

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071877.D
 Acq On : 02 Feb 2022 13:29
 Operator : VA/SY
 Sample : N1358-01
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-2-020122

Quant Time: Feb 03 01:07:11 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)

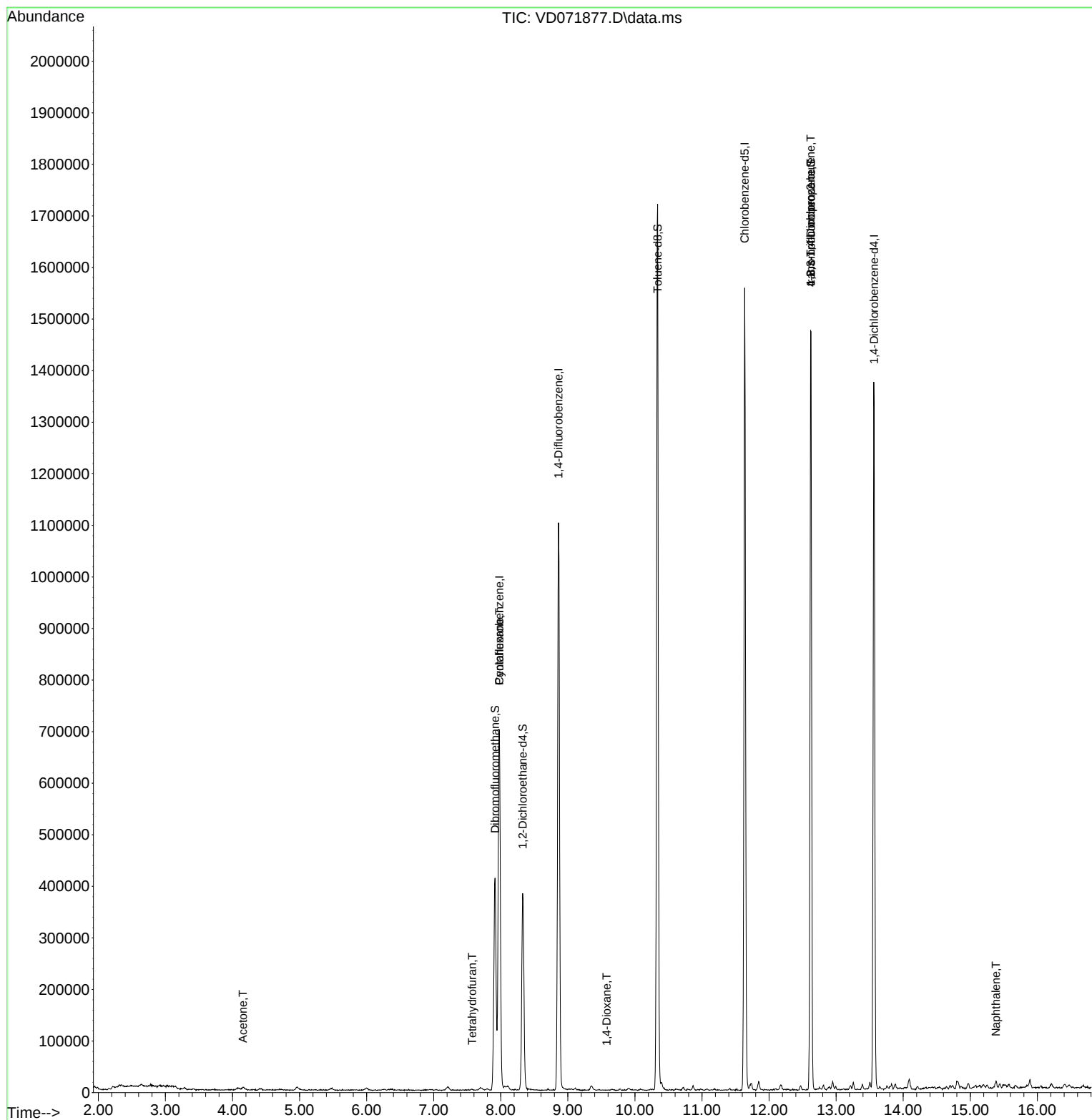
Internal Standards						
1) Pentafluorobenzene	7.979	168	495629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	881793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	799050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	339299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	310693	49.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.914	113	287642	49.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.338	98	1110202	51.286	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.626	95	365351	48.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	384	Below Cal	#	74
16) Acetone	4.156	43	11195	6.528	ug/l #	80
20) Methylene Chloride	4.962	84	4272	Below Cal	#	75
29) Tetrahydrofuran	7.573	42	1461	1.235	ug/l #	62
31) Cyclohexane	7.979	56	16273	1.361	ug/l #	13
49) 1,4-Dioxane	9.579	88	62	1.498	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	206959	57.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	206959	142.308	ug/l #	7
95) Naphthalene	15.384	128	9598	2.244	ug/l #	80

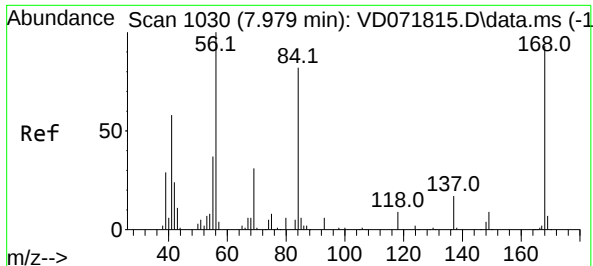
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

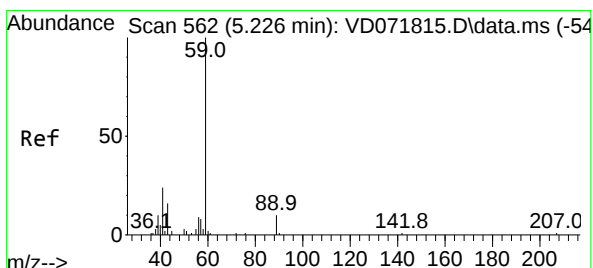
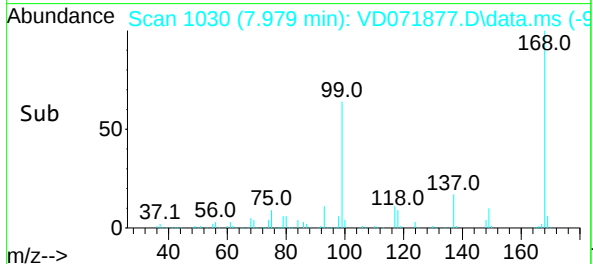
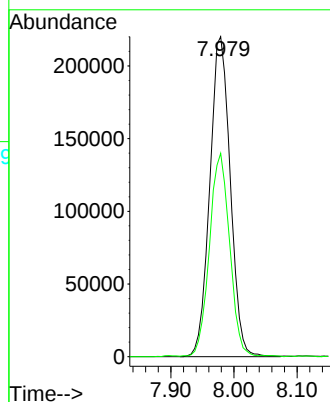
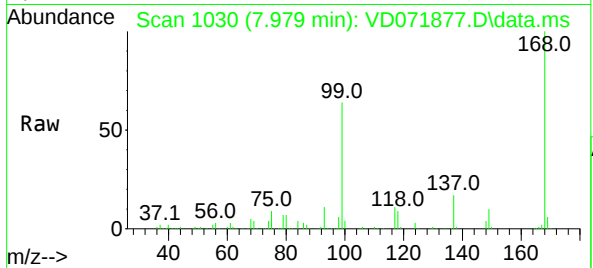




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

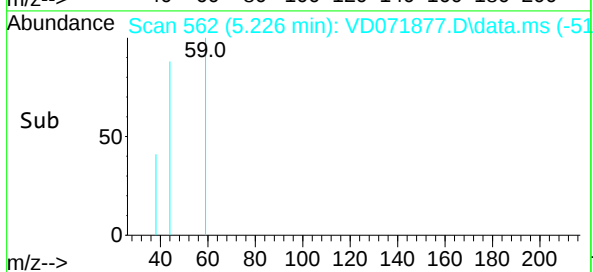
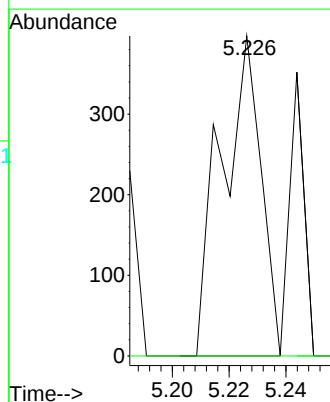
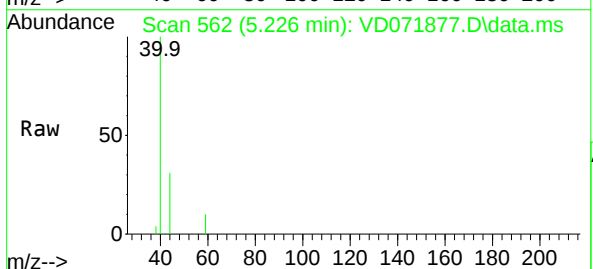
Instrument :
MSVOA_D
ClientSampleId :
BU-2-020122

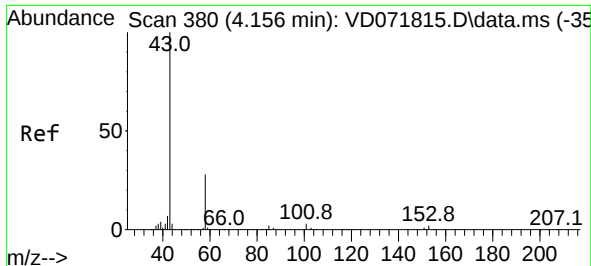
Tgt Ion:168 Resp: 495629
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

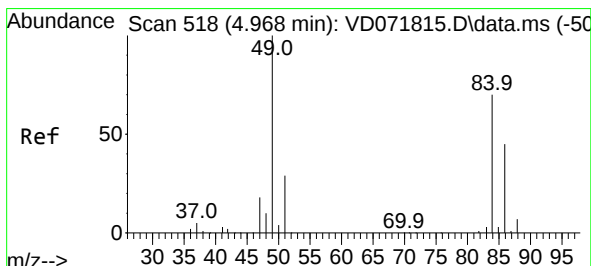
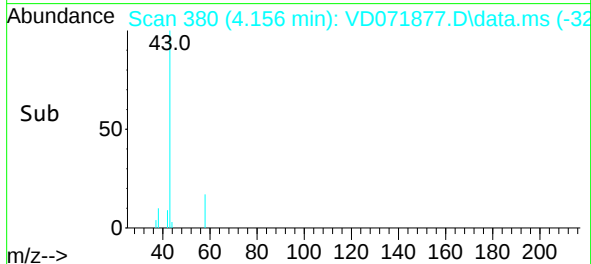
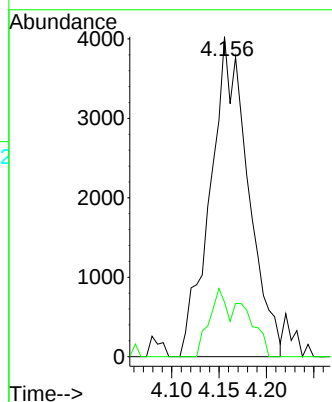
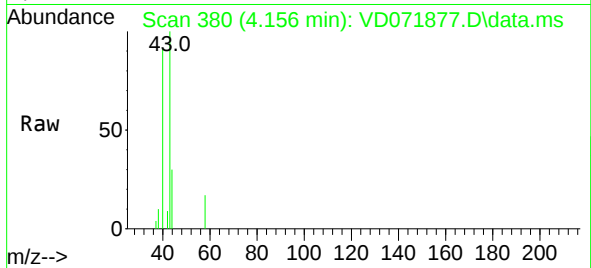




#16
Acetone
Concen: 6.528 ug/l
RT: 4.156 min Scan# 311
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

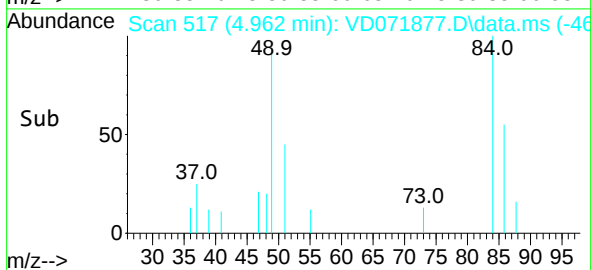
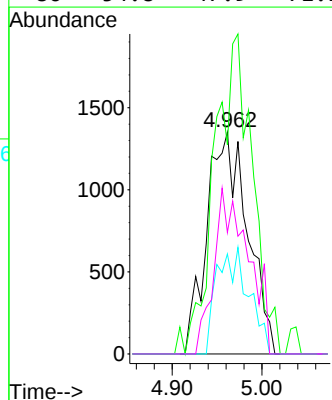
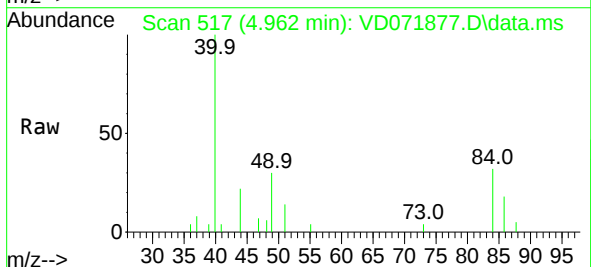
Instrument :
MSVOA_D
ClientSampleId :
BU-2-020122

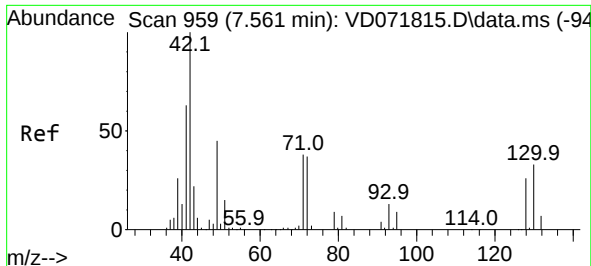
Tgt Ion: 43 Resp: 11195
Ion Ratio Lower Upper
43 100
58 17.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

Tgt Ion: 84 Resp: 4272
Ion Ratio Lower Upper
84 100
49 94.3 112.8 169.2#
51 45.1 32.6 48.8
86 54.8 47.9 71.9





#29

Tetrahydrofuran

Concen: 1.235 ug/l

RT: 7.573 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD071877.D

Acq: 02 Feb 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

BU-2-020122

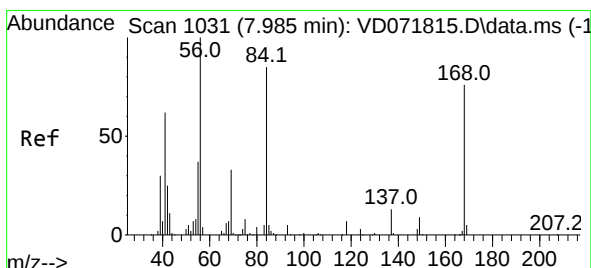
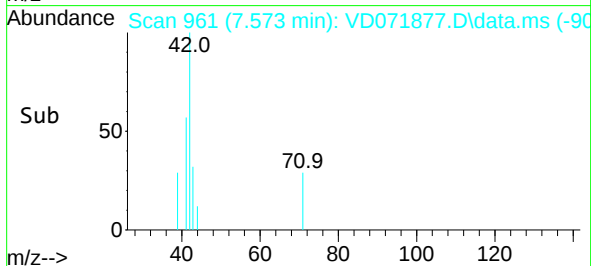
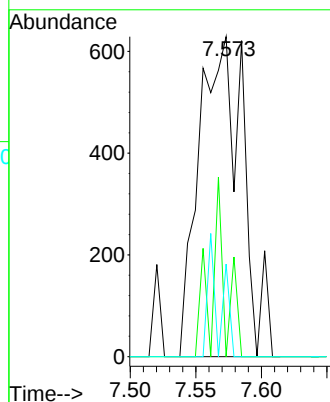
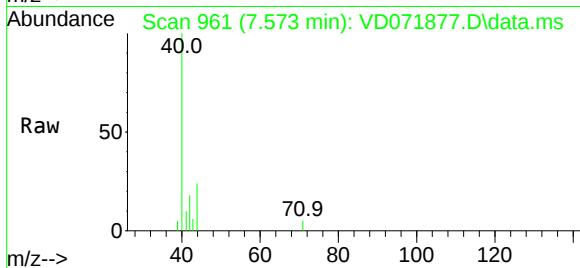
Tgt Ion: 42 Resp: 1461

Ion Ratio Lower Upper

42 100

72 18.4 30.7 46.1#

71 10.3 28.6 43.0#



#31

Cyclohexane

Concen: 1.361 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071877.D

Acq: 02 Feb 2022 13:29

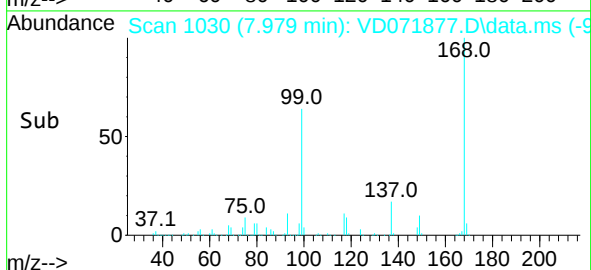
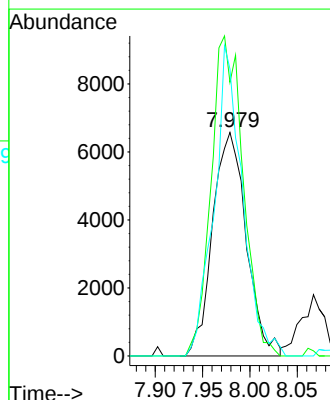
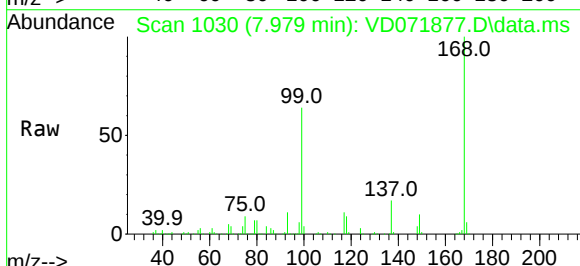
Tgt Ion: 56 Resp: 16273

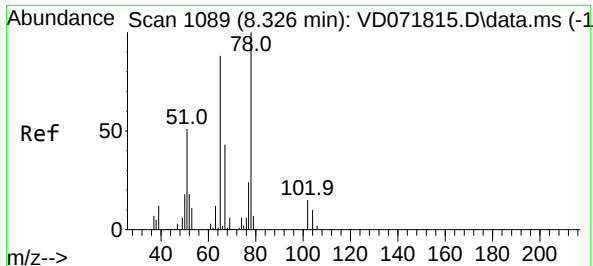
Ion Ratio Lower Upper

56 100

69 122.4 25.4 38.2#

84 128.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.596 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD071877.D

Acq: 02 Feb 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

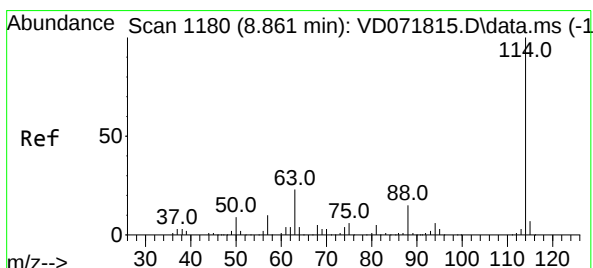
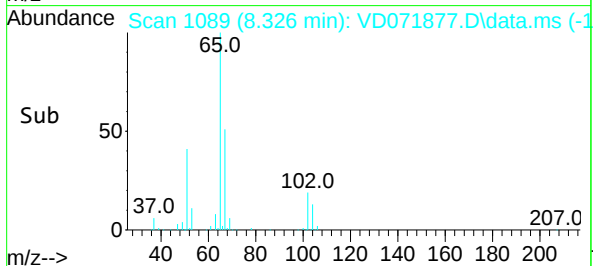
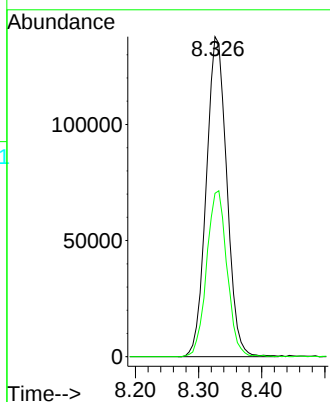
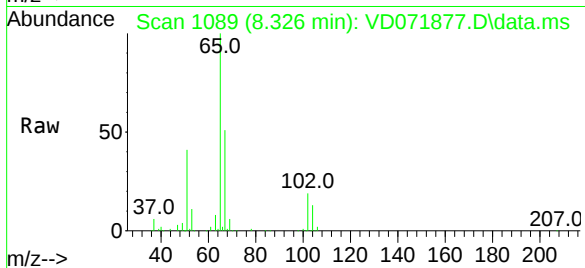
BU-2-020122

Tgt Ion: 65 Resp: 310693

Ion Ratio Lower Upper

65 100

67 51.6 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: VD071877.D

Acq: 02 Feb 2022 13:29

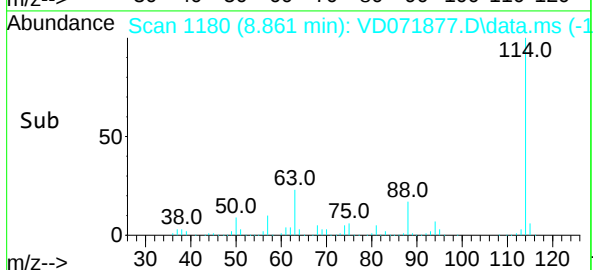
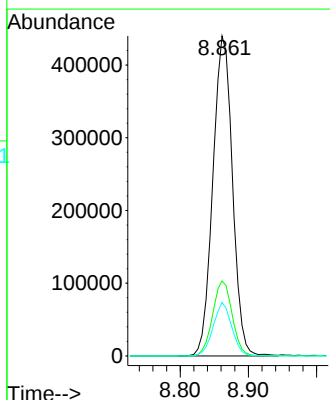
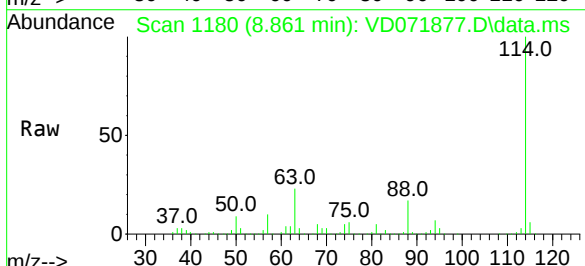
Tgt Ion: 114 Resp: 881793

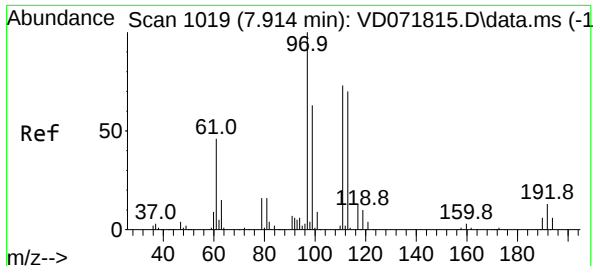
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.625 ug/l

RT: 7.914 min Scan# 113

Delta R.T. -0.000 min

Lab File: VD071877.D

Acq: 02 Feb 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

BU-2-020122

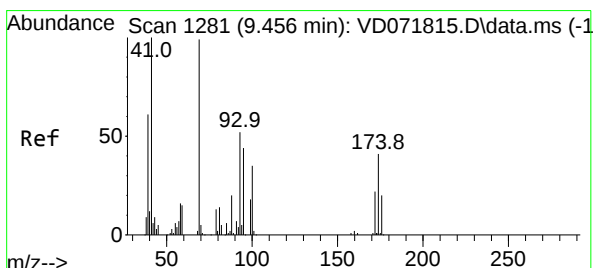
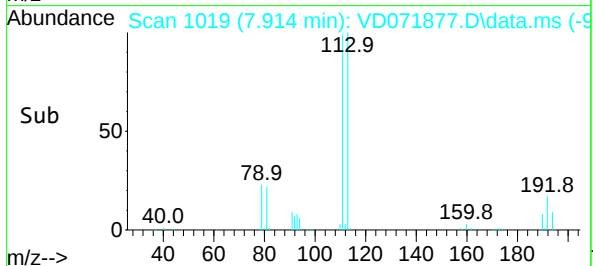
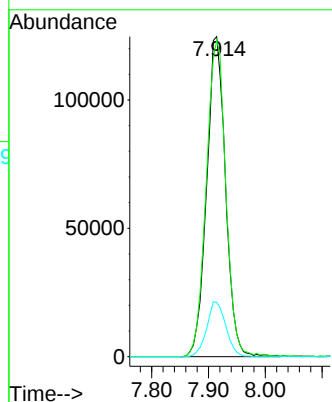
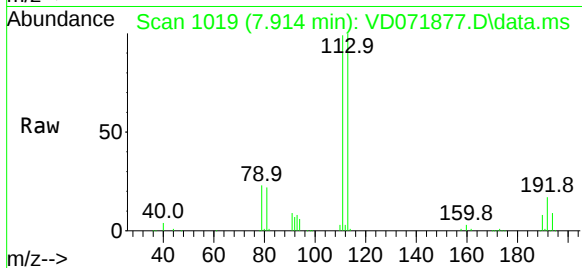
Tgt Ion:113 Resp: 287642

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.3 14.6 21.8



#49

1,4-Dioxane

Concen: 1.498 ug/l

RT: 9.579 min Scan# 1302

Delta R.T. 0.118 min

Lab File: VD071877.D

Acq: 02 Feb 2022 13:29

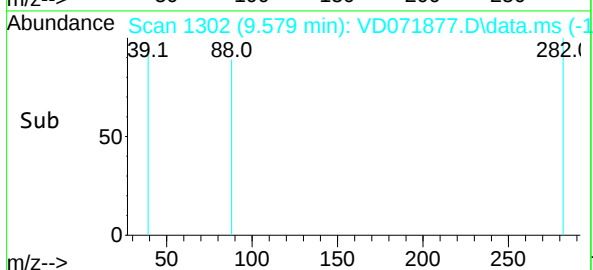
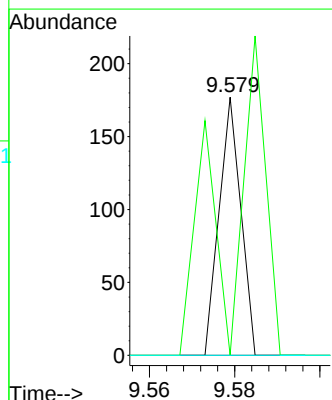
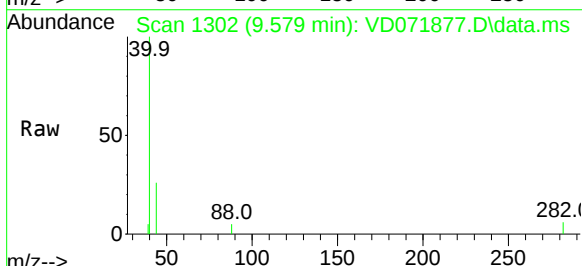
Tgt Ion: 88 Resp: 62

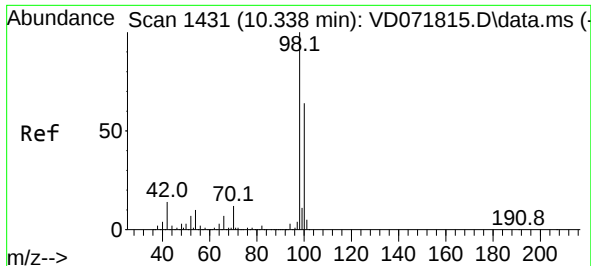
Ion Ratio Lower Upper

88 100

43 91.9 31.0 46.4#

58 0.0 58.1 87.1#

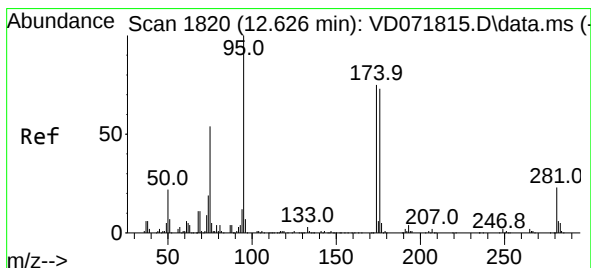
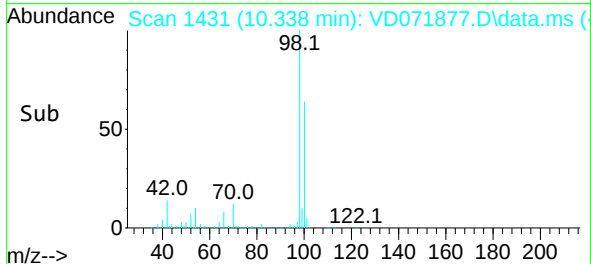
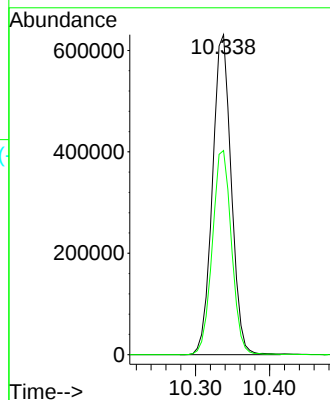
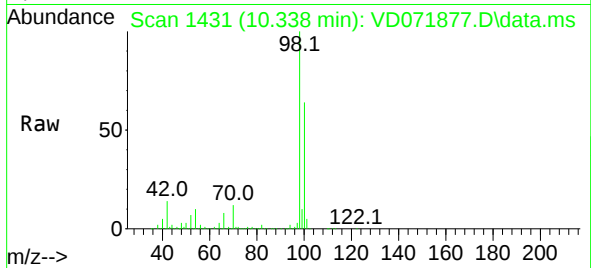




#50
Toluene-d8
Concen: 51.286 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

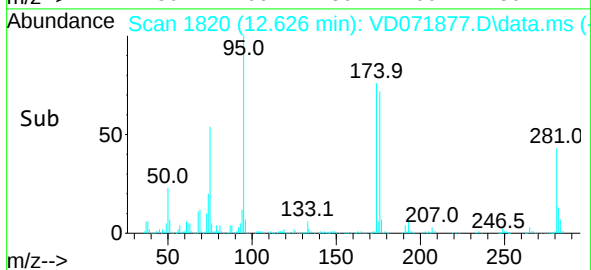
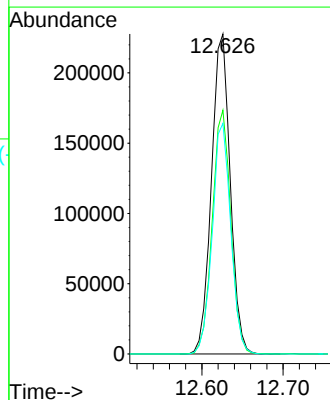
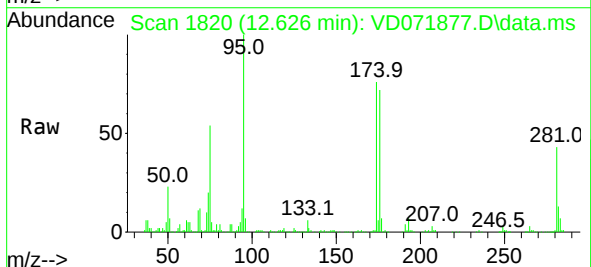
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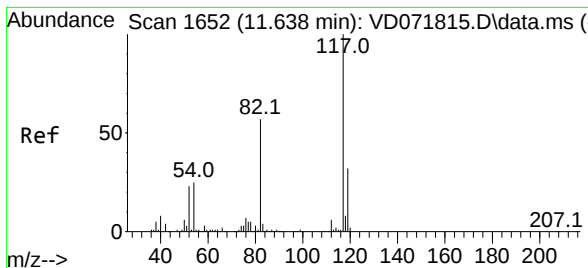
Tgt Ion: 98 Resp: 1110202
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.330 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

Tgt Ion: 95 Resp: 365351
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 71.0 0.0 145.4

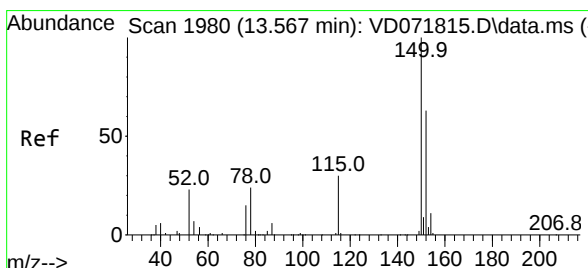
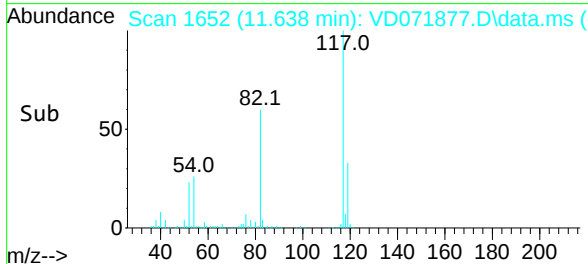
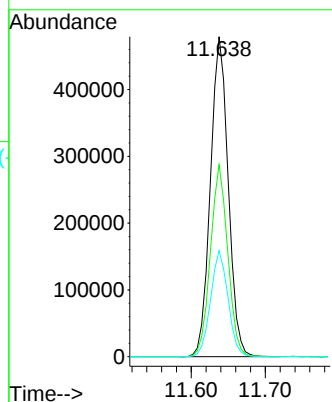
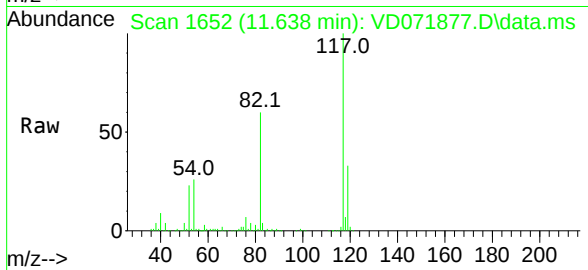




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

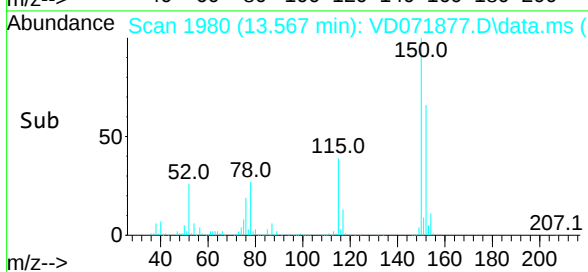
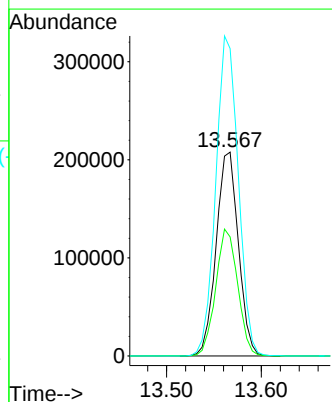
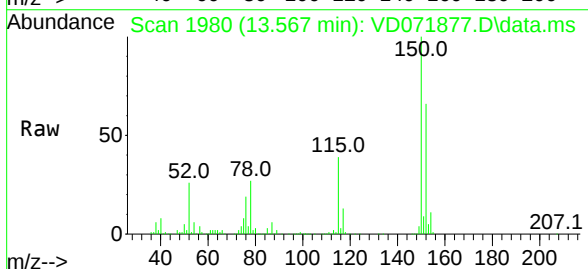
Instrument :
MSVOA_D
ClientSampleId :
BU-2-020122

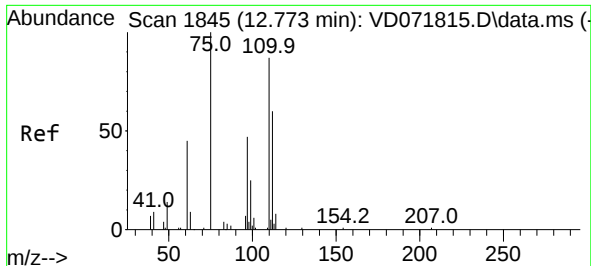
Tgt Ion:117 Resp: 799050
Ion Ratio Lower Upper
117 100
82 60.0 45.3 67.9
119 33.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

Tgt Ion:152 Resp: 339299
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 158.9 0.0 348.6

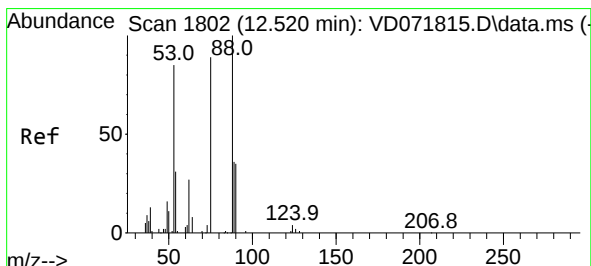
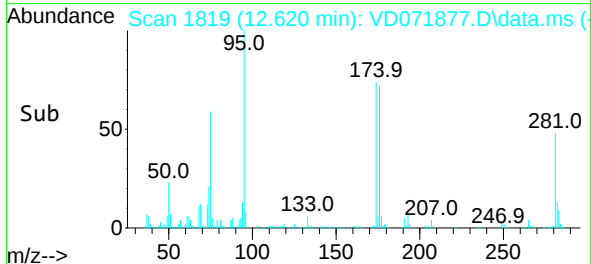
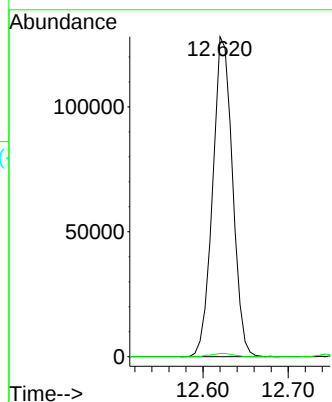
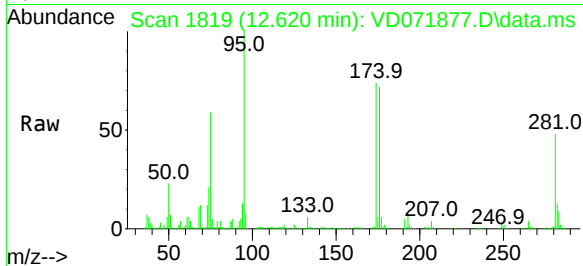




#76
 1,2,3-Trichloropropane
 Concen: 57.878 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071877.D
 Acq: 02 Feb 2022 13:29

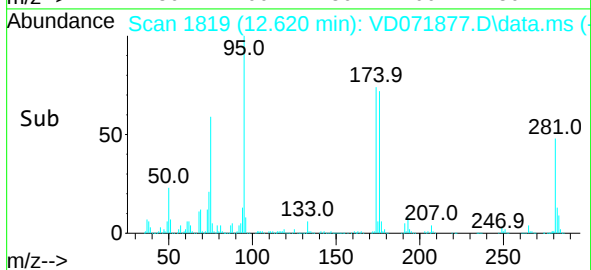
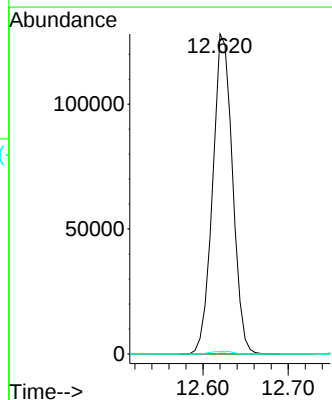
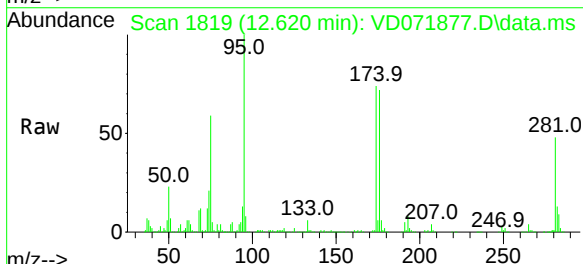
Instrument :
 MSVOA_D
 ClientSampleId :
 BU-2-020122

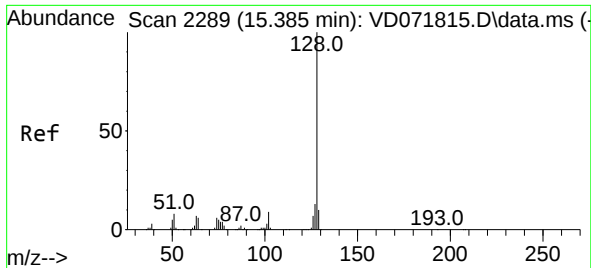
Tgt Ion: 75 Resp: 206959
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.308 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD071877.D
 Acq: 02 Feb 2022 13:29

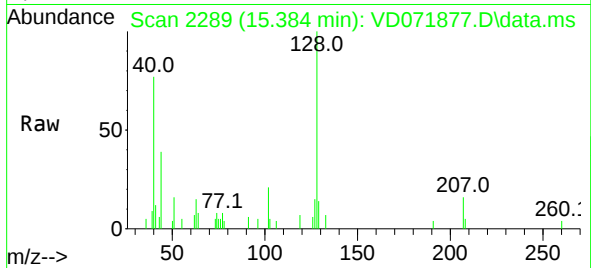
Tgt Ion: 75 Resp: 206959
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.9 33.9 50.9#





#95
Naphthalene
Concen: 2.244 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071877.D
Acq: 02 Feb 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
BU-2-020122



Tgt Ion:128 Resp: 9598
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 12.2 8.4 12.6

