

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071874.D
 Acq On : 02 Feb 2022 12:05
 Operator : VA/SY
 Sample : VD0202SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202SBL01

Quant Time: Feb 03 01:06:15 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)

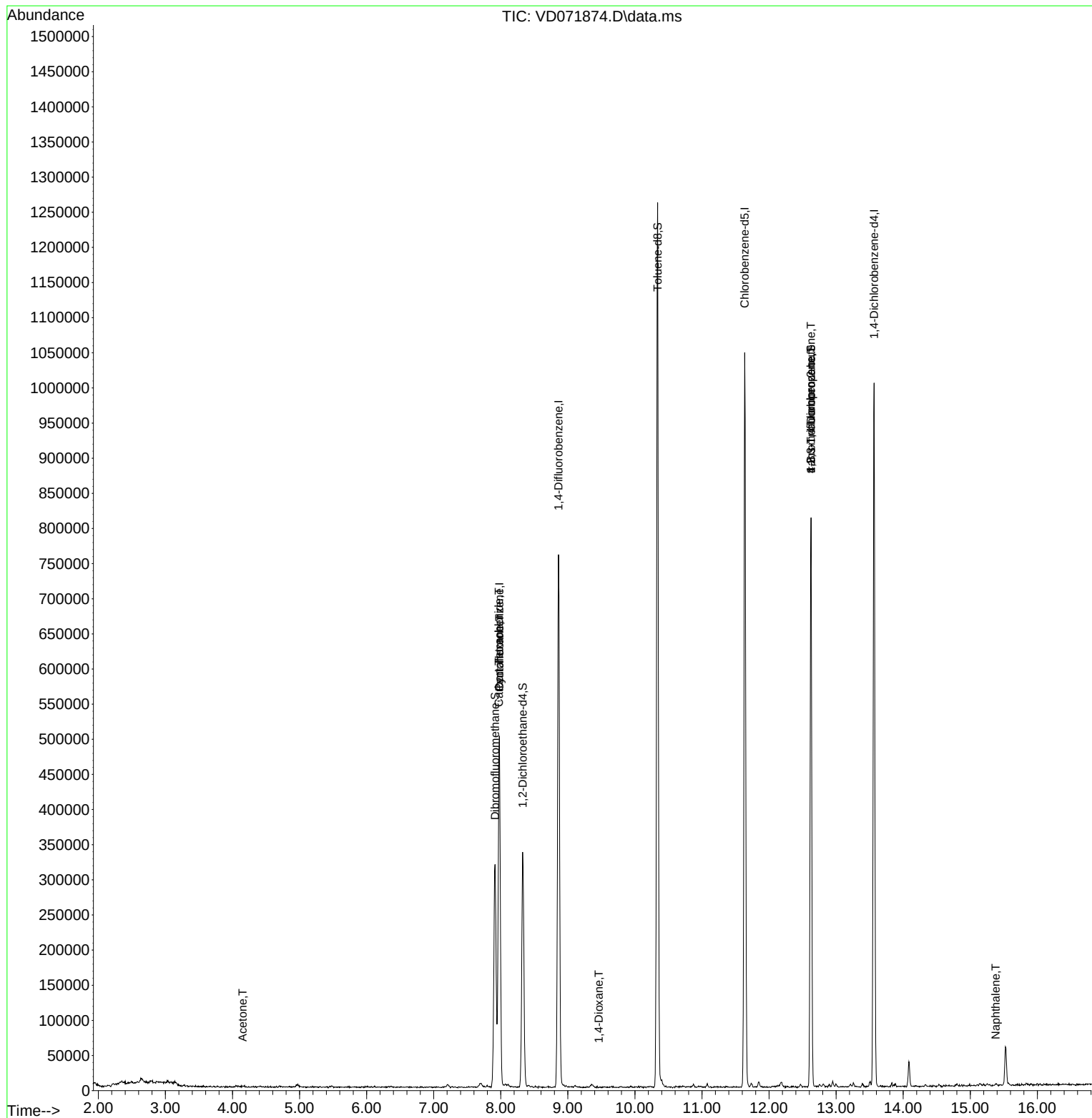
Internal Standards						
1) Pentafluorobenzene	7.979	168	339040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	614673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	564905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	248706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265407	61.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.860%	
35) Dibromofluoromethane	7.914	113	222681	55.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.220%	
50) Toluene-d8	10.338	98	791792	52.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.626	95	259930	49.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.660%	
Target Compounds						
11) Tert butyl alcohol	5.208	59	84	Below Cal	#	74
16) Acetone	4.150	43	1706	1.454	ug/l #	59
20) Methylene Chloride	4.961	84	2289	Below Cal	#	70
31) Cyclohexane	7.979	56	10193	1.246	ug/l #	1
38) Carbon Tetrachloride	7.973	117	35413	5.164	ug/l #	16
49) 1,4-Dioxane	9.461	88	60	2.080	ug/l #	21
76) 1,2,3-Trichloropropane	12.626	75	141322	53.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	141322	132.572	ug/l #	7
95) Naphthalene	15.379	128	2345	1.717	ug/l #	84

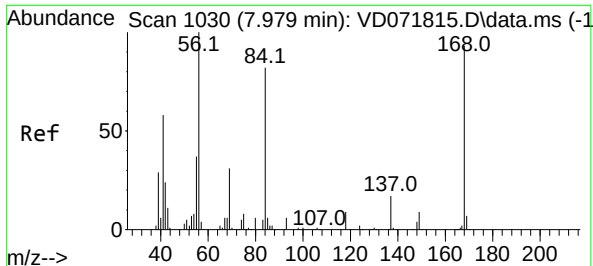
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Feb 03 01:06:15 2022
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

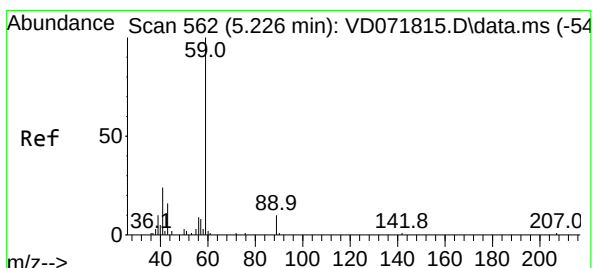
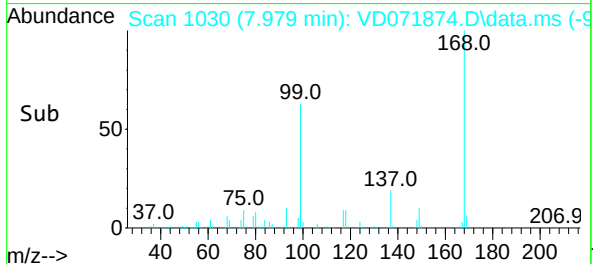
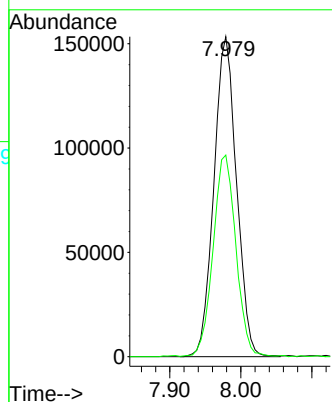
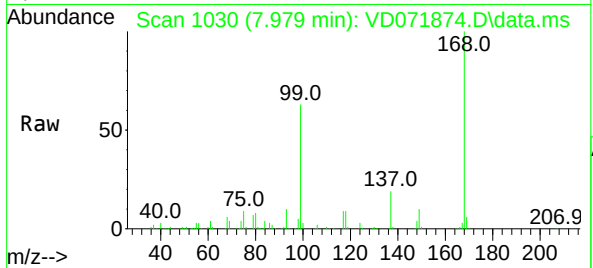




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

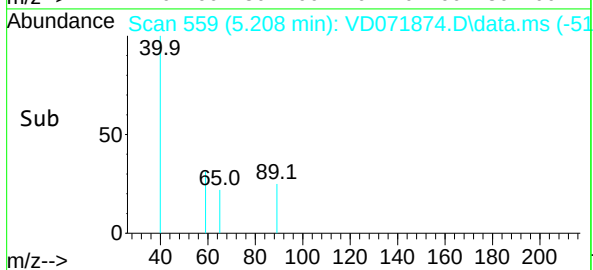
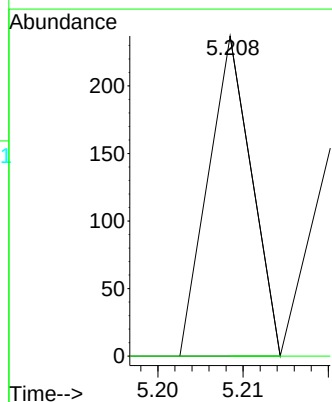
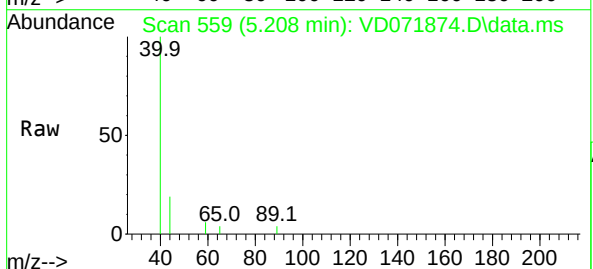
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

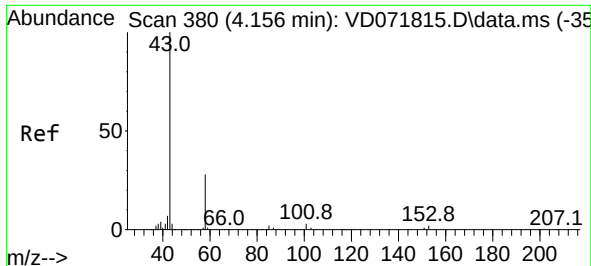
Tgt Ion:168 Resp: 339040
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

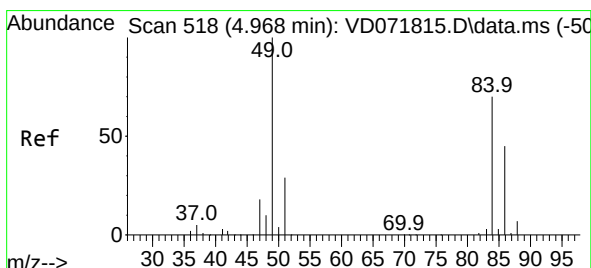
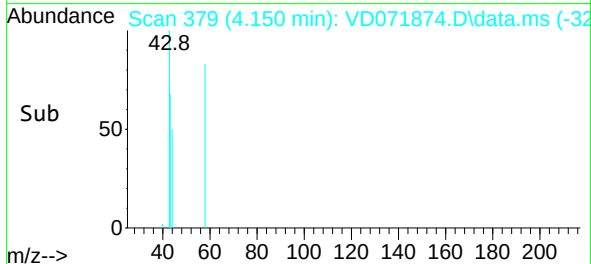
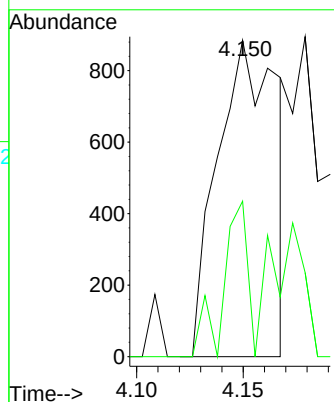
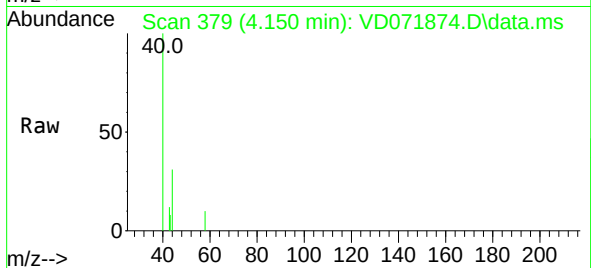




#16
Acetone
Concen: 1.454 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

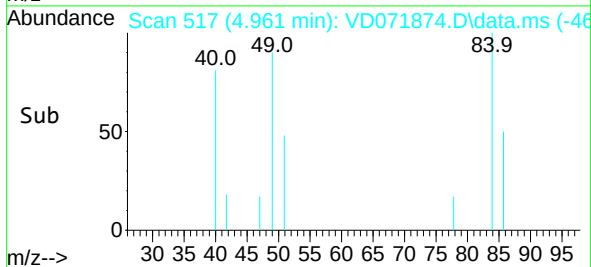
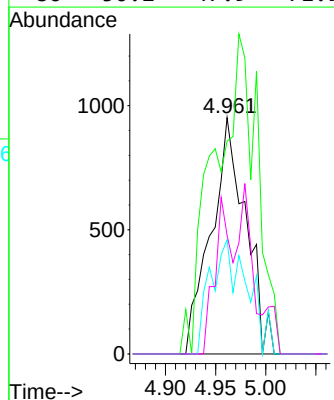
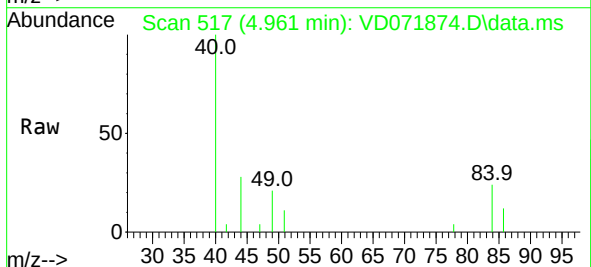
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

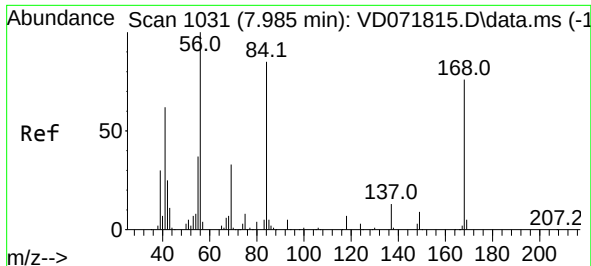
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
58 49.2 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 84 Resp: 2289
Ion Ratio Lower Upper
84 100
49 90.1 112.8 169.2#
51 48.3 32.6 48.8
86 50.2 47.9 71.9

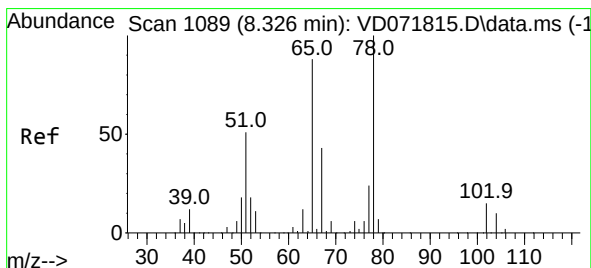
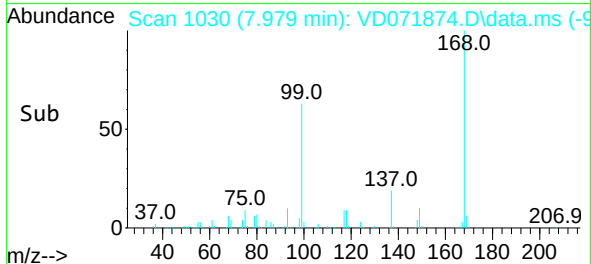
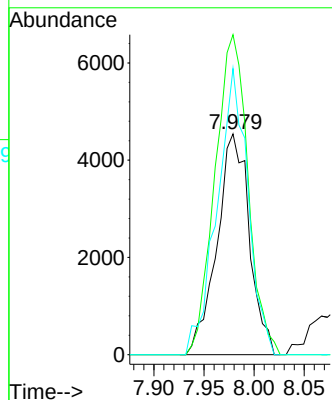
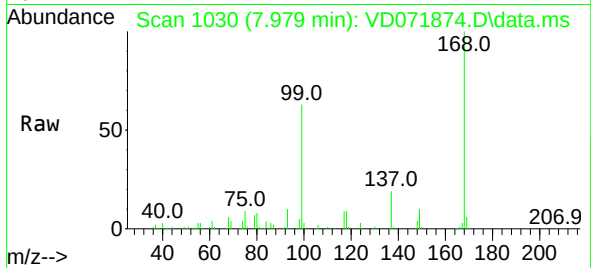




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

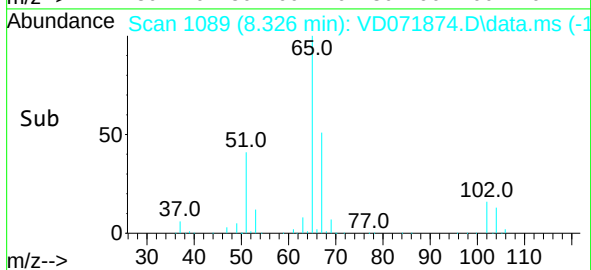
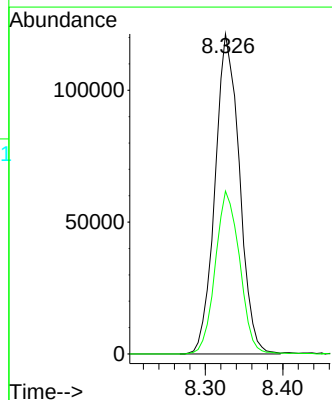
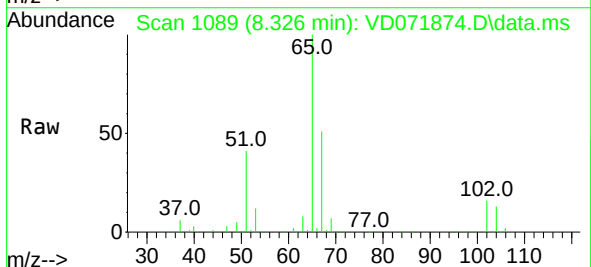
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

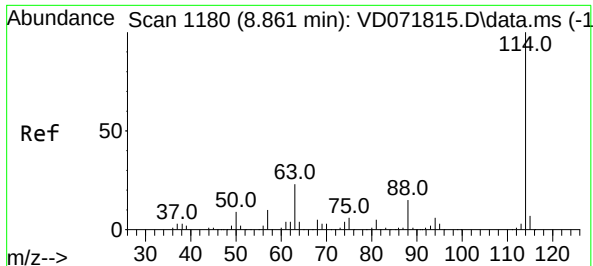
Tgt Ion: 56 Resp: 10193
Ion Ratio Lower Upper
56 100
69 144.9 25.4 38.2#
84 129.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 61.934 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 65 Resp: 265407
Ion Ratio Lower Upper
65 100
67 50.8 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: VD071874.D

Acq: 02 Feb 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0202SBL01

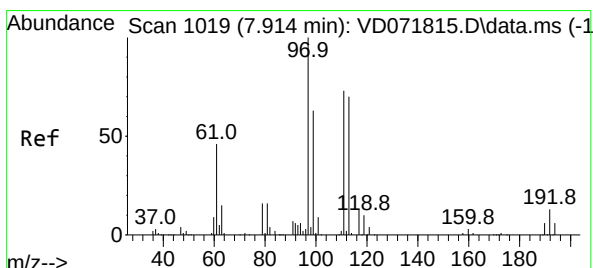
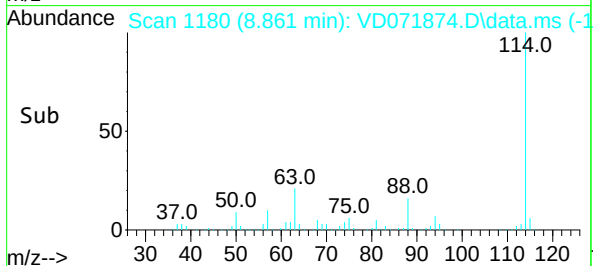
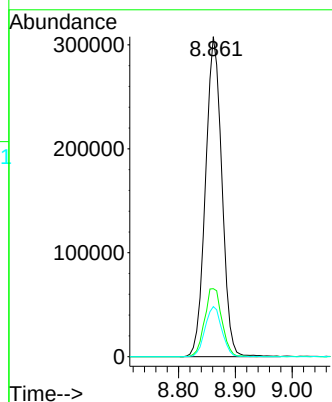
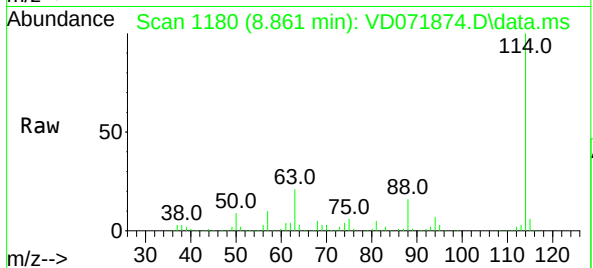
Tgt Ion:114 Resp: 614673

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.113 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071874.D

Acq: 02 Feb 2022 12:05

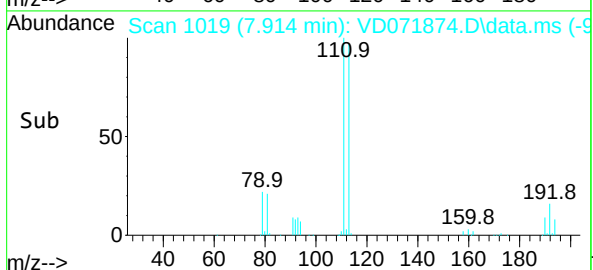
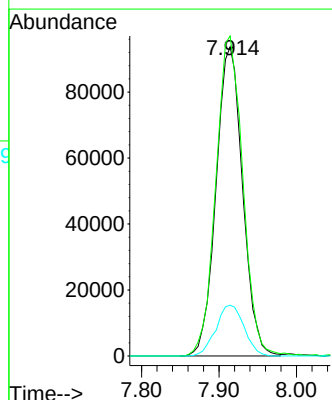
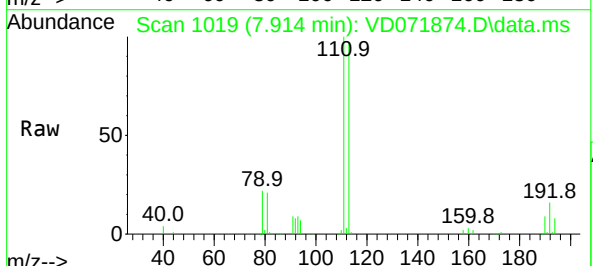
Tgt Ion:113 Resp: 222681

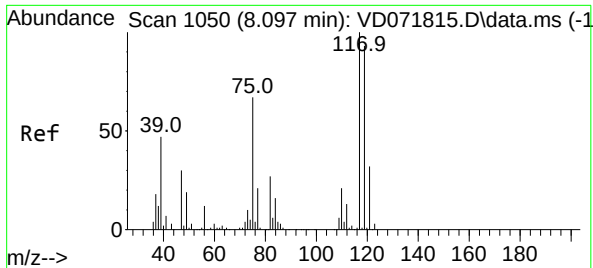
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 17.5 14.6 21.8

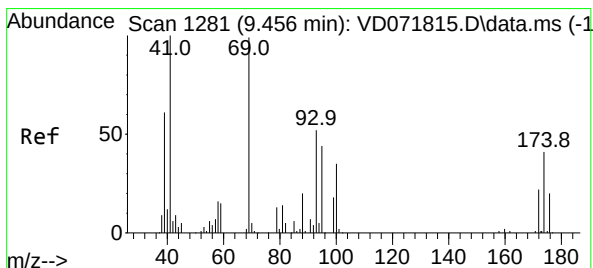
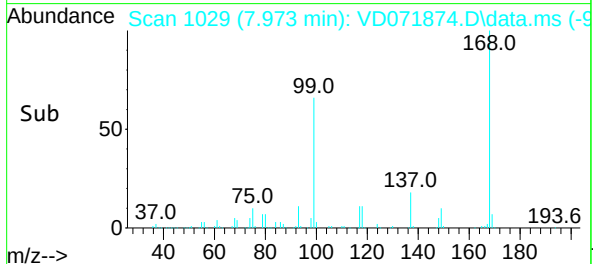
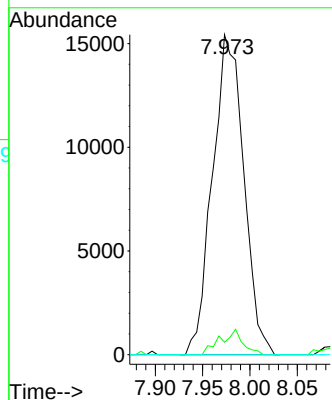
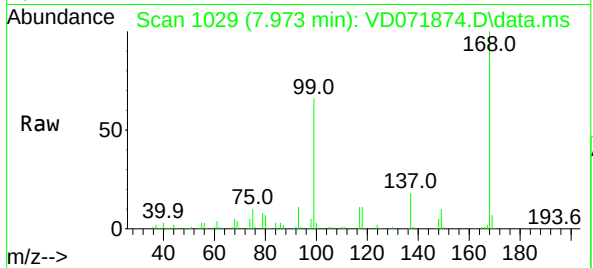




#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

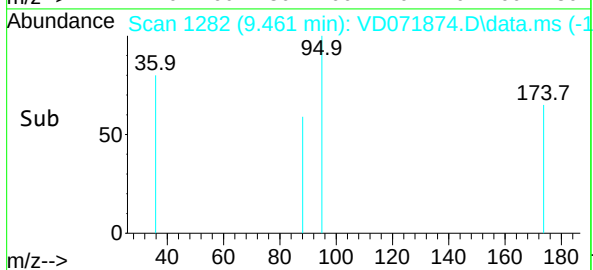
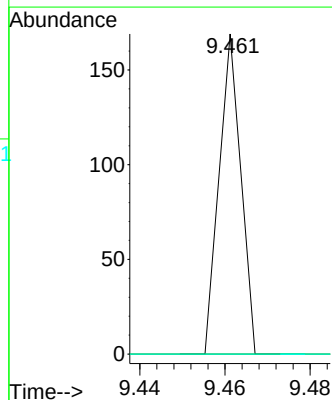
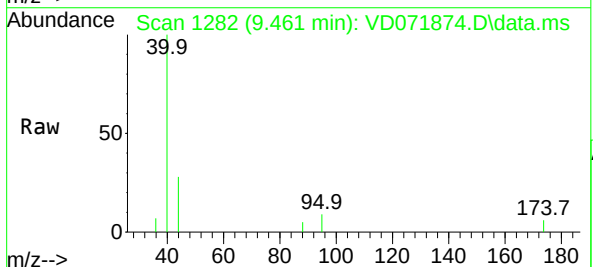
Instrument : MSVOA_D
ClientSampleId : VD0202SBL01

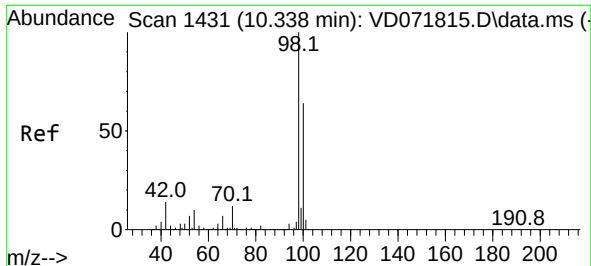
Tgt Ion: 117 Resp: 35413
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 2.080 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#

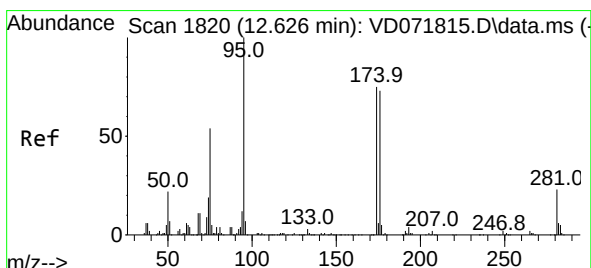
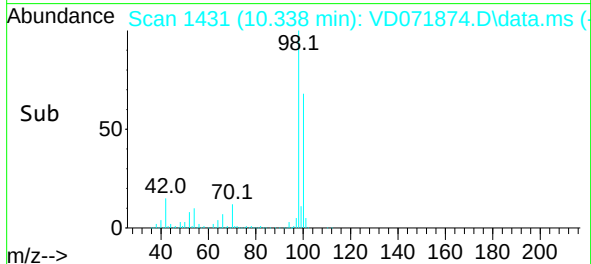
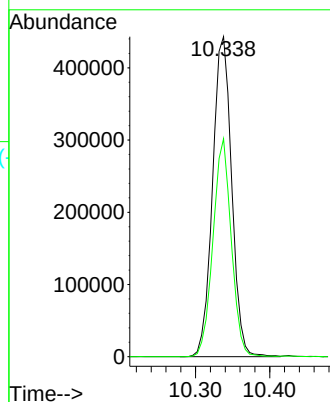
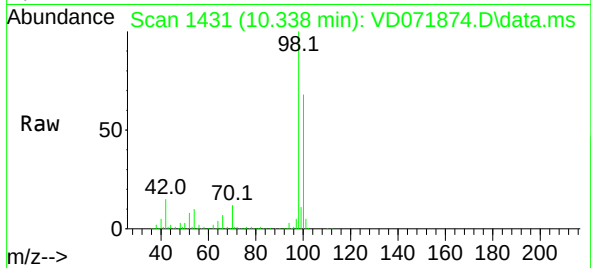




#50
Toluene-d8
Concen: 52.473 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

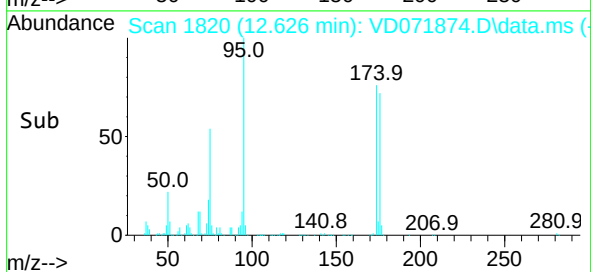
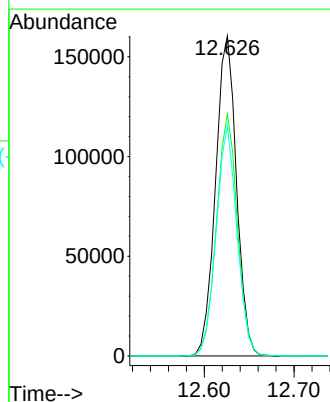
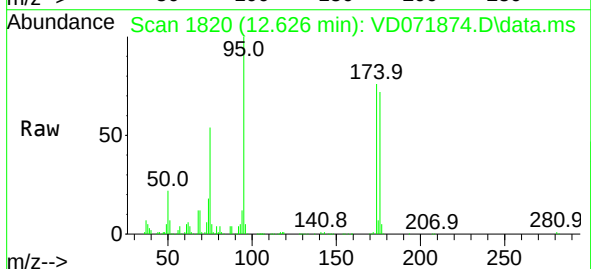
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

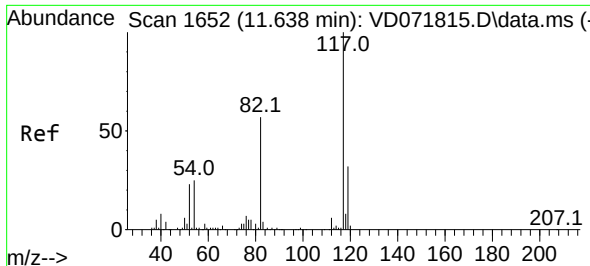
Tgt Ion: 98 Resp: 791792
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.327 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 95 Resp: 259930
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 71.2 0.0 145.4

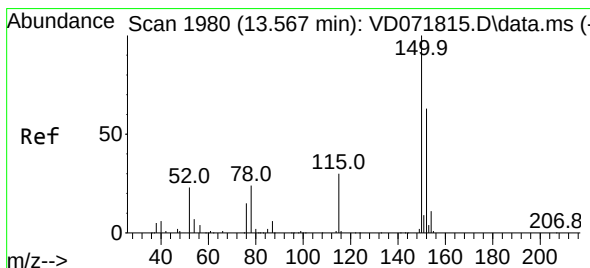
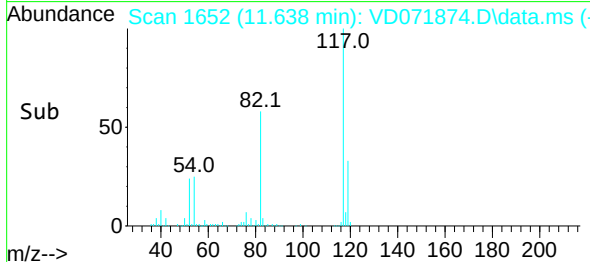
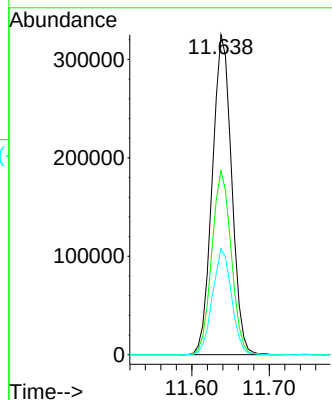
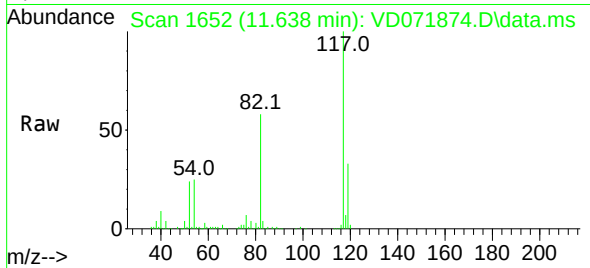




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

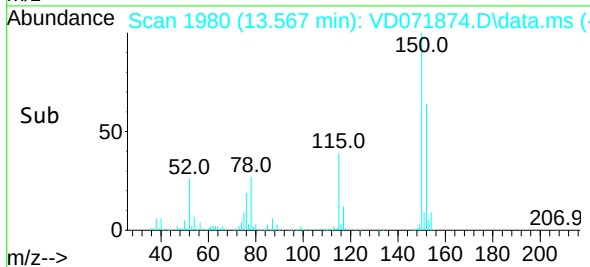
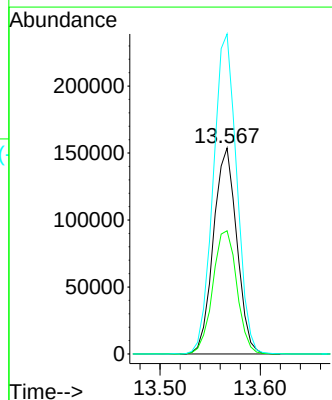
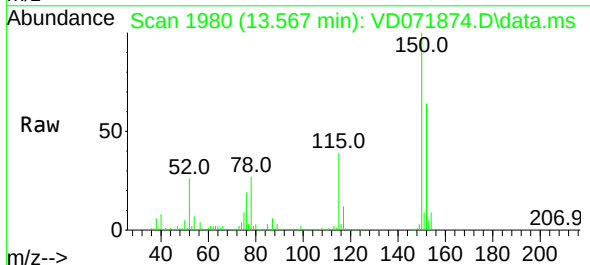
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

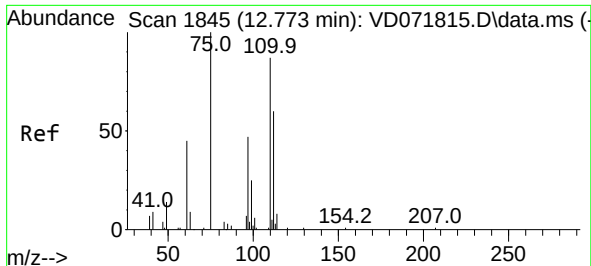
Tgt Ion:117 Resp: 564905
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion:152 Resp: 248706
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 156.4 0.0 348.6

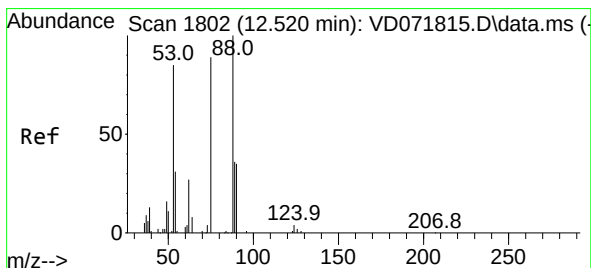
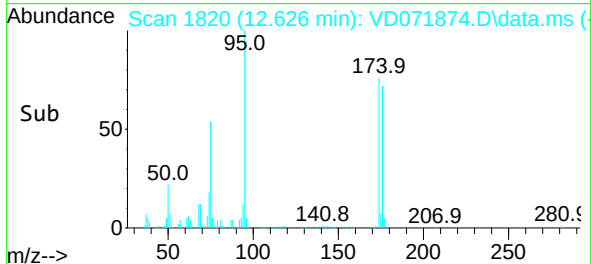
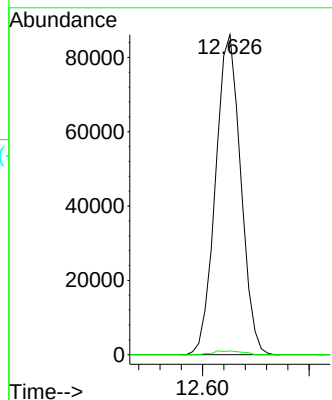
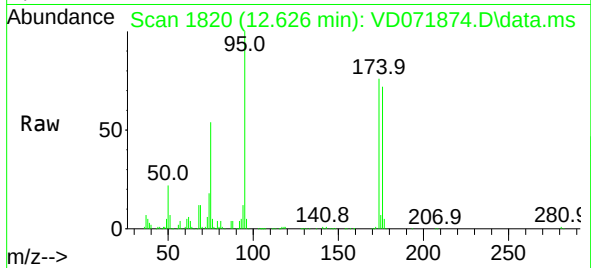




#76
1,2,3-Trichloropropane
Concen: 53.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

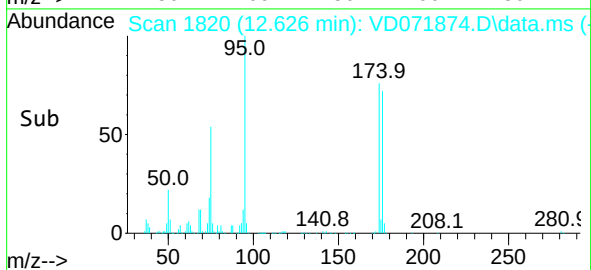
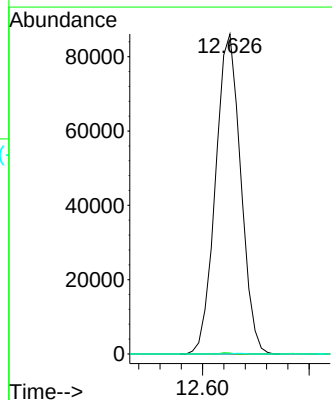
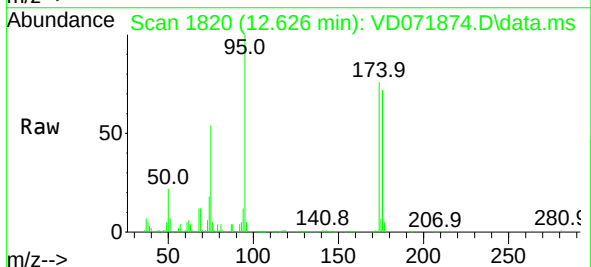
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

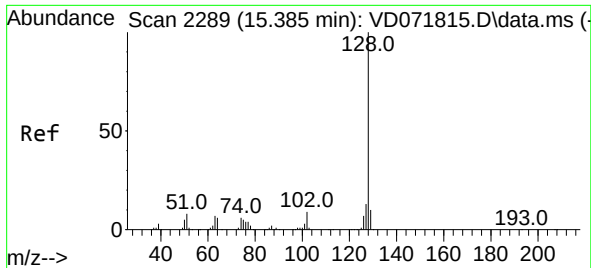
Tgt Ion: 75 Resp: 141322
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.572 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 75 Resp: 141322
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 1.717 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD071874.D

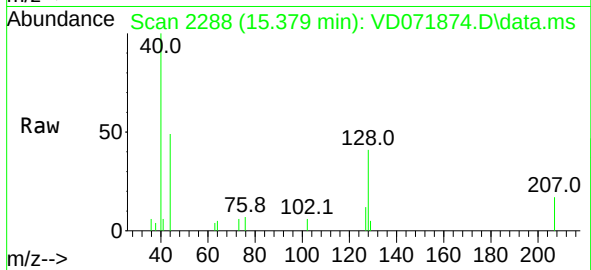
Acq: 02 Feb 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0202SBL01



Tgt Ion:128 Resp: 2345

Ion Ratio Lower Upper

128 100

127 21.7 10.3 15.5#

129 7.2 8.4 12.6#

