

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071975.D
 Acq On : 15 Feb 2022 13:21
 Operator : VA/SY
 Sample : N1526-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:35:37 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)

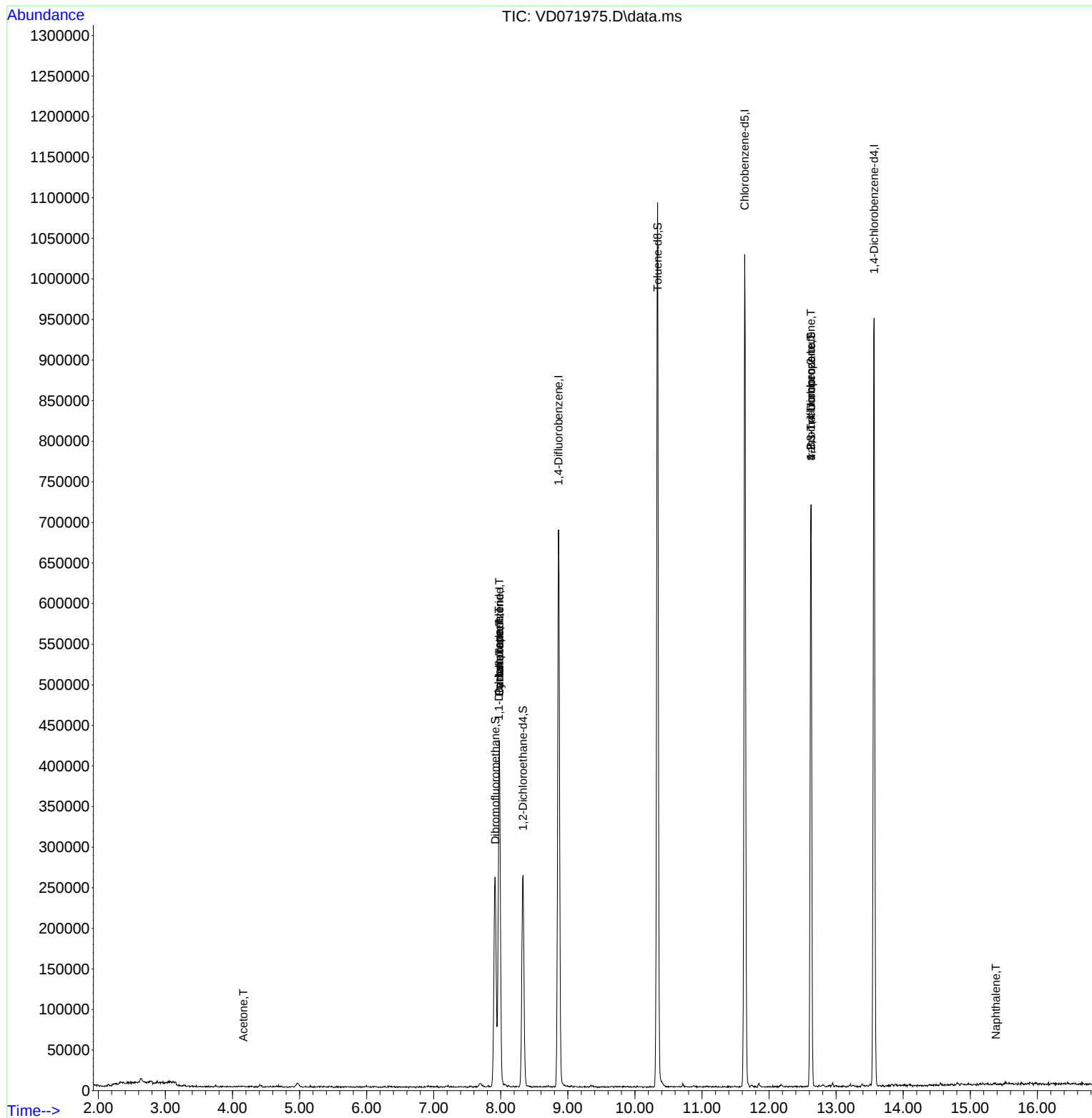
Internal Standards						
1) Pentafluorobenzene	7.979	168	281415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	536245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	211086	59.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.920	113	182679	50.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.940%	
50) Toluene-d8	10.338	98	697917	52.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	12.626	95	229107	49.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.162	59	67	Below Cal	#	74
16) Acetone	4.162	43	1234	1.267	ug/l	91
20) Methylene Chloride	4.973	84	3211	Below Cal	#	93
31) Cyclohexane	7.979	56	9575	1.410	ug/l	# 28
36) 1,1-Dichloropropene	7.973	75	25120	4.084	ug/l	# 52
38) Carbon Tetrachloride	7.979	117	31444	5.169	ug/l	# 16
76) 1,2,3-Trichloropropane	12.626	75	129662	53.557	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	129662	131.683	ug/l	# 7
95) Naphthalene	15.384	128	789	1.550	ug/l	# 70

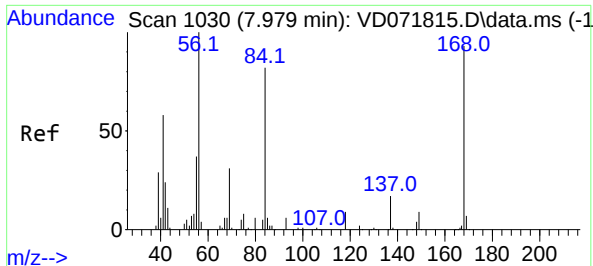
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 16 00:35:37 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

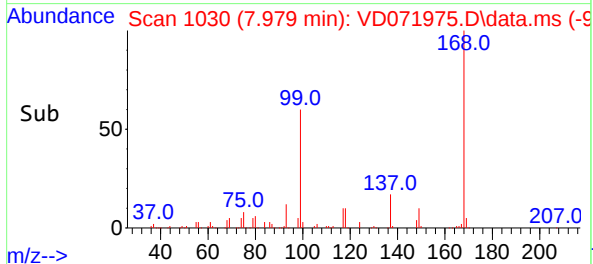
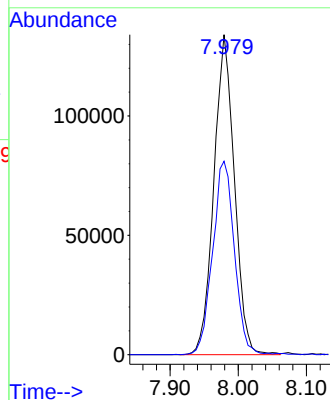
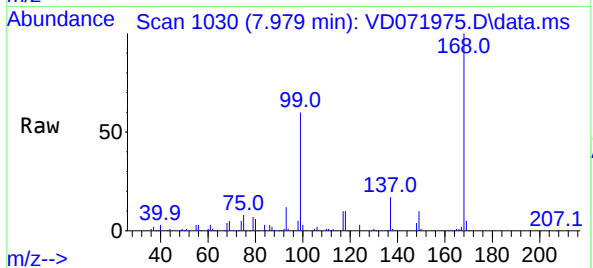




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

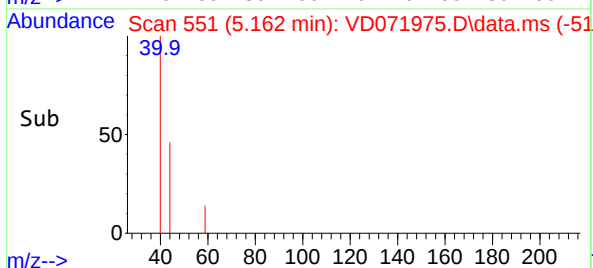
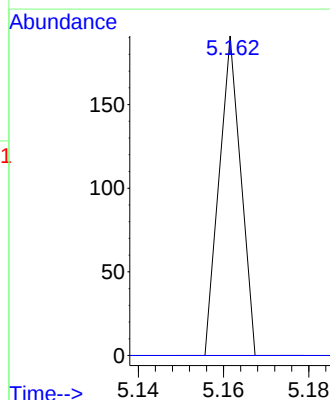
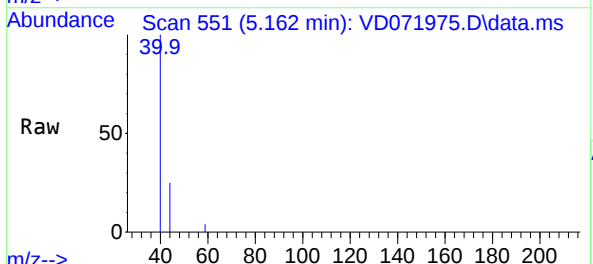
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 281415
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.162 min Scan# 551
Delta R.T. -0.059 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

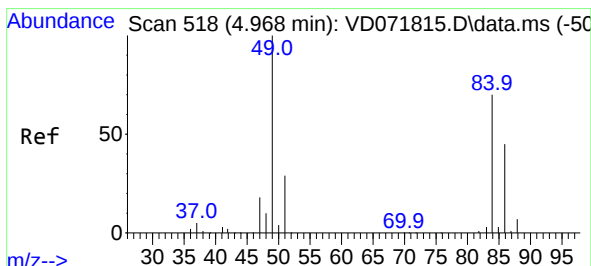
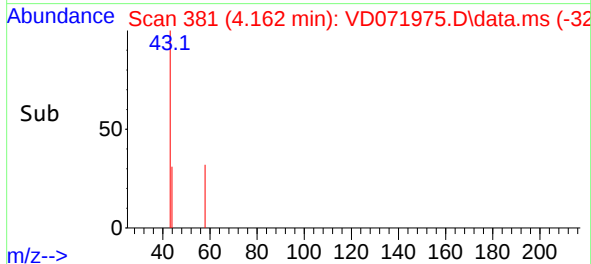
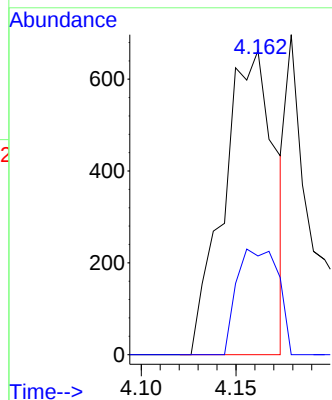
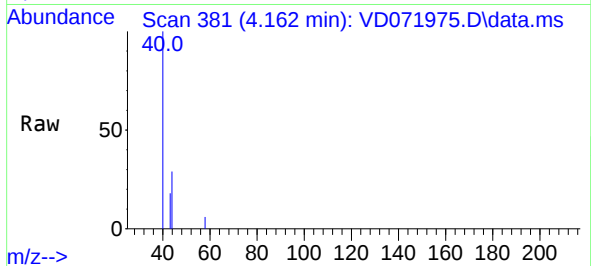




#16
Acetone
Concen: 1.267 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

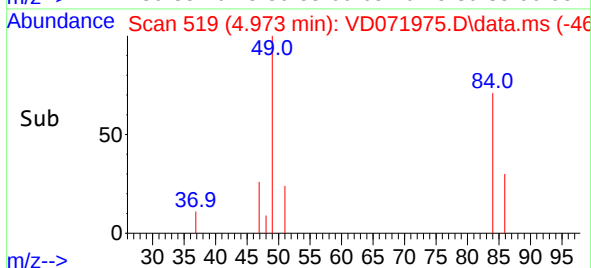
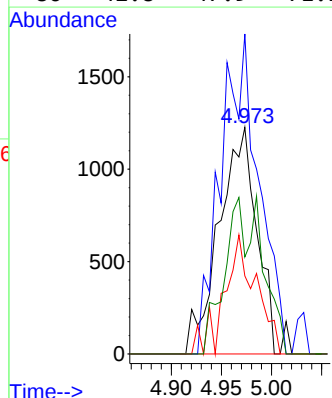
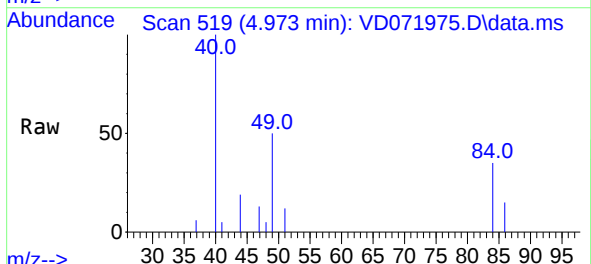
Instrument :
MSVOA_D
ClientSampleId :

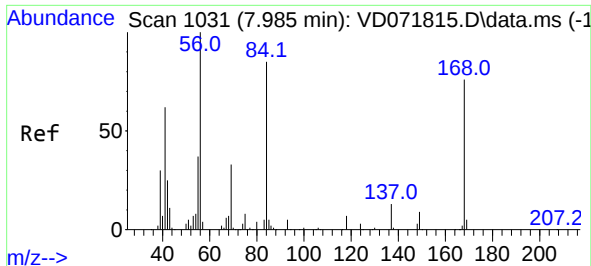
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 32.5 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

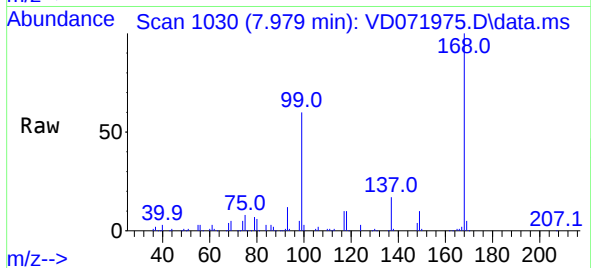
Tgt Ion: 84 Resp: 3211
Ion Ratio Lower Upper
84 100
49 141.3 112.8 169.2
51 34.5 32.6 48.8
86 42.8 47.9 71.9#



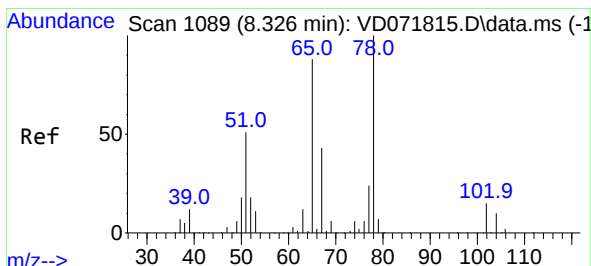
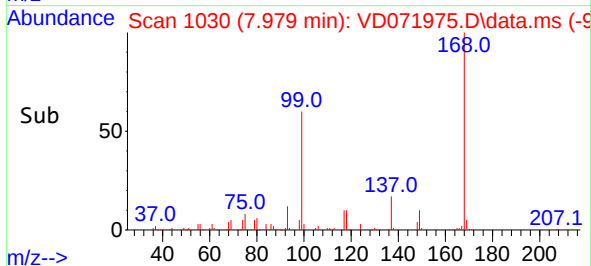
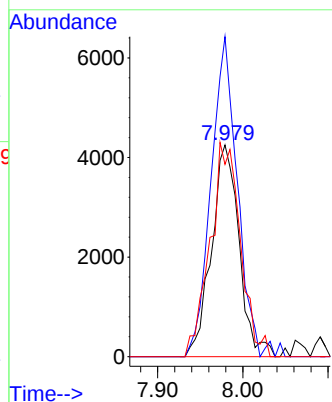


#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

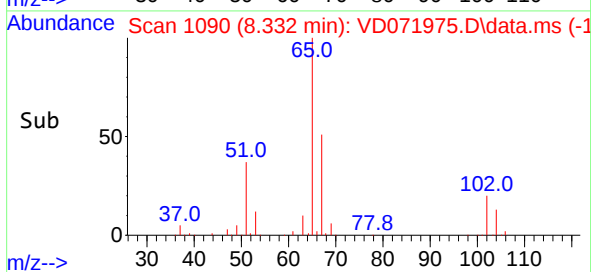
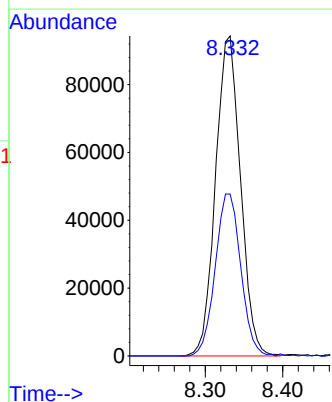
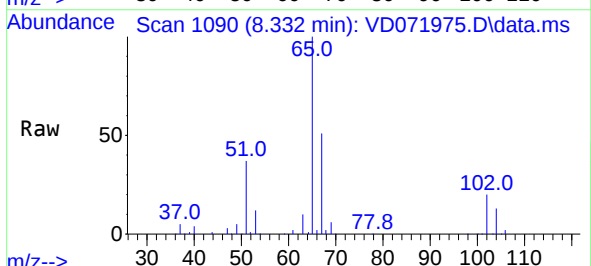


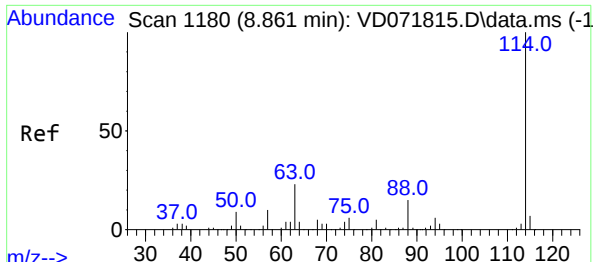
Tgt Ion: 56 Resp: 9575
Ion Ratio Lower Upper
56 100
69 151.2 25.4 38.2#
84 90.9 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 59.345 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion: 65 Resp: 211086
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4

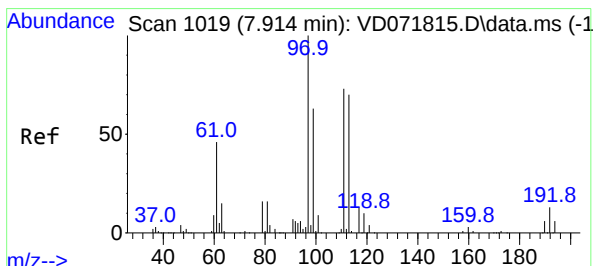
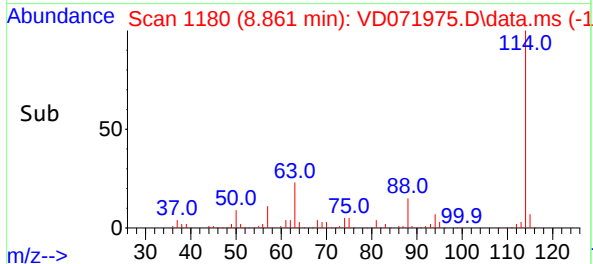
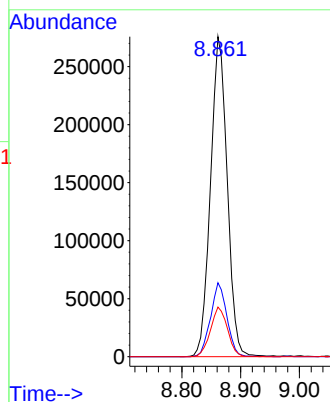
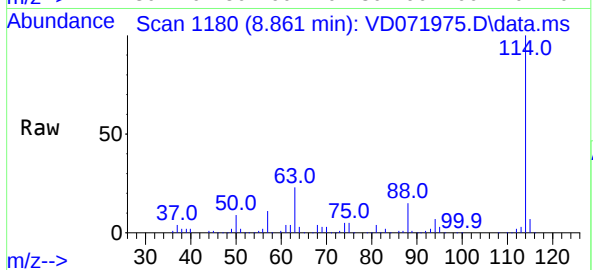




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

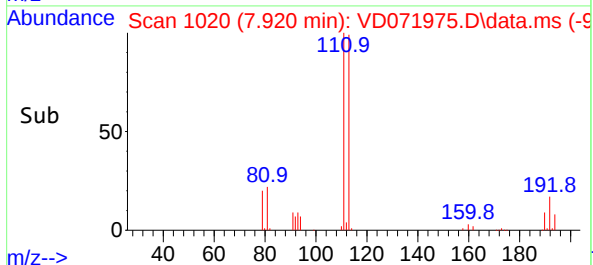
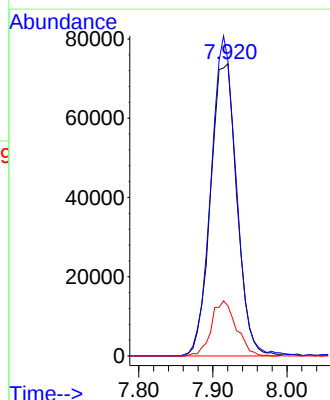
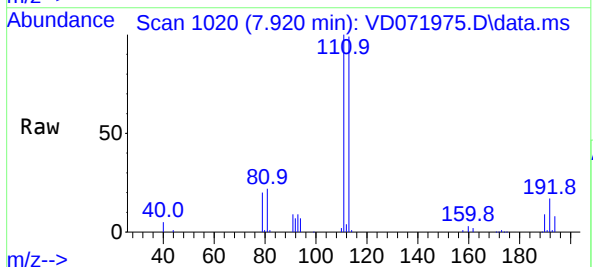
Instrument :
MSVOA_D
ClientSampleId :

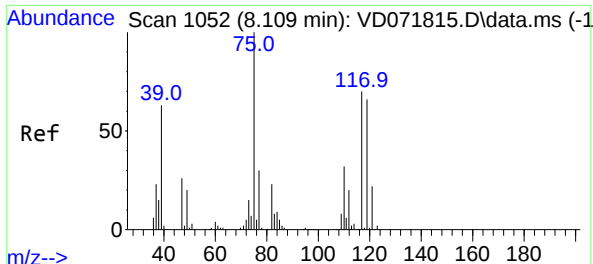
Tgt Ion:114 Resp: 545232
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.6
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

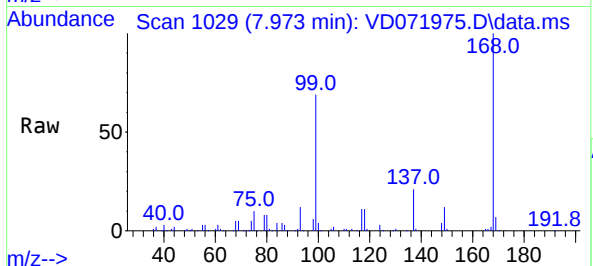
Tgt Ion:113 Resp: 182679
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 17.8 14.6 21.8



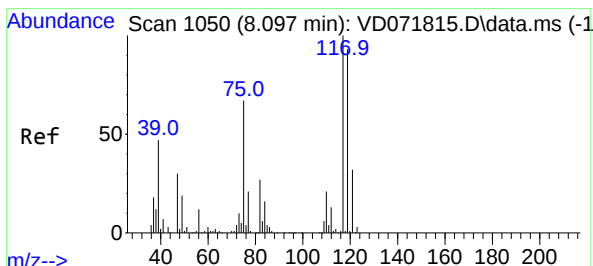
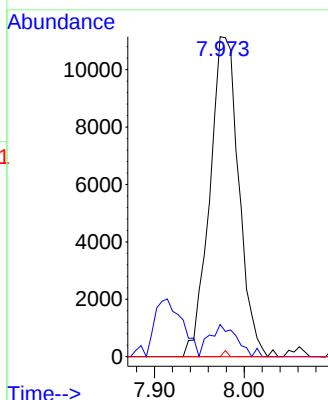
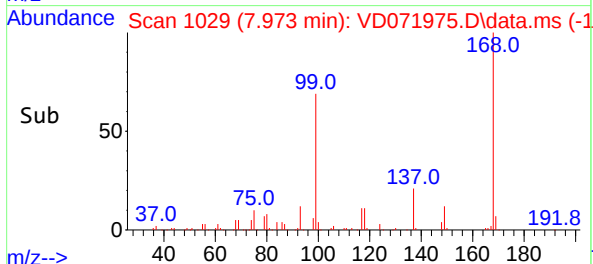


#36
1,1-Dichloropropene
Concen: 4.084 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

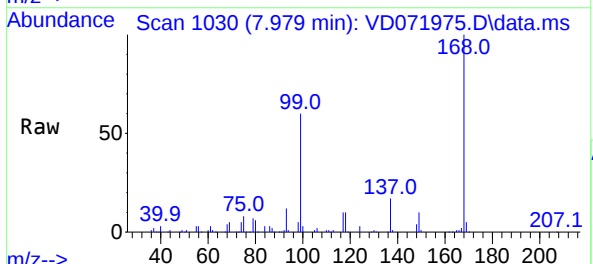
Instrument :
MSVOA_D
ClientSampleId :



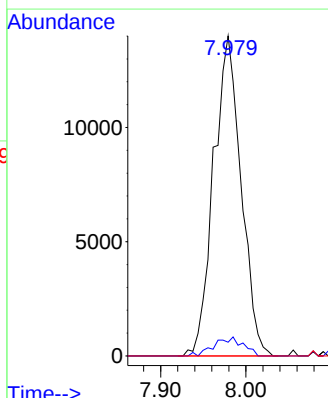
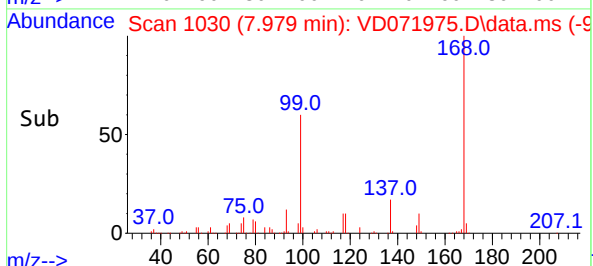
Tgt Ion: 75 Resp: 25120
Ion Ratio Lower Upper
75 100
110 9.5 16.4 49.1#
77 0.3 24.2 36.2#

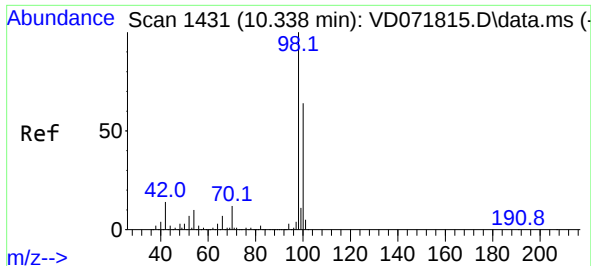


#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21



Tgt Ion: 117 Resp: 31444
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#

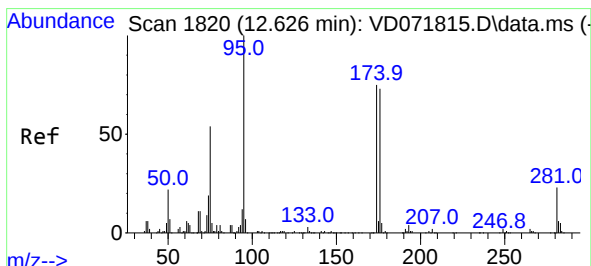
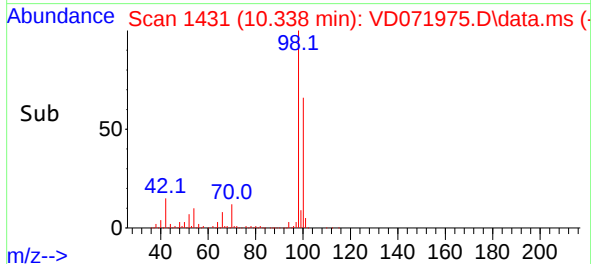
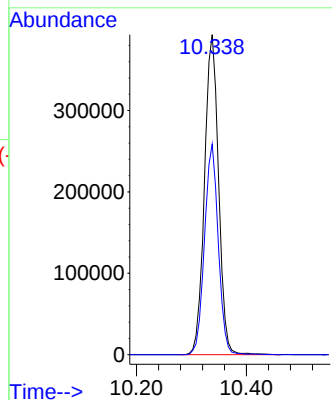
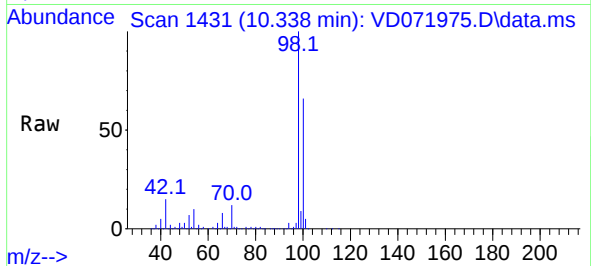




#50
Toluene-d8
Concen: 52.142 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

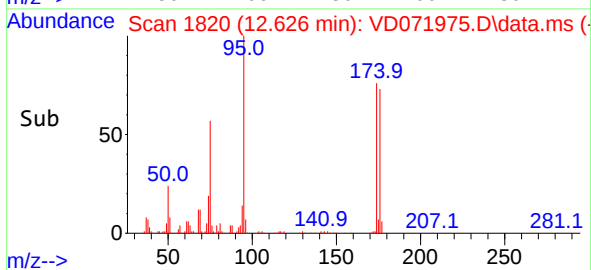
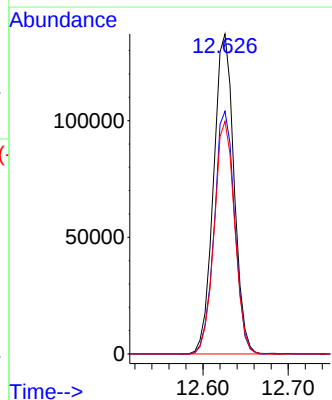
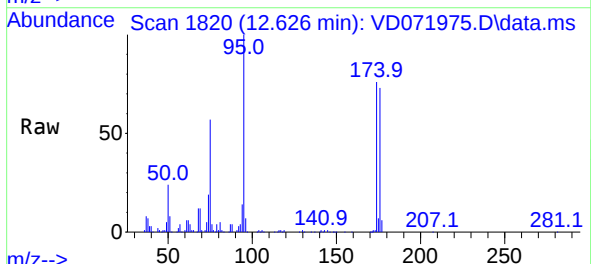
Instrument :
MSVOA_D
ClientSampleId :

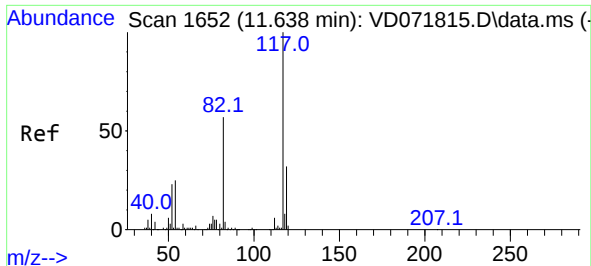
Tgt Ion: 98 Resp: 697917
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.015 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

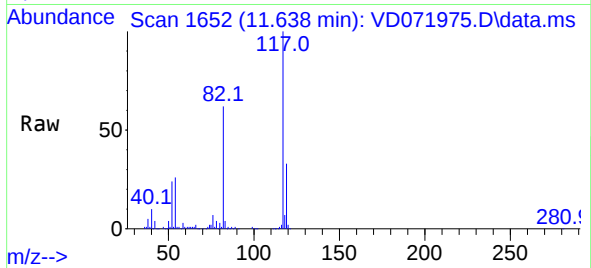
Tgt Ion: 95 Resp: 229107
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 72.4 0.0 145.4



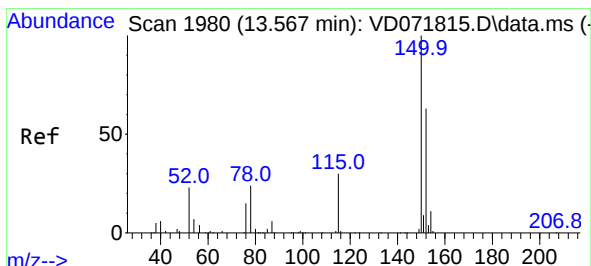
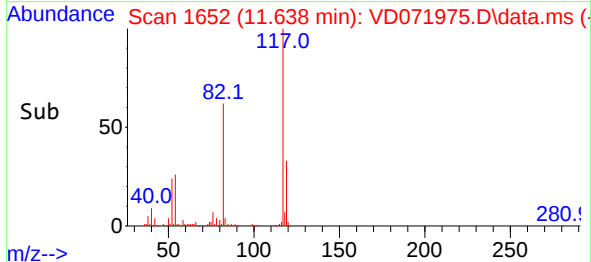
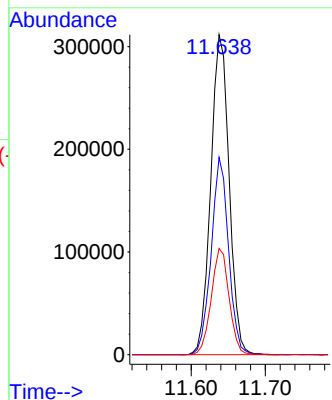


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

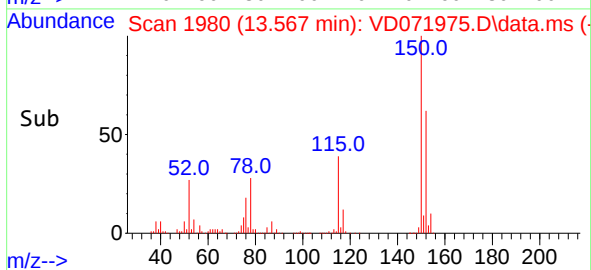
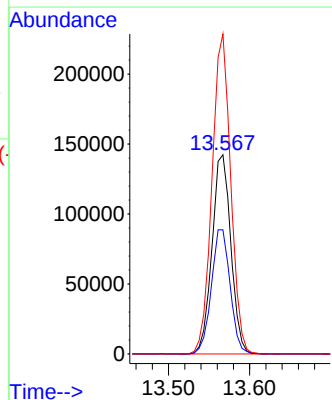
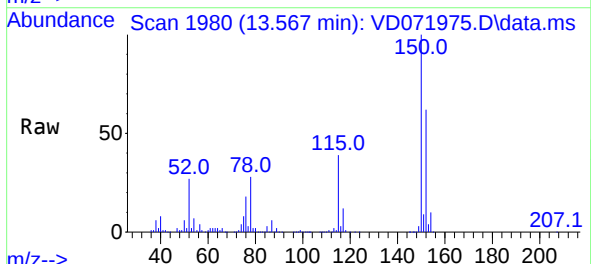


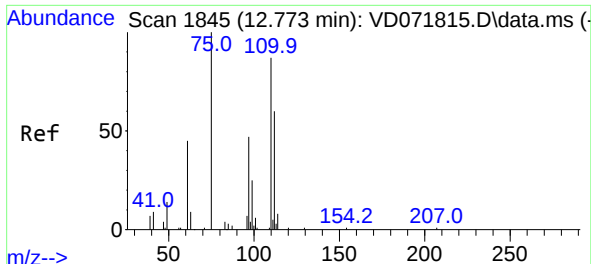
Tgt Ion:117 Resp: 536245
Ion Ratio Lower Upper
117 100
82 61.7 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion:152 Resp: 229726
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 159.0 0.0 348.6

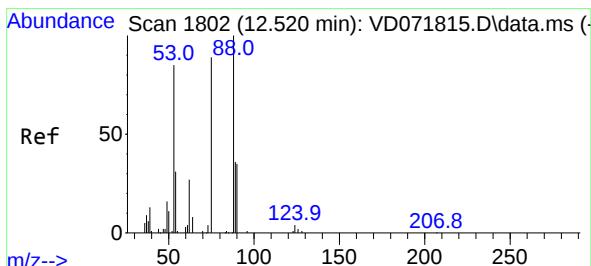
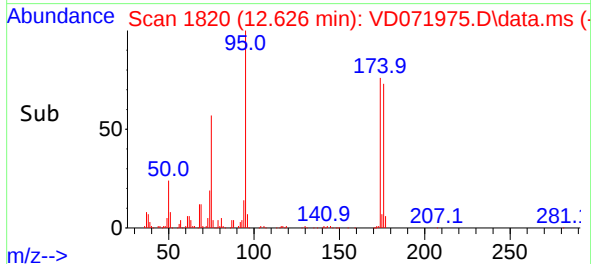
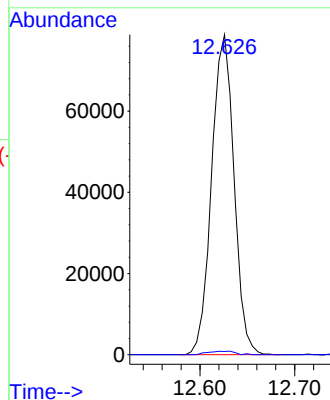
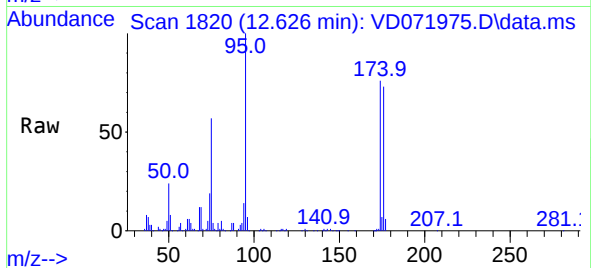




#76
1,2,3-Trichloropropane
Concen: 53.557 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

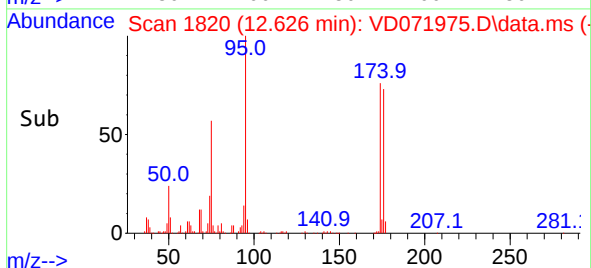
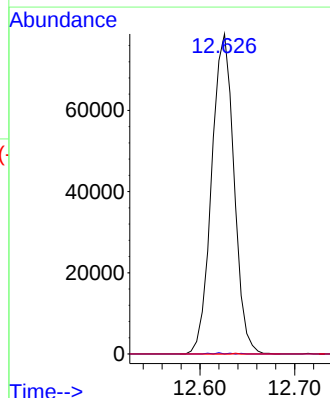
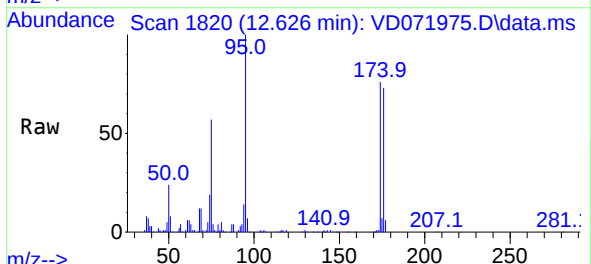
Instrument :
MSVOA_D
ClientSampleId :

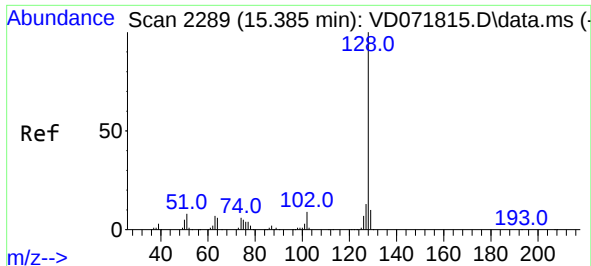
Tgt Ion: 75 Resp: 129662
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.683 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

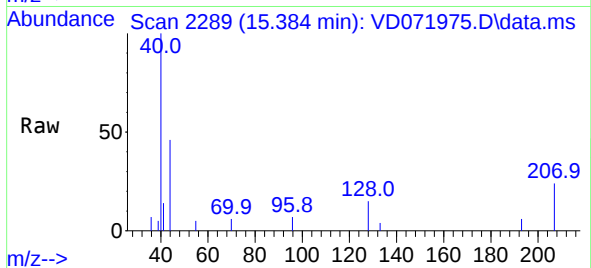
Tgt Ion: 75 Resp: 129662
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 1.550 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 789
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

