

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071856.D
 Acq On : 31 Jan 2022 20:18
 Operator : VA/SY
 Sample : N1284-01
 Misc : 3.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Feb 01 04:06:08 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)

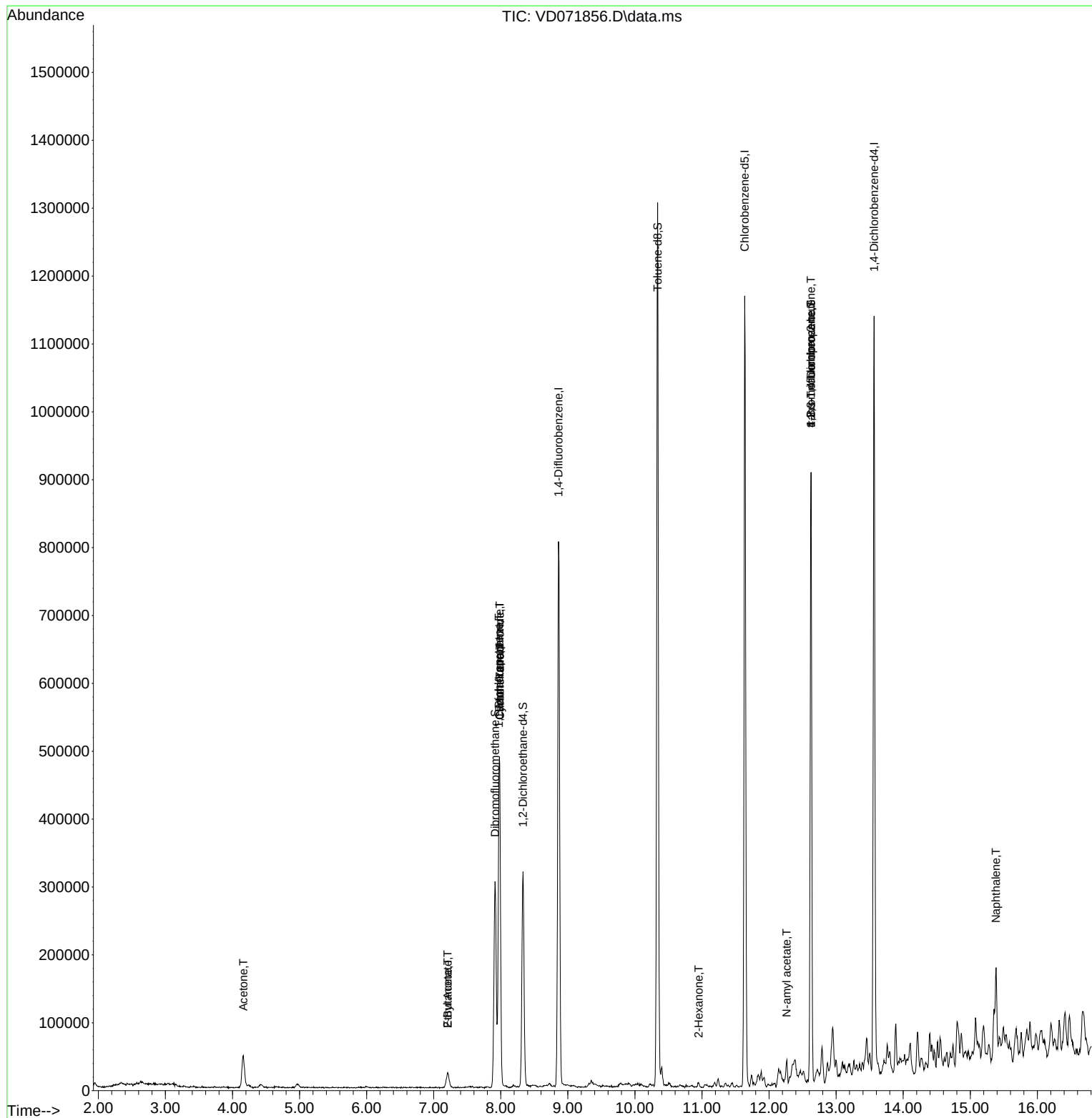
Internal Standards						
1) Pentafluorobenzene	7.979	168	344651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252132	57.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.760%			
35) Dibromofluoromethane	7.914	113	216977	50.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.980%			
50) Toluene-d8	10.338	98	830838	52.279	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.626	95	277648	50.029	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.208	59	125	Below Cal	#	74
16) Acetone	4.161	43	85990	72.111	ug/l	94
20) Methylene Chloride	4.967	84	3884	Below Cal	#	67
25) 2-Butanone	7.208	43	31566	22.707	ug/l	100
31) Cyclohexane	7.985	56	10443	1.256	ug/l	# 26
36) 1,1-Dichloropropene	7.973	75	31126	4.262	ug/l	# 51
37) Ethyl Acetate	7.208	43	31566	9.296	ug/l	# 73
38) Carbon Tetrachloride	7.985	117	37812	5.235	ug/l	# 16
59) 2-Hexanone	10.949	43	2856	1.232	ug/l	# 31
74) N-amyl acetate	12.261	43	7640	1.461	ug/l	# 69
76) 1,2,3-Trichloropropane	12.626	75	159861	55.241	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	159861	135.824	ug/l	# 7
95) Naphthalene	15.384	128	99707	11.603	ug/l	96

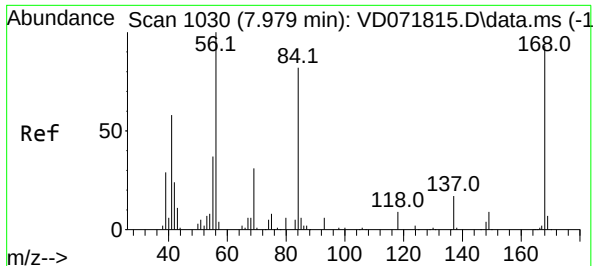
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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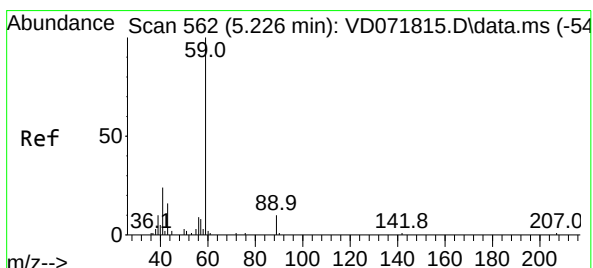
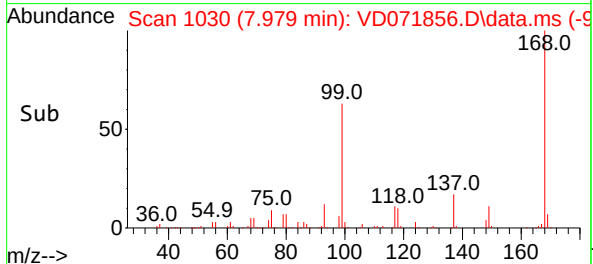
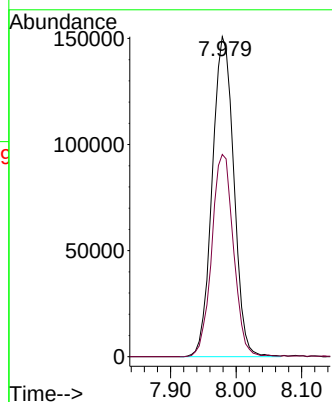
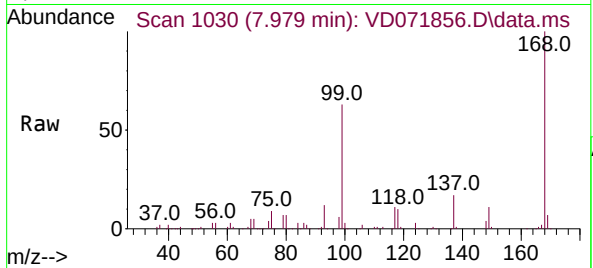




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

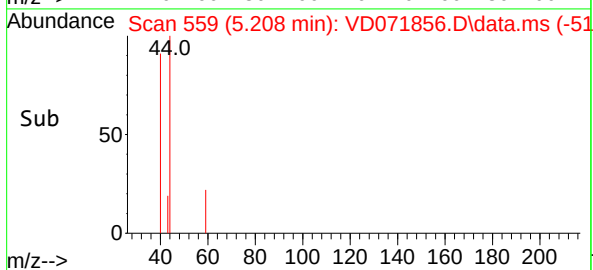
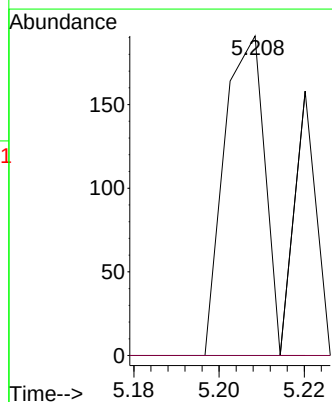
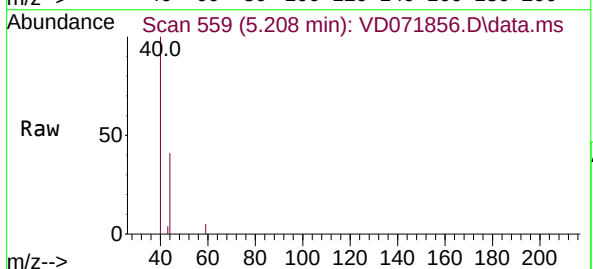
Instrument :
MSVOA_D
ClientSampleId :
S-1

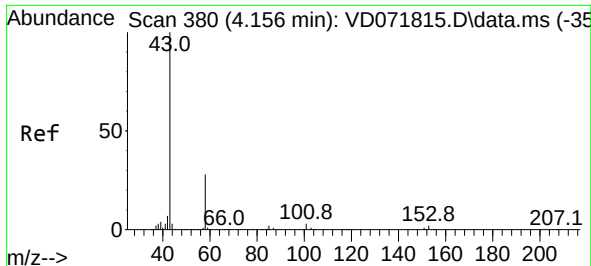
Tgt Ion:168 Resp: 344651
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

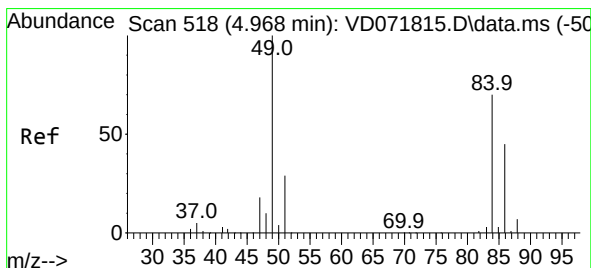
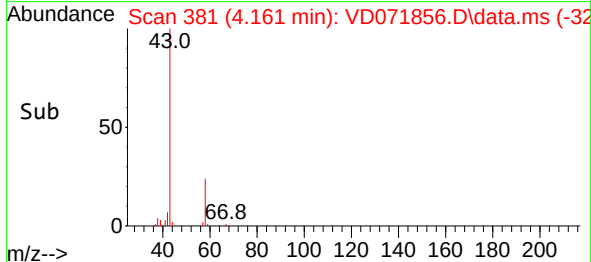
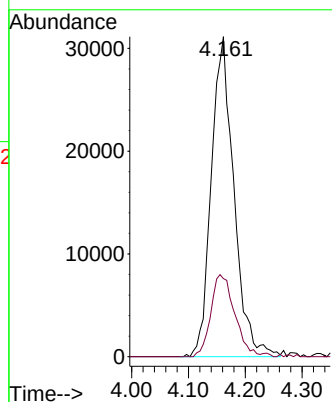
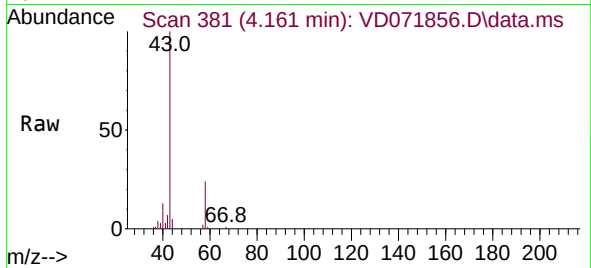




#16
Acetone
Concen: 72.111 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

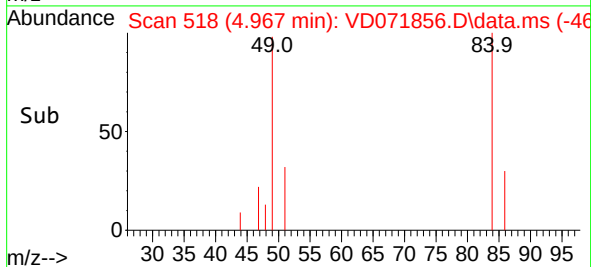
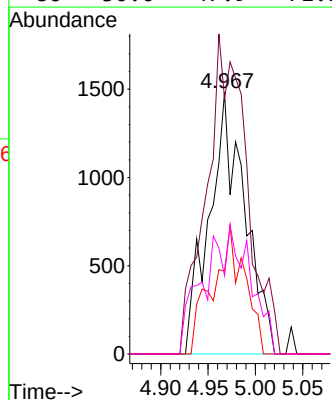
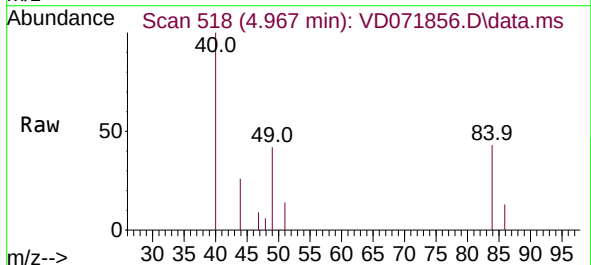
Instrument :
MSVOA_D
ClientSampleId :
S-1

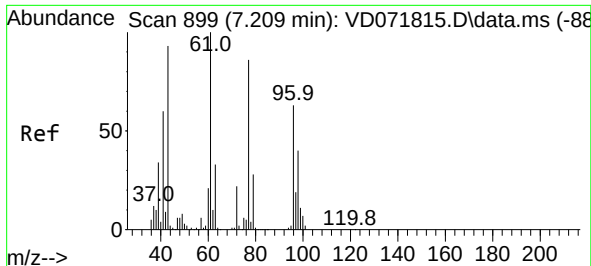
Tgt Ion: 43 Resp: 85990
Ion Ratio Lower Upper
43 100
58 24.4 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 84 Resp: 3884
Ion Ratio Lower Upper
84 100
49 97.6 112.8 169.2#
51 31.7 32.6 48.8#
86 30.0 47.9 71.9#

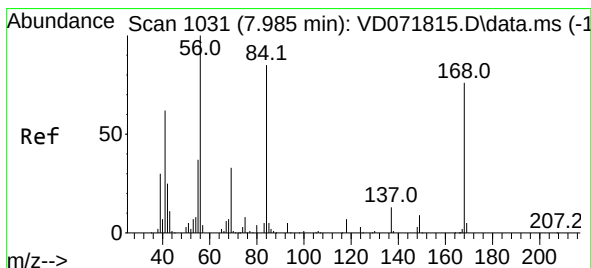
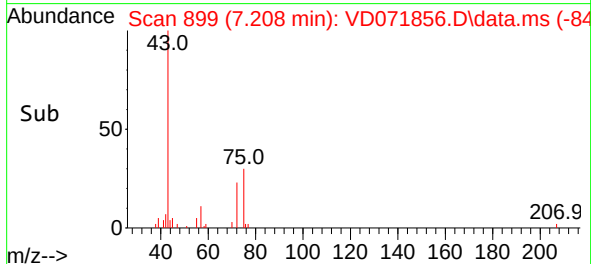
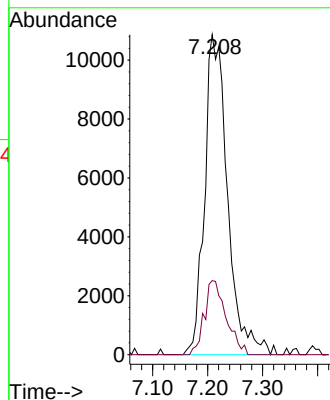
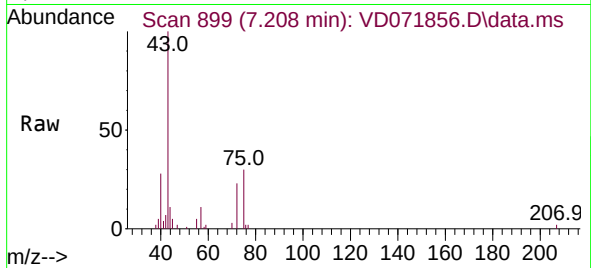




#25
2-Butanone
Concen: 22.707 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

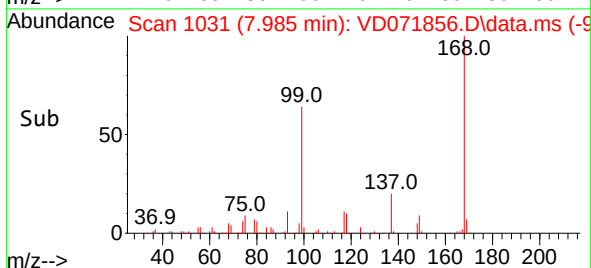
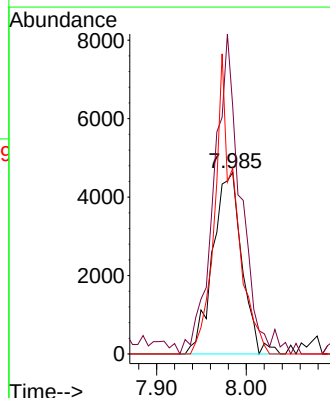
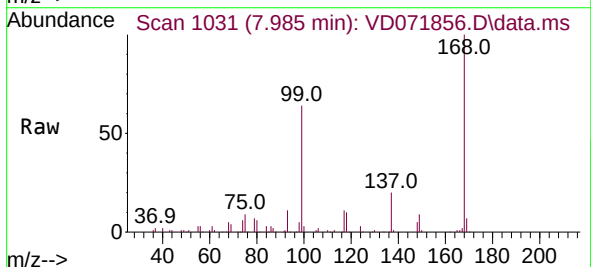
Instrument :
MSVOA_D
ClientSampleId :
S-1

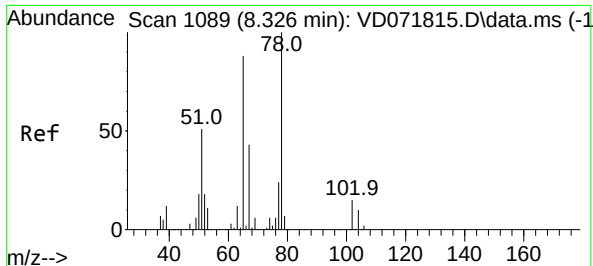
Tgt Ion: 43 Resp: 31566
Ion Ratio Lower Upper
43 100
72 23.2 18.6 27.8



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 56 Resp: 10443
Ion Ratio Lower Upper
56 100
69 136.8 25.4 38.2#
84 102.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 57.879 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

Instrument :

MSVOA_D

ClientSampleId :

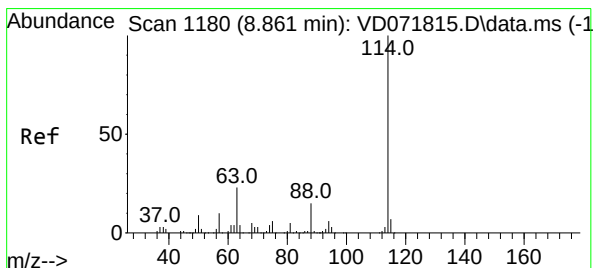
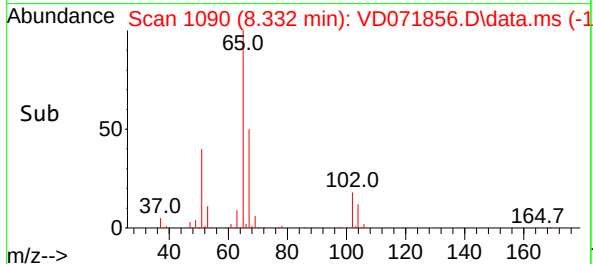
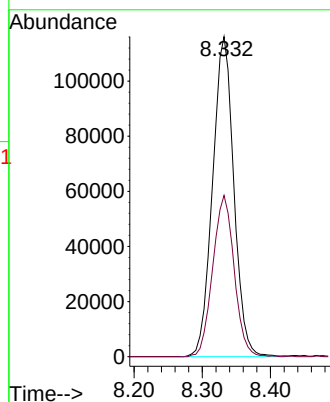
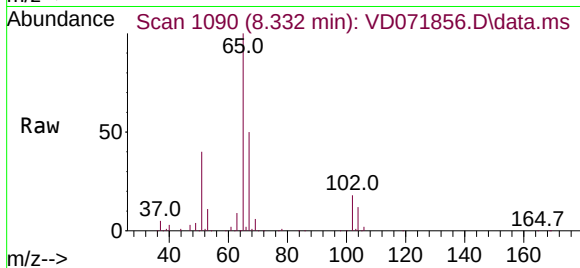
S-1

Tgt Ion: 65 Resp: 252132

Ion Ratio Lower Upper

65 100

67 50.7 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: VD071856.D

Acq: 31 Jan 2022 20:18

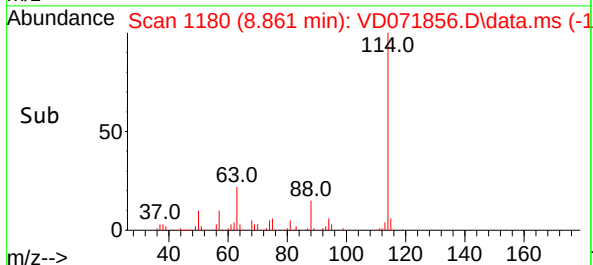
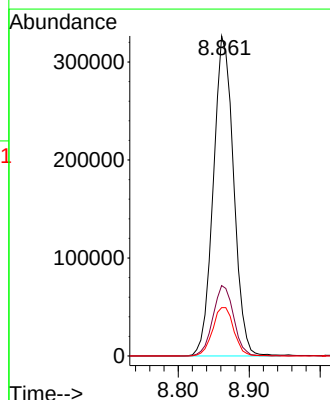
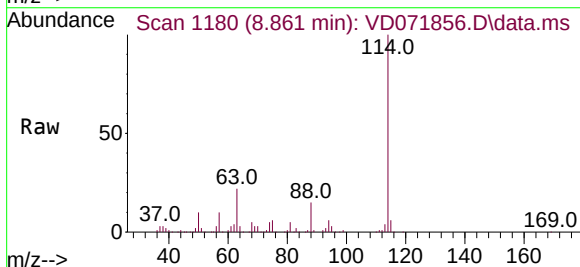
Tgt Ion: 114 Resp: 647367

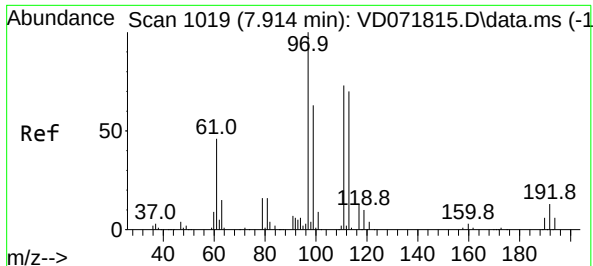
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.989 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

Instrument :

MSVOA_D

ClientSampleId :

S-1

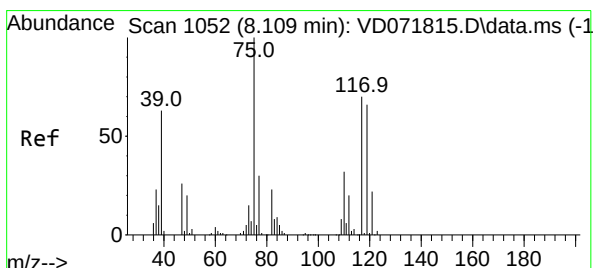
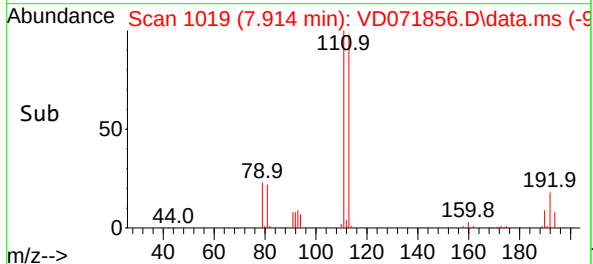
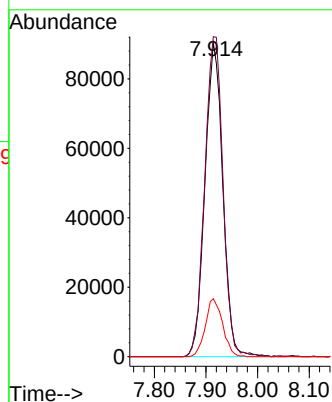
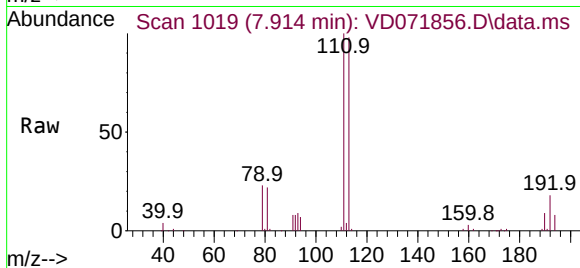
Tgt Ion:113 Resp: 216977

Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.262 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

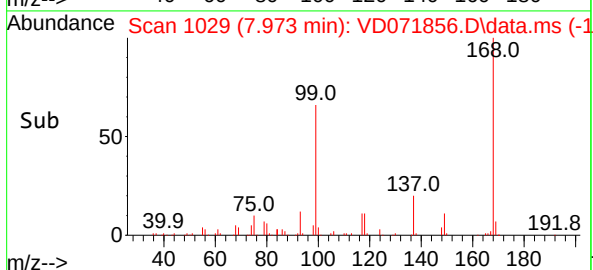
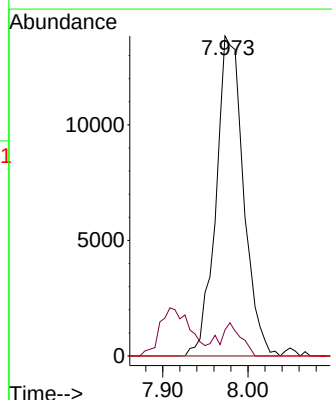
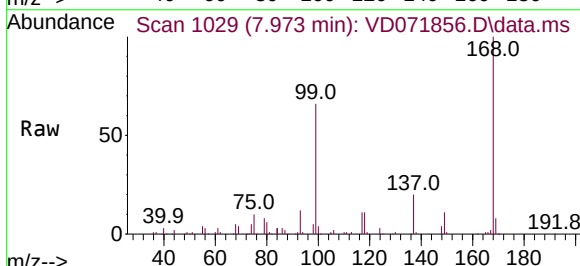
Tgt Ion: 75 Resp: 31126

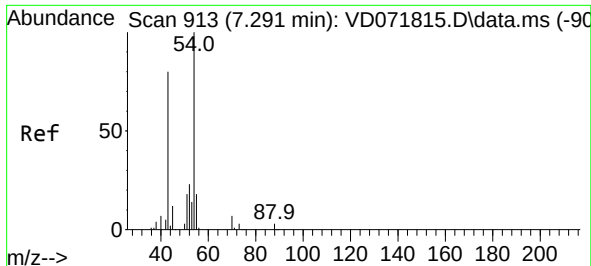
Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

77 0.0 24.2 36.2#

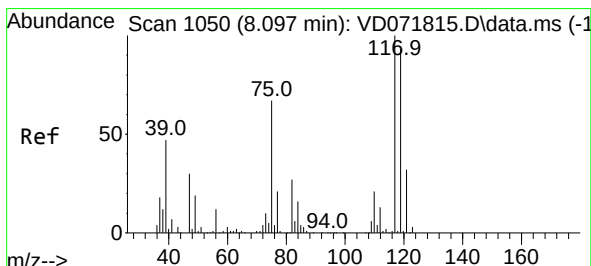
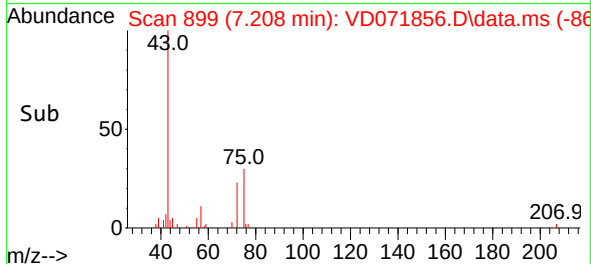
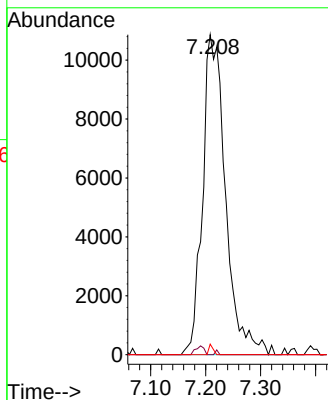
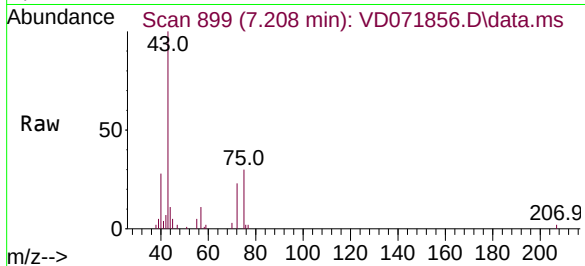




#37
Ethyl Acetate
Concen: 9.296 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.088 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

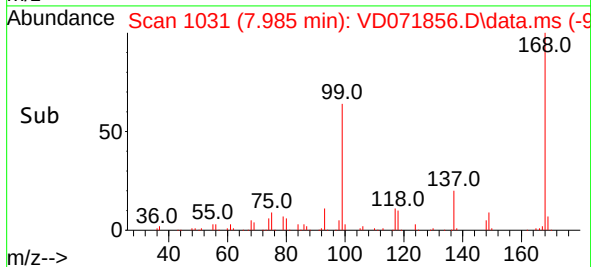
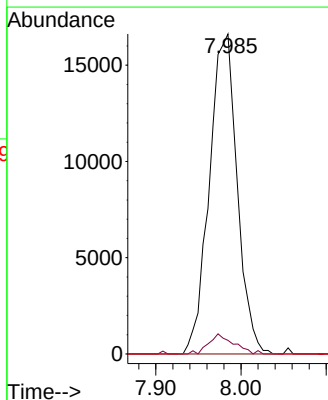
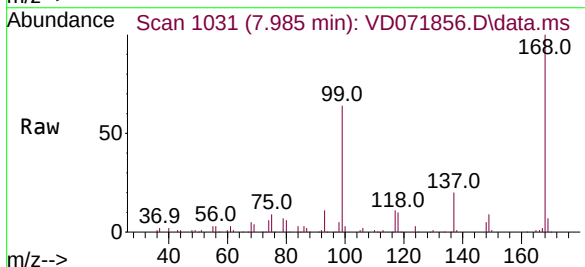
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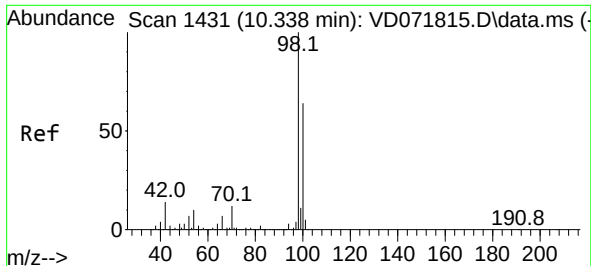
Tgt Ion: 43 Resp: 31566
Ion Ratio Lower Upper
43 100
61 0.2 9.8 14.8#
70 0.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 117 Resp: 37812
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#

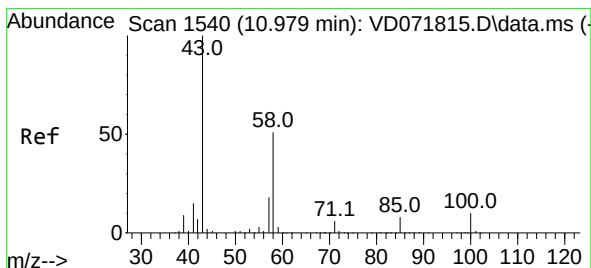
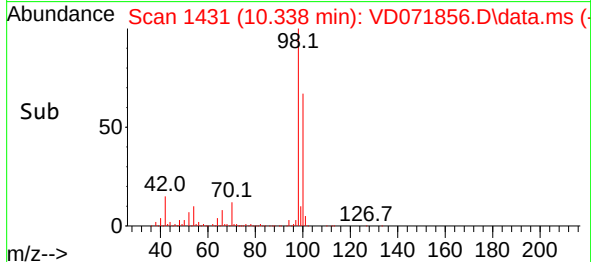
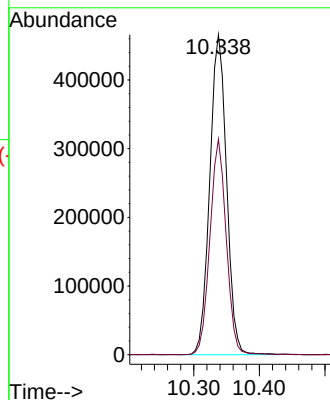
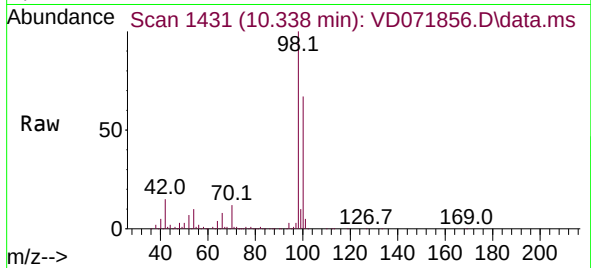




#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

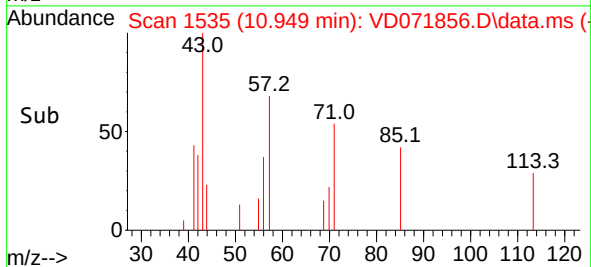
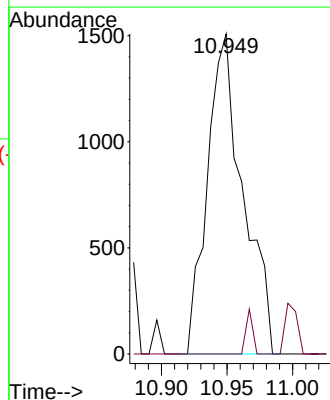
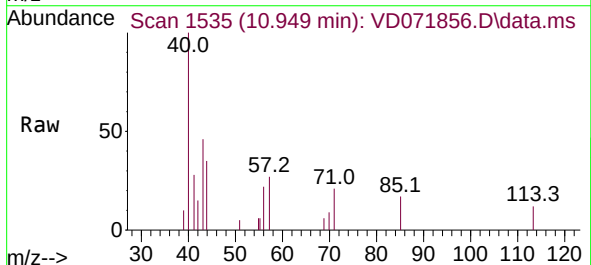
Instrument :
MSVOA_D
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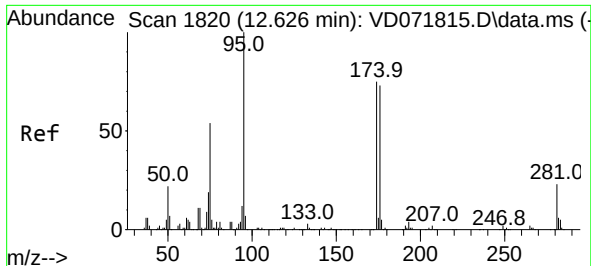
Tgt Ion: 98 Resp: 830838
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#59
2-Hexanone
Concen: 1.232 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
58 2.6 25.3 75.9#

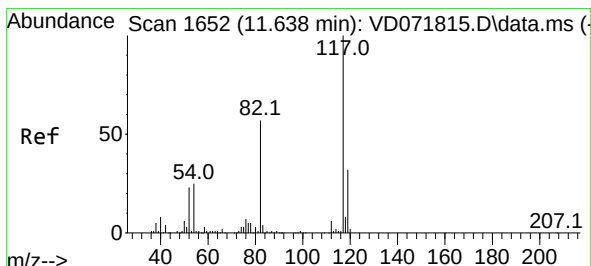
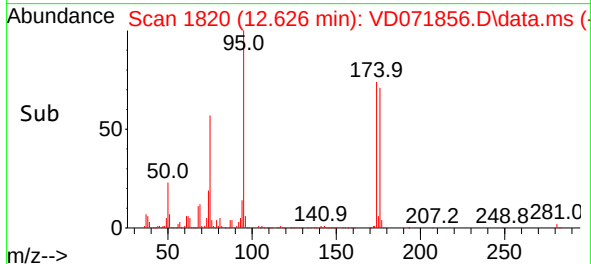
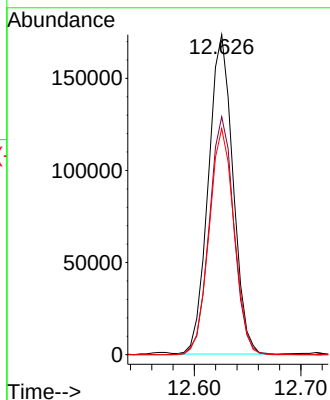
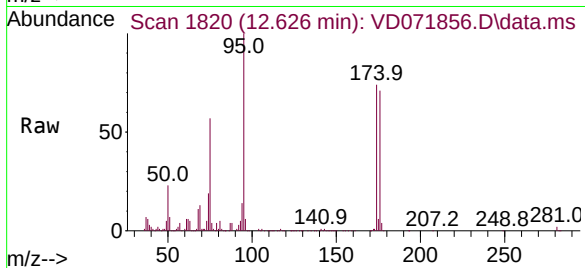




#62
4-Bromofluorobenzene
Concen: 50.029 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

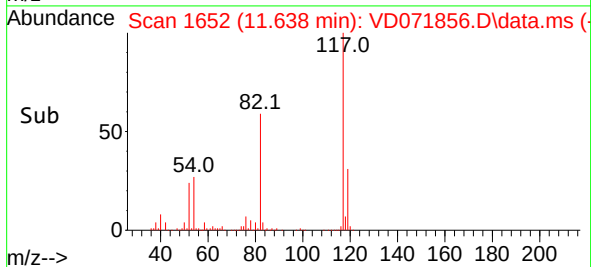
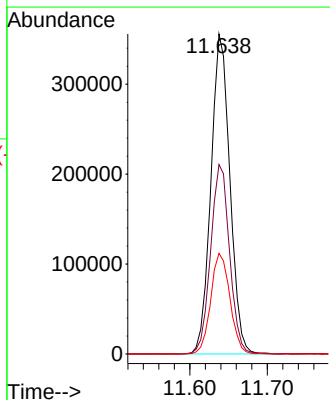
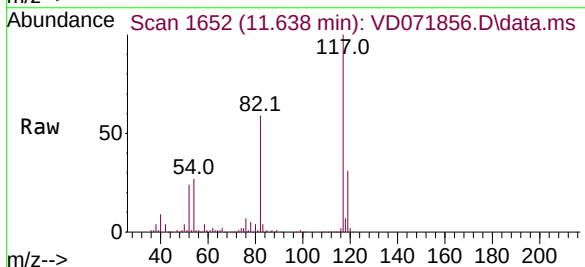
Instrument :
MSVOA_D
ClientSampleId :
S-1

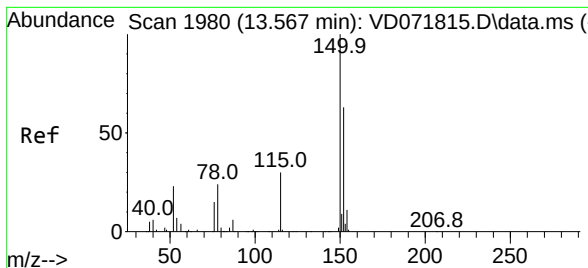
Tgt Ion: 95 Resp: 277648
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 117 Resp: 605029
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 31.4 26.6 40.0

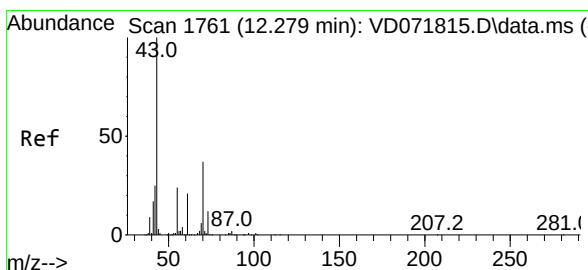
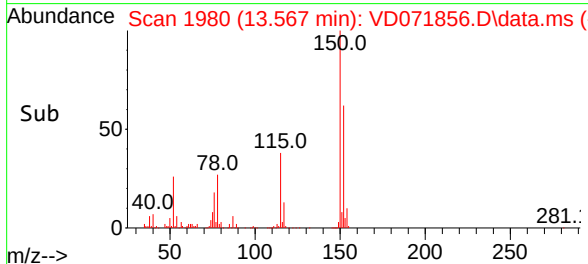
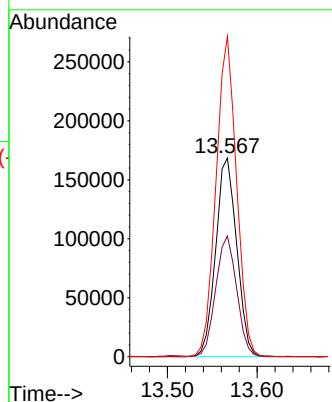
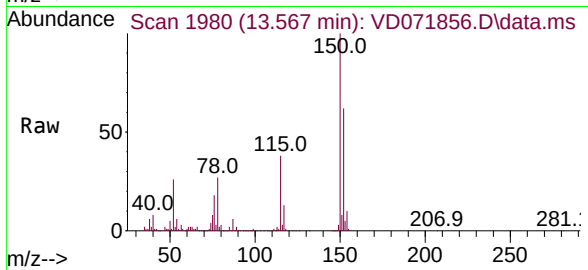




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

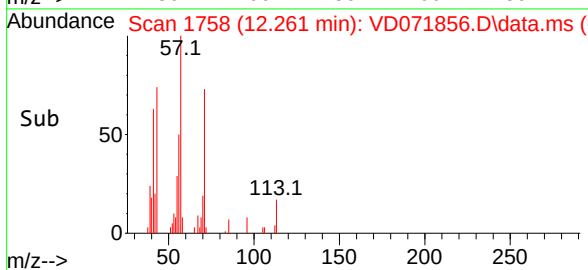
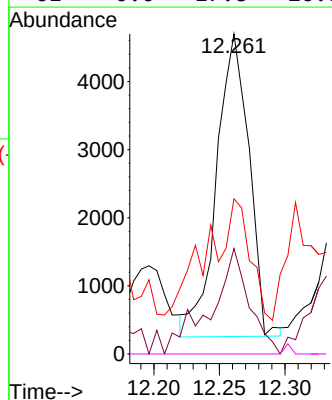
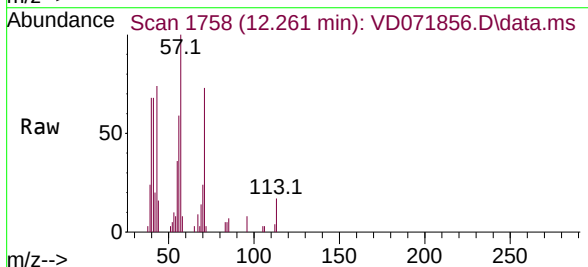
Instrument :
MSVOA_D
ClientSampleId :
S-1

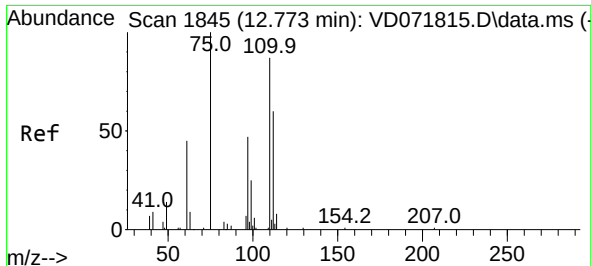
Tgt Ion:152 Resp: 274596
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.2 0.0 348.6



#74
N-ethyl acetate
Concen: 1.461 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 43 Resp: 7640
Ion Ratio Lower Upper
43 100
70 41.3 31.3 46.9
55 54.5 20.0 30.0#
61 0.0 17.8 26.8#

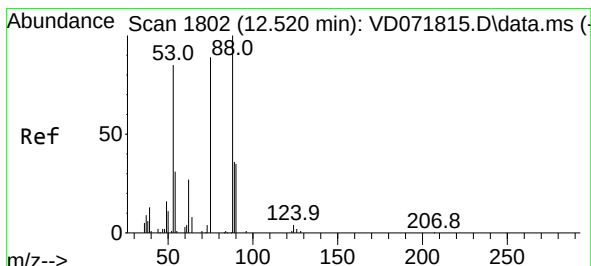
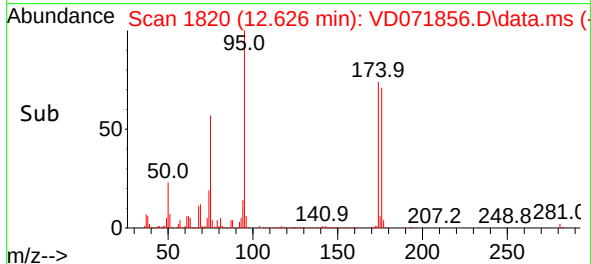
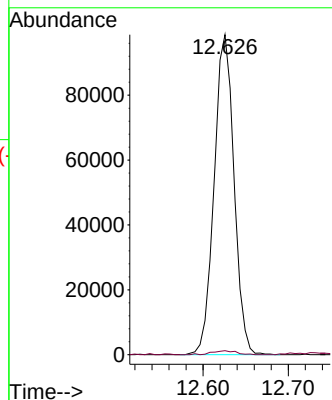
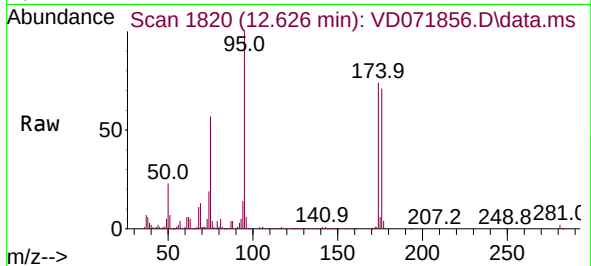




#76
1,2,3-Trichloropropane
Concen: 55.241 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

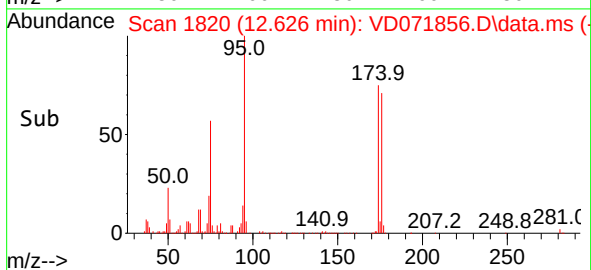
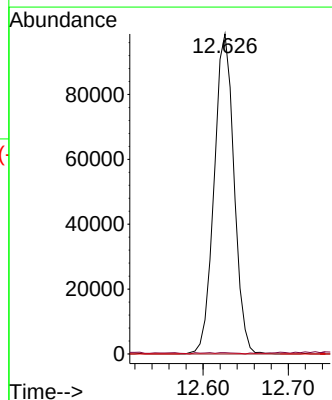
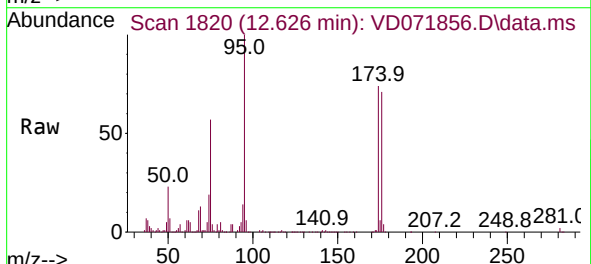
Instrument :
MSVOA_D
ClientSampleId :
S-1

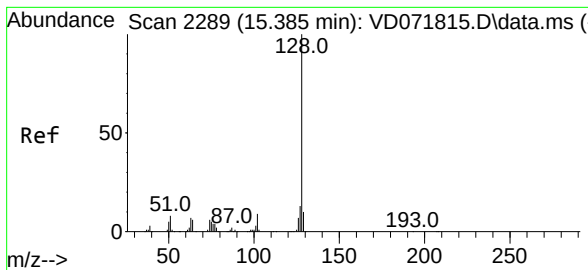
Tgt Ion: 75 Resp: 159861
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.824 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 75 Resp: 159861
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 11.603 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	128	Resp:	99707
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	11.6	8.4	12.6

