

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071830.D
 Acq On : 28 Jan 2022 18:08
 Operator : VA/SY
 Sample : N1312-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-012722

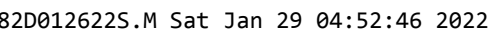
Quant Time: Jan 29 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

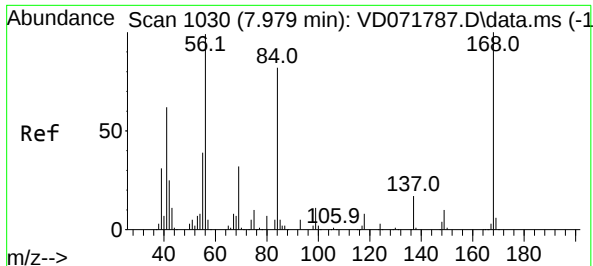
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	305115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	562645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	238457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234481	60.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.600%			
35) Dibromofluoromethane	7.914	113	199226	53.868	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.740%			
50) Toluene-d8	10.332	98	716810	51.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.626	95	234878	48.695	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.380%			
Target Compounds						
11) Tert butyl alcohol	5.203	59	59	Below Cal	#	74
16) Acetone	4.162	43	28632	27.122	ug/l	93
20) Methylene Chloride	4.968	84	4770	Below Cal		83
25) 2-Butanone	7.215	43	3481	2.829	ug/l	92
31) Cyclohexane	7.973	56	9470	1.286	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	28310	4.460	ug/l #	50
37) Ethyl Acetate	7.215	43	3481	1.179	ug/l #	72
38) Carbon Tetrachloride	7.973	117	32985	5.254	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4549	1.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	132529	52.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	132529	129.667	ug/l #	7
95) Naphthalene	15.385	128	15862	3.313	ug/l	97

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

Quant Time: Jan 29 04:52:43 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

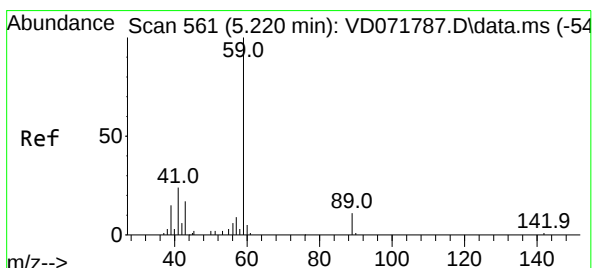
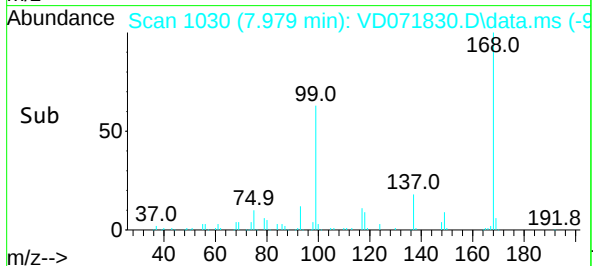
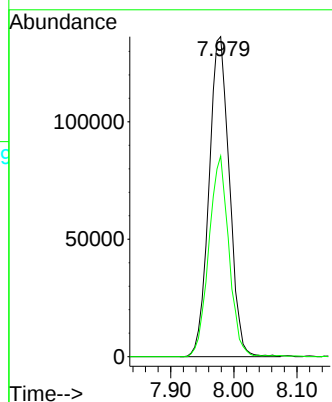
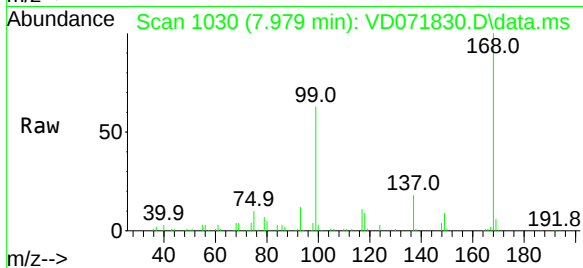




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

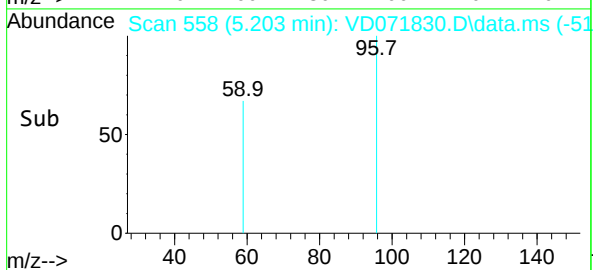
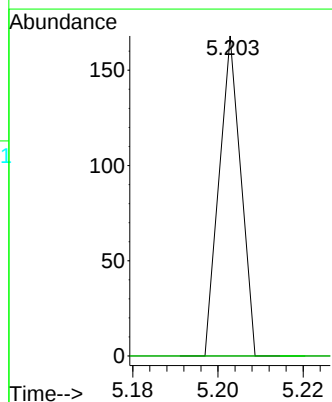
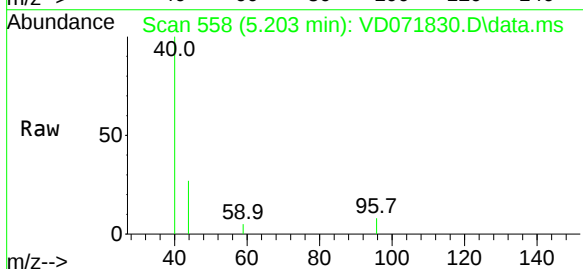
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

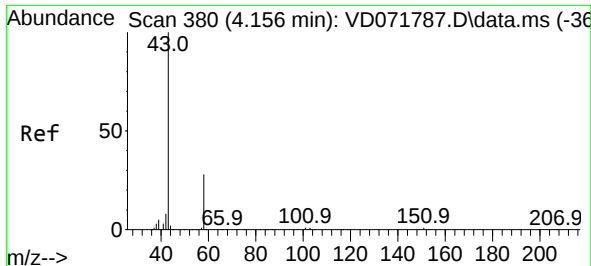
Tgt Ion:168 Resp: 305115
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

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

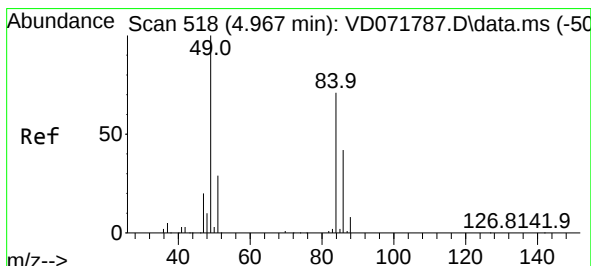
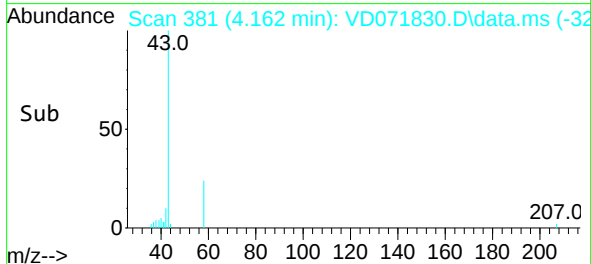
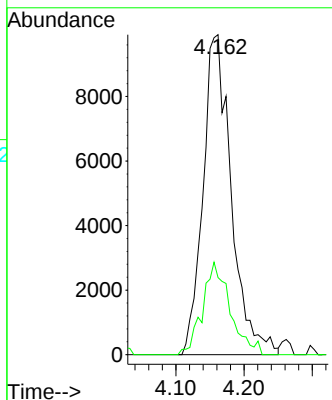
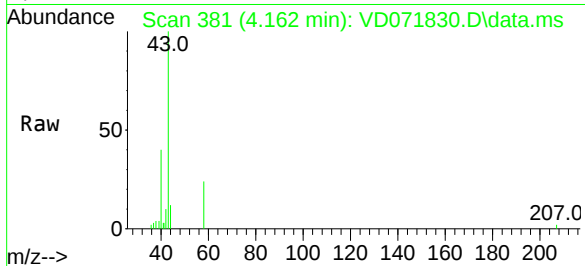




#16
Acetone
Concen: 27.122 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

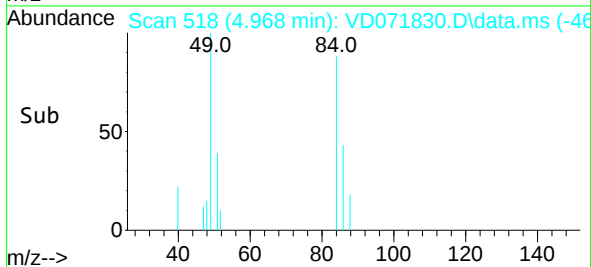
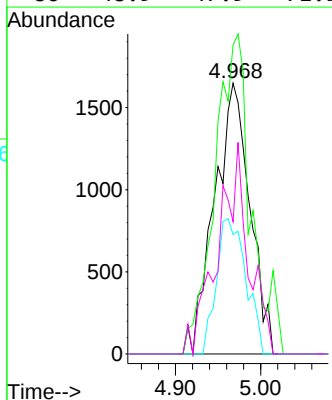
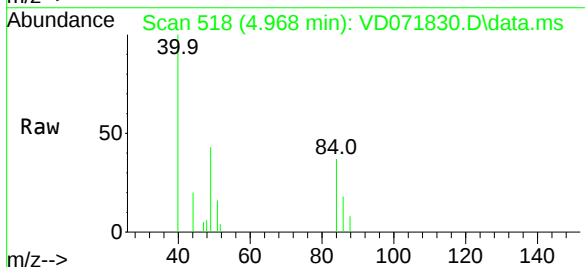
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

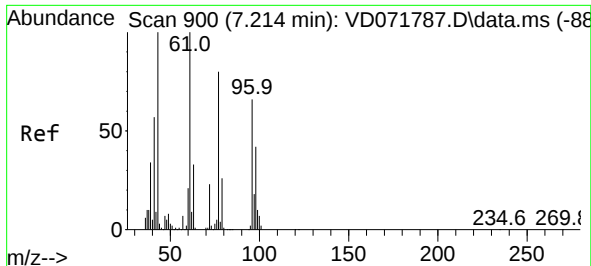
Tgt Ion: 43 Resp: 28632
Ion Ratio Lower Upper
43 100
58 24.1 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 84 Resp: 4770
Ion Ratio Lower Upper
84 100
49 114.1 112.8 169.2
51 44.1 32.6 48.8
86 48.9 47.9 71.9

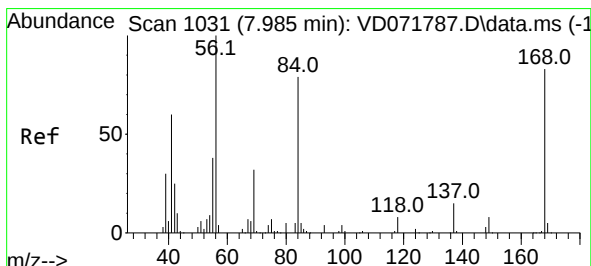
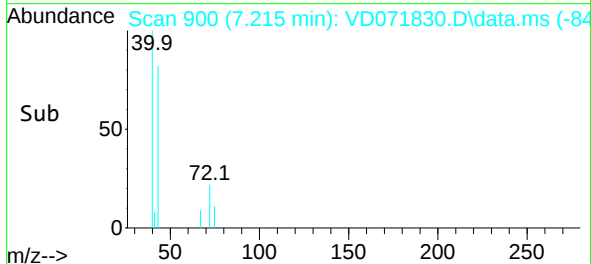
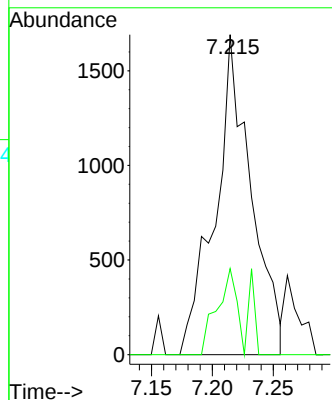
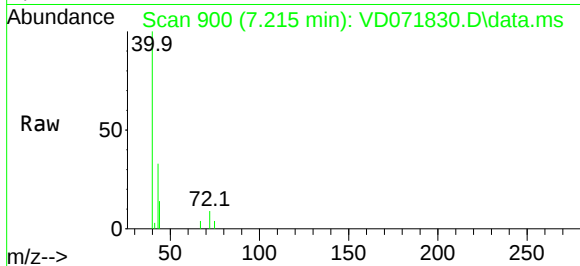




#25
2-Butanone
Concen: 2.829 ug/l
RT: 7.215 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

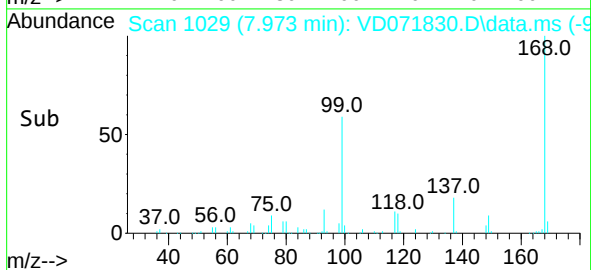
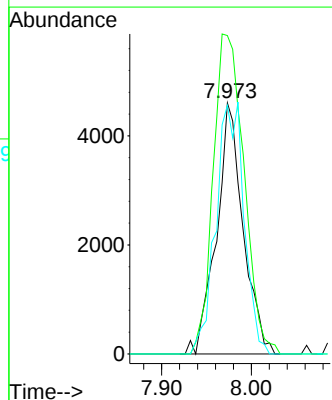
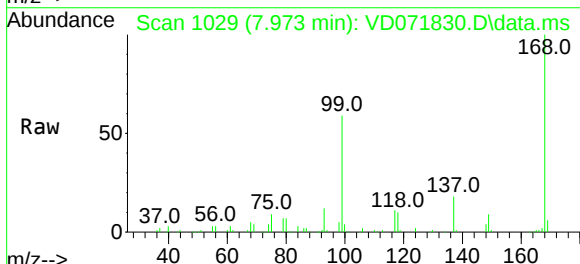
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

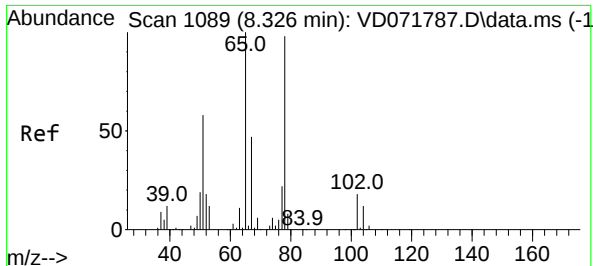
Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 56 Resp: 9470
Ion Ratio Lower Upper
56 100
69 126.9 25.4 38.2#
84 99.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 60.802 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071830.D

Acq: 28 Jan 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

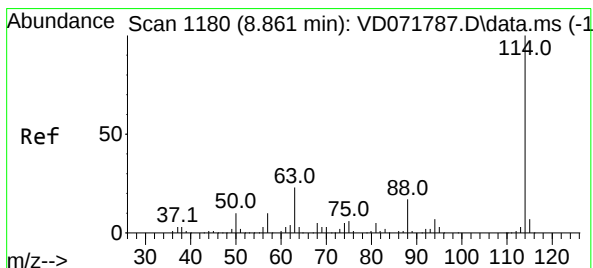
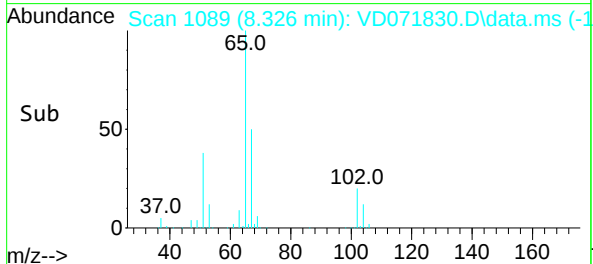
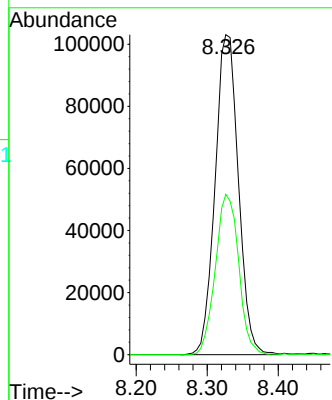
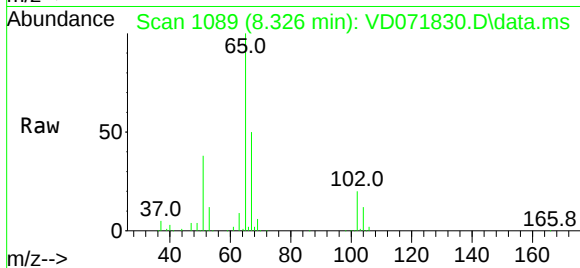
OR-03-012722

Tgt Ion: 65 Resp: 234481

Ion Ratio Lower Upper

65 100

67 50.2 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: VD071830.D

Acq: 28 Jan 2022 18:08

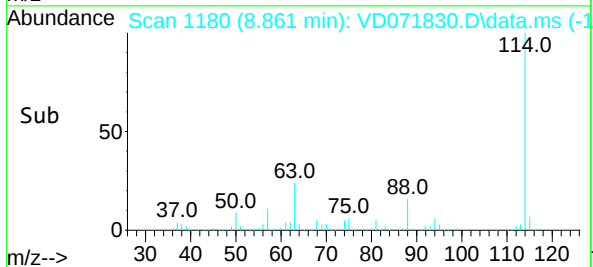
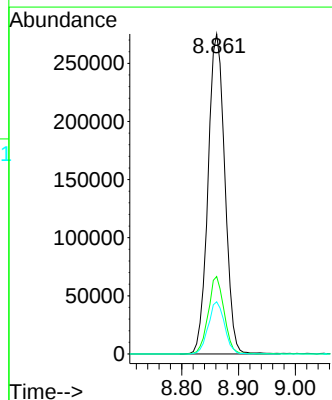
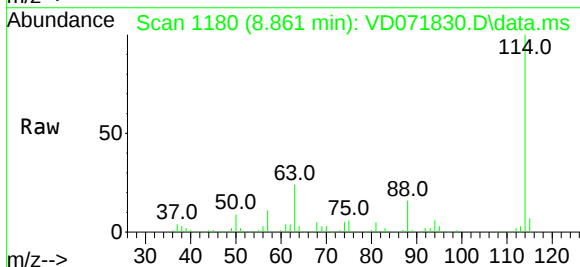
Tgt Ion: 114 Resp: 562645

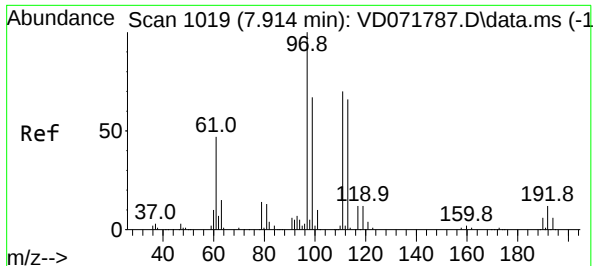
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.868 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071830.D

Acq: 28 Jan 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

OR-03-012722

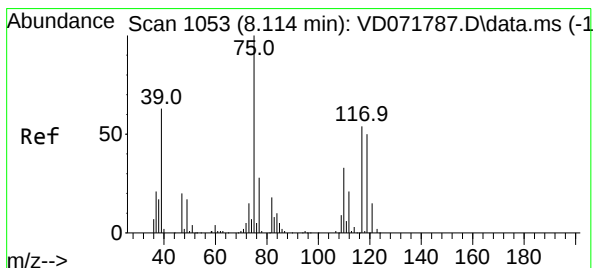
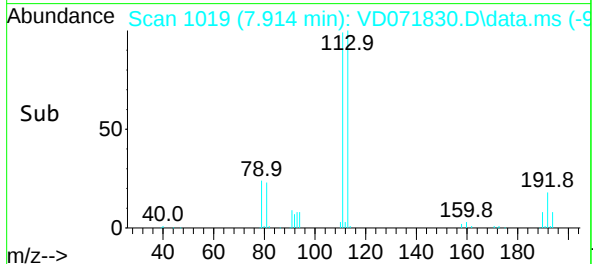
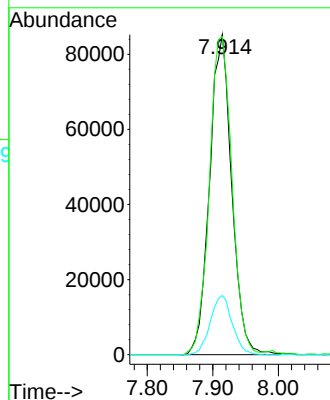
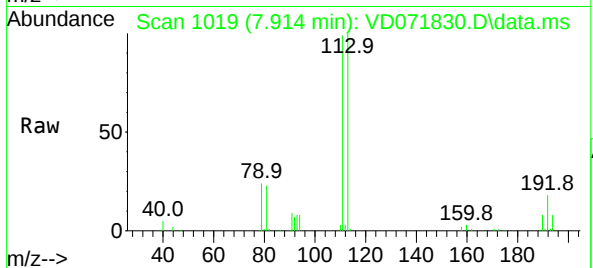
Tgt Ion:113 Resp: 199226

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.460 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071830.D

Acq: 28 Jan 2022 18:08

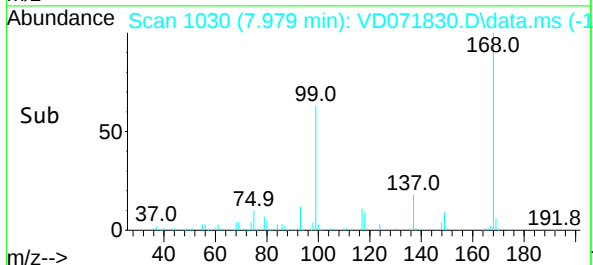
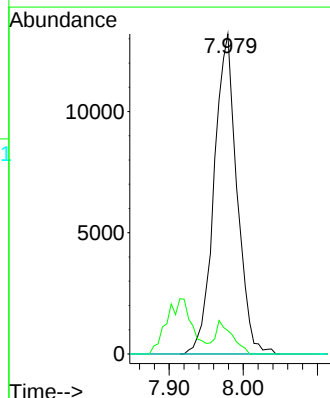
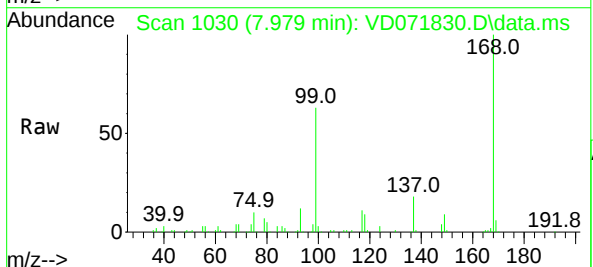
Tgt Ion: 75 Resp: 28310

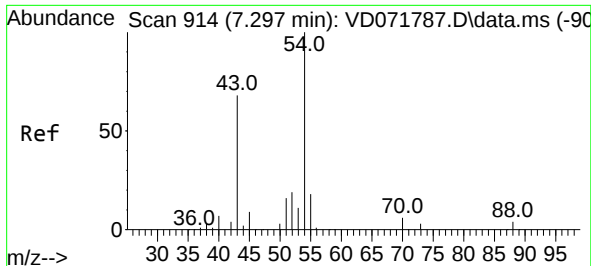
Ion Ratio Lower Upper

75 100

110 8.0 16.4 49.1#

77 0.0 24.2 36.2#

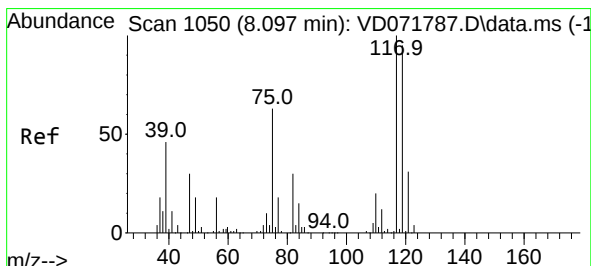
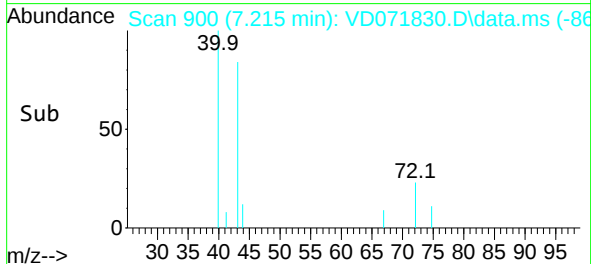
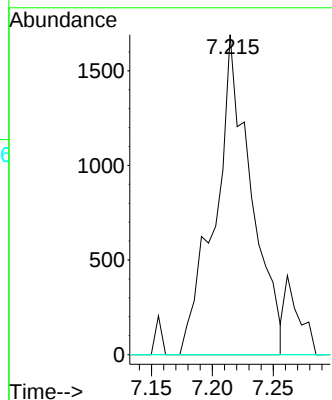
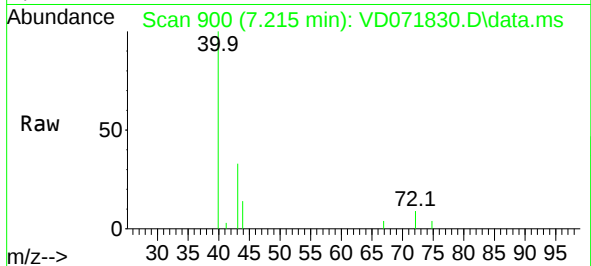




#37
Ethyl Acetate
Concen: 1.179 ug/l
RT: 7.215 min Scan# 90
Delta R.T. -0.082 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

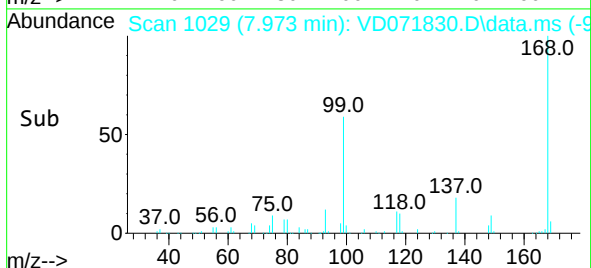
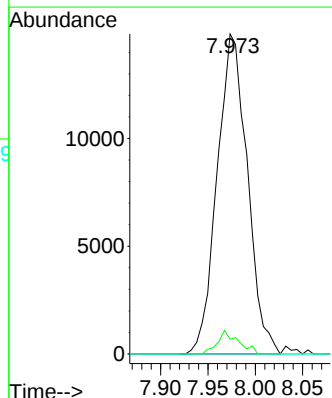
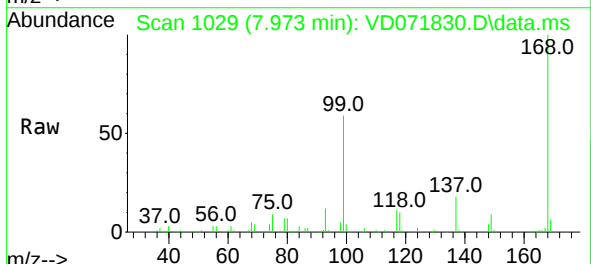
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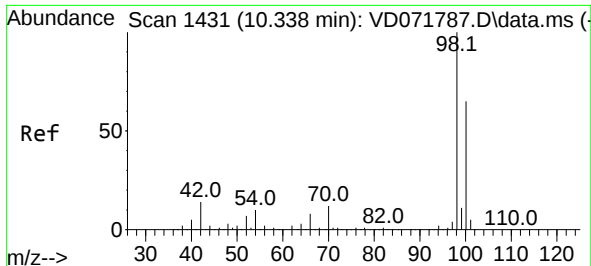
Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 117 Resp: 32985
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.5 36.7#

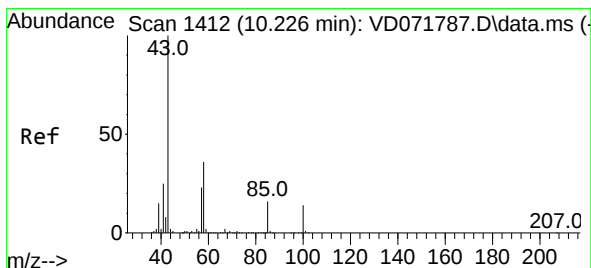
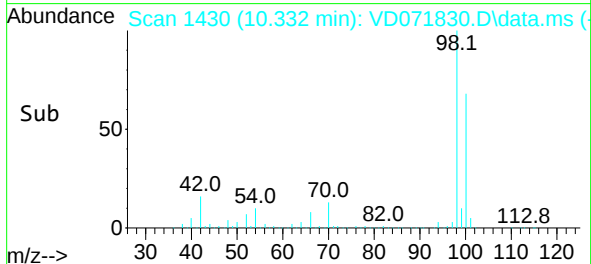
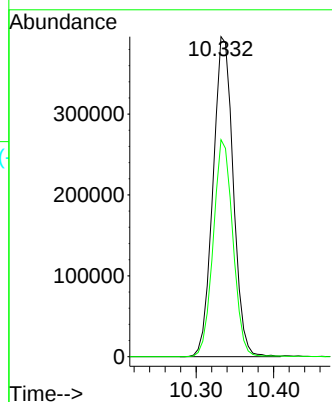
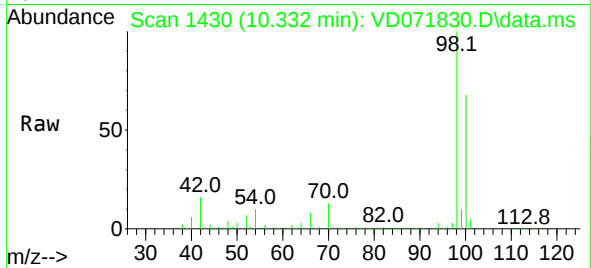




#50
Toluene-d8
Concen: 51.896 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

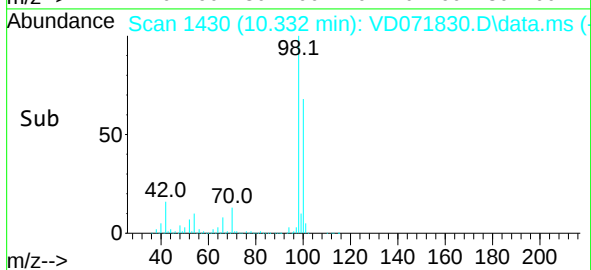
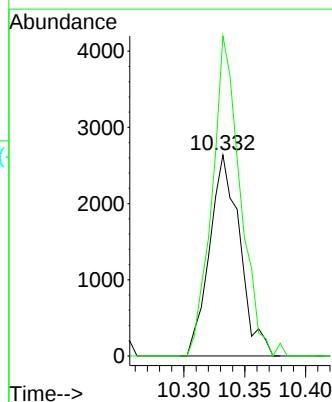
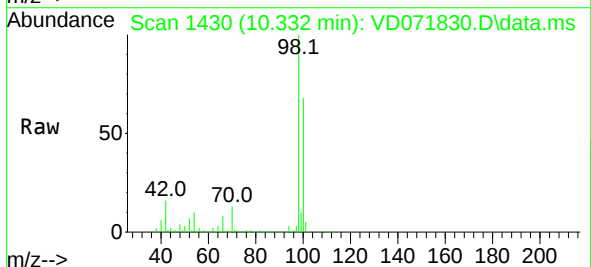
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

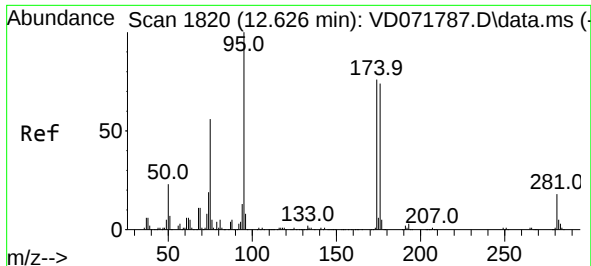
Tgt Ion: 98 Resp: 716810
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.639 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 43 Resp: 4549
Ion Ratio Lower Upper
43 100
58 149.6 28.6 43.0#

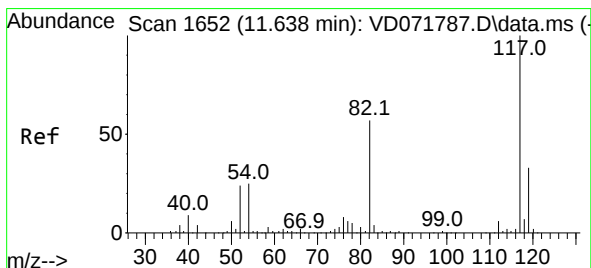
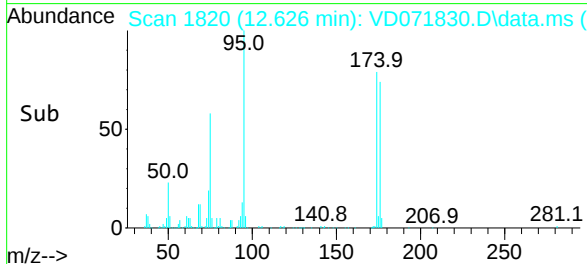
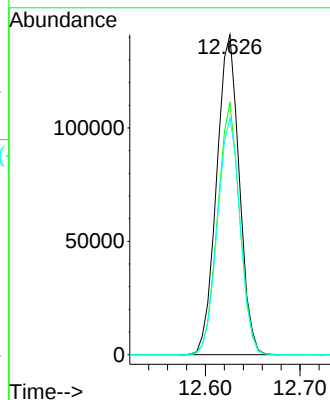
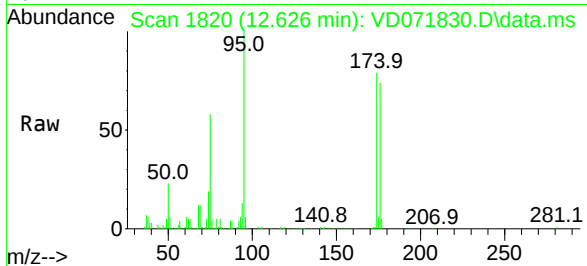




#62
4-Bromofluorobenzene
Concen: 48.695 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

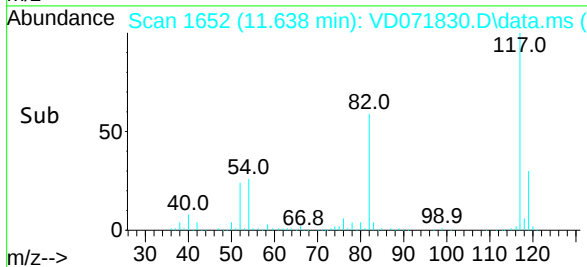
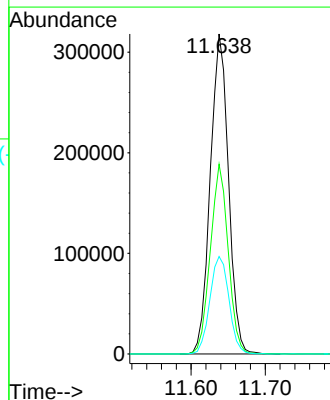
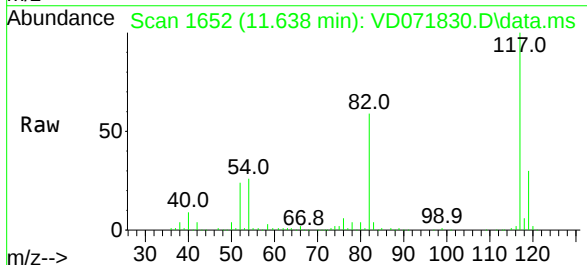
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

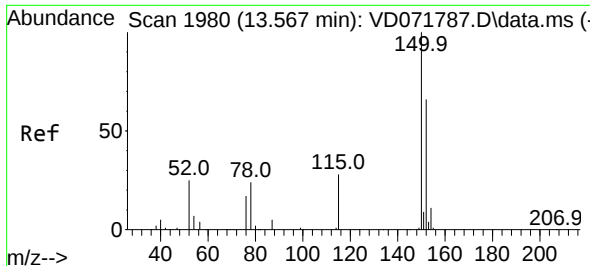
Tgt Ion: 95 Resp: 234878
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 117 Resp: 542824
Ion Ratio Lower Upper
117 100
82 59.3 45.3 67.9
119 30.5 26.6 40.0

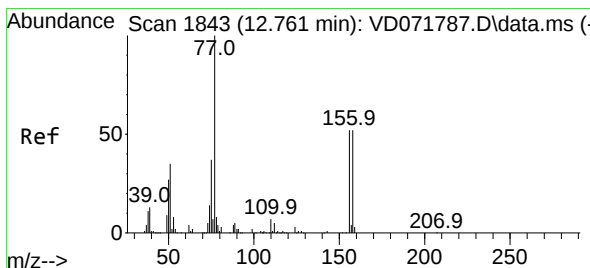
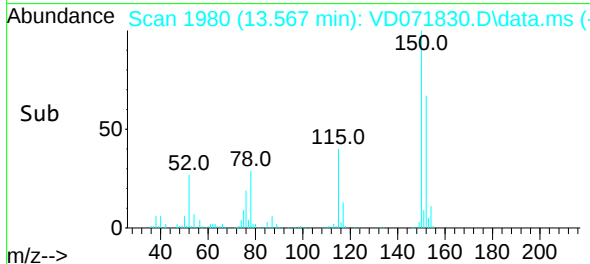
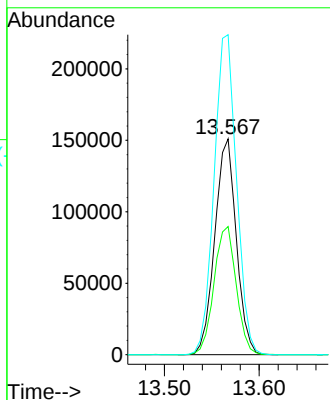
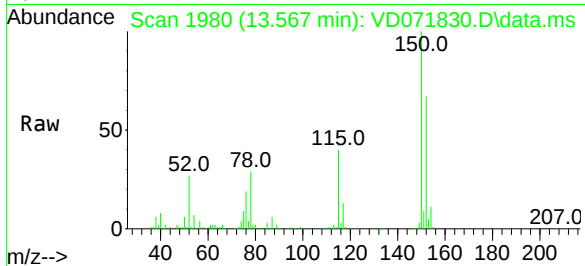




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071830.D
 Acq: 28 Jan 2022 18:08

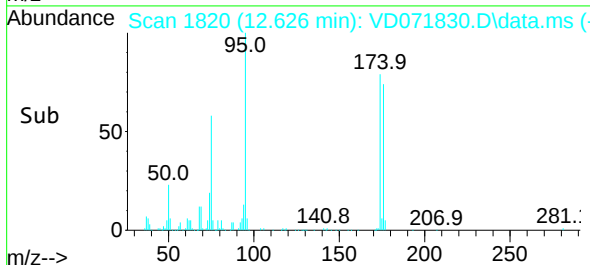
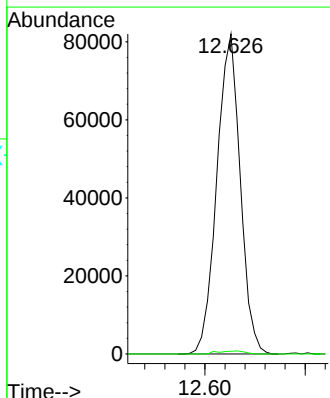
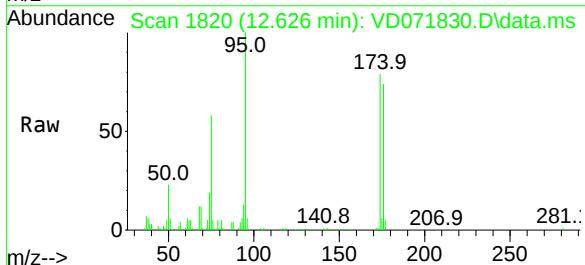
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-012722

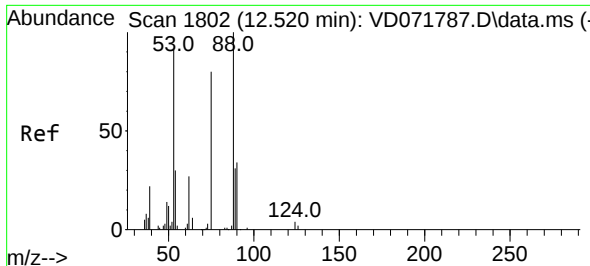
Tgt Ion:152 Resp: 238457
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.3 93.8
 150 154.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 52.737 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071830.D
 Acq: 28 Jan 2022 18:08

Tgt Ion: 75 Resp: 132529
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

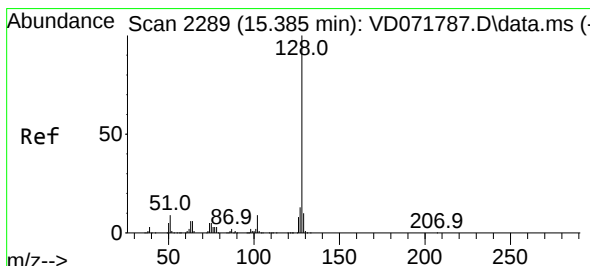
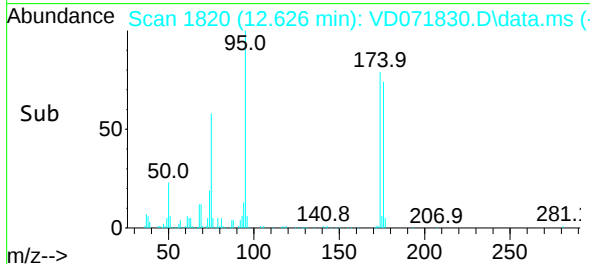
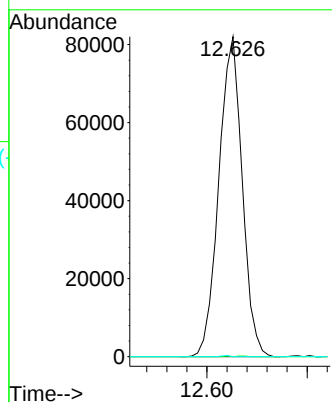
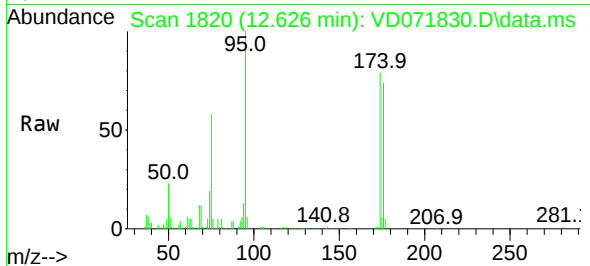




#81
trans-1,4-Dichloro-2-butene
Concen: 129.667 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

Tgt Ion: 75 Resp: 132529
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.313 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071830.D
Acq: 28 Jan 2022 18:08

Tgt Ion: 128 Resp: 15862
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.5 8.4 12.6

