

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071862.D
 Acq On : 01 Feb 2022 10:33
 Operator : VA/SY
 Sample : VD0201SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

Quant Time: Feb 02 07:04:45 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)

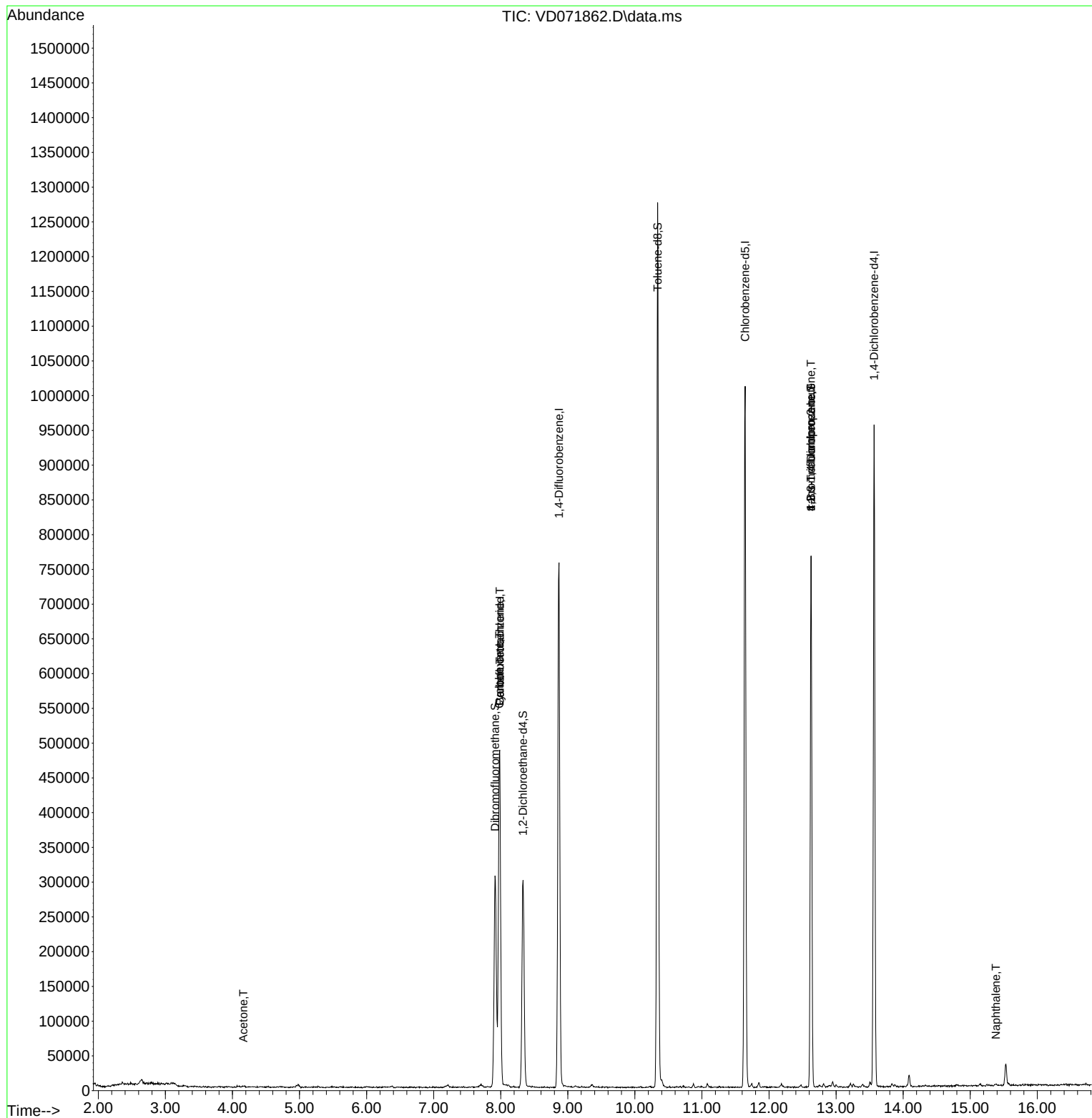
Internal Standards						
1) Pentafluorobenzene	7.985	168	341629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	605421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	547041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	246015	56.974	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.940%			
35) Dibromofluoromethane	7.914	113	213034	53.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.060%			
50) Toluene-d8	10.338	98	793356	53.380	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.760%			
62) 4-Bromofluorobenzene	12.626	95	241617	46.553	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.100%			
Target Compounds						
11) Tert butyl alcohol	5.215	59	500	Below Cal	#	81
16) Acetone	4.162	43	3301	2.793	ug/l	93
20) Methylene Chloride	4.962	84	2044	Below Cal	#	70
31) Cyclohexane	7.979	56	10616	1.288	ug/l #	35
38) Carbon Tetrachloride	7.985	117	36134	5.349	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	135559	56.819	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	135559	139.705	ug/l #	7
95) Naphthalene	15.385	128	2006	1.702	ug/l #	88

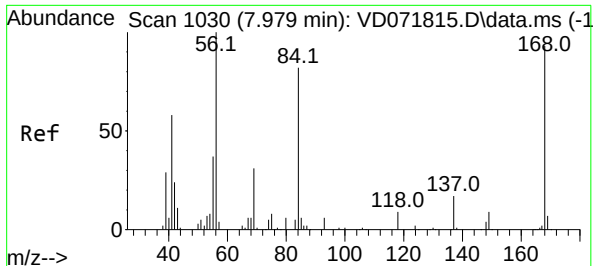
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071862.D
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Quant Title : SW846 8260
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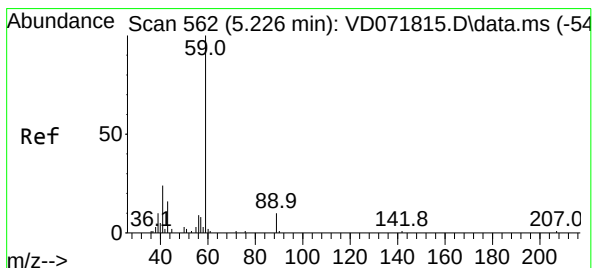
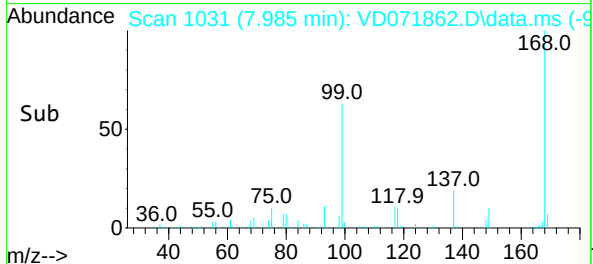
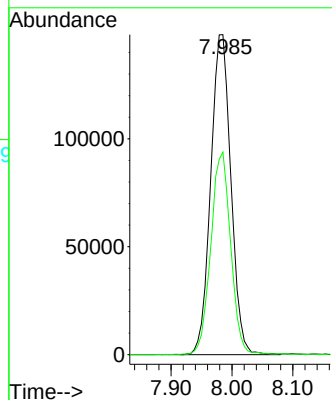
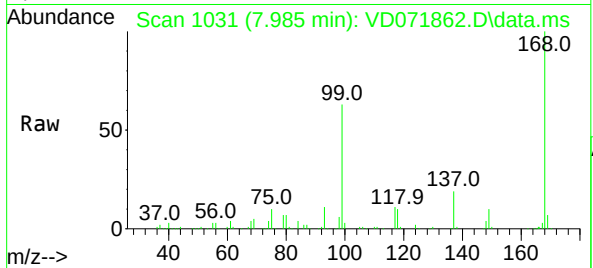




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

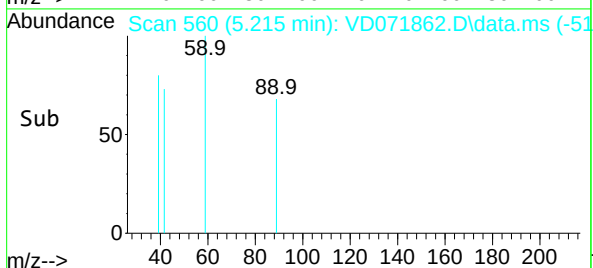
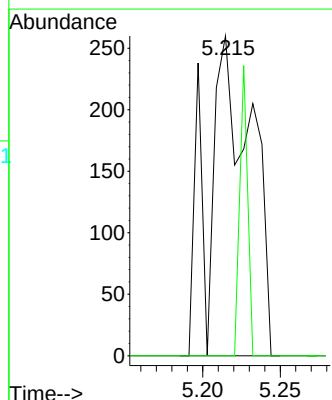
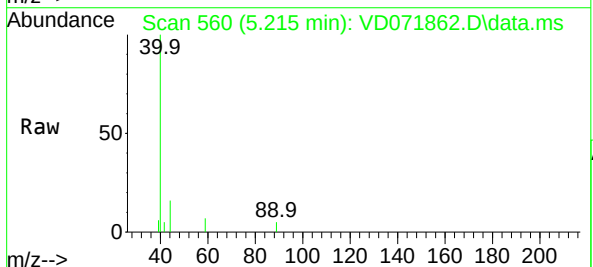
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

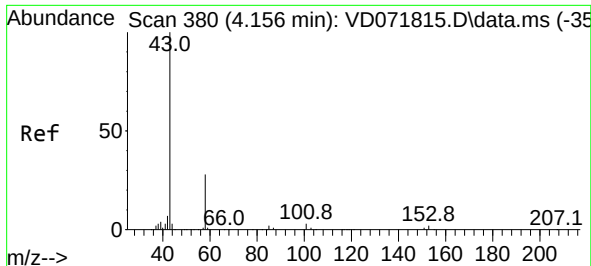
Tgt Ion:168 Resp: 341629
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 16.6 7.8 11.6#

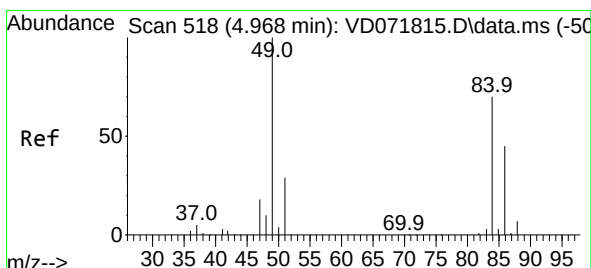
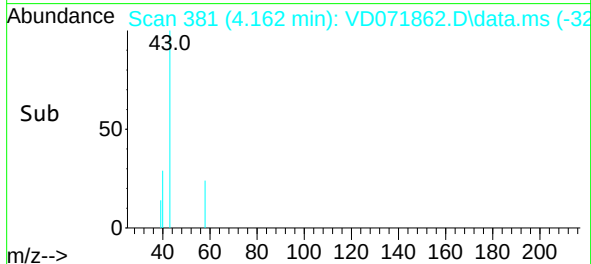
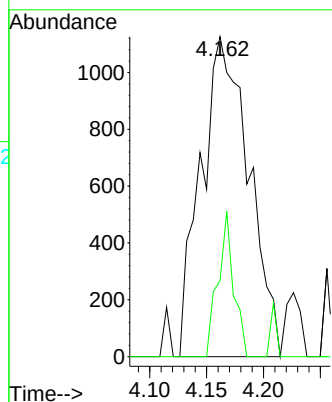
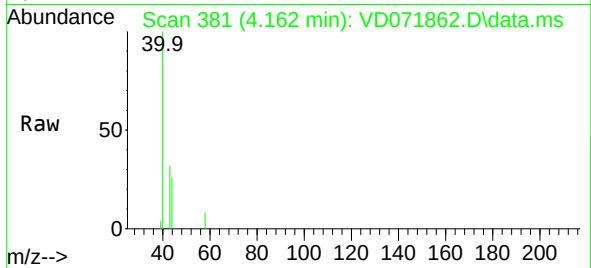




#16
Acetone
Concen: 2.793 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

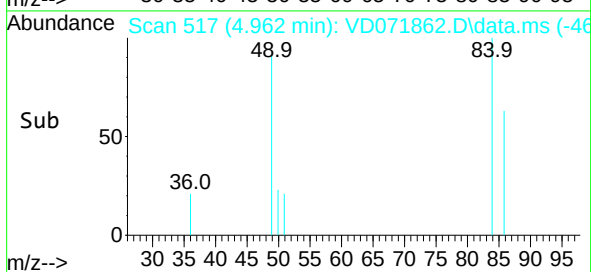
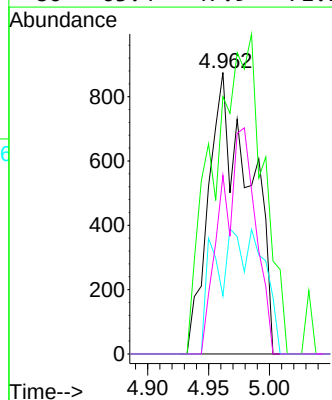
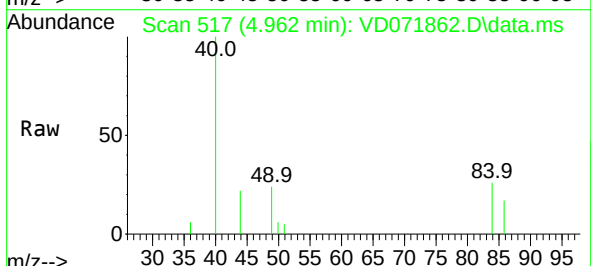
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

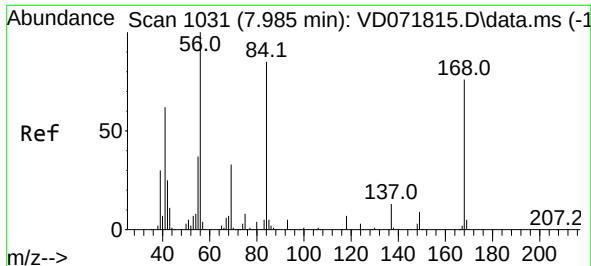
Tgt Ion: 43 Resp: 3301
Ion Ratio Lower Upper
43 100
58 23.7 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

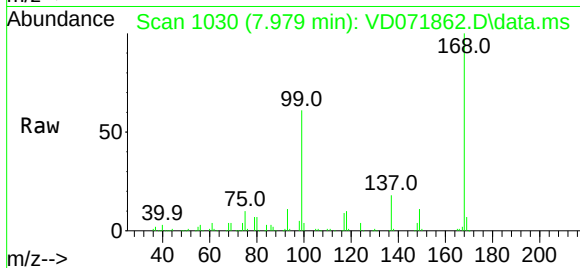
Tgt Ion: 84 Resp: 2044
Ion Ratio Lower Upper
84 100
49 91.4 112.8 169.2#
51 20.6 32.6 48.8#
86 63.4 47.9 71.9



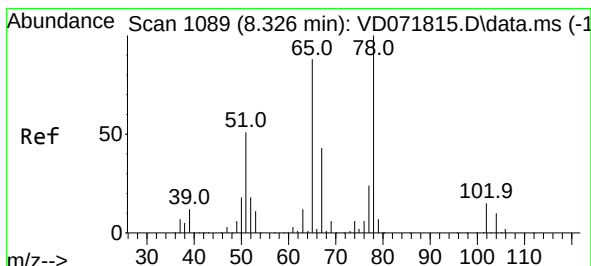
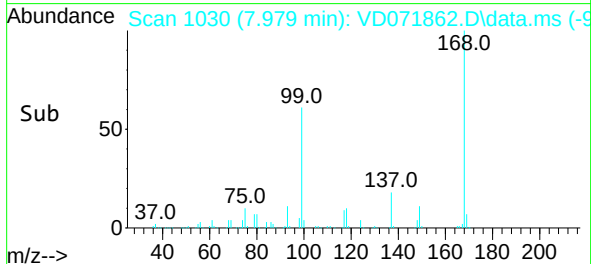
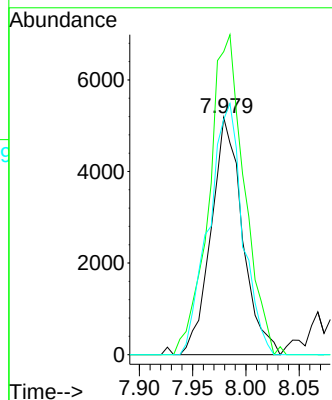


#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

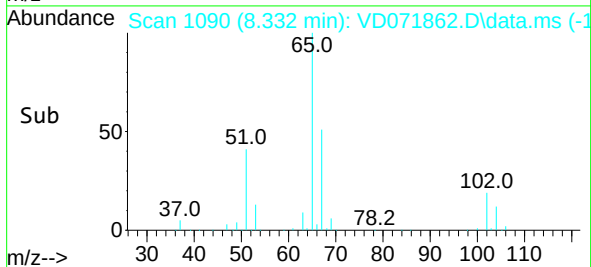
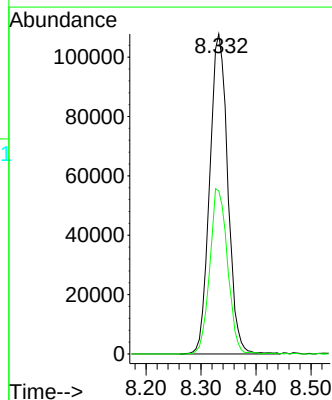
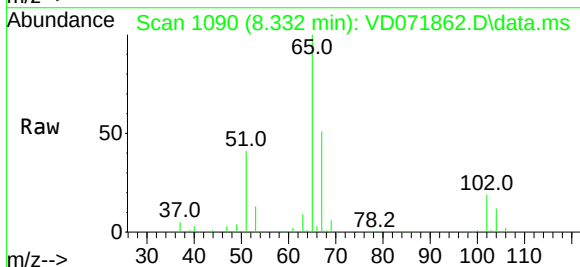


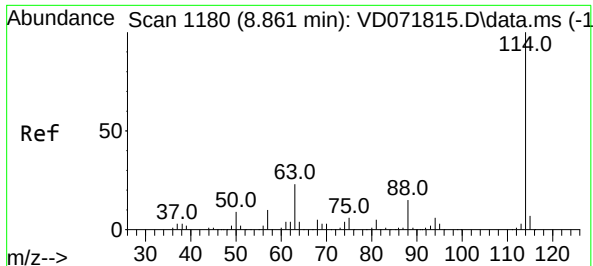
Tgt Ion: 56 Resp: 10616
Ion Ratio Lower Upper
56 100
69 124.4 25.4 38.2#
84 99.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 56.974 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 65 Resp: 246015
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071862.D

Acq: 01 Feb 2022 10:33

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBL01

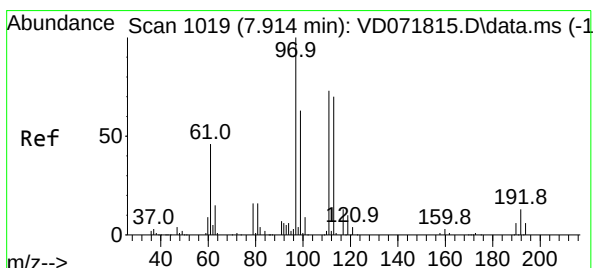
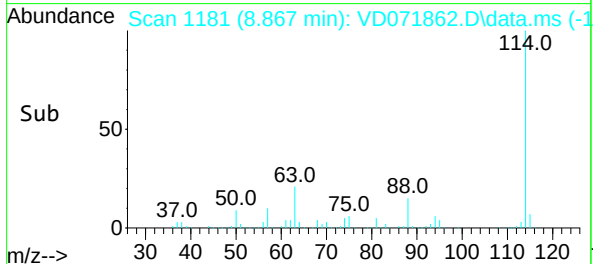
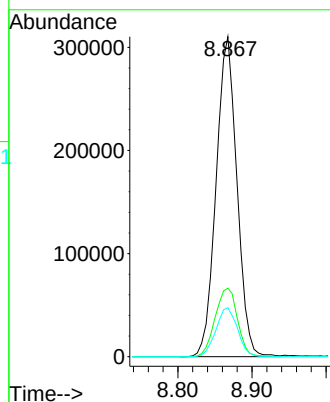
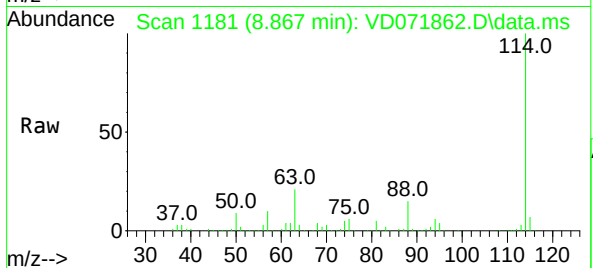
Tgt Ion:114 Resp: 605421

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.531 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071862.D

Acq: 01 Feb 2022 10:33

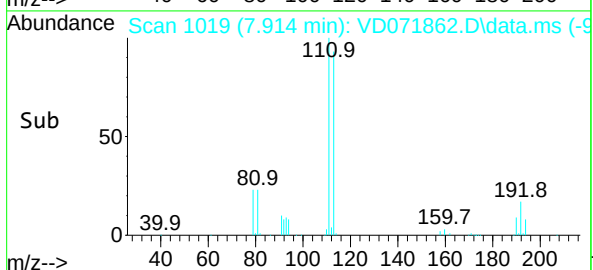
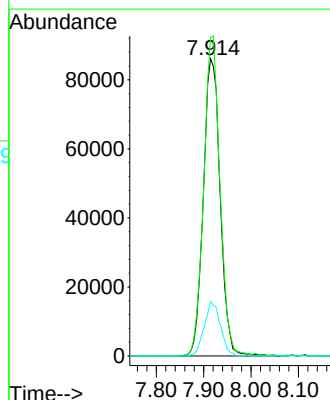
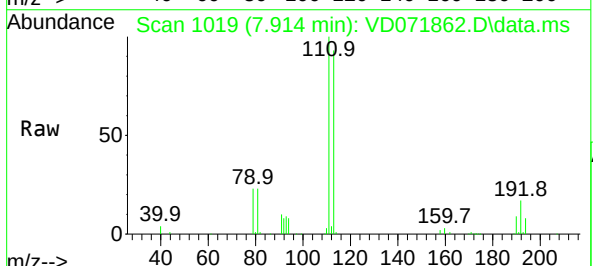
Tgt Ion:113 Resp: 213034

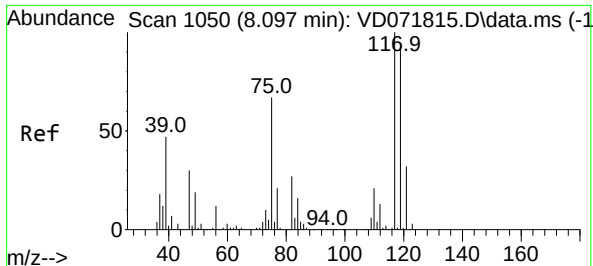
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.5 14.6 21.8

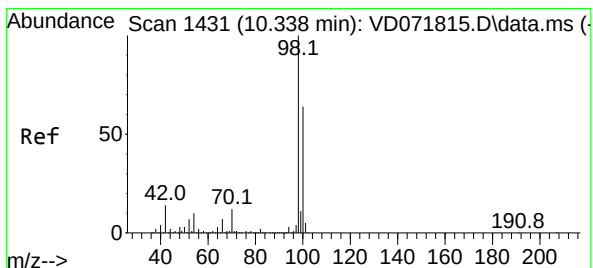
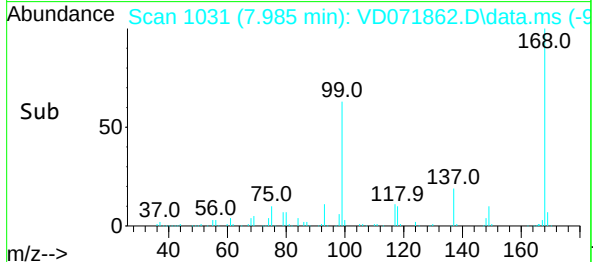
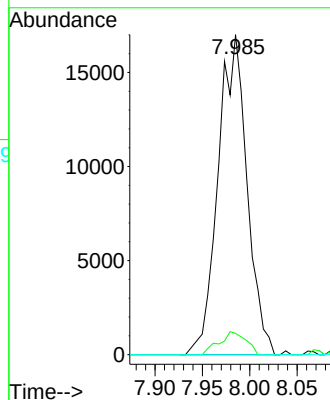
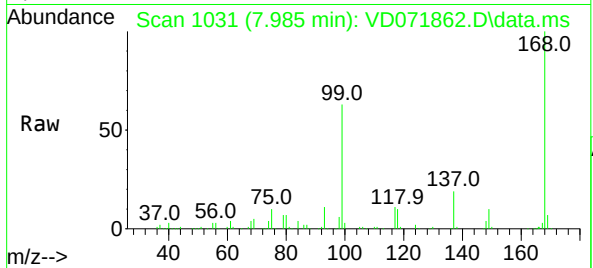




#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.112 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

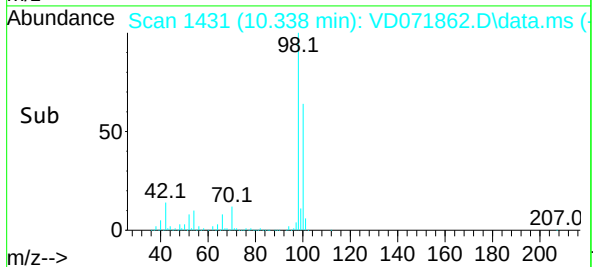
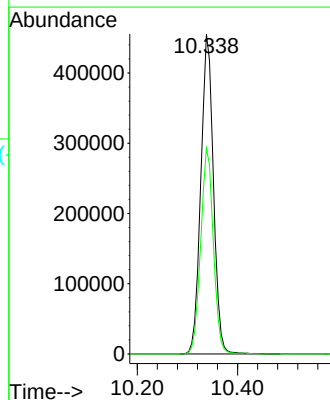
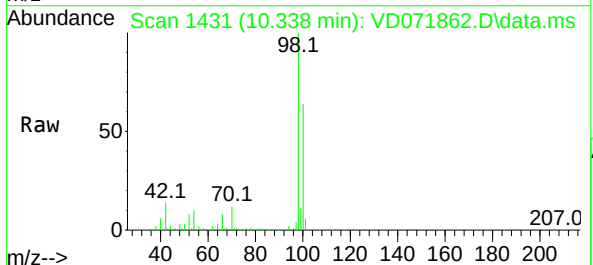
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

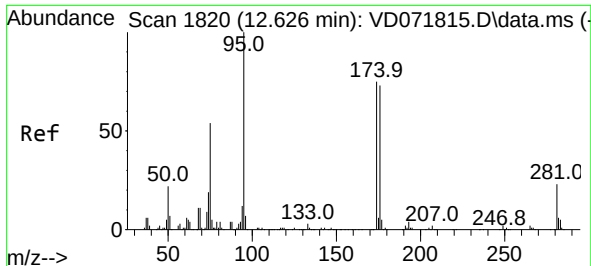
Tgt Ion:117 Resp: 36134
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 98 Resp: 793356
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

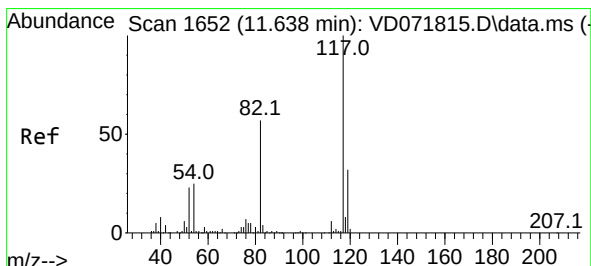
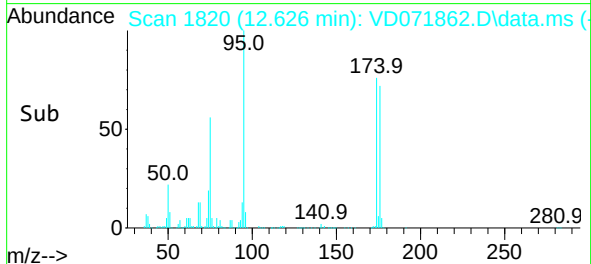
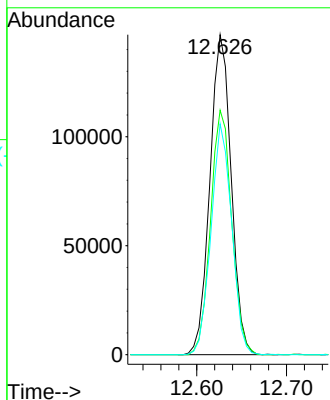
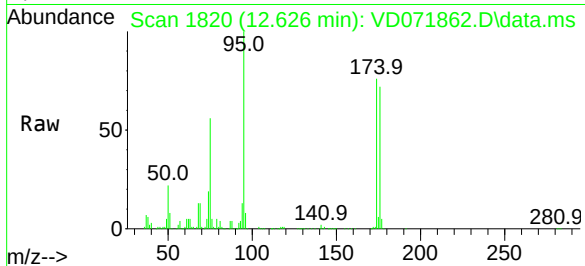




#62
4-Bromofluorobenzene
Concen: 46.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

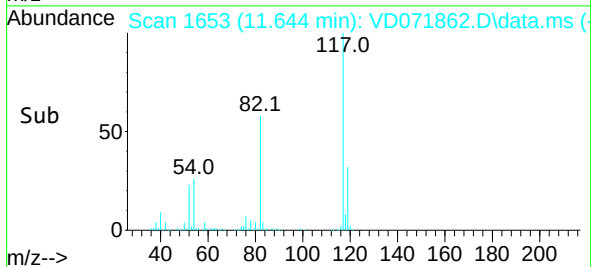
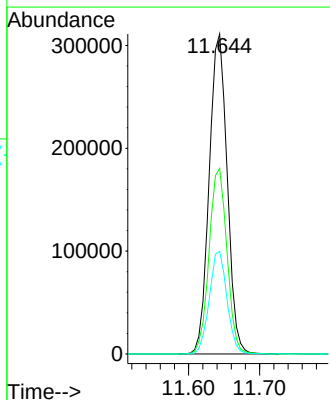
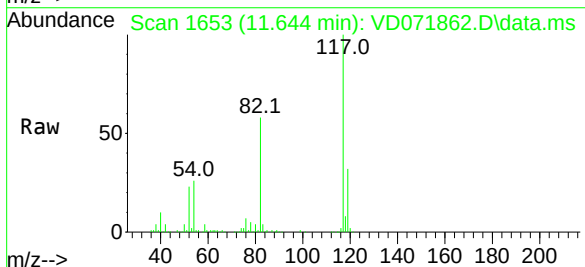
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MSVOA_D
ClientSampleId :
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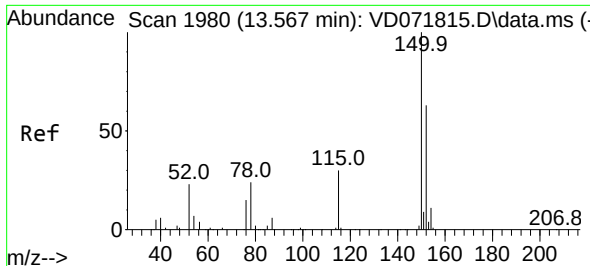
Tgt Ion: 95 Resp: 241617
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 70.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 117 Resp: 547041
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.1 26.6 40.0

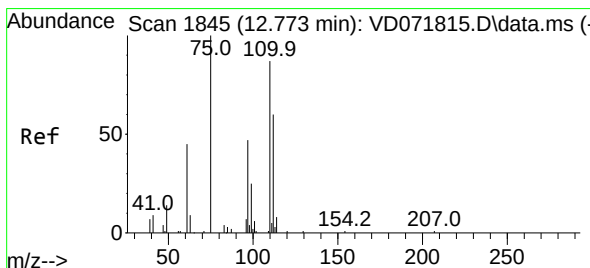
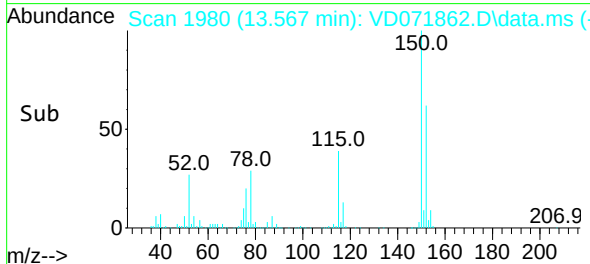
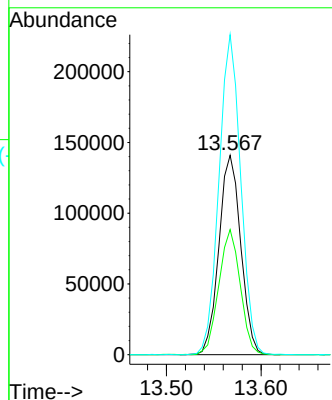
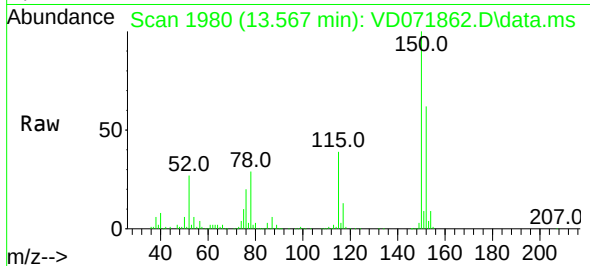




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071862.D
 Acq: 01 Feb 2022 10:33

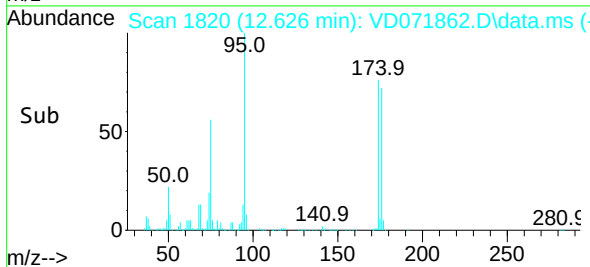
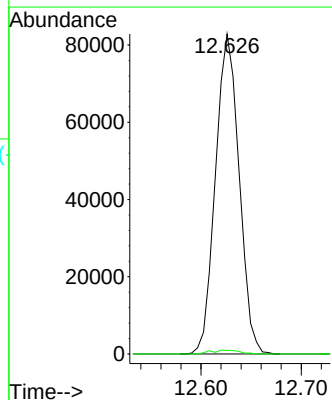
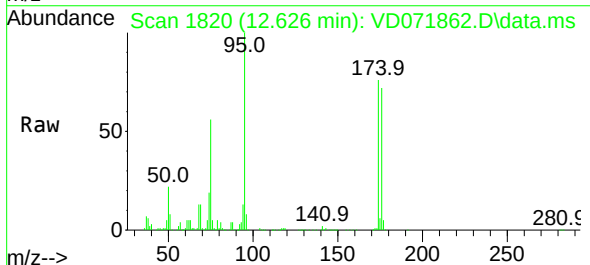
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

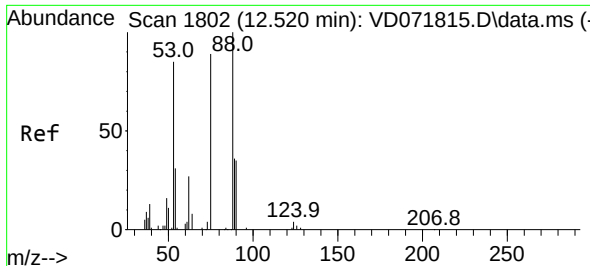
Tgt Ion:152 Resp: 226383
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.3 93.8
 150 159.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 56.819 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071862.D
 Acq: 01 Feb 2022 10:33

Tgt Ion: 75 Resp: 135559
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

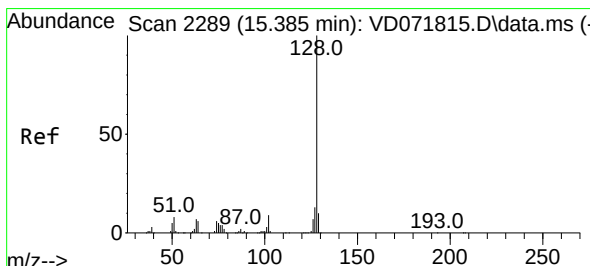
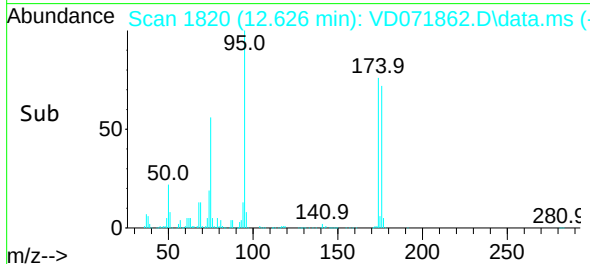
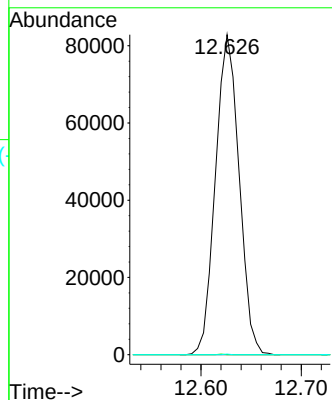
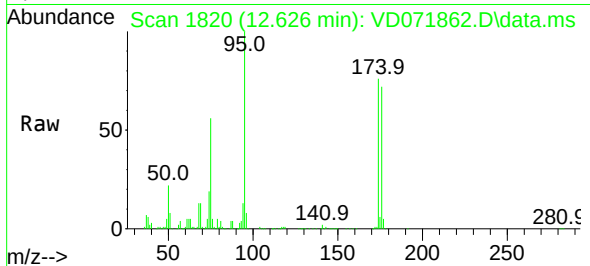




#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.705 ug/l
 RT: 12.626 min Scan# 1802
 Delta R.T. 0.106 min
 Lab File: VD071862.D
 Acq: 01 Feb 2022 10:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

Tgt Ion: 75 Resp: 135559
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 1.702 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: VD071862.D
 Acq: 01 Feb 2022 10:33

Tgt Ion:128 Resp: 2006
 Ion Ratio Lower Upper
 128 100
 127 10.5 10.3 15.5
 129 3.0 8.4 12.6#

