

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070992.D
 Acq On : 11 Nov 2021 15:29
 Operator : VA/SY
 Sample : M4605-06RE
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 08:01:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	412741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	726185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	709086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	341748	50.000	ug/l	0.00

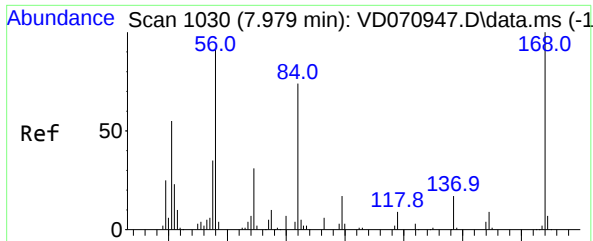
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237246	53.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.908	113	226817	55.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.700%
50) Toluene-d8	10.332	98	920390	57.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.620	95	349754	60.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.060%

Target Compounds					Qvalue	
10) Methyl Iodide	4.308	142	215	6.061	ug/l #	40
13) Acrolein	3.920	56	172	Below Cal	#	40
16) Acetone	4.173	43	6563	24.888	ug/l #	78
23) Vinyl Acetate	6.308	43	280	21.012	ug/l #	72
25) 2-Butanone	7.226	43	1017	20.976	ug/l #	45
29) Tetrahydrofuran	7.561	42	1269	1.421	ug/l #	66
31) Cyclohexane	7.973	56	11861	1.312	ug/l #	25
36) 1,1-Dichloropropene	7.973	75	35830	5.526	ug/l #	49
38) Carbon Tetrachloride	7.979	117	41833	7.006	ug/l #	19
41) Methacrylonitrile	7.520	41	108	3.552	ug/l #	63
59) 2-Hexanone	10.990	43	183	16.007	ug/l #	22
76) 1,2,3-Trichloropropane	12.620	75	189104	64.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	189104	119.767	ug/l #	18

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

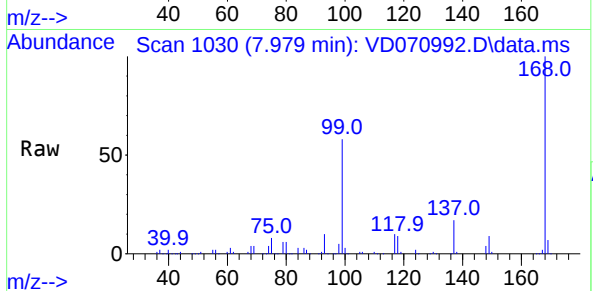
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



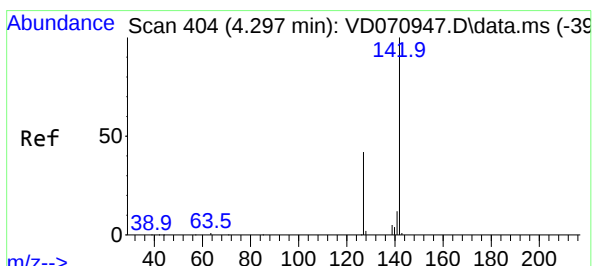
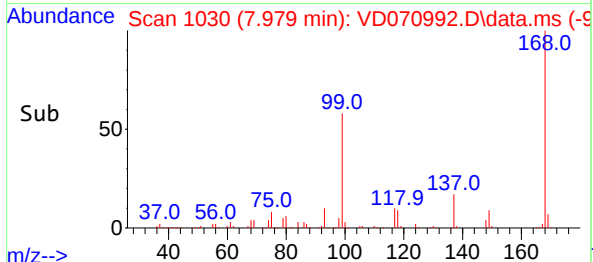
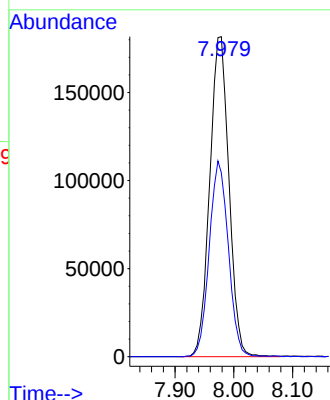


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :

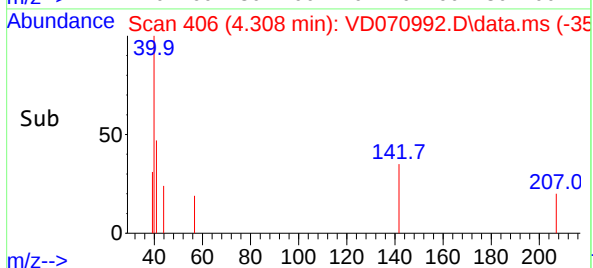
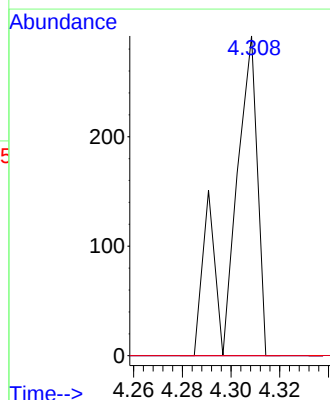
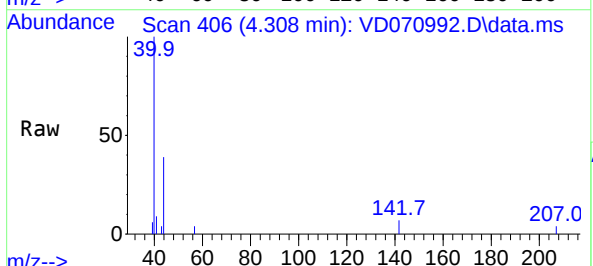


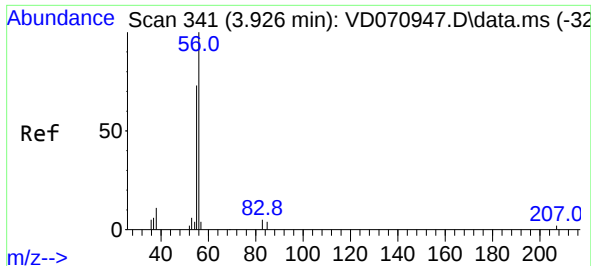
Tgt Ion:168 Resp: 412741
Ion Ratio Lower Upper
168 100
99 57.5 46.6 69.8



#10
Methyl Iodide
Concen: 6.061 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.011 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

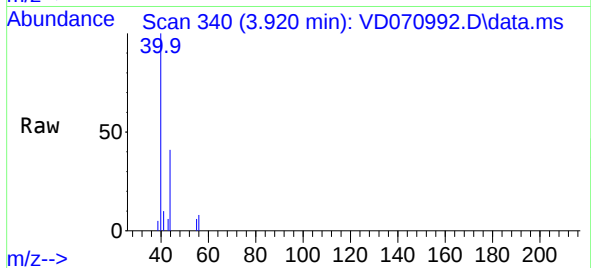
Tgt Ion:142 Resp: 215
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#



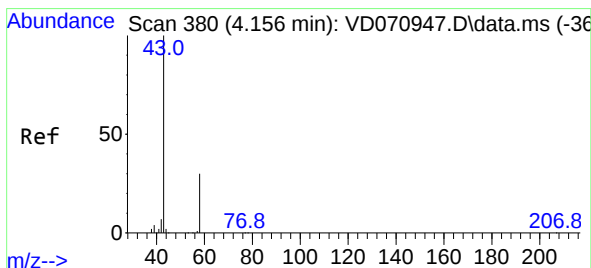
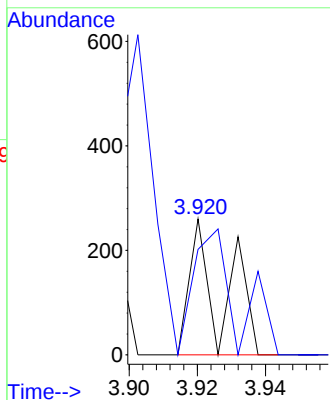
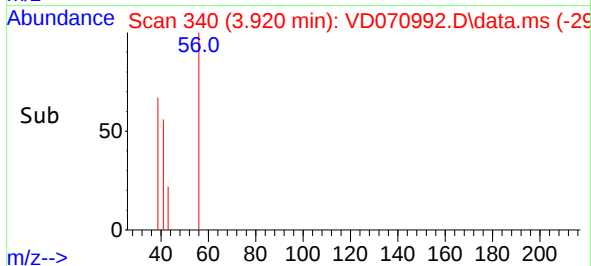


#13
Acrolein
Concen: Below Cal
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :

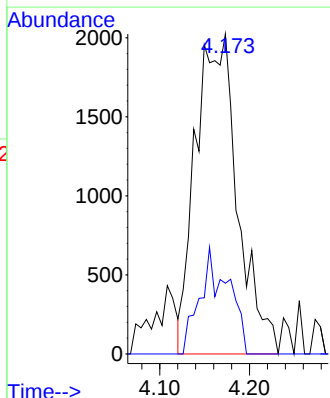
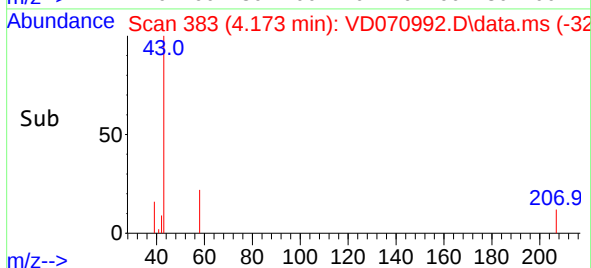
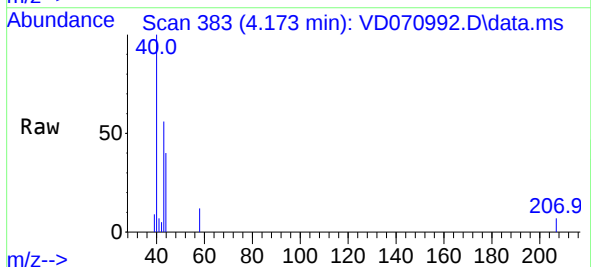


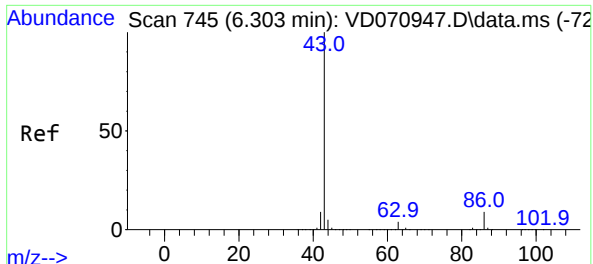
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 123.8 58.6 87.8#



#16
Acetone
Concen: 24.888 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

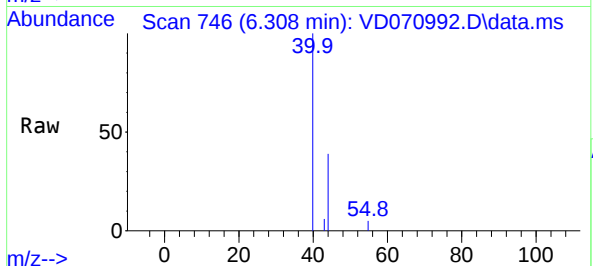
Tgt Ion: 43 Resp: 6563
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#



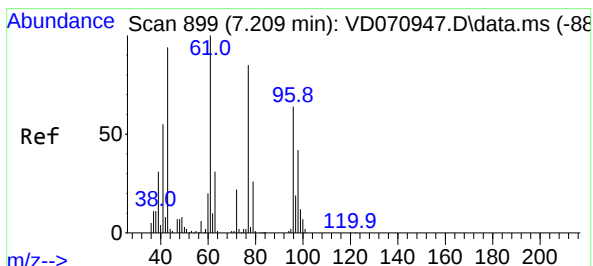
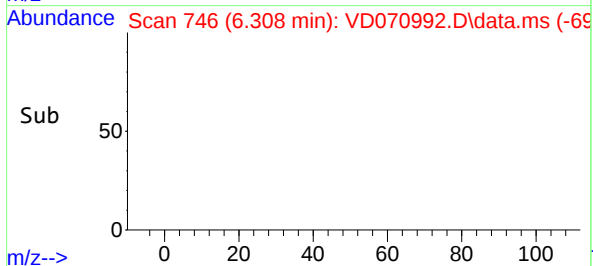
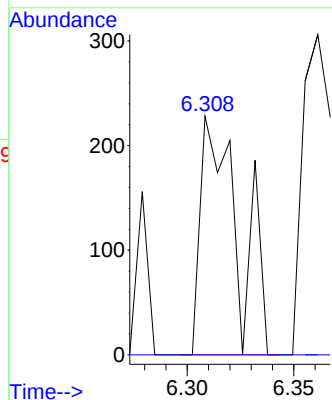


#23
 Vinyl Acetate
 Concen: 21.012 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. 0.005 min
 Lab File: VD070992.D
 Acq: 11 Nov 2021 15:29

Instrument :
 MSVOA_D
 ClientSampleId :

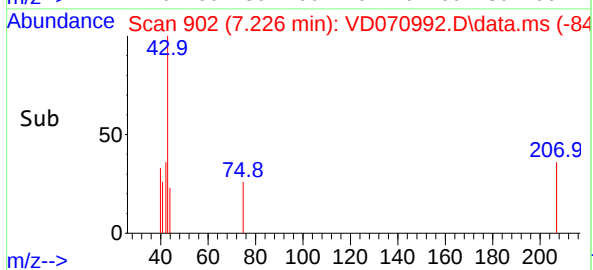
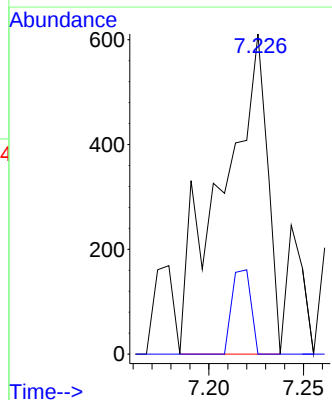
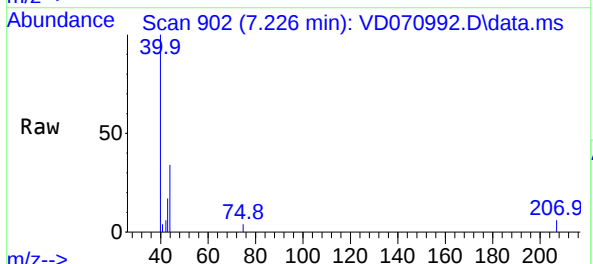


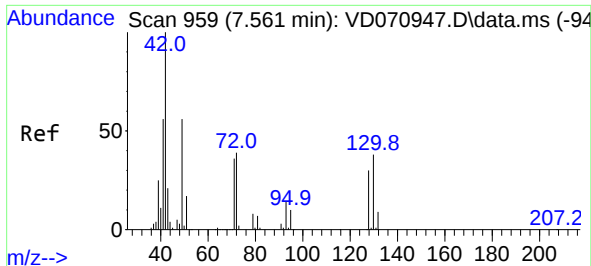
Tgt Ion: 43 Resp: 280
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 20.976 ug/l
 RT: 7.226 min Scan# 902
 Delta R.T. 0.017 min
 Lab File: VD070992.D
 Acq: 11 Nov 2021 15:29

Tgt Ion: 43 Resp: 1017
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#29

Tetrahydrofuran

Concen: 1.421 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

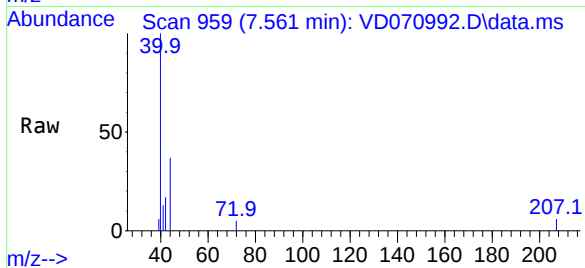
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Acq: 11 Nov 2021 15:29

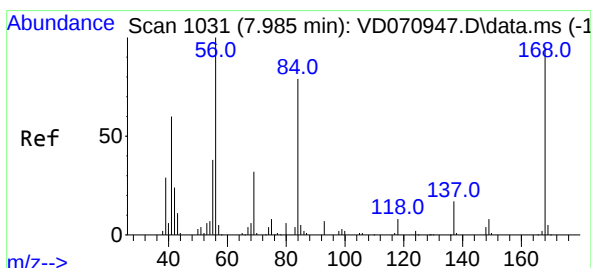
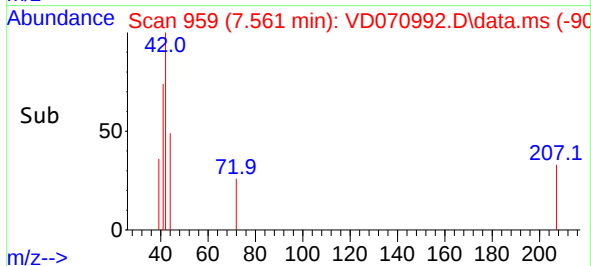
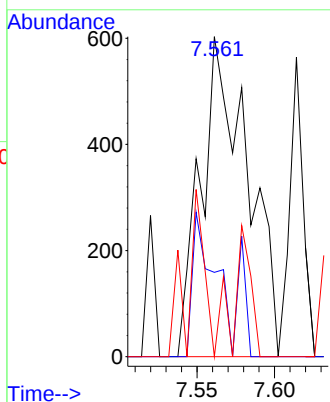
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	1269
Ion	Ratio	Lower	Upper
42	100		
72	21.2	33.7	50.5#
71	18.8	32.7	49.1#



#31

Cyclohexane

Concen: 1.312 ug/l

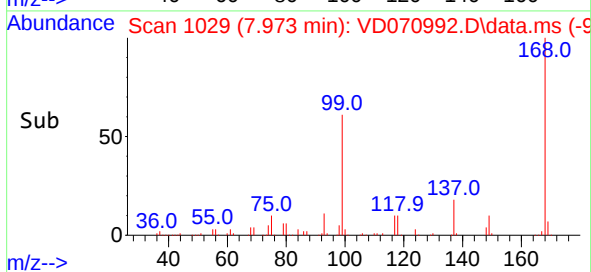
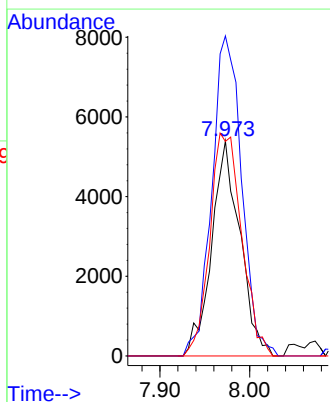
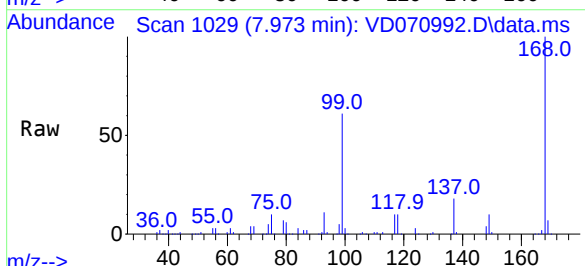
RT: 7.973 min Scan# 1029

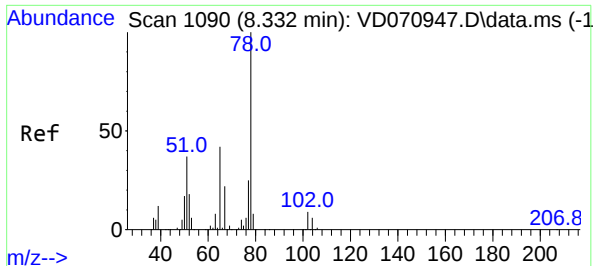
Delta R.T. -0.012 min

Lab File: VD070992.D

Acq: 11 Nov 2021 15:29

Tgt Ion:	56	Resp:	11861
Ion	Ratio	Lower	Upper
56	100		
69	148.9	25.9	38.9#
84	99.8	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 53.987 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD070992.D

Acq: 11 Nov 2021 15:29

Instrument :

MSVOA_D

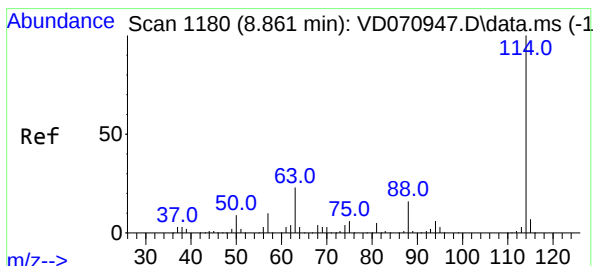
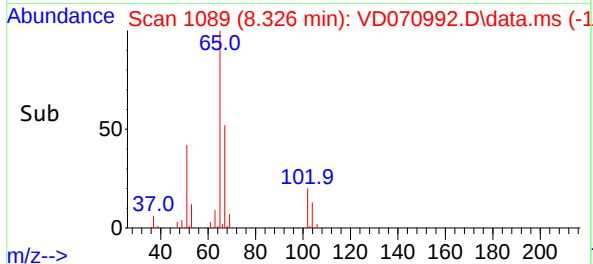
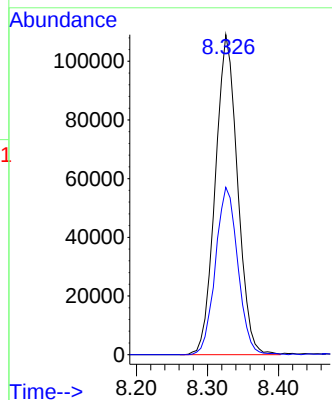
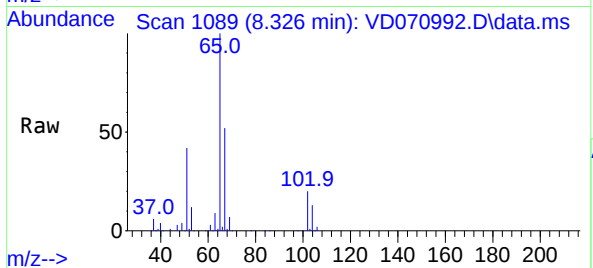
ClientSampleId :

Tgt Ion: 65 Resp: 237246

Ion Ratio Lower Upper

65 100

67 52.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070992.D

Acq: 11 Nov 2021 15:29

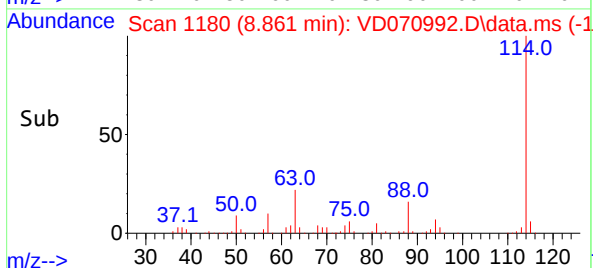
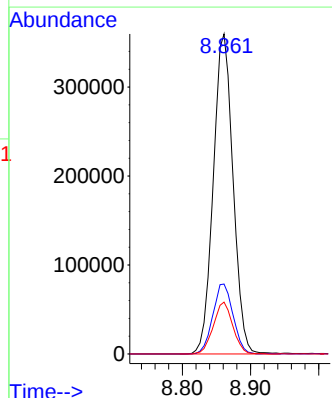
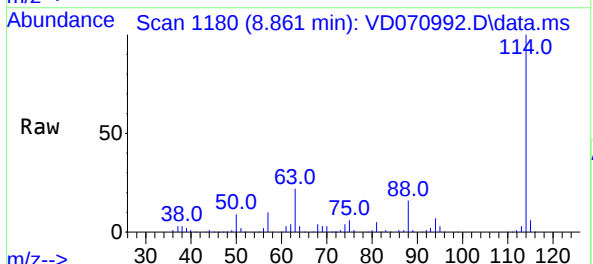
Tgt Ion: 114 Resp: 726185

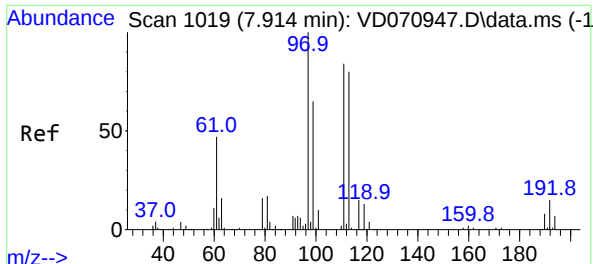
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

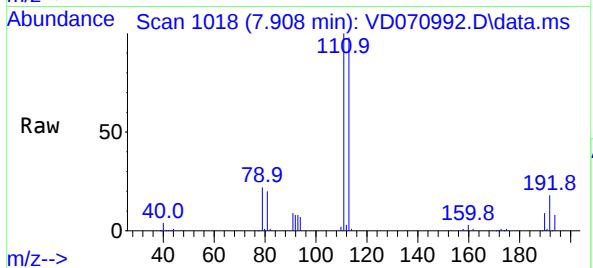
88 16.2 0.0 32.8



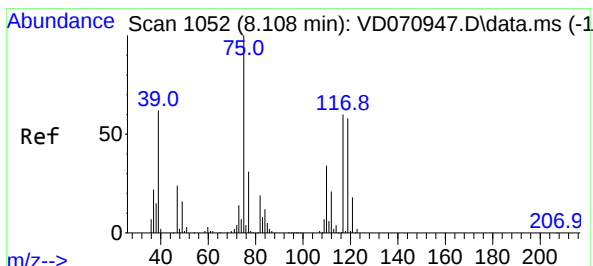
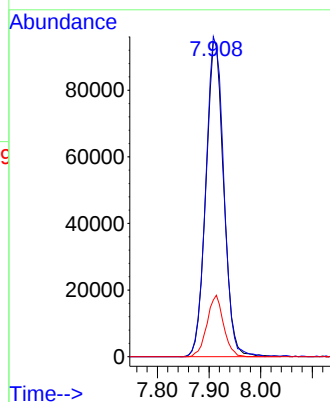
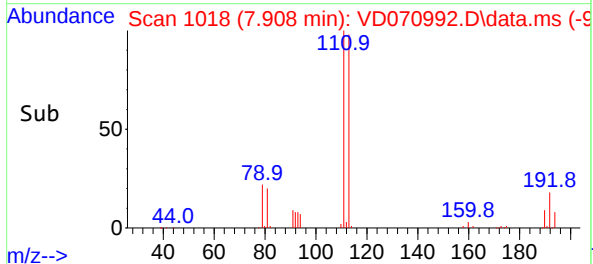


#35
Dibromofluoromethane
Concen: 55.352 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

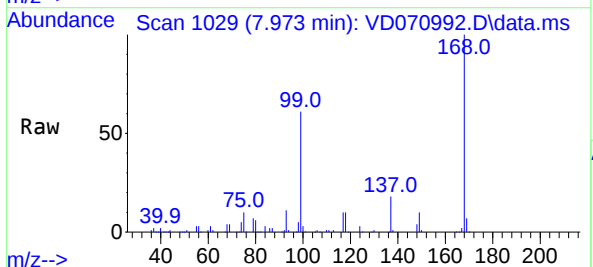
Instrument :
MSVOA_D
ClientSampleId :



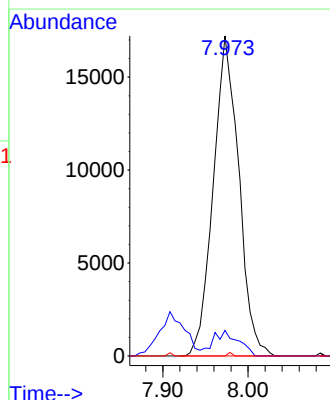
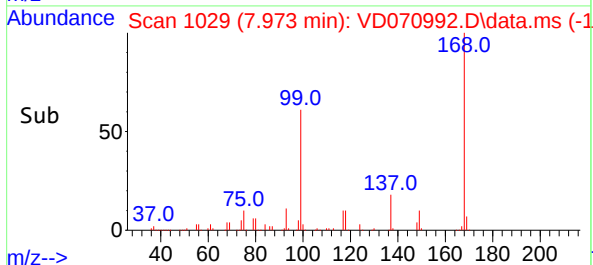
Tgt Ion:113 Resp: 226817
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 18.1 15.2 22.8

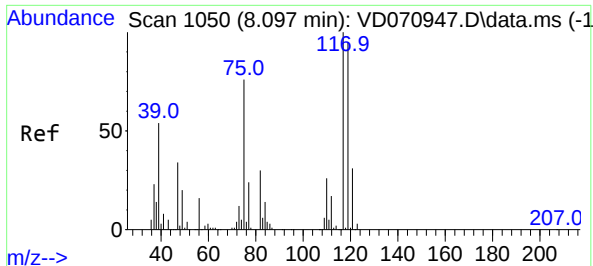


#36
1,1-Dichloropropene
Concen: 5.526 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29



Tgt Ion: 75 Resp: 35830
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.4#
77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.006 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.118 min

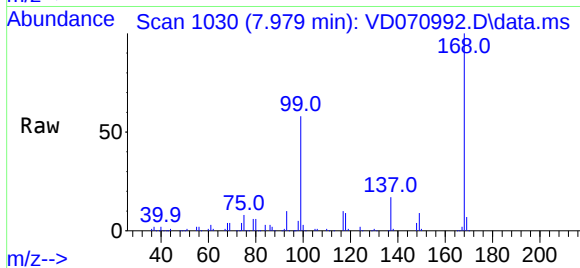
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Acq: 11 Nov 2021 15:29

Instrument :

MSVOA_D

ClientSampleId :



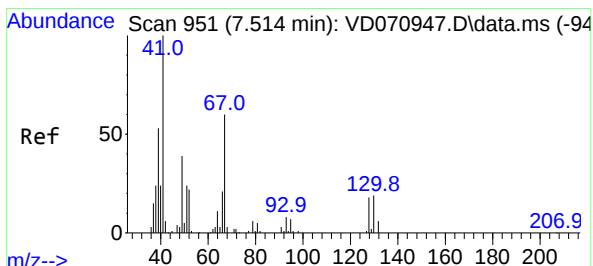
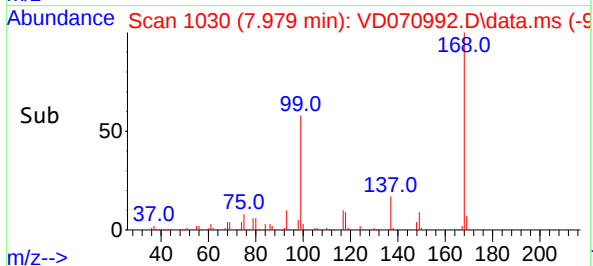
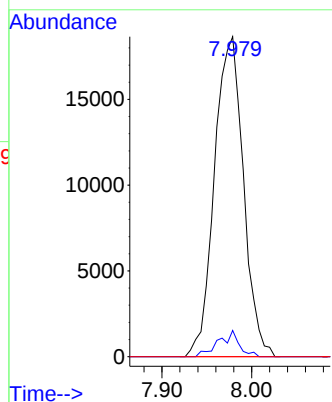
Tgt Ion:117 Resp: 41833

Ion Ratio Lower Upper

117 100

119 8.2 75.8 113.6#

121 0.0 23.6 35.4#



#41

Methacrylonitrile

Concen: 3.552 ug/l

RT: 7.520 min Scan# 952

Delta R.T. 0.006 min

Lab File: VD070992.D

Acq: 11 Nov 2021 15:29

Tgt Ion: 41 Resp: 108

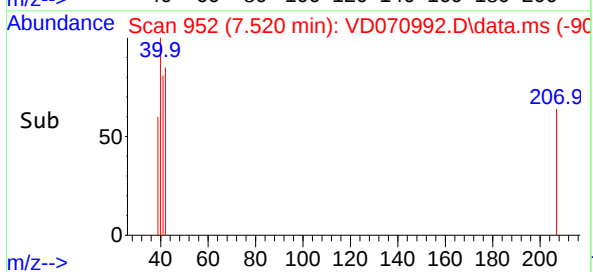
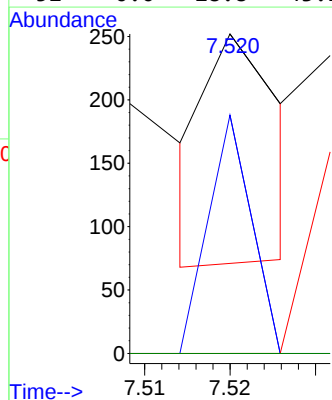
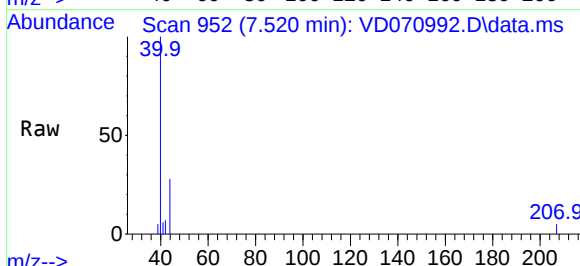
Ion Ratio Lower Upper

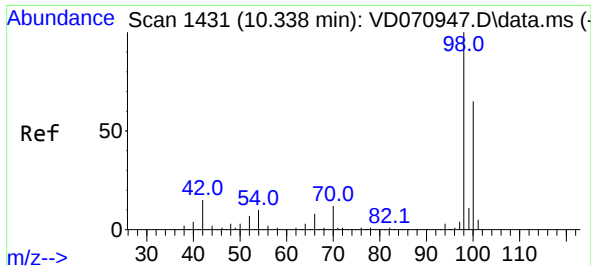
41 100

39 61.1 60.2 90.4

67 51.9 74.8 112.2#

52 0.0 28.8 43.2#

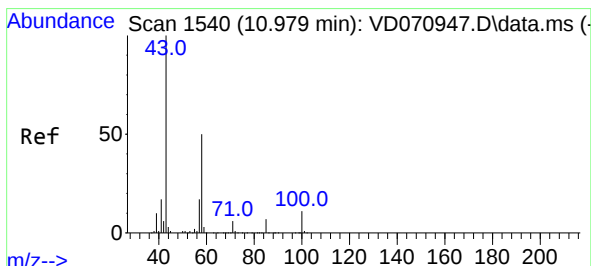
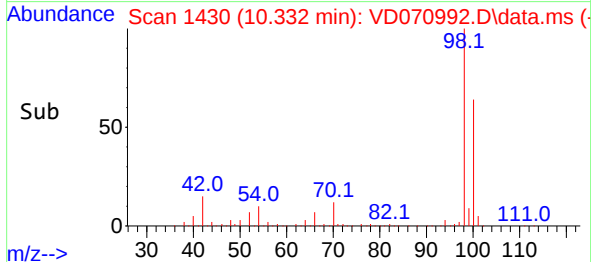
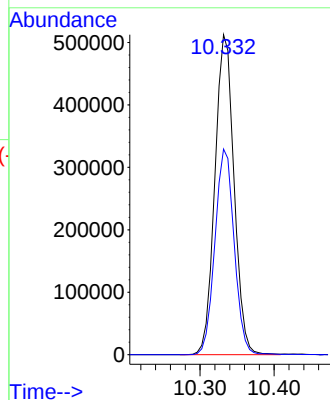
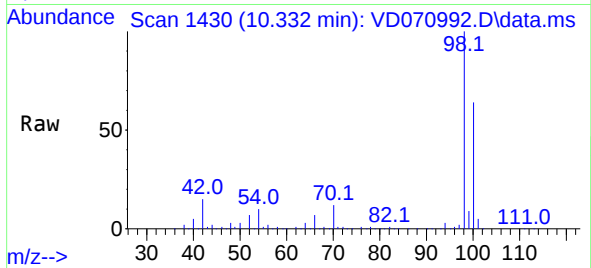




#50
Toluene-d8
Concen: 57.354 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

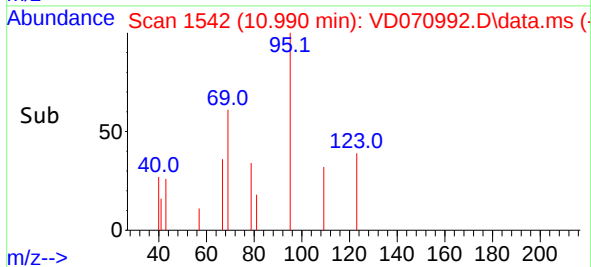
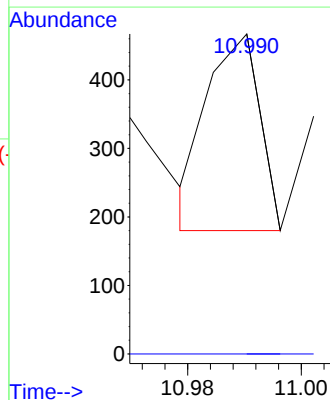
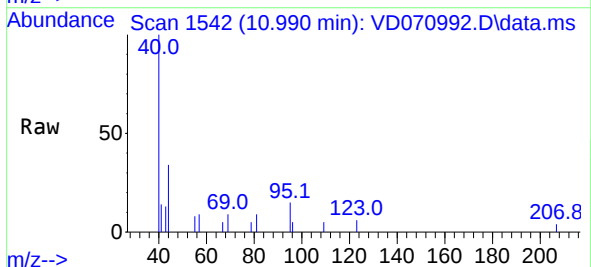
Instrument :
MSVOA_D
ClientSampleId :

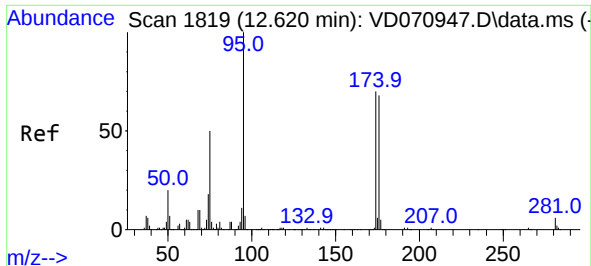
Tgt Ion: 98 Resp: 920390
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#59
2-Hexanone
Concen: 16.007 ug/l
RT: 10.990 min Scan# 1542
Delta R.T. 0.011 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

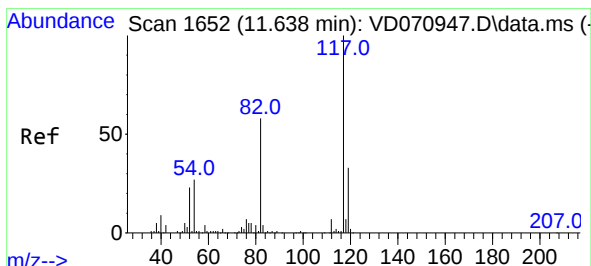
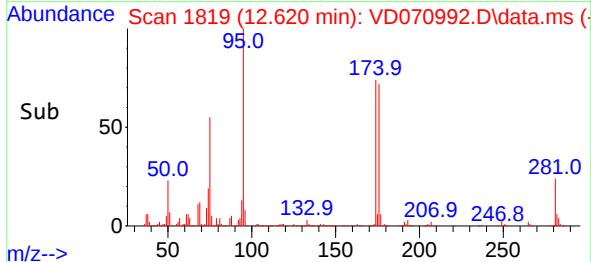
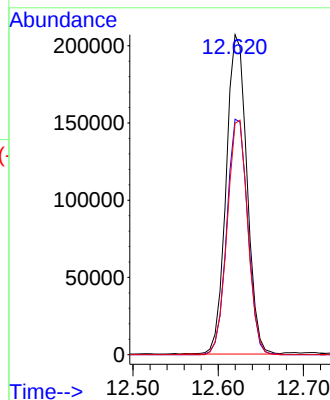
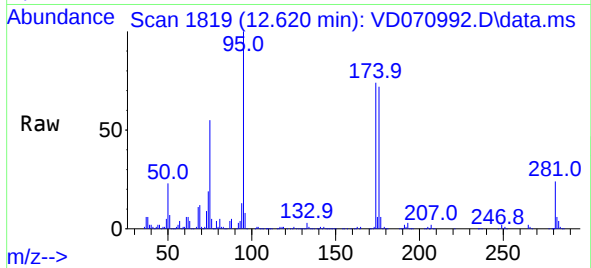




#62
4-Bromofluorobenzene
Concen: 60.531 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

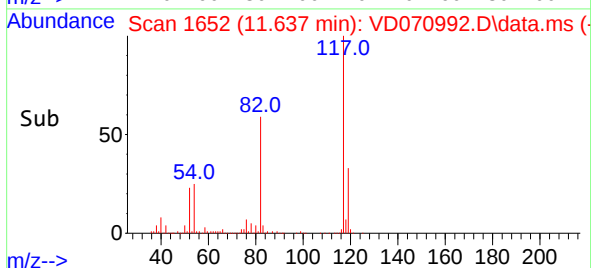
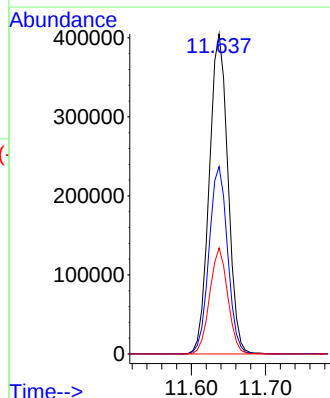
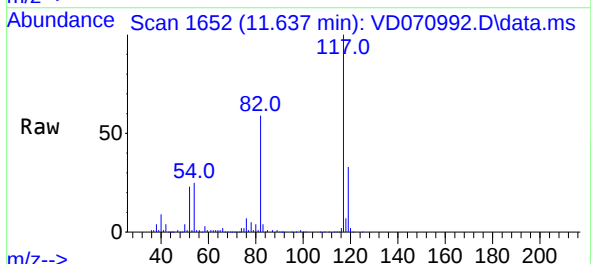
Instrument :
MSVOA_D
ClientSampleId :

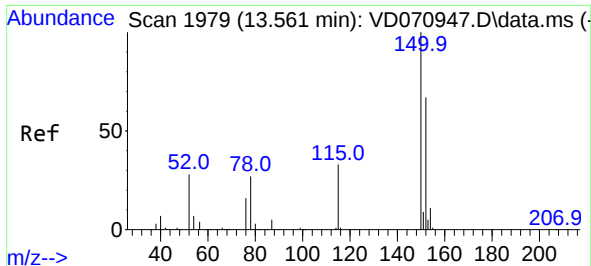
Tgt Ion: 95 Resp: 349754
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.4
176 72.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

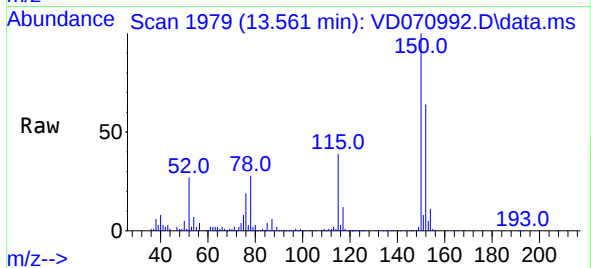
Tgt Ion: 117 Resp: 709086
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 33.1 26.2 39.4



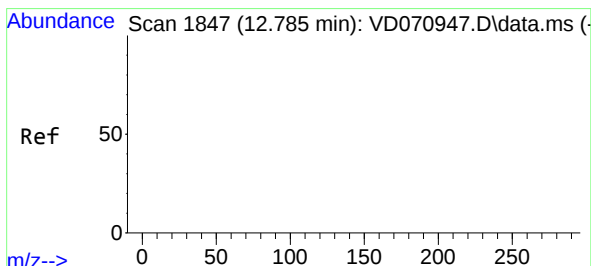
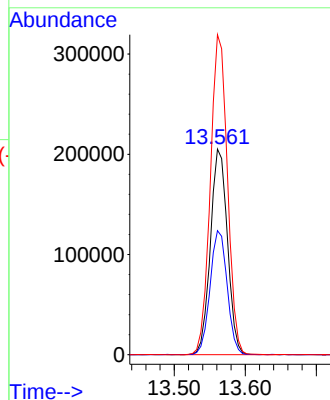
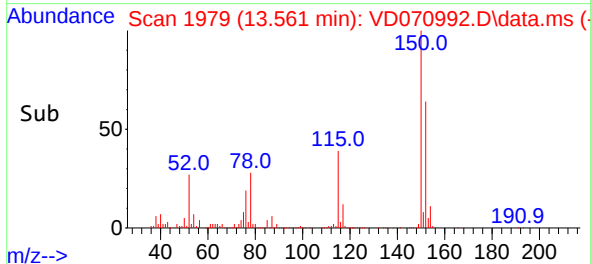


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :

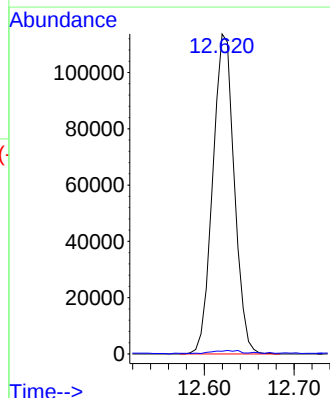
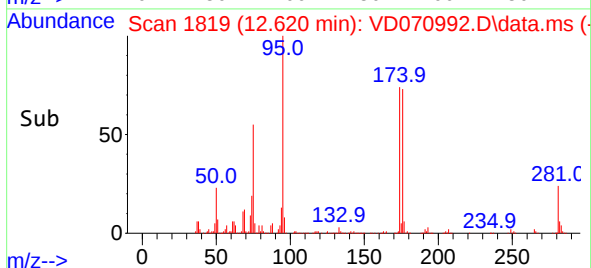
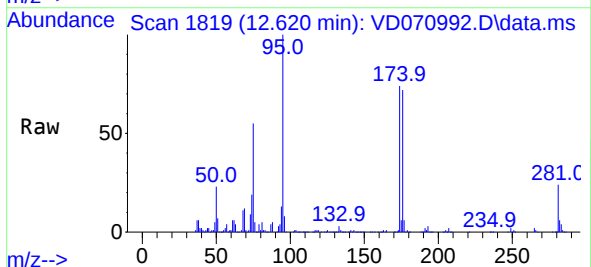


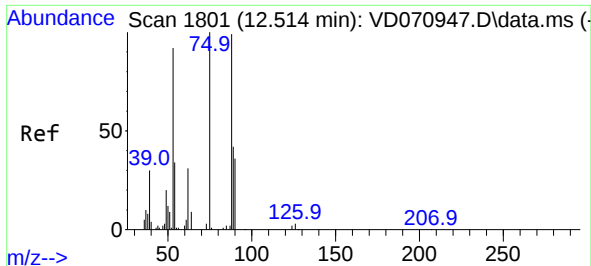
Tgt Ion:152 Resp: 341748
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 156.2 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 64.779 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

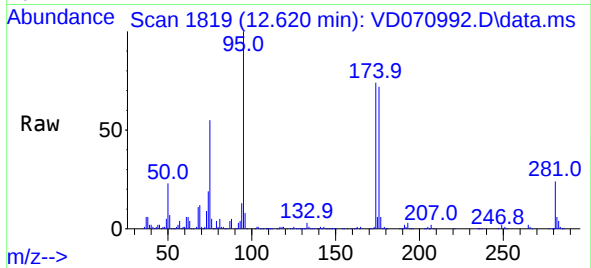
Tgt Ion: 75 Resp: 189104
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.767 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD070992.D
Acq: 11 Nov 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 189104
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.1 34.5 51.7#

