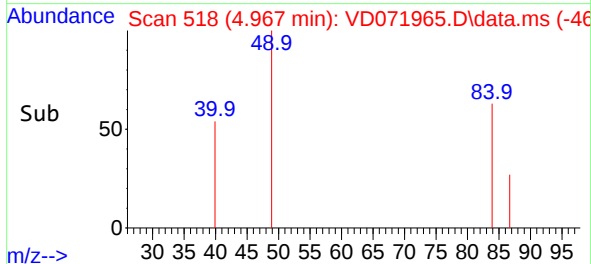
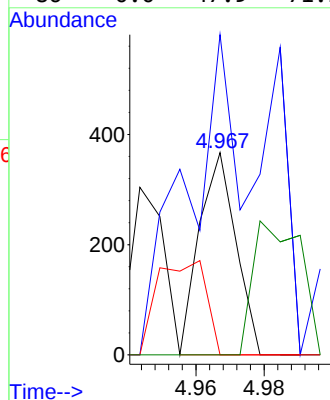
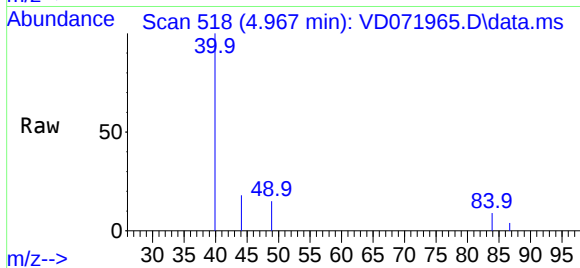


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 274

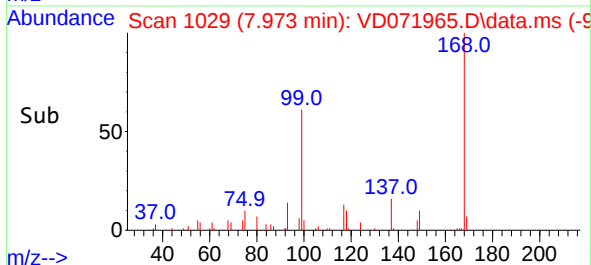
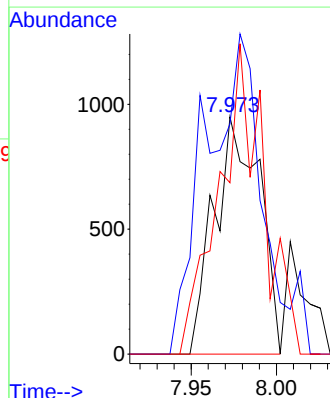
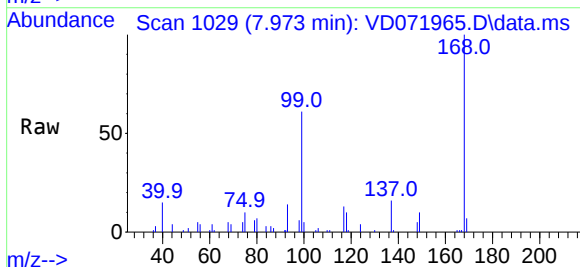
Ion	Ratio	Lower	Upper
84	100		
49	66.5	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#

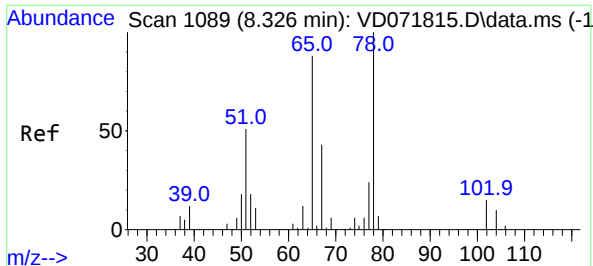


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 56 Resp: 1769

Ion	Ratio	Lower	Upper
56	100		
69	75.3	25.4	38.2#
84	72.2	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 83.709 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071965.D

Acq: 14 Feb 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

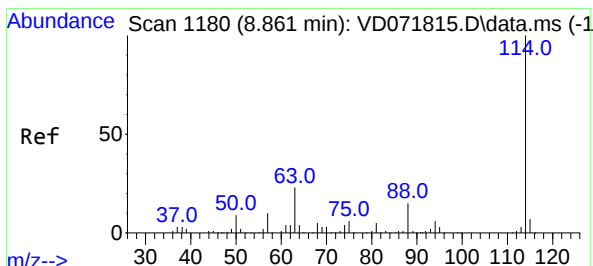
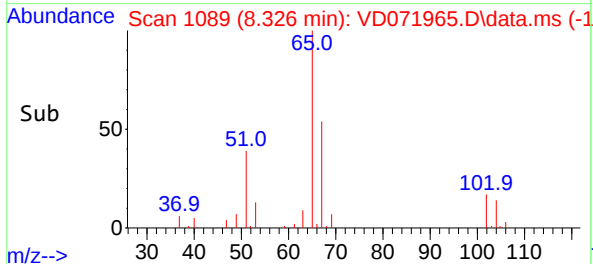
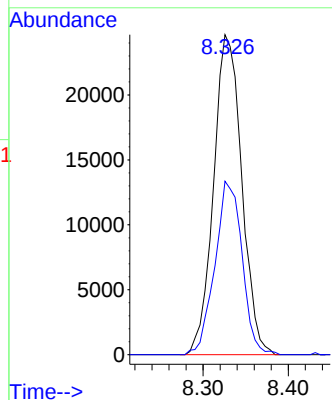
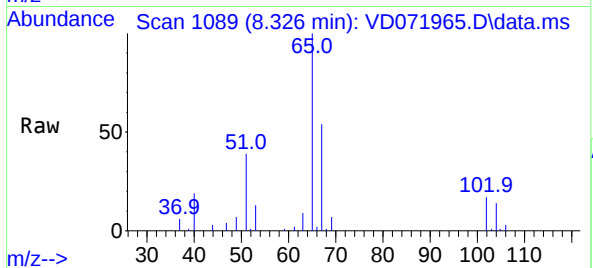
TP-1

Tgt Ion: 65 Resp: 56572

Ion Ratio Lower Upper

65 100

67 52.3 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: VD071965.D

Acq: 14 Feb 2022 19:01

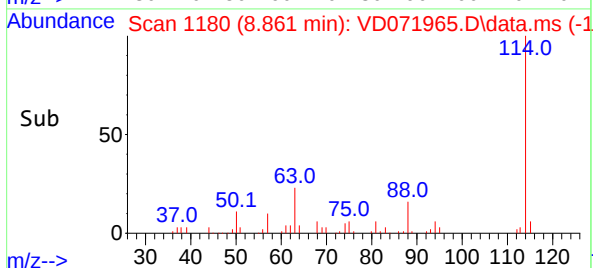
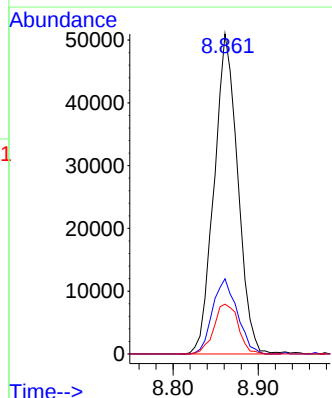
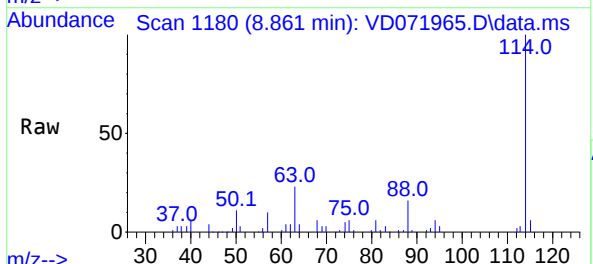
Tgt Ion: 114 Resp: 98240

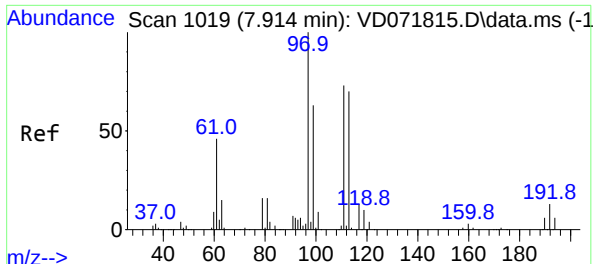
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.5 0.0 33.2

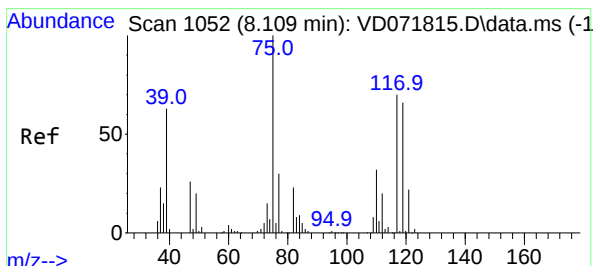
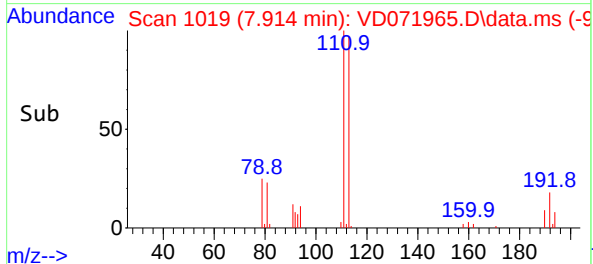
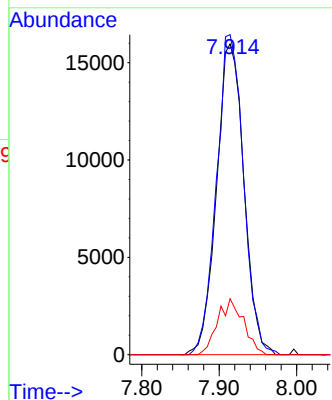
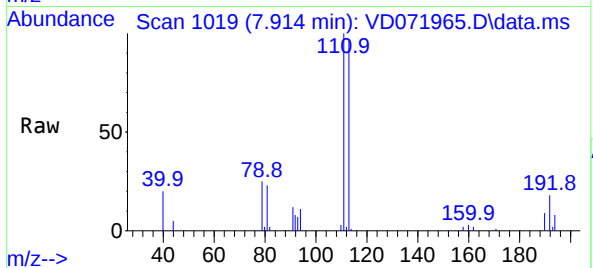




#35
Dibromofluoromethane
Concen: 60.741 ug/l
RT: 7.914 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

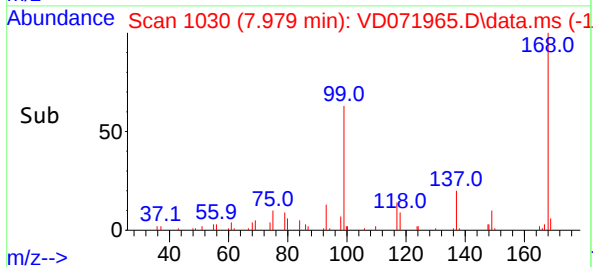
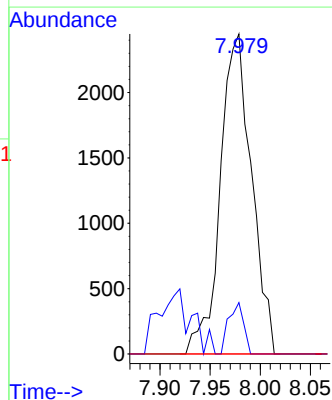
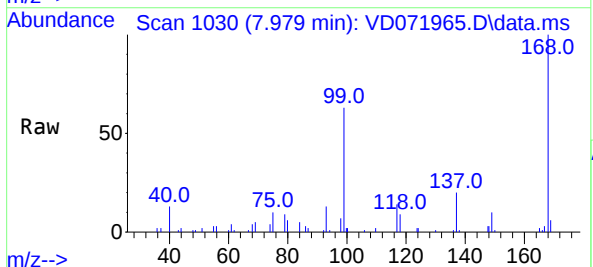
Instrument :
MSVOA_D
ClientSampleId :
TP-1

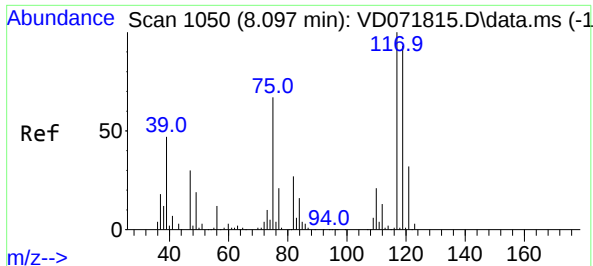
Tgt Ion:113 Resp: 39224
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

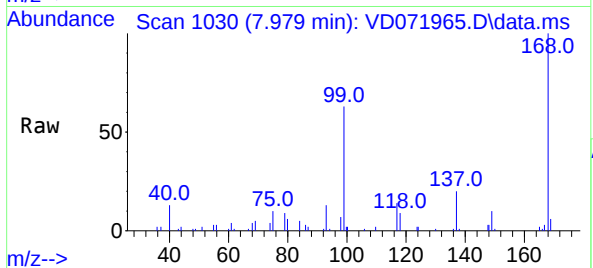
Tgt Ion: 75 Resp: 5304
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.0 24.2 36.2#



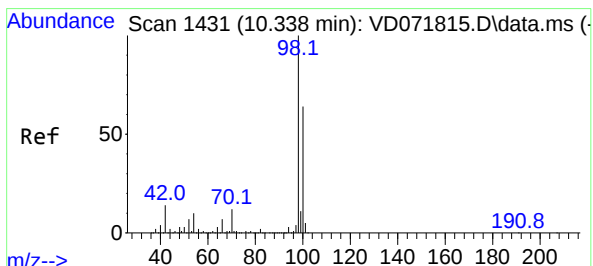
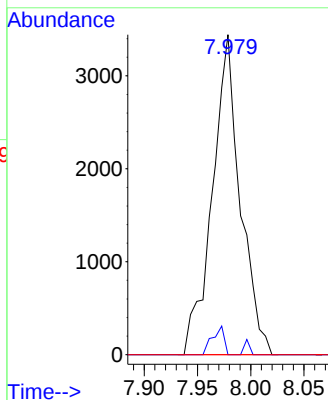
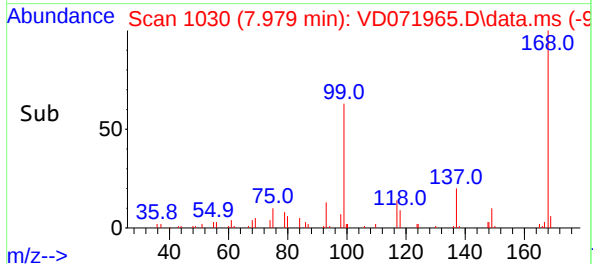


#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
TP-1

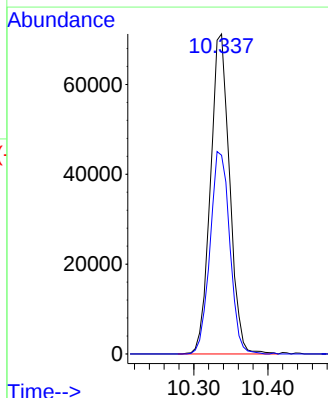
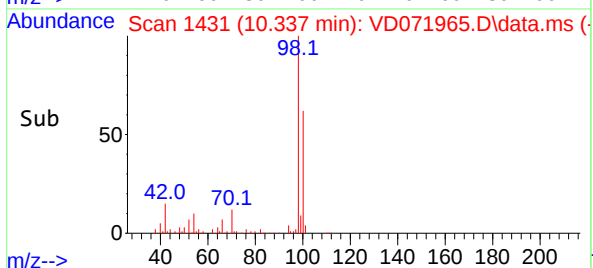
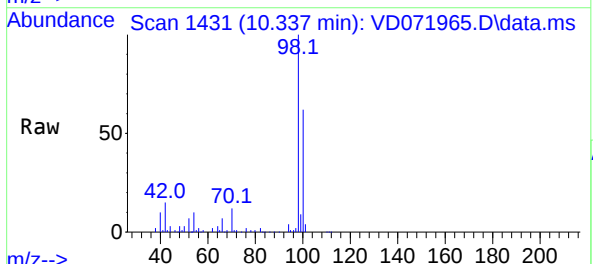


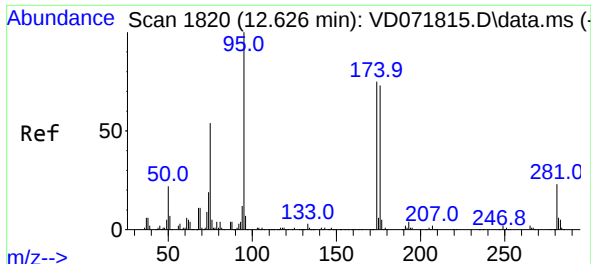
Tgt Ion:117 Resp: 6270
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 98 Resp: 127983
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

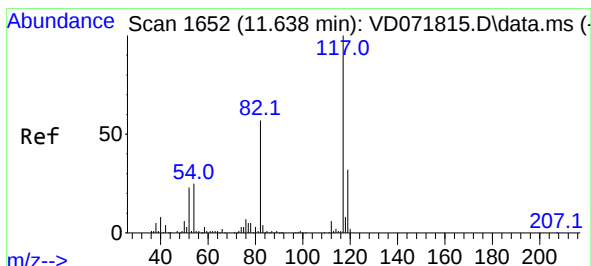
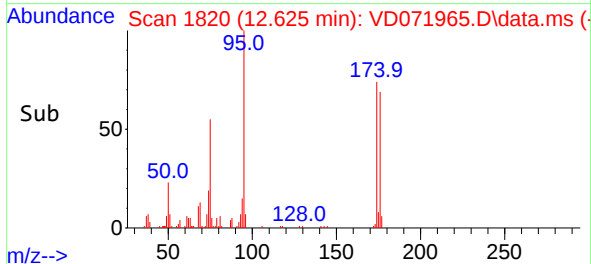
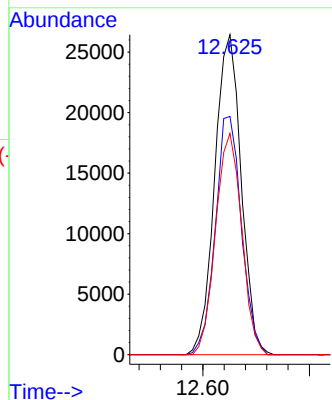
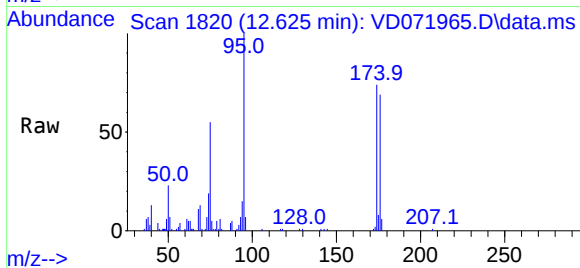




#62
4-Bromofluorobenzene
Concen: 54.066 ug/l
RT: 12.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

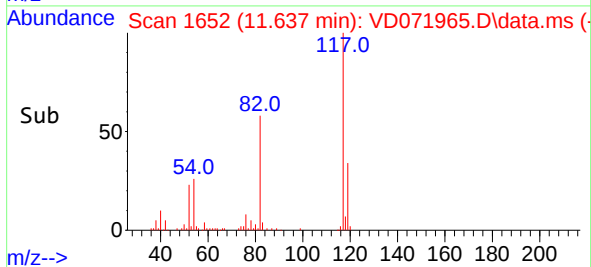
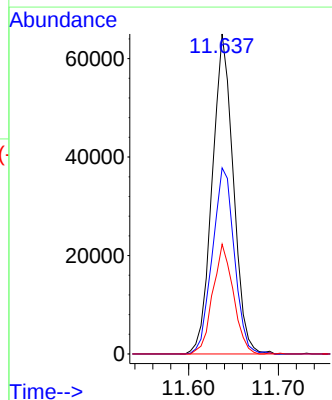
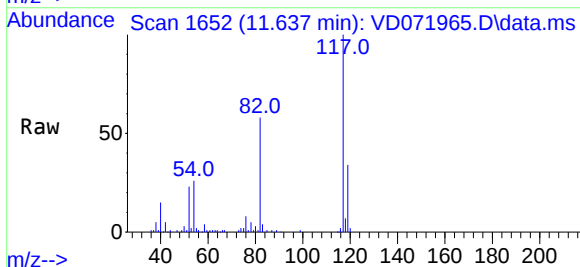
Instrument :
MSVOA_D
ClientSampleId :
TP-1

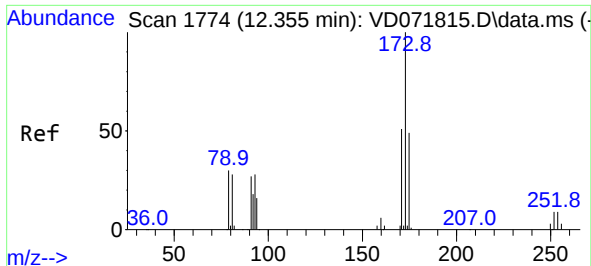
Tgt Ion: 95 Resp: 45534
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 68.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 117 Resp: 106209
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 34.3 26.6 40.0

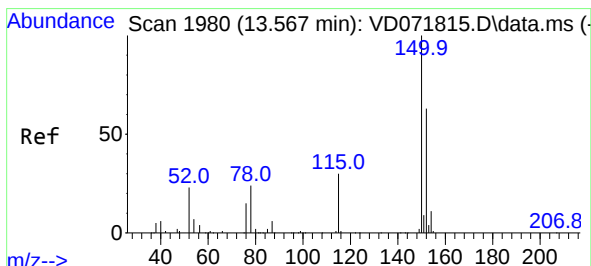
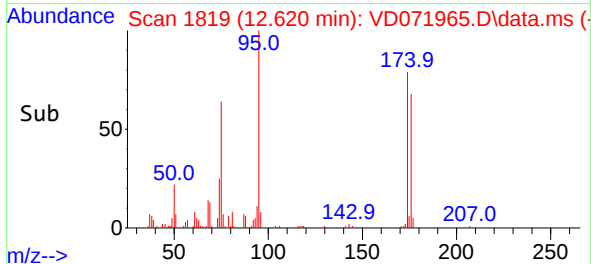
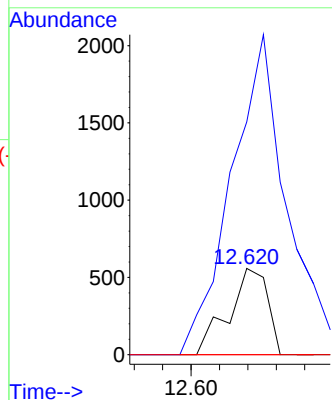
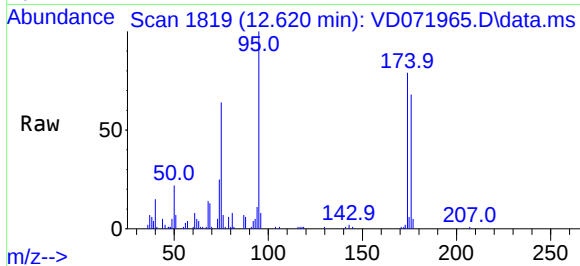




#71
Bromoform
Concen: 1.217 ug/l
RT: 12.620 min Scan# 1774
Delta R.T. 0.264 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

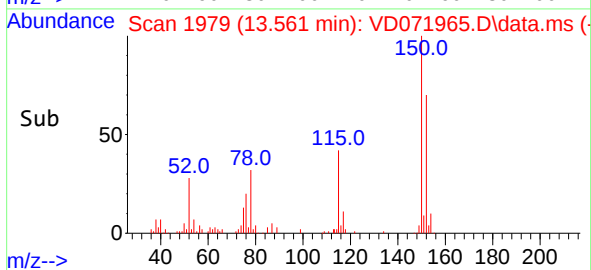
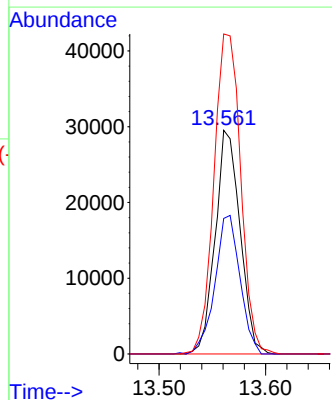
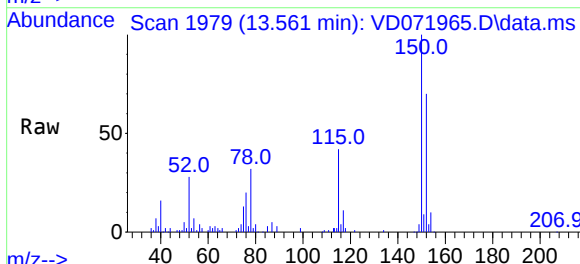
Instrument :
MSVOA_D
ClientSampleId :
TP-1

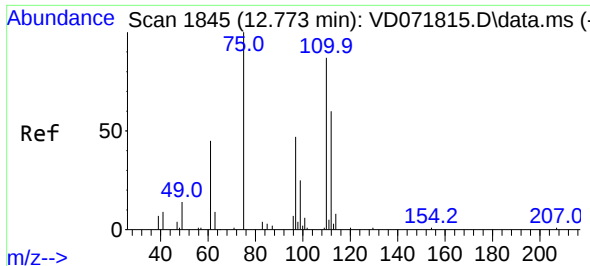
Tgt Ion:173 Resp: 531
Ion Ratio Lower Upper
173 100
175 439.2 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion:152 Resp: 47818
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 153.9 0.0 348.6

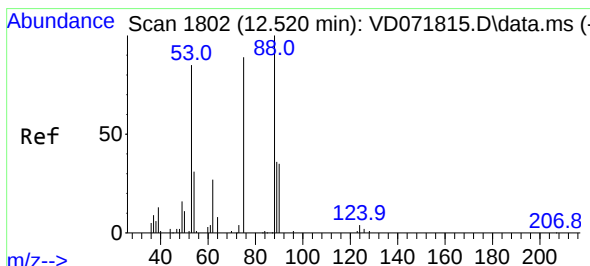
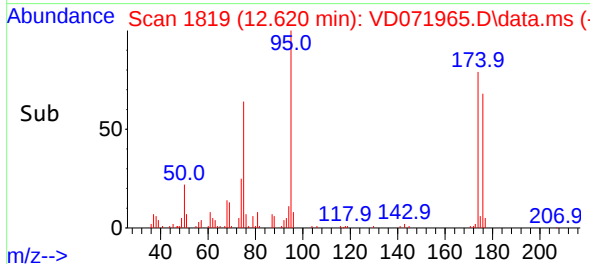
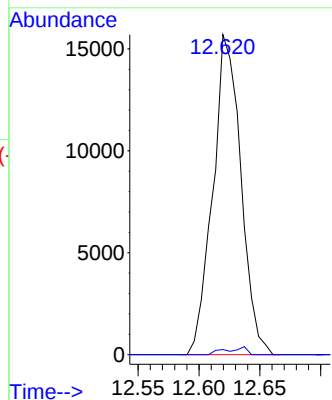
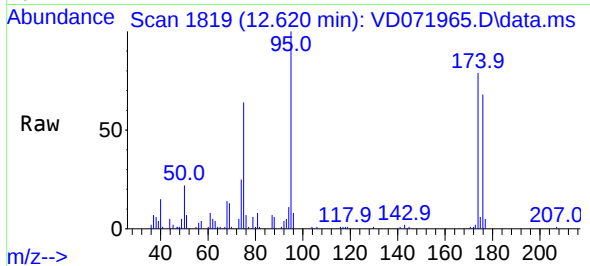




#76
1,2,3-Trichloropropane
Concen: 49.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

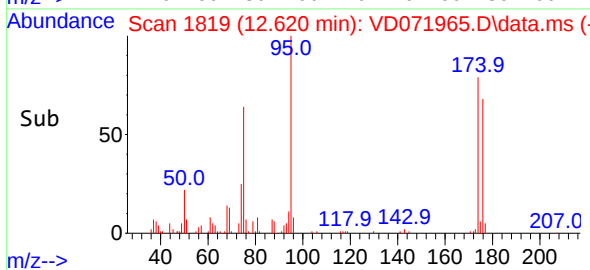
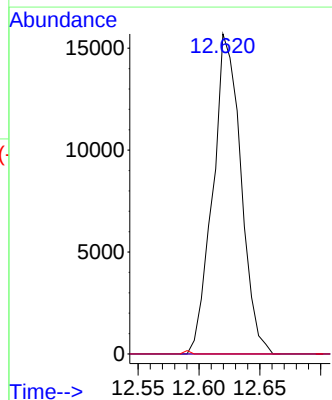
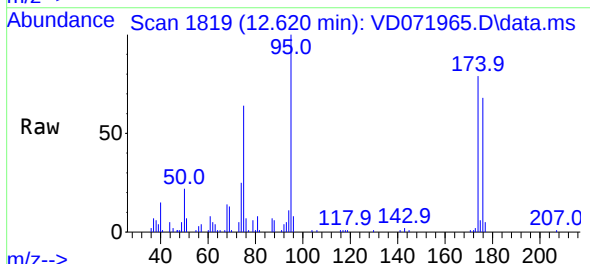
Instrument :
MSVOA_D
ClientSampleId :
TP-1

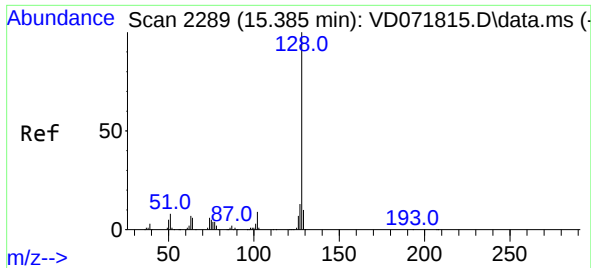
Tgt Ion: 75 Resp: 25167
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 75 Resp: 25167
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.560 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:	128	Resp:	181
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

