

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071692.D
 Acq On : 12 Jan 2022 17:57
 Operator : VA/SY
 Sample : N1106-12
 Misc : 6.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-A4-A41-01-6

Quant Time: Jan 13 05:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

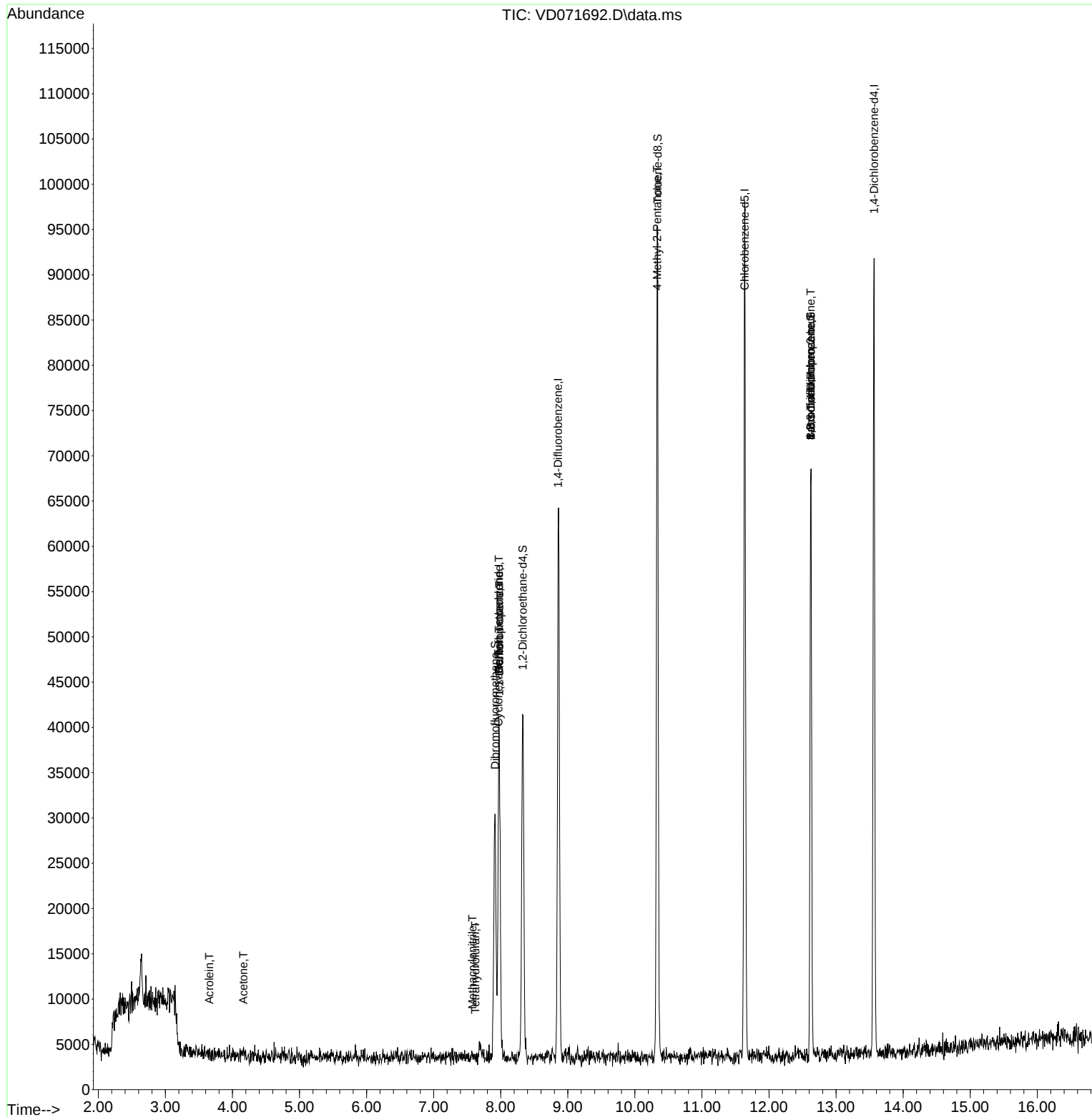
Internal Standards						
1) Pentafluorobenzene	7.973	168	23519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	47778	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	47352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	21848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30301	100.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.260%#	
35) Dibromofluoromethane	7.914	113	18328	58.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.100%	
50) Toluene-d8	10.338	98	58820	49.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.620	95	20007	48.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.232	85	58	Below Cal	#	43
5) Bromomethane	2.797	94	119	Below Cal		99
13) Acrolein	3.656	56	56	1.896	ug/l #	14
16) Acetone	4.162	43	1349	19.308	ug/l #	49
18) Methyl Acetate	4.709	43	61	Below Cal	#	56
20) Methylene Chloride	4.950	84	129	Below Cal	#	63
29) Tetrahydrofuran	7.620	42	99	2.085	ug/l #	39
31) Cyclohexane	7.967	56	574	1.682	ug/l #	58
36) 1,1-Dichloropropene	7.979	75	2457	5.455	ug/l #	48
38) Carbon Tetrachloride	7.973	117	2650	5.810	ug/l #	14
41) Methacrylonitrile	7.579	41	74	1.692	ug/l #	1
51) 4-Methyl-2-Pentanone	10.332	43	432	2.078	ug/l #	1
71) Bromoform	12.620	173	190	1.133	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	11342	53.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	11342	149.779	ug/l #	3

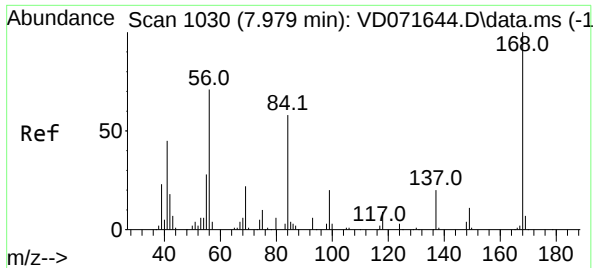
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
Data File : VD071692.D
Acq On : 12 Jan 2022 17:57
Operator : VA/SY
Sample : N1106-12
Misc : 6.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

Quant Time: Jan 13 05:30:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

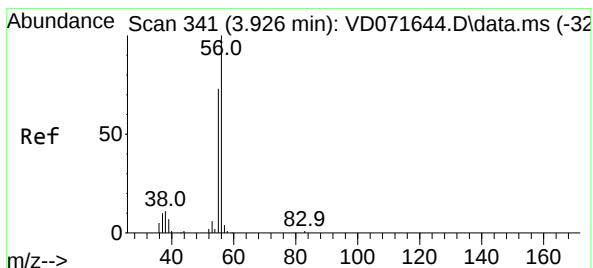
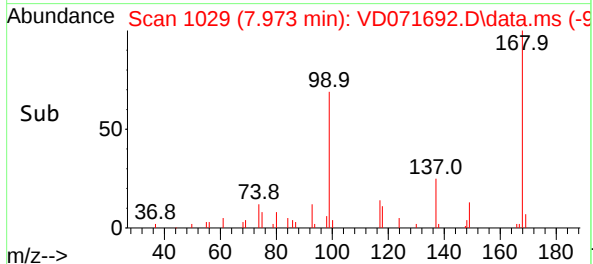
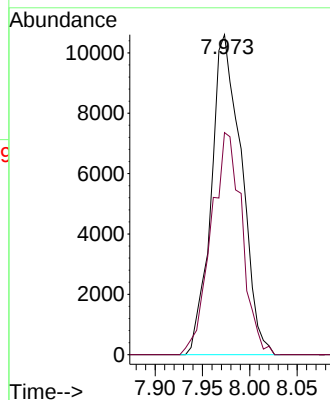
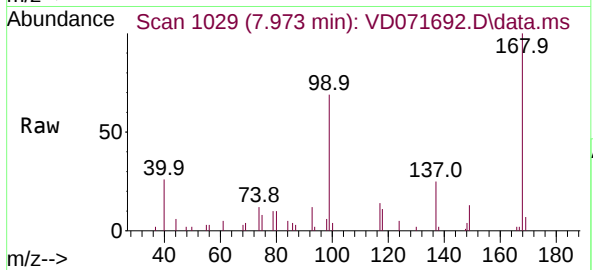




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

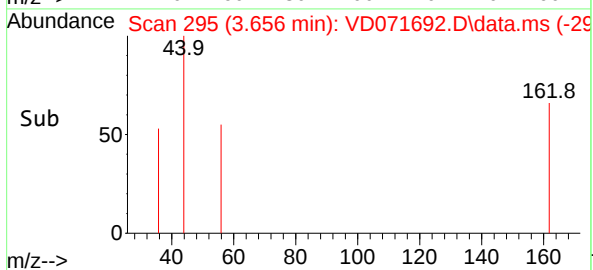
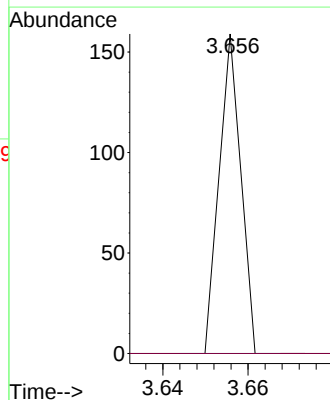
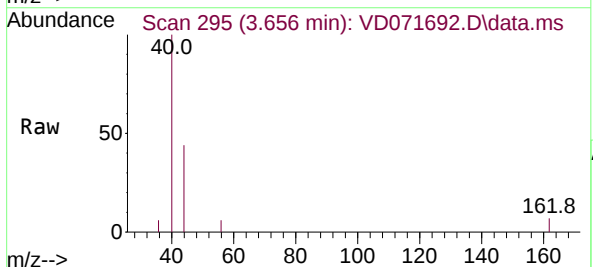
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

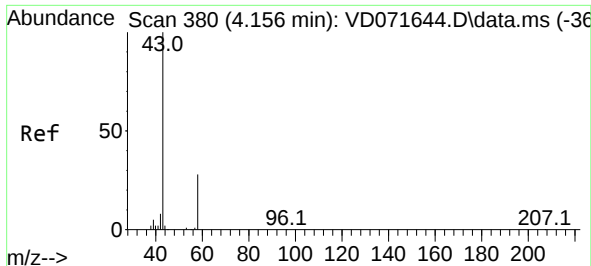
Tgt Ion:168 Resp: 23519
Ion Ratio Lower Upper
168 100
99 69.4 51.8 77.6



#13
Acrolein
Concen: 1.896 ug/l
RT: 3.656 min Scan# 295
Delta R.T. -0.270 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

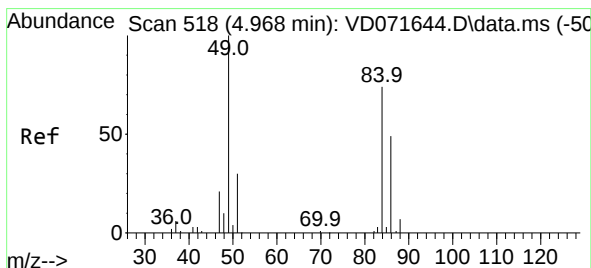
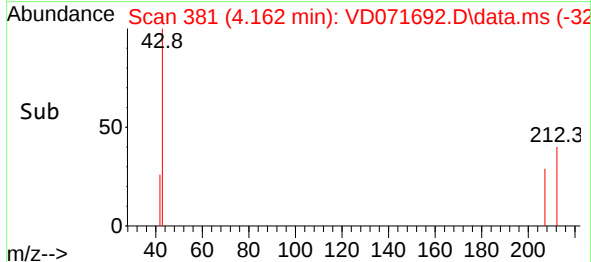
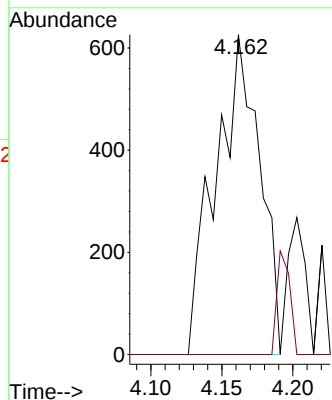
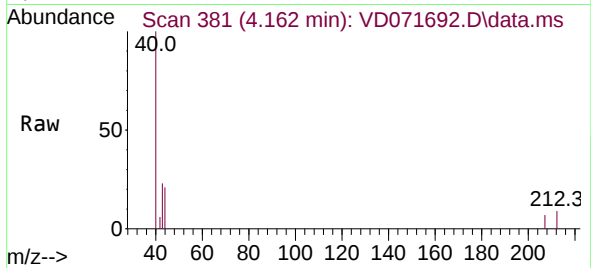




#16
Acetone
Concen: 19.308 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

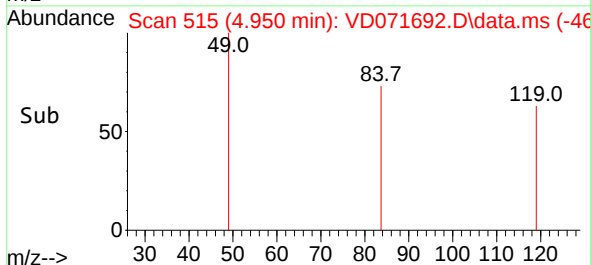
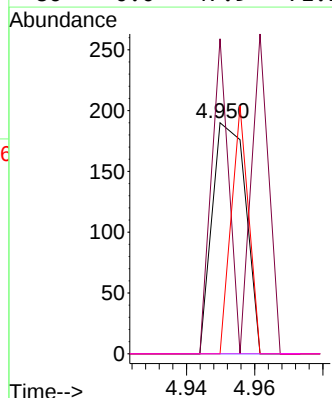
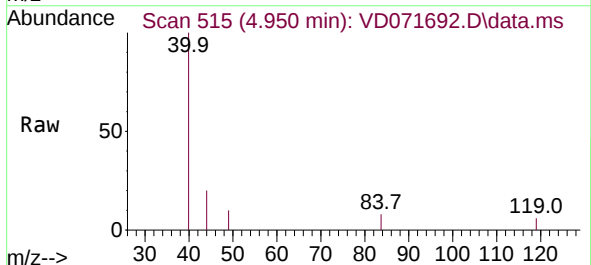
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

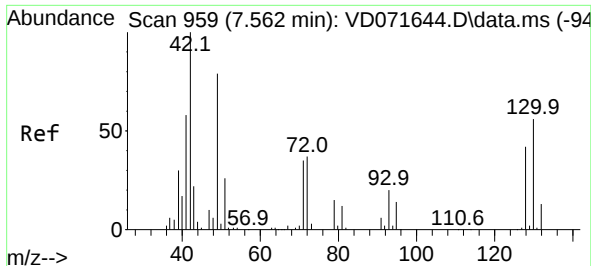
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.017 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion: 84 Resp: 129
Ion Ratio Lower Upper
84 100
49 136.3 118.6 178.0
51 0.0 37.8 56.6#
86 0.0 47.9 71.9#





#29

Tetrahydrofuran

Concen: 2.085 ug/l

RT: 7.620 min Scan# 9

Delta R.T. 0.059 min

Lab File: VD071692.D

Acq: 12 Jan 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

SO-A4-A41-01-6

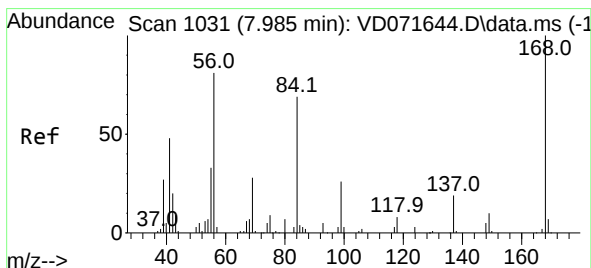
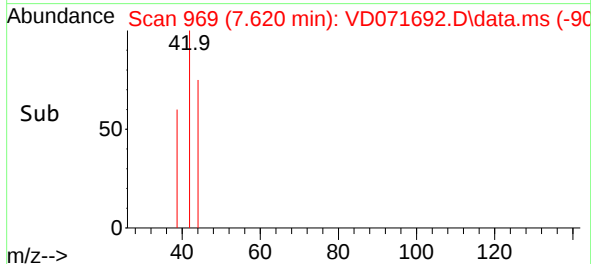
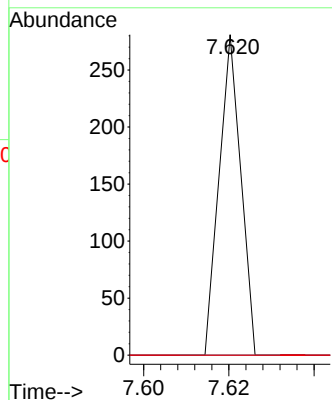
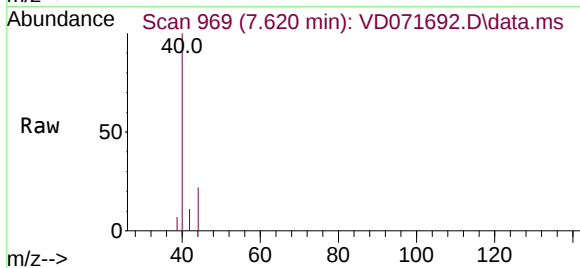
Tgt Ion: 42 Resp: 99

Ion Ratio Lower Upper

42 100

72 0.0 29.6 44.4#

71 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.682 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.023 min

Lab File: VD071692.D

Acq: 12 Jan 2022 17:57

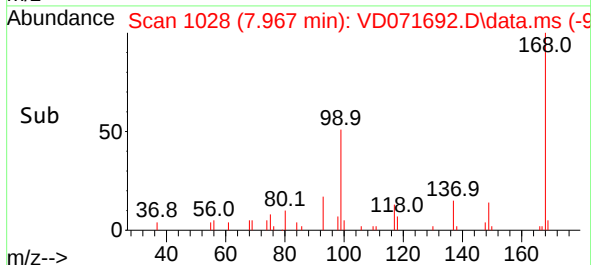
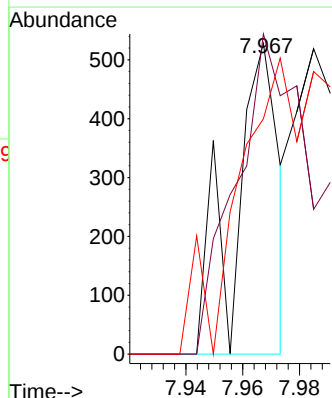
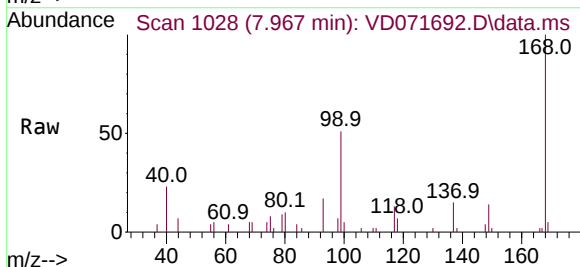
Tgt Ion: 56 Resp: 574

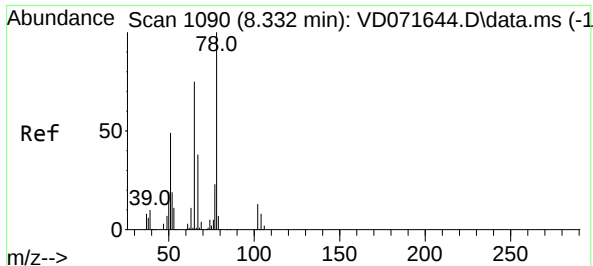
Ion Ratio Lower Upper

56 100

69 103.0 21.7 32.5#

84 75.8 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 100.128 ug/l

RT: 8.326 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD071692.D

Acq: 12 Jan 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

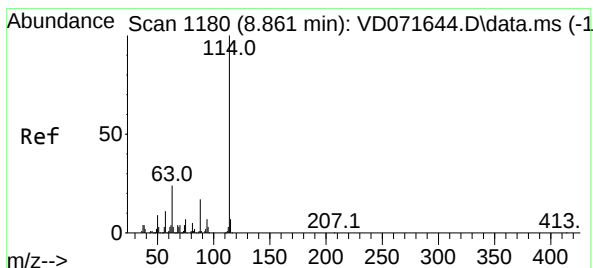
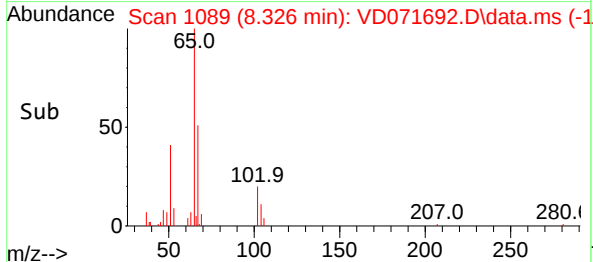
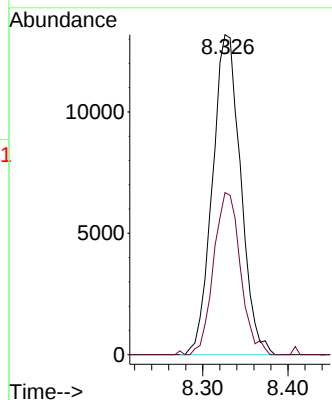
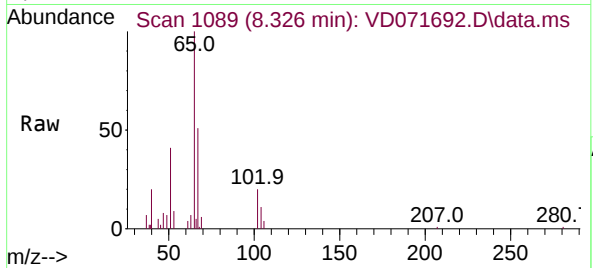
SO-A4-A41-01-6

Tgt Ion: 65 Resp: 30301

Ion Ratio Lower Upper

65 100

67 48.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.012 min

Lab File: VD071692.D

Acq: 12 Jan 2022 17:57

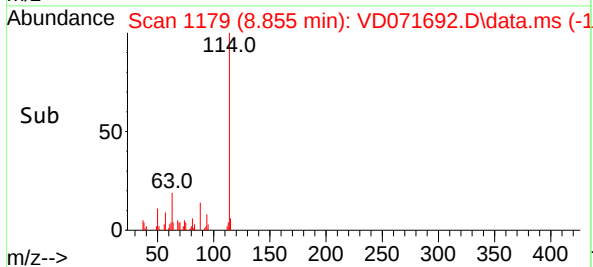
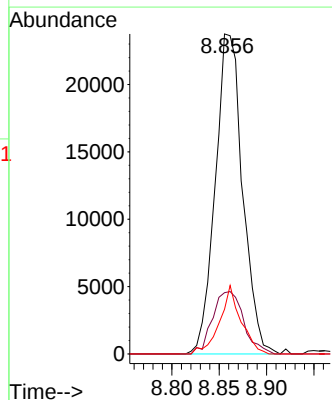
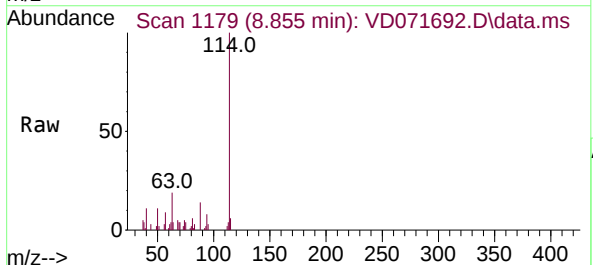
Tgt Ion: 114 Resp: 47778

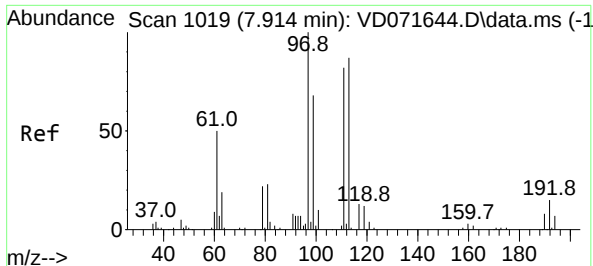
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.2

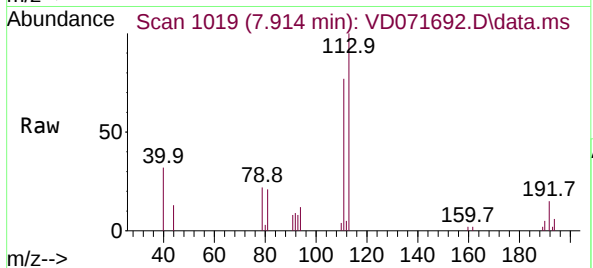
88 14.0 0.0 32.0



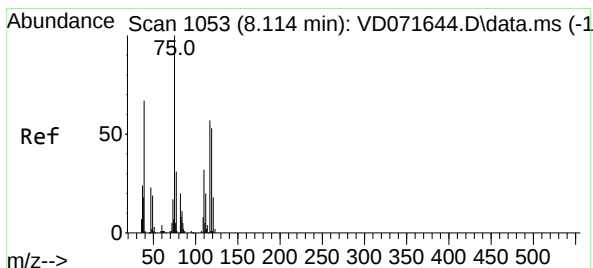
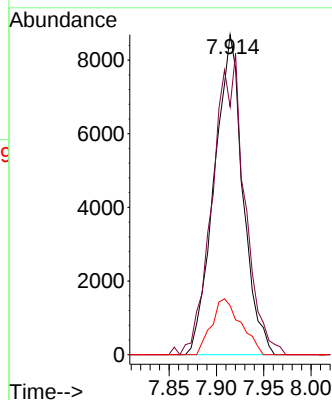
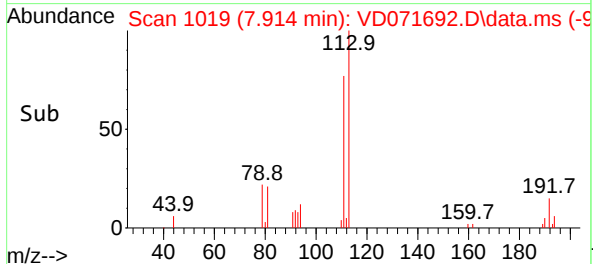


#35
Dibromofluoromethane
Concen: 58.045 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

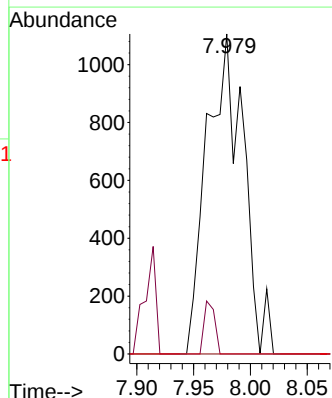
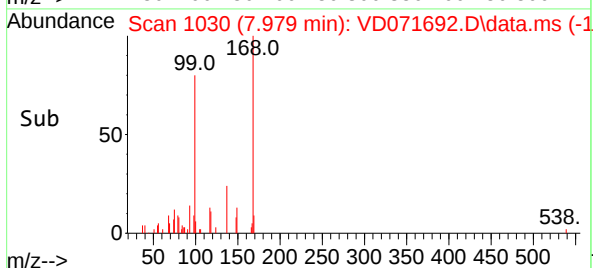
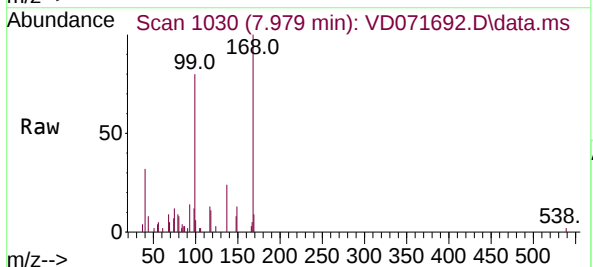


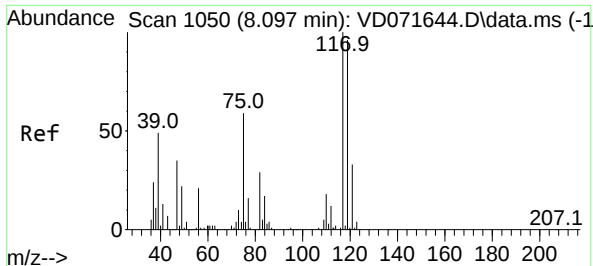
Tgt Ion:113 Resp: 18328
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.455 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

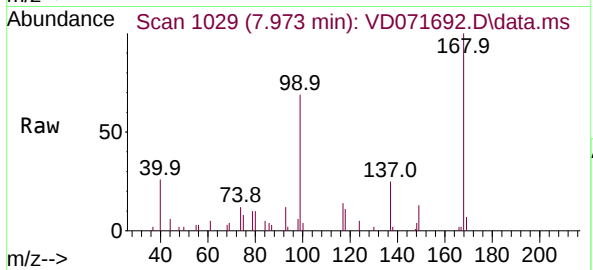
Tgt Ion: 75 Resp: 2457
Ion Ratio Lower Upper
75 100
110 4.8 16.0 48.0#
77 0.0 24.5 36.7#



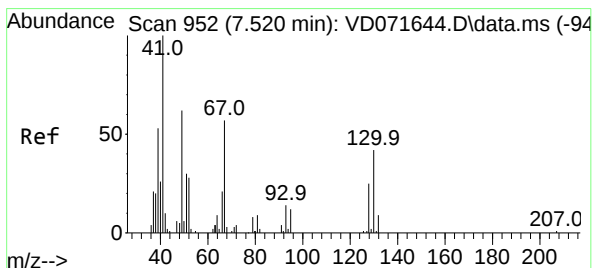
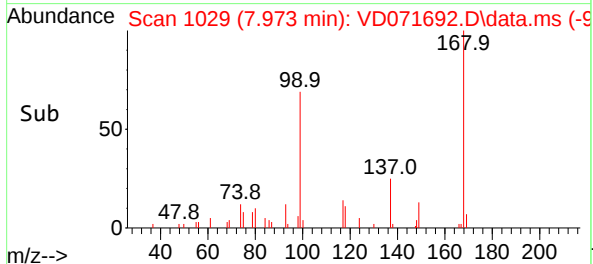
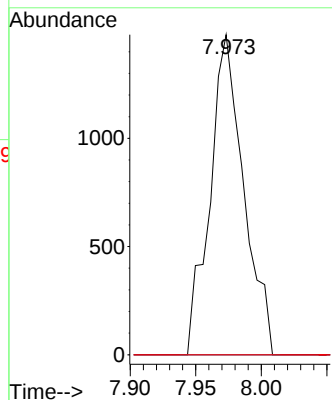


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

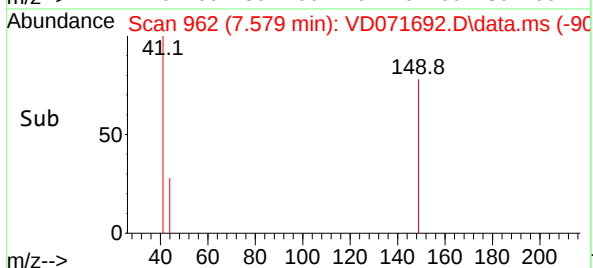
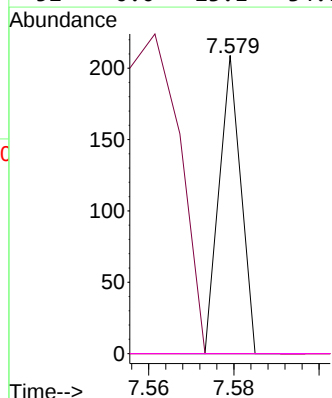
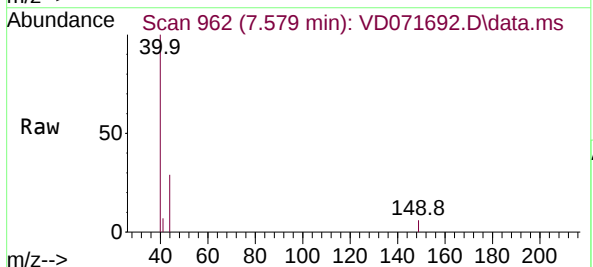


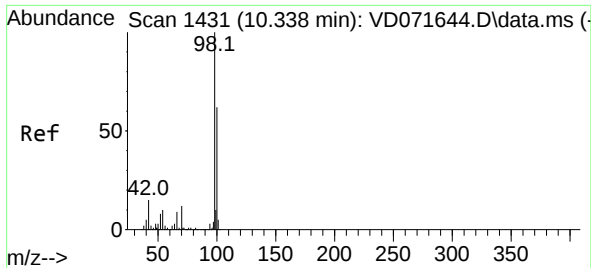
Tgt Ion:117 Resp: 2650
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.692 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.059 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion: 41 Resp: 74
Ion Ratio Lower Upper
41 100
39 275.7 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

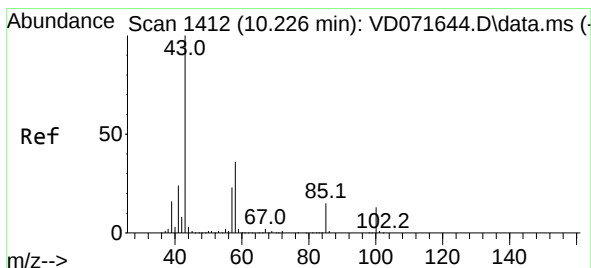
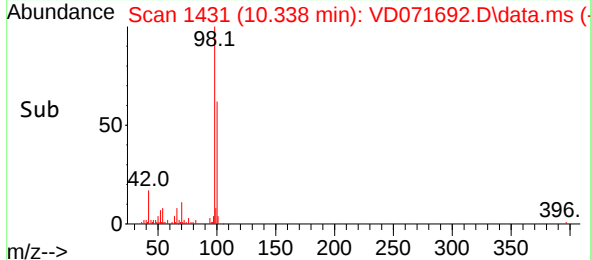
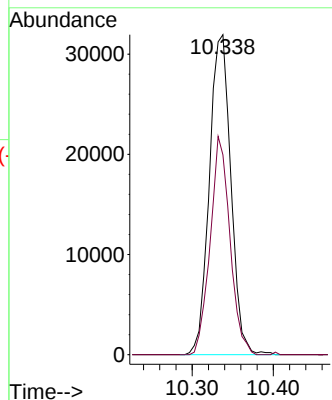
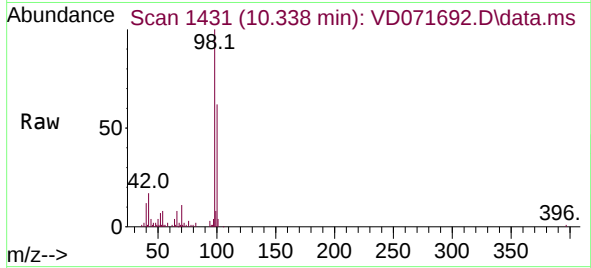




#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

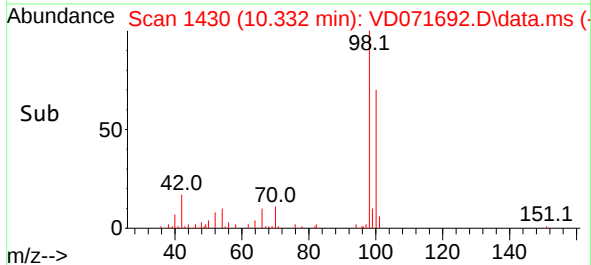
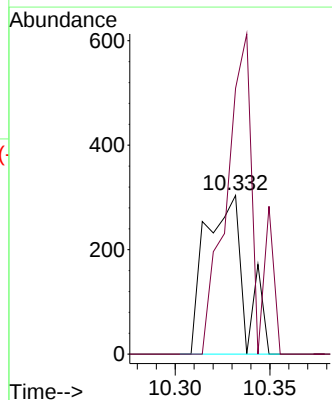
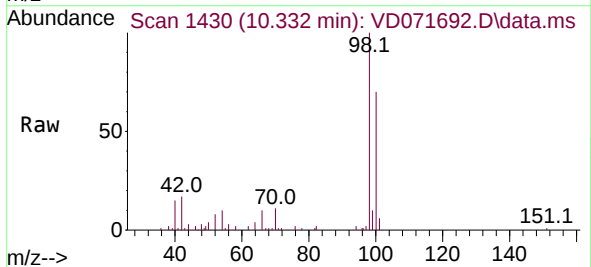
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

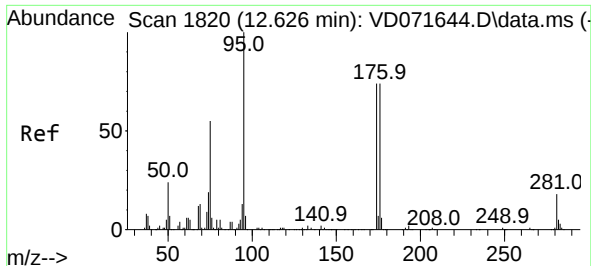
Tgt Ion: 98 Resp: 58820
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 2.078 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 149.5 28.2 42.2#

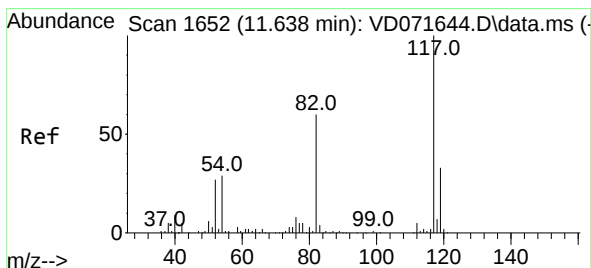
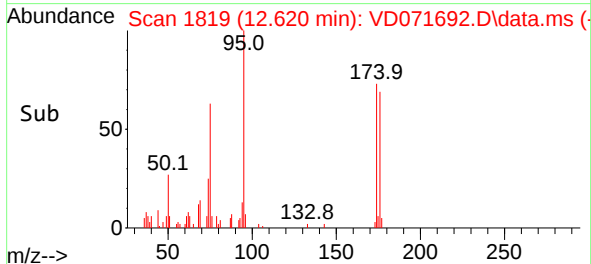
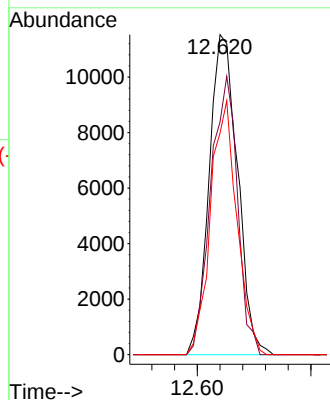
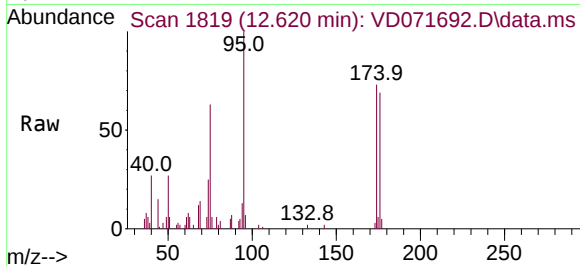




#62
4-Bromofluorobenzene
Concen: 48.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

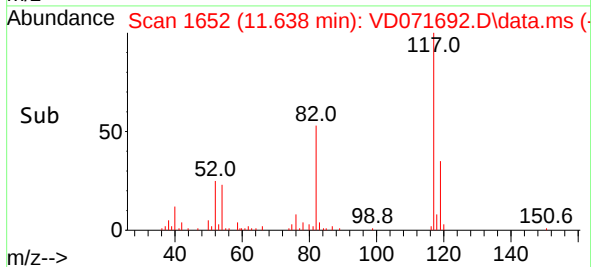
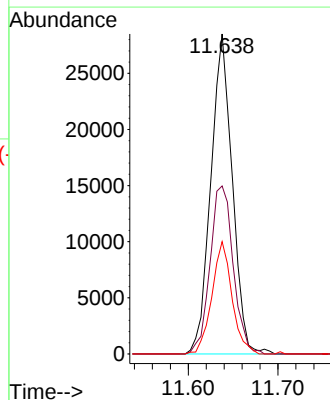
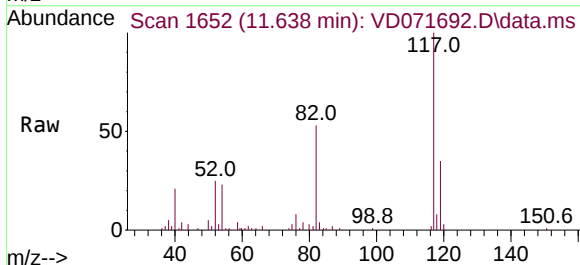
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

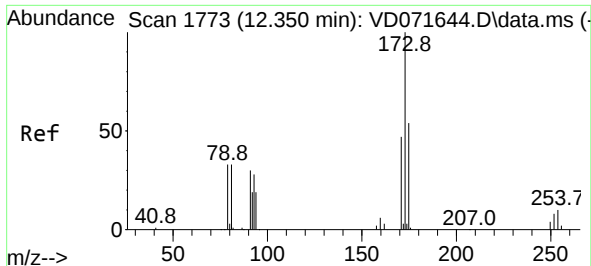
Tgt Ion:	95	Resp:	20007
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	150.0
176	73.6	0.0	146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion:	117	Resp:	47352
Ion	Ratio	Lower	Upper
117	100		
82	52.5	46.9	70.3
119	35.1	26.6	39.8

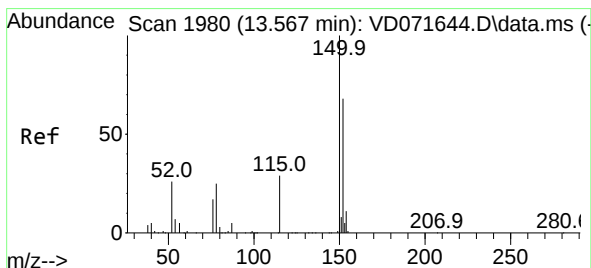
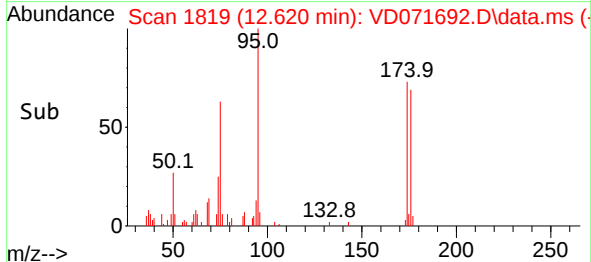
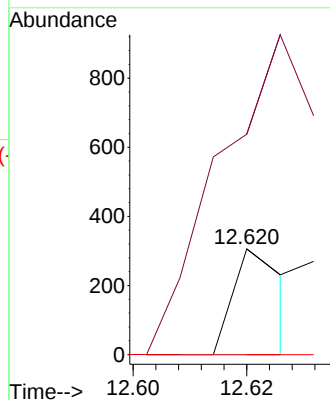
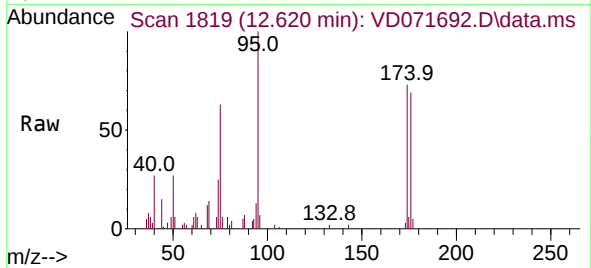




#71
Bromoform
Concen: 1.133 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.265 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

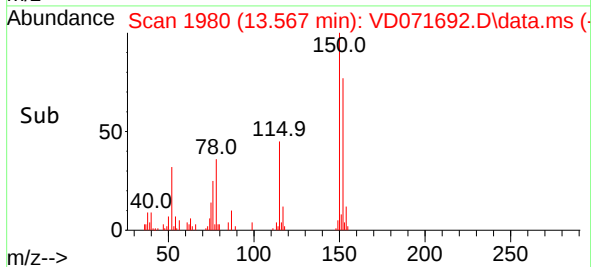
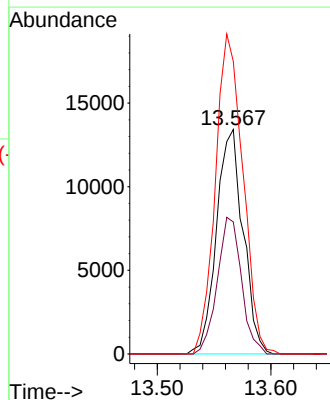
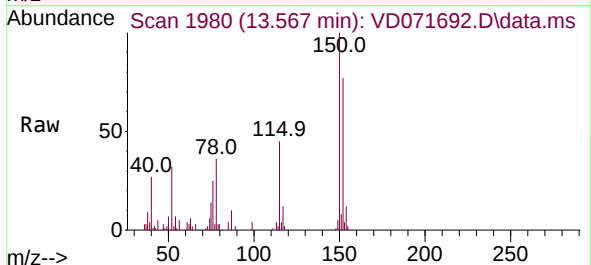
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

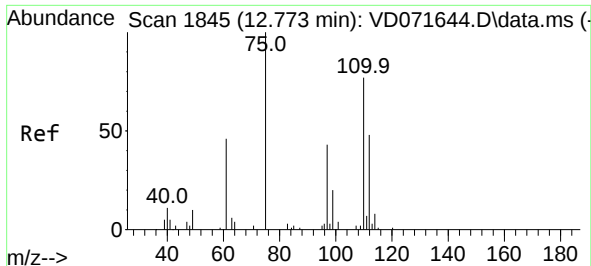
Tgt Ion:173 Resp: 190
Ion Ratio Lower Upper
173 100
175 566.8 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion:152 Resp: 21848
Ion Ratio Lower Upper
152 100
115 55.4 31.5 94.5
150 147.3 0.0 348.0

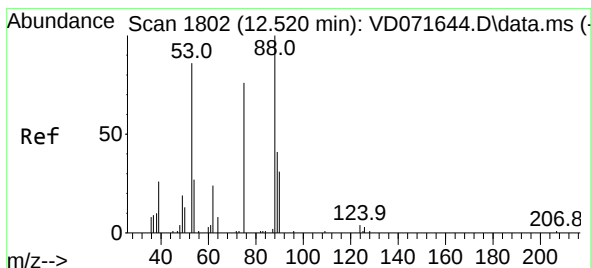
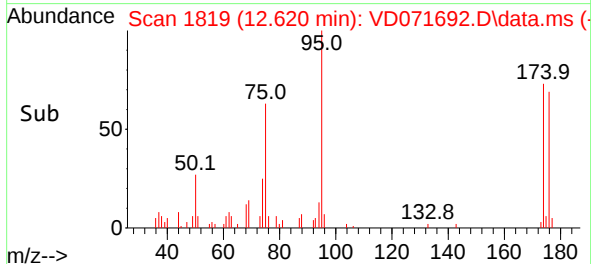
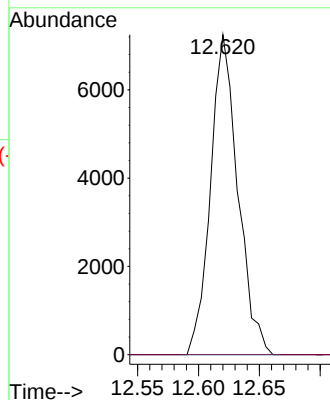
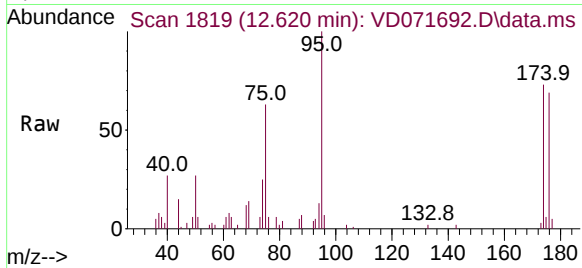




#76
1,2,3-Trichloropropane
Concen: 53.725 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

Tgt Ion: 75 Resp: 11342
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 149.779 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071692.D
Acq: 12 Jan 2022 17:57

Tgt Ion: 75 Resp: 11342
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.0 37.2 55.8#

