

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071816.D
 Acq On : 28 Jan 2022 11:34
 Operator : VA/SY
 Sample : VD0128SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBL01

Quant Time: Jan 29 04:50:12 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)

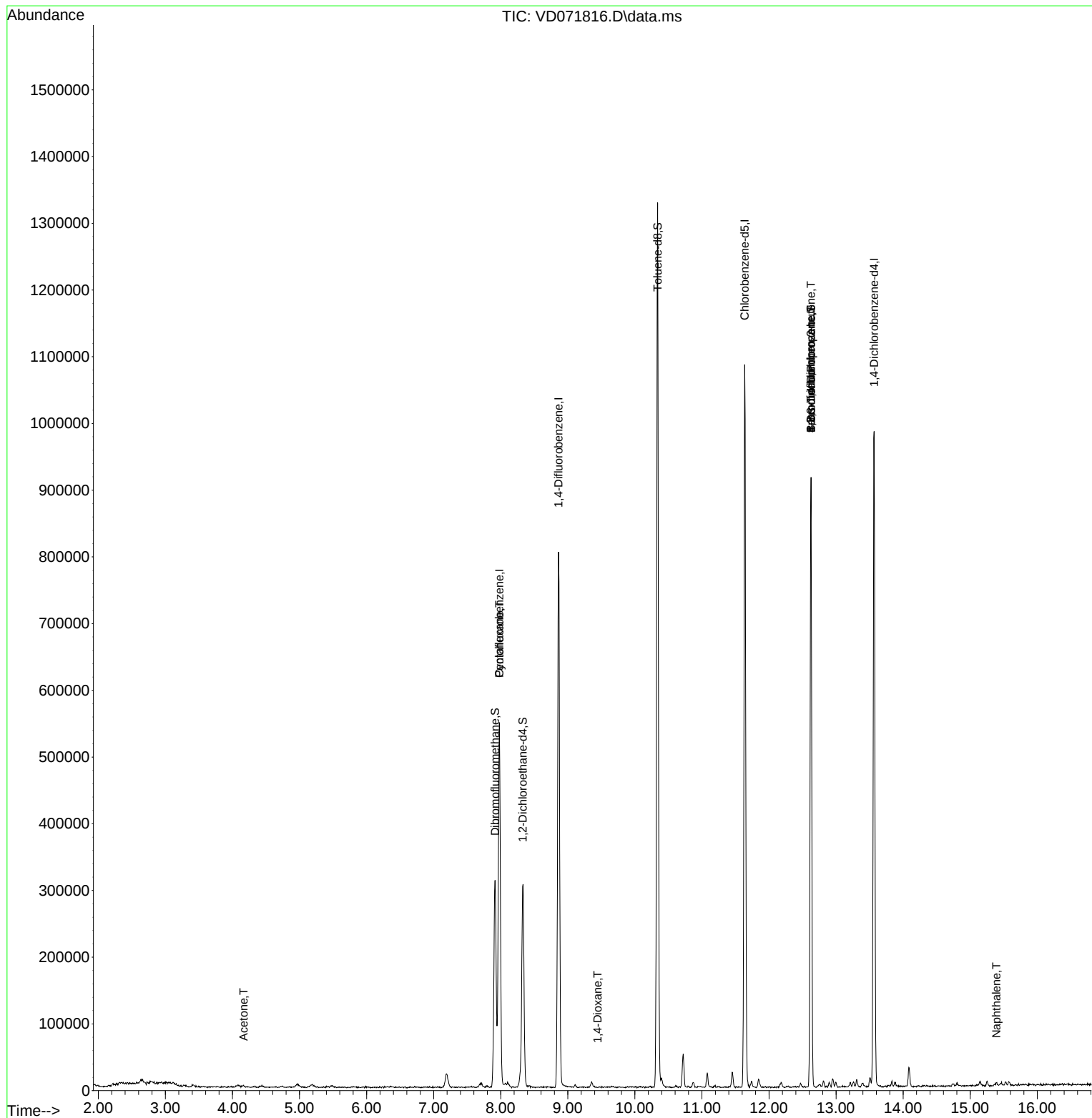
Internal Standards						
1) Pentafluorobenzene	7.979	168	367121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249279	53.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.440%			
35) Dibromofluoromethane	7.914	113	221779	52.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.480%			
50) Toluene-d8	10.338	98	835575	52.697	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.626	95	263165	47.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.060%			
Target Compounds						
11) Tert butyl alcohol	5.197	59	4302	Below Cal	# 74	
16) Acetone	4.168	43	4184	3.294	ug/l	92
20) Methylene Chloride	4.956	84	1553	Below Cal	# 65	
31) Cyclohexane	7.979	56	12158	1.372	ug/l	# 43
49) 1,4-Dioxane	9.444	88	60	1.979	ug/l	# 21
71) Bromoform	12.626	173	2638	1.097	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	148533	55.914	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	148533	137.479	ug/l	# 7
95) Naphthalene	15.391	128	3523	1.844	ug/l	# 93

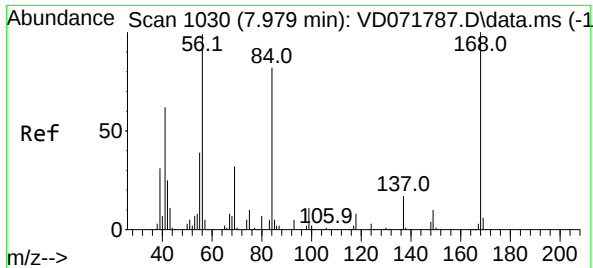
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
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ClientSampleId :
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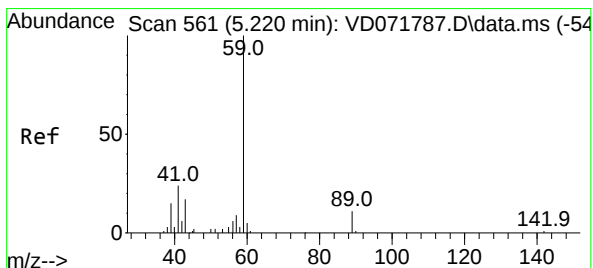
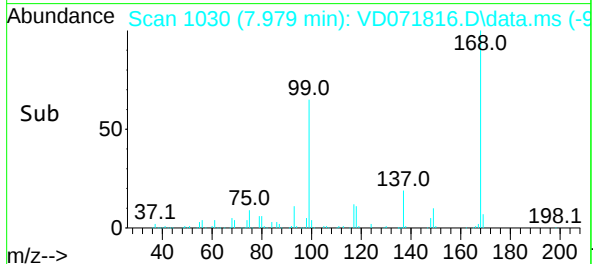
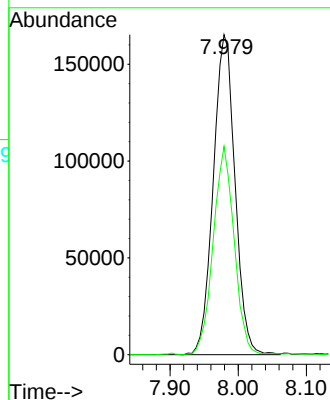
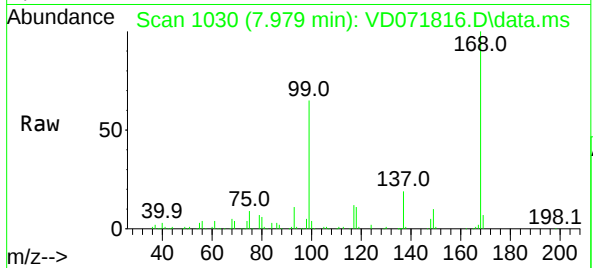




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

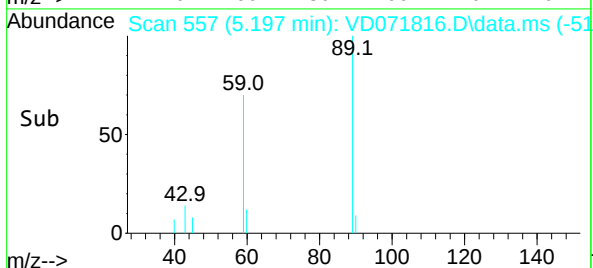
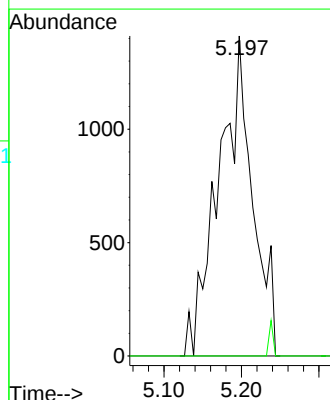
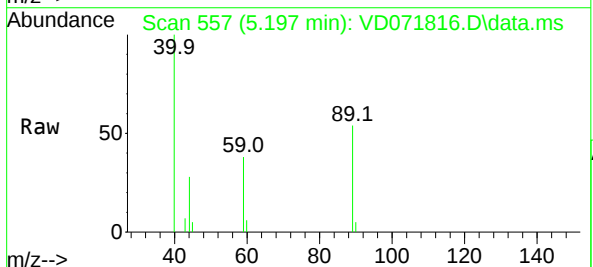
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

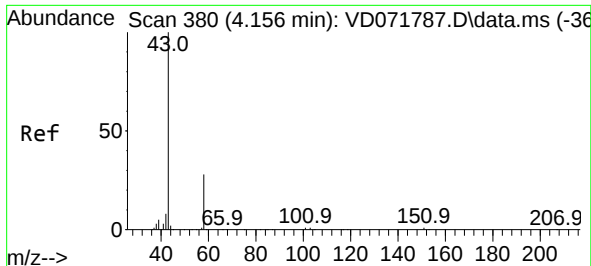
Tgt Ion:168 Resp: 367121
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 59 Resp: 4302
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

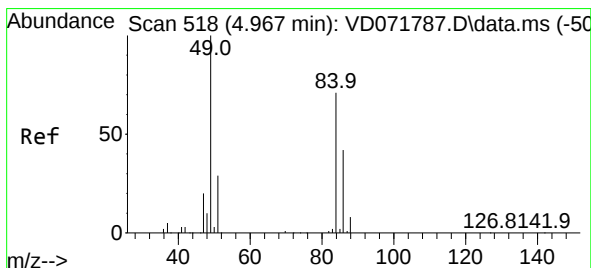
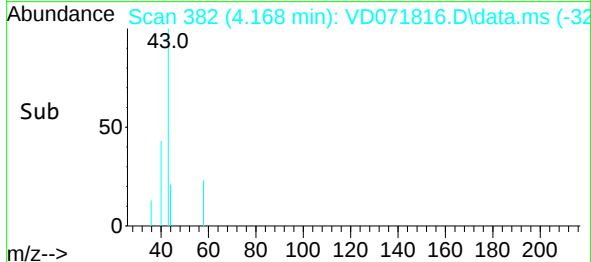
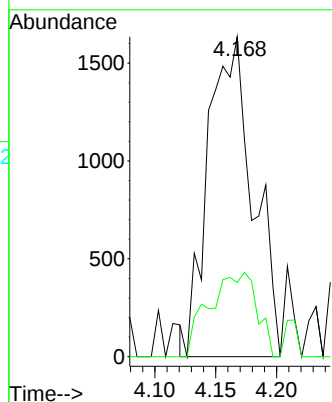
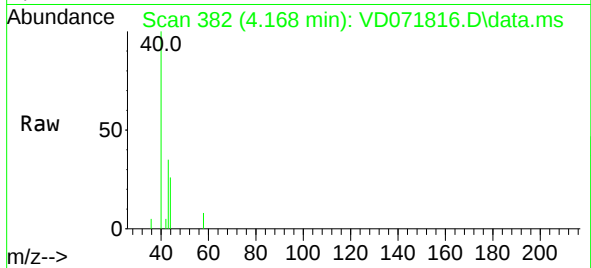




#16
Acetone
Concen: 3.294 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

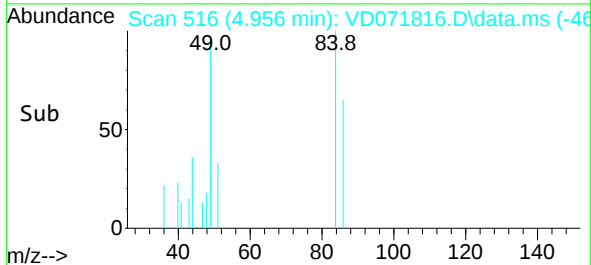
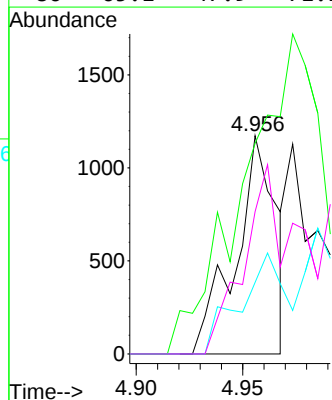
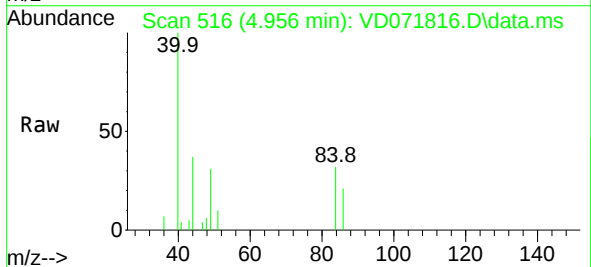
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

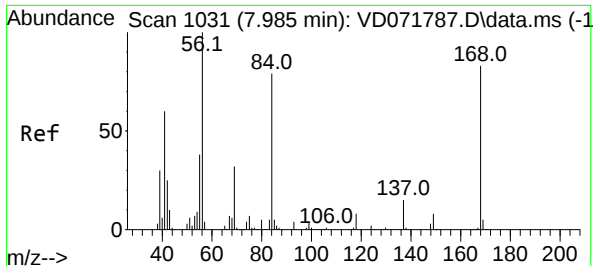
Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 84 Resp: 1553
Ion Ratio Lower Upper
84 100
49 76.6 112.8 169.2#
51 32.7 32.6 48.8
86 65.1 47.9 71.9





#31

Cyclohexane

Concen: 1.372 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071816.D

Acq: 28 Jan 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0128SBL01

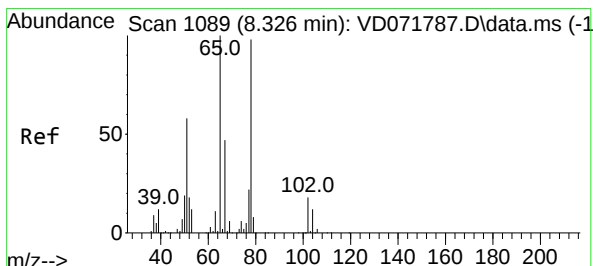
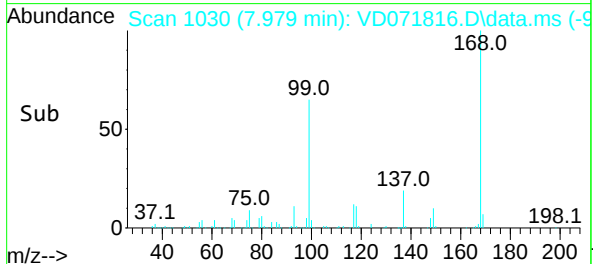
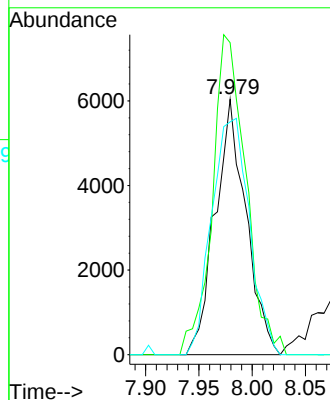
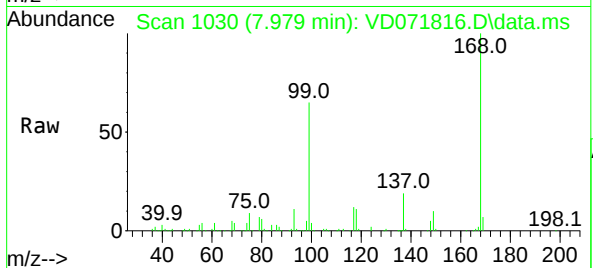
Tgt Ion: 56 Resp: 12158

Ion Ratio Lower Upper

56 100

69 122.2 25.4 38.2#

84 91.1 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 53.721 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071816.D

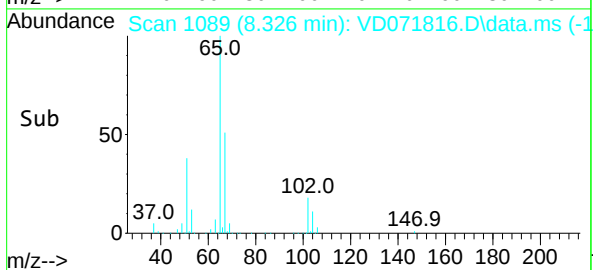
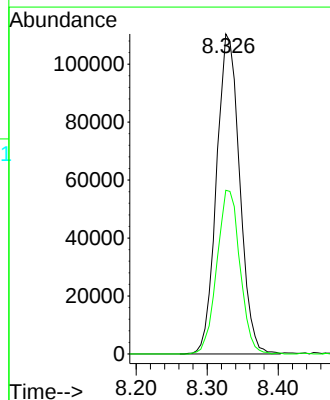
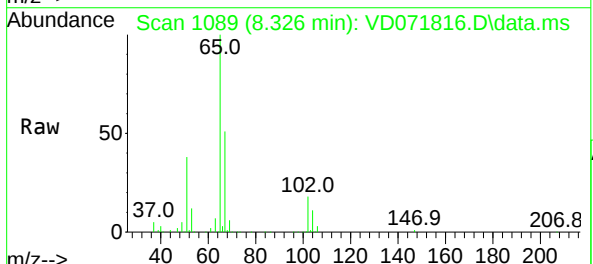
Acq: 28 Jan 2022 11:34

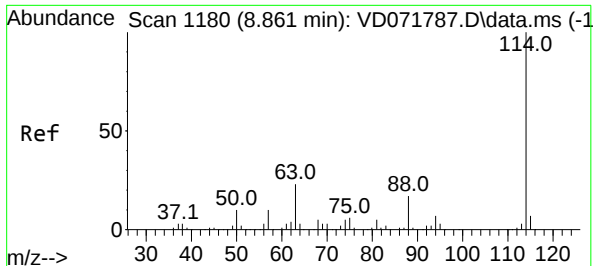
Tgt Ion: 65 Resp: 249279

Ion Ratio Lower Upper

65 100

67 51.1 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: VD071816.D

Acq: 28 Jan 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0128SBL01

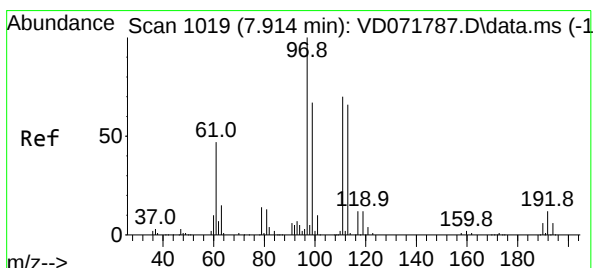
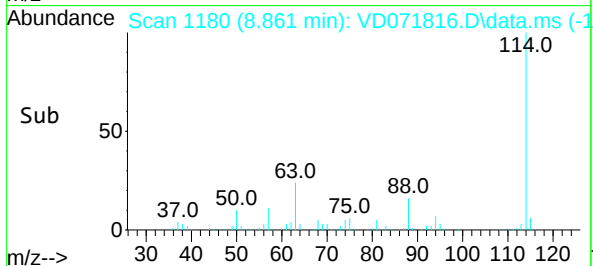
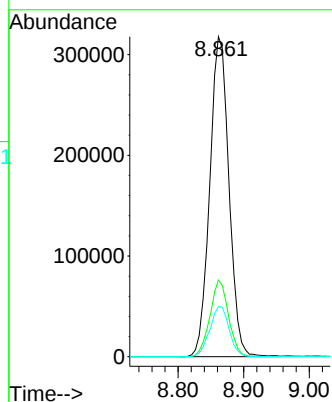
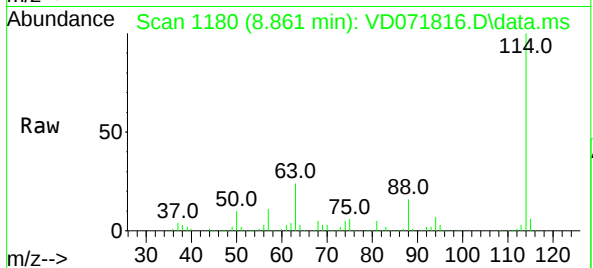
Tgt Ion:114 Resp: 645895

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.237 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071816.D

Acq: 28 Jan 2022 11:34

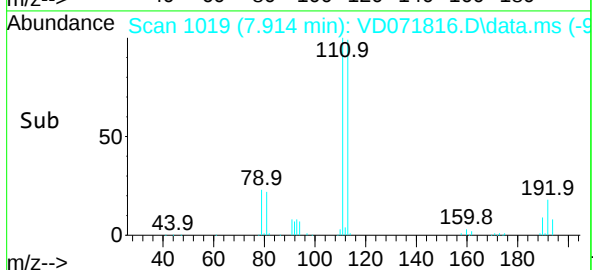
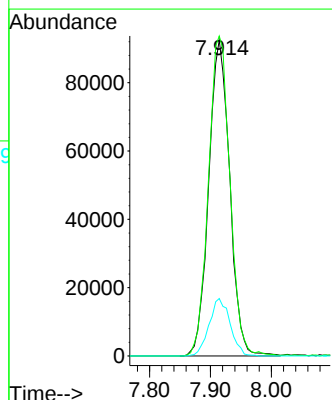
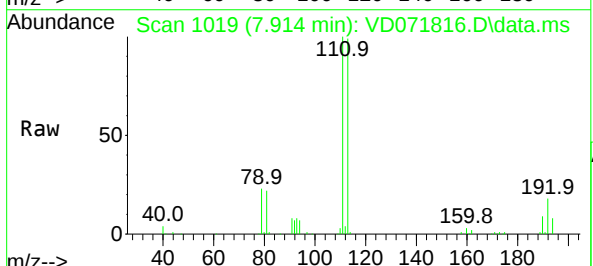
Tgt Ion:113 Resp: 221779

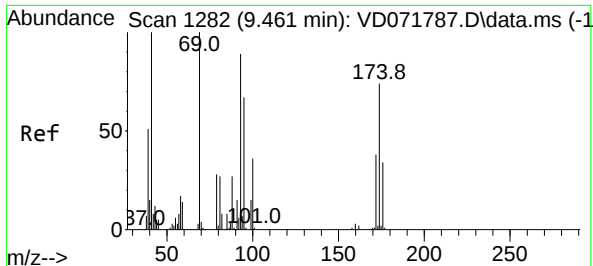
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.2 14.6 21.8





#49

1,4-Dioxane

Concen: 1.979 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.018 min

Lab File: VD071816.D

Acq: 28 Jan 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0128SBL01

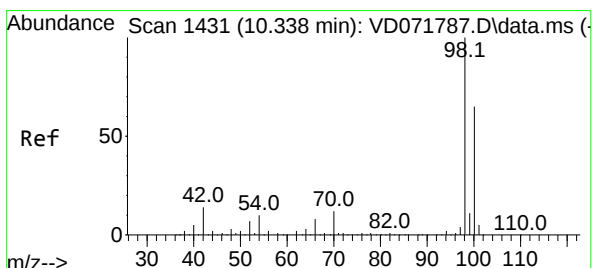
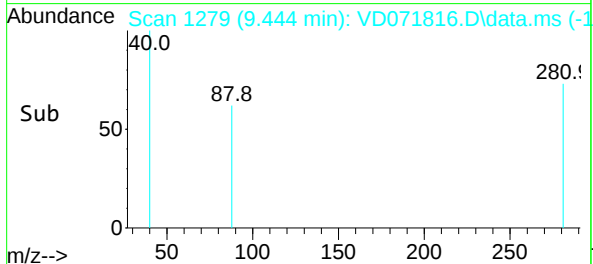
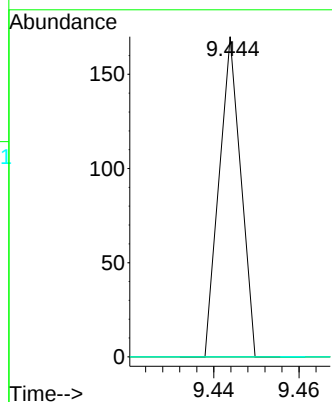
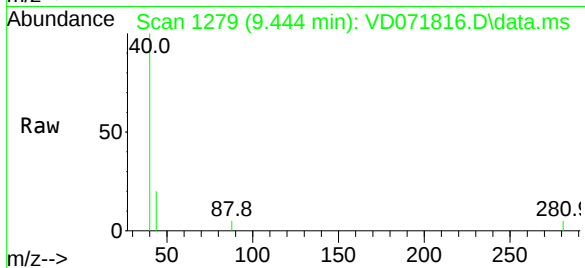
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 52.697 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071816.D

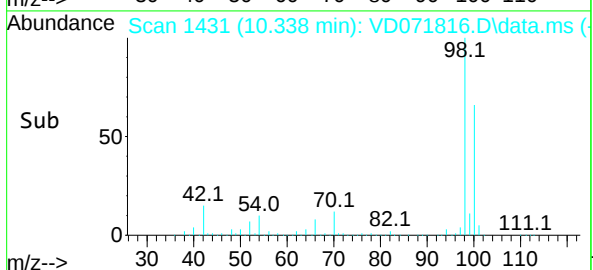
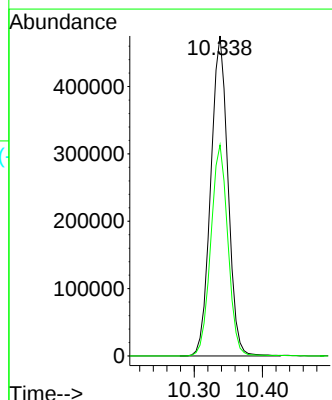
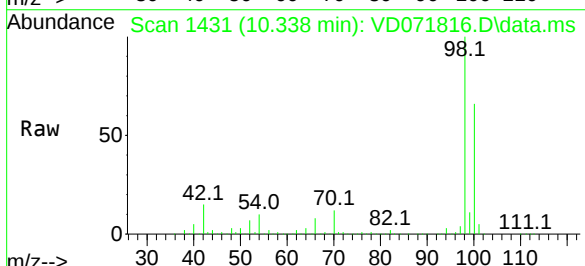
Acq: 28 Jan 2022 11:34

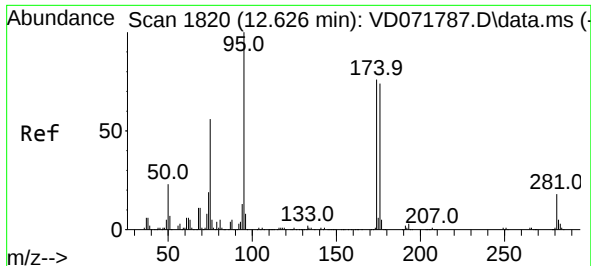
Tgt Ion: 98 Resp: 835575

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

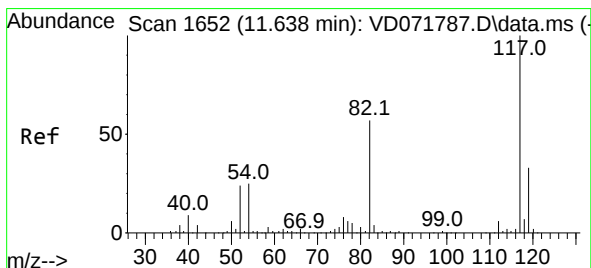
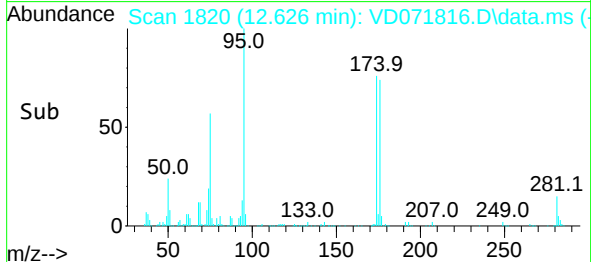
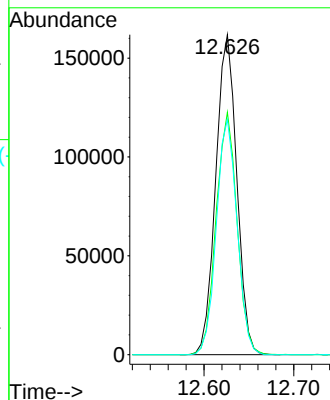
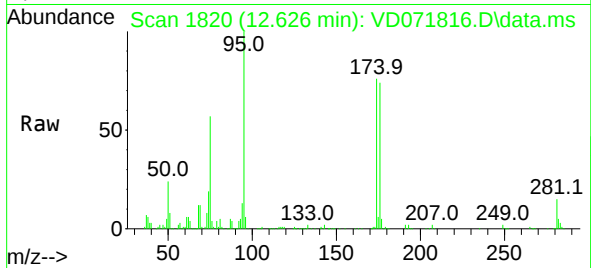




#62
4-Bromofluorobenzene
Concen: 47.527 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

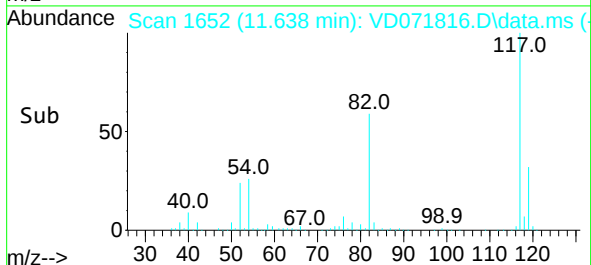
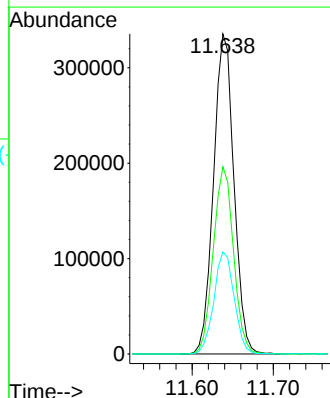
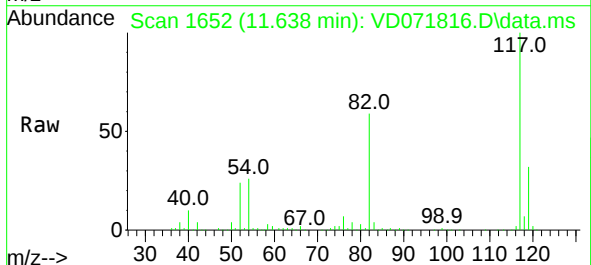
Instrument :
MSVOA_D
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VD0128SBL01

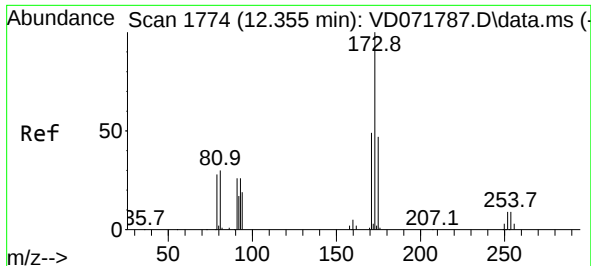
Tgt Ion: 95 Resp: 263165
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 117 Resp: 585184
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 31.9 26.6 40.0

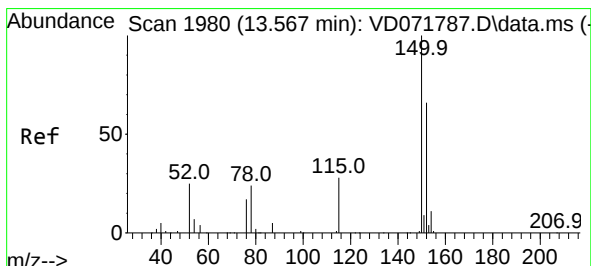
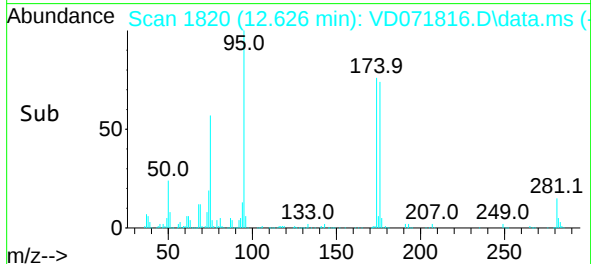
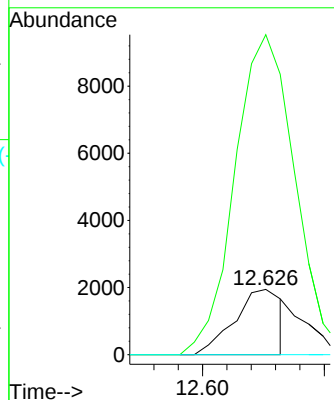
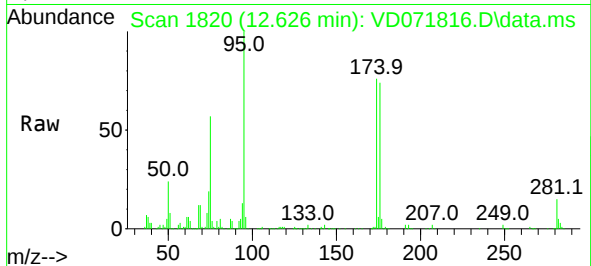




#71
Bromoform
Concen: 1.097 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

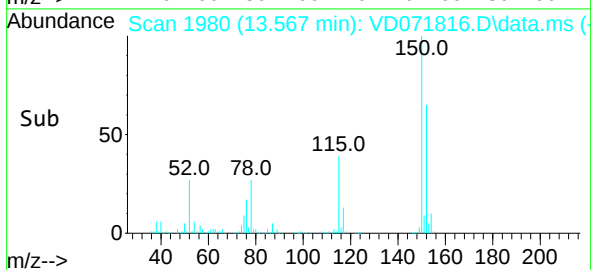
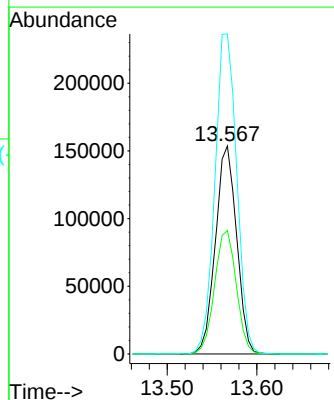
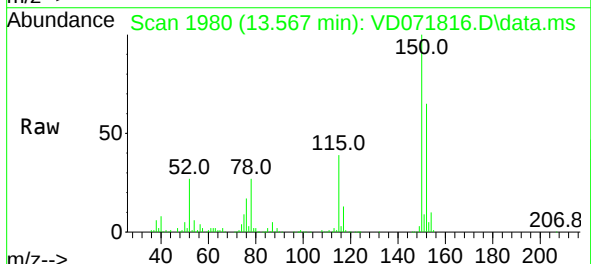
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

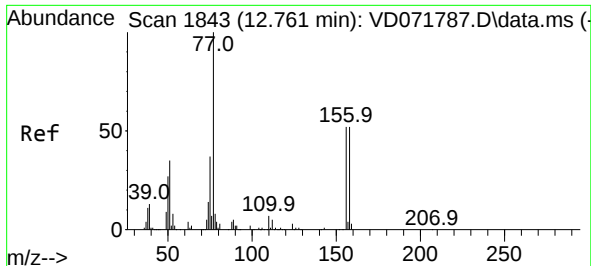
Tgt Ion:173 Resp: 2638
Ion Ratio Lower Upper
173 100
175 489.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion:152 Resp: 252067
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 158.5 0.0 348.6

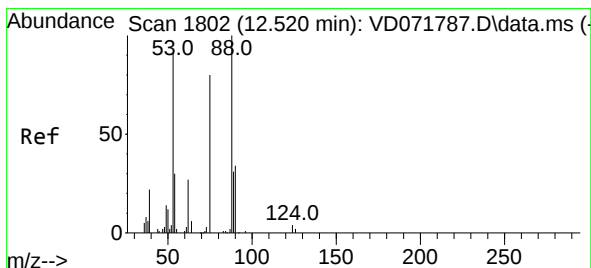
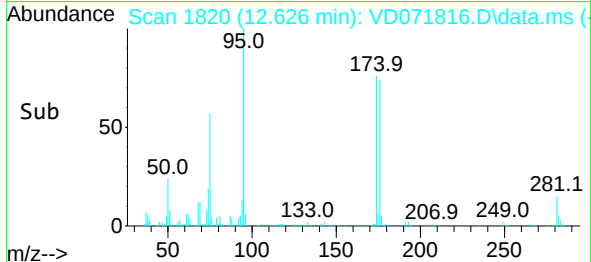
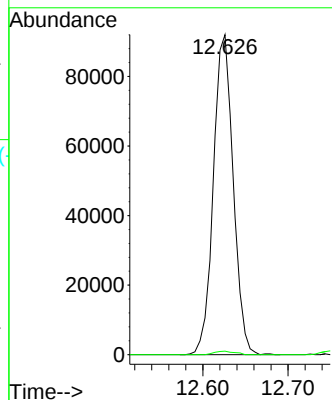
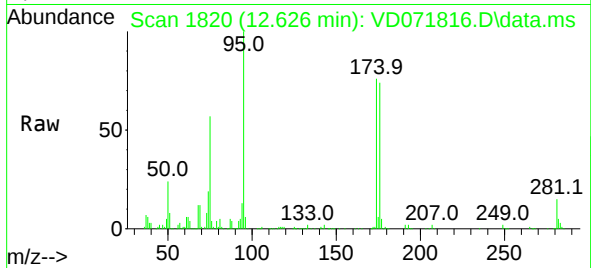




#76
1,2,3-Trichloropropane
Concen: 55.914 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

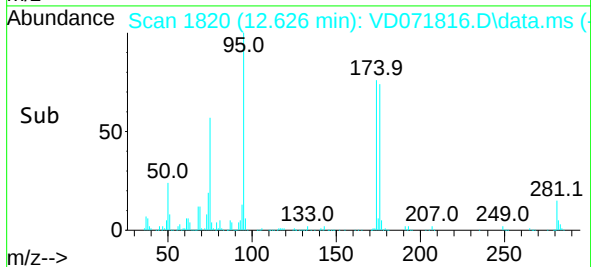
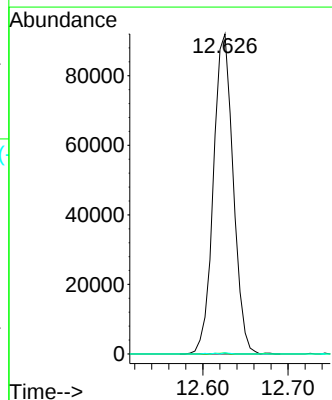
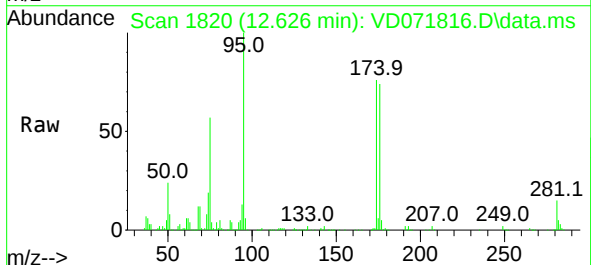
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

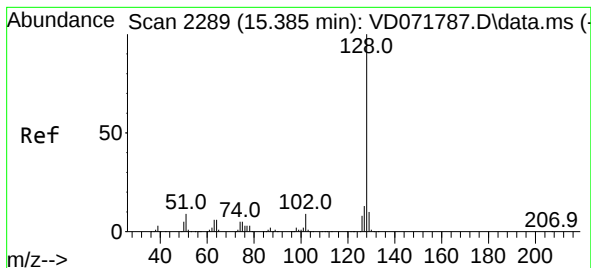
Tgt Ion: 75 Resp: 148533
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.479 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 75 Resp: 148533
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#





#95

Naphthalene

Concen: 1.844 ug/l

RT: 15.391 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD071816.D

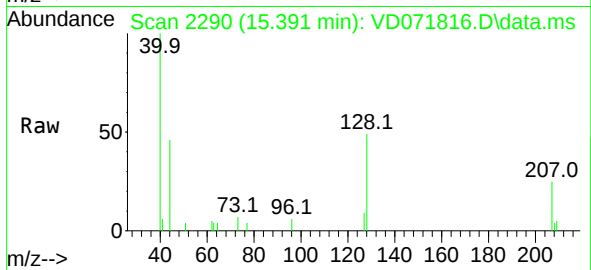
Acq: 28 Jan 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0128SBL01



Tgt Ion:128 Resp: 3523

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

129 7.7 8.4 12.6#

