

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070164.D
 Acq On : 19 Aug 2021 13:26
 Operator : VA/SY
 Sample : M3435-11RE
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

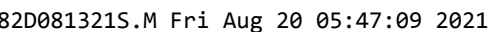
Quant Time: Aug 20 05:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

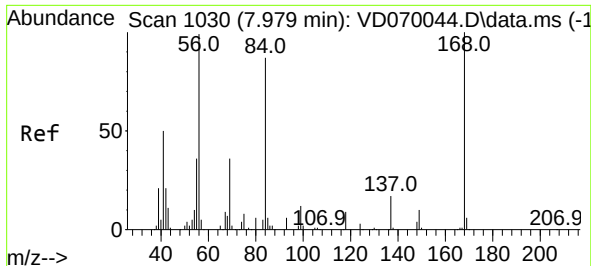
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	433921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	299636	58.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.420%
35) Dibromofluoromethane	7.914	113	293398	55.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.338	98	1016960	49.228	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.626	95	248367	36.501	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1202	Below Cal		79
3) Chloromethane	2.215	50	1421	Below Cal	#	73
5) Bromomethane	2.779	94	2181	Below Cal		84
11) Tert butyl alcohol	5.238	59	462	1.638 ug/l	#	71
16) Acetone	4.167	43	8751	9.308 ug/l		97
20) Methylene Chloride	4.944	84	2720	Below Cal	#	57
25) 2-Butanone	7.220	43	2468	1.921 ug/l	#	44
31) Cyclohexane	7.973	56	11484	1.137 ug/l	#	24
38) Carbon Tetrachloride	7.979	117	46491	5.790 ug/l	#	14
76) 1,2,3-Trichloropropane	12.626	75	122361	60.235 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	122361	156.349 ug/l	#	18

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

Quant Time: Aug 20 05:47:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

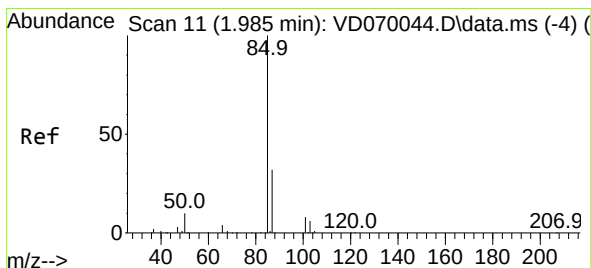
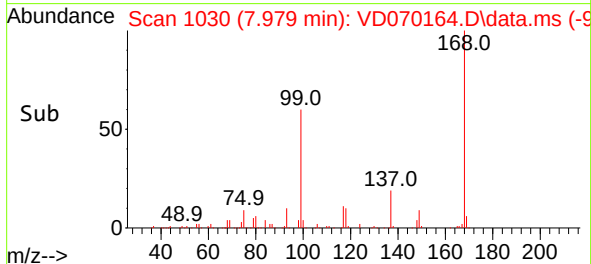
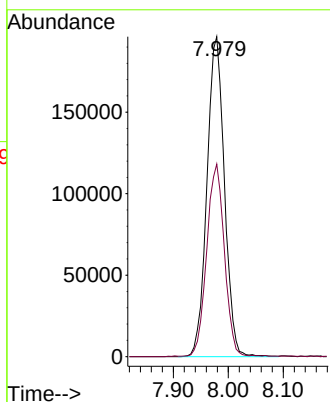
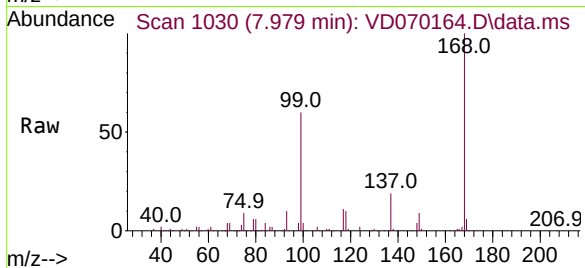




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

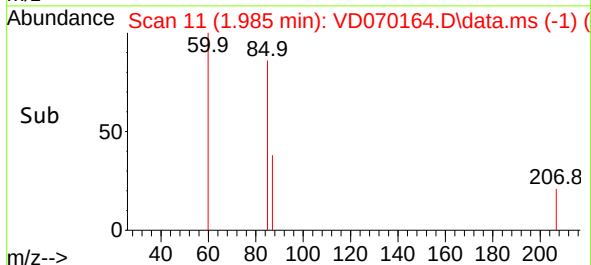
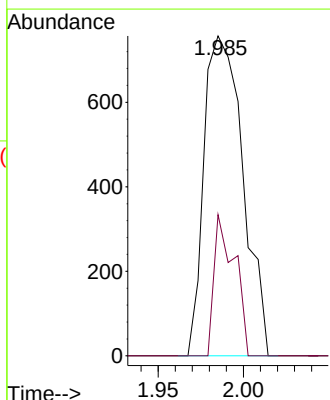
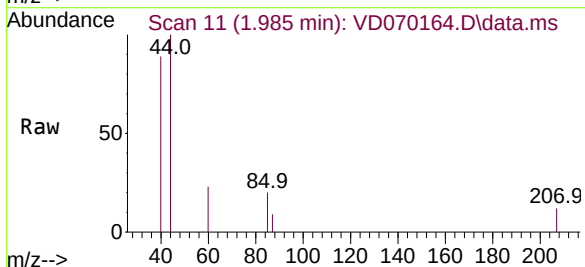
Instrument :
MSVOA_D
ClientSampled :

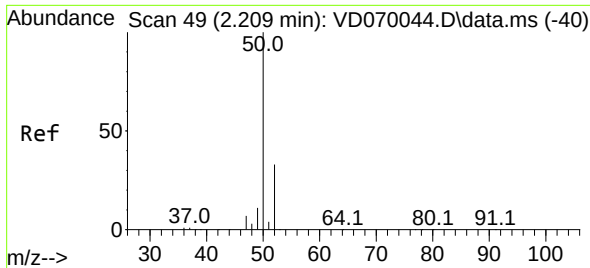
Tgt Ion:168 Resp: 433921
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 85 Resp: 1202
Ion Ratio Lower Upper
85 100
87 44.1 16.2 48.6

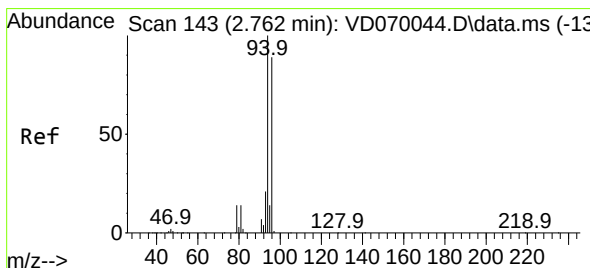
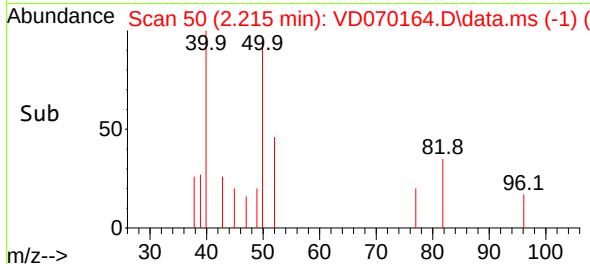
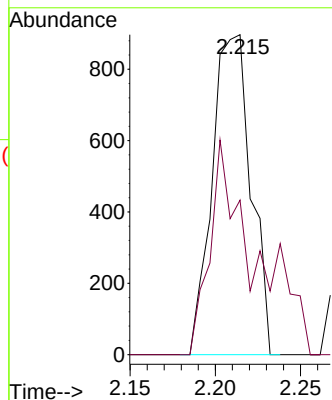
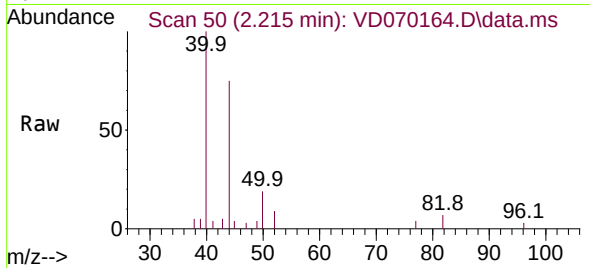




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

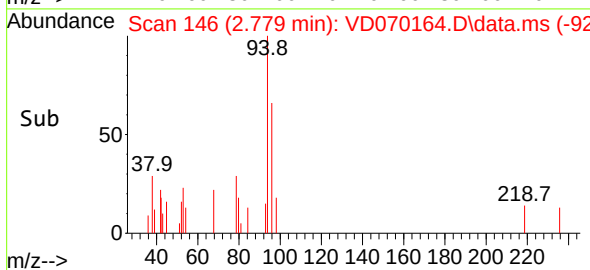
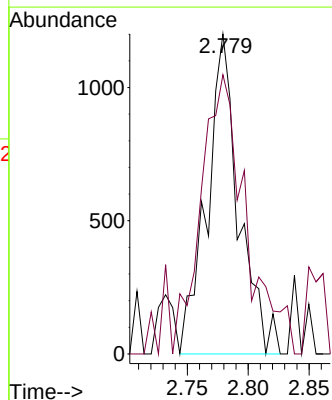
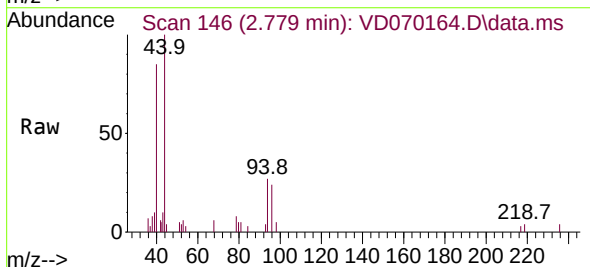
Instrument :
MSVOA_D
ClientSampled :

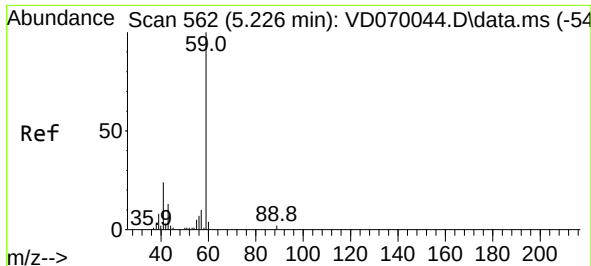
Tgt Ion: 50 Resp: 1421
Ion Ratio Lower Upper
50 100
52 48.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 94 Resp: 2181
Ion Ratio Lower Upper
94 100
96 74.1 70.9 106.3

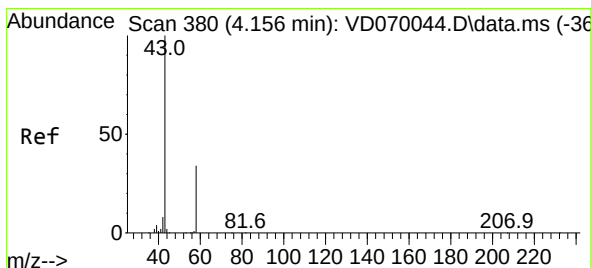
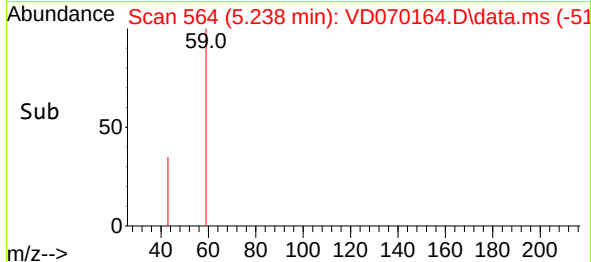
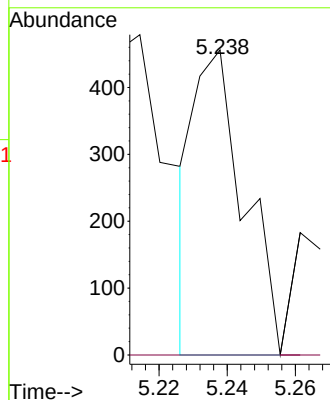
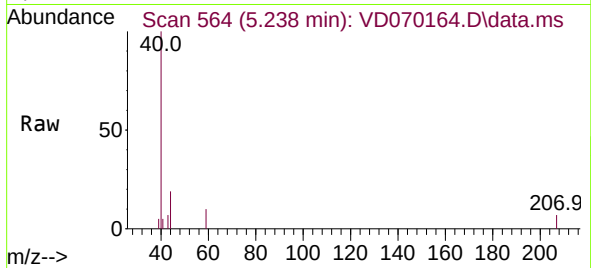




#11
Tert butyl alcohol
Concen: 1.638 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

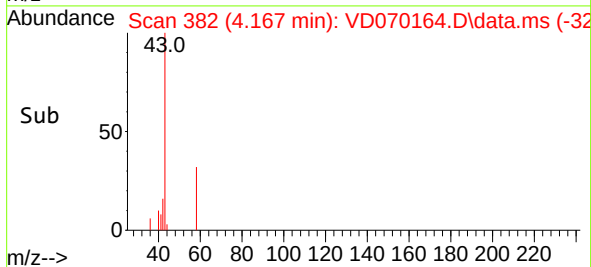
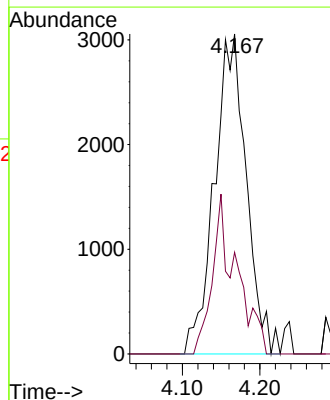
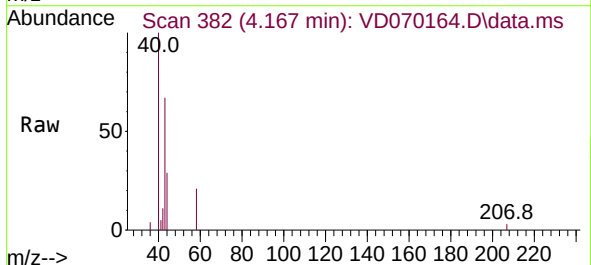
Instrument :
MSVOA_D
ClientSampled :

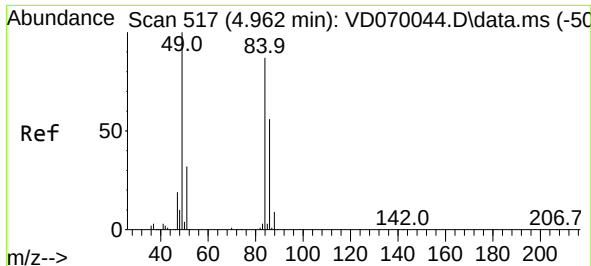
Tgt Ion: 59 Resp: 462
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 9.308 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

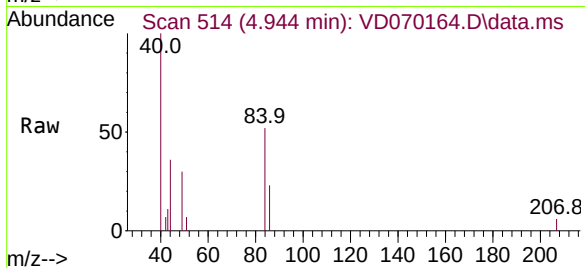
Tgt Ion: 43 Resp: 8751
Ion Ratio Lower Upper
43 100
58 31.8 26.8 40.2



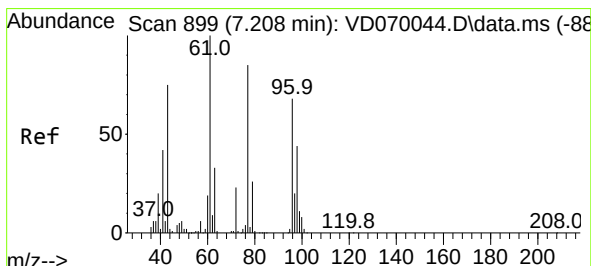
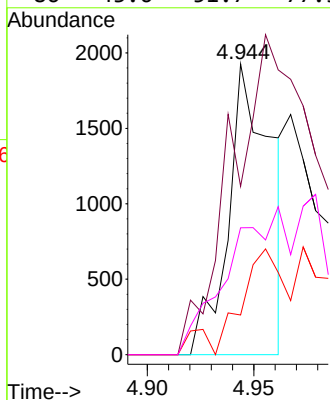
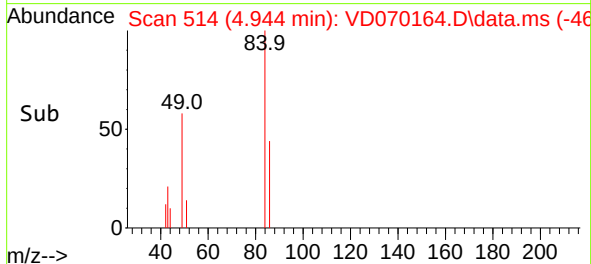


#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

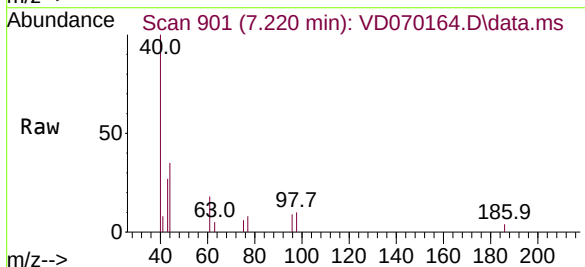
Instrument :
MSVOA_D
ClientSampled :



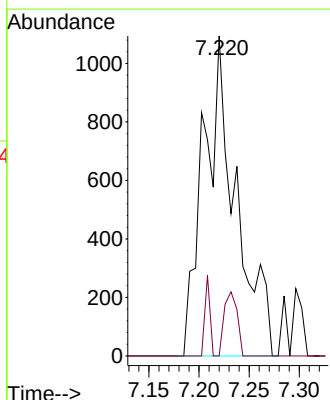
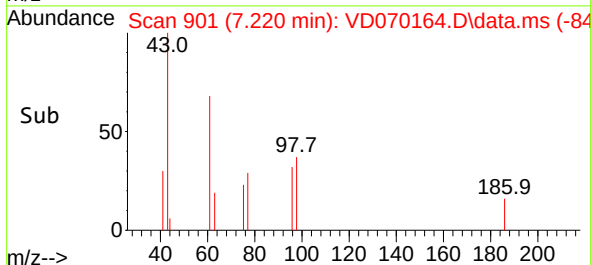
Tgt Ion: 84 Resp: 2720
Ion Ratio Lower Upper
84 100
49 57.9 92.5 138.7#
51 13.6 29.7 44.5#
86 43.6 51.7 77.5#

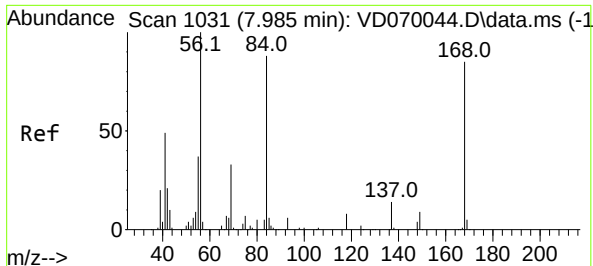


#25
2-Butanone
Concen: 1.921 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26



Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
72 0.0 24.2 36.4#





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.973 min Scan# 1029

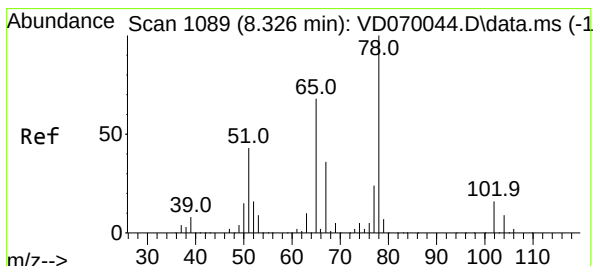
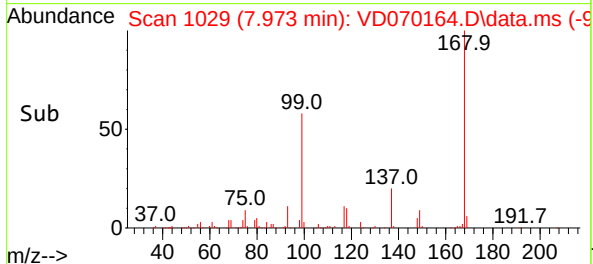
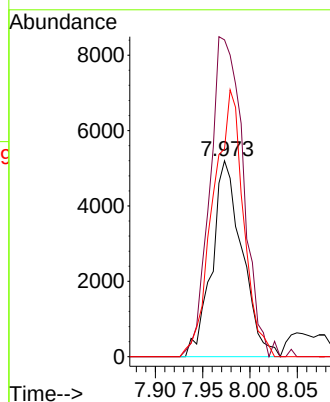
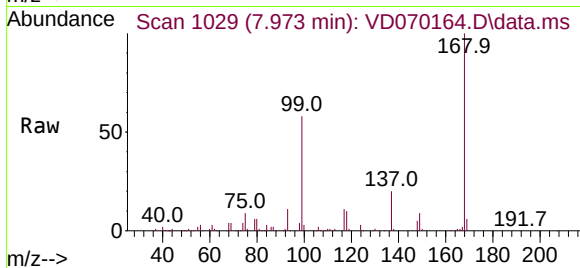
Delta R.T. -0.012 min

Lab File: VD070164.D

Acq: 19 Aug 2021 13:26

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	56	Resp:	11484
Ion	Ratio	Lower	Upper
56	100		
69	161.7	26.7	40.1#
84	106.1	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 58.711 ug/l

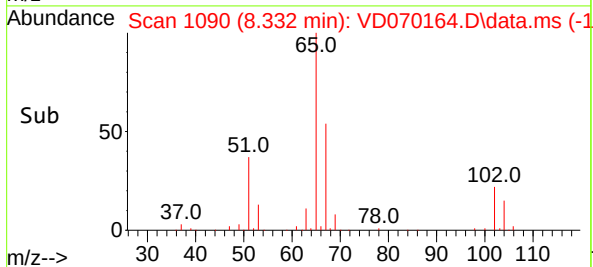
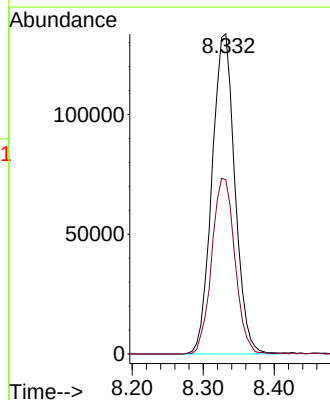
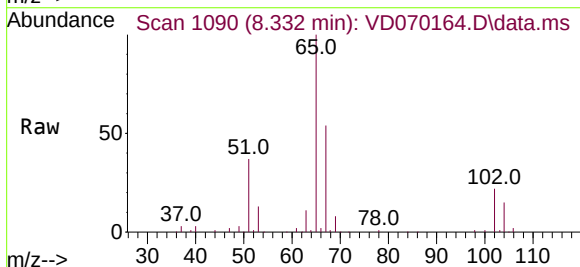
RT: 8.332 min Scan# 1090

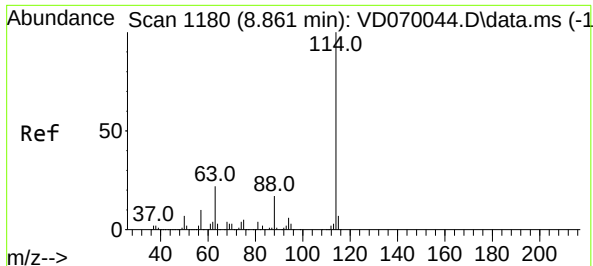
Delta R.T. 0.006 min

Lab File: VD070164.D

Acq: 19 Aug 2021 13:26

Tgt Ion:	65	Resp:	299636
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070164.D

Acq: 19 Aug 2021 13:26

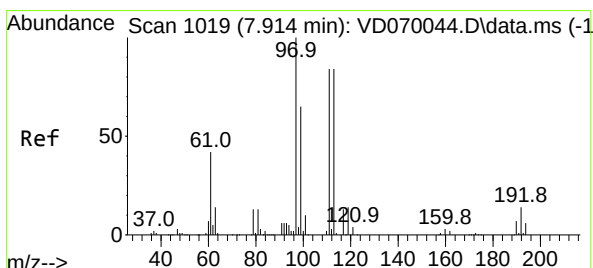
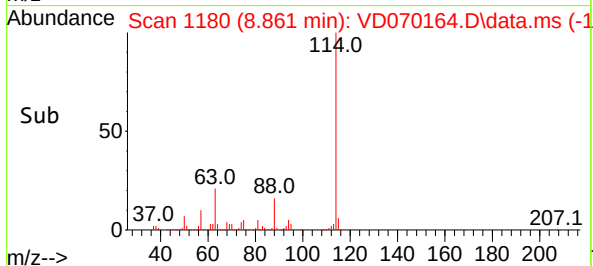
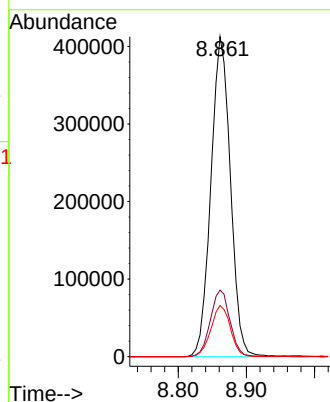
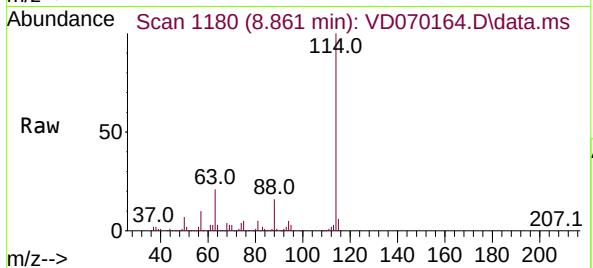
Tgt Ion:114 Resp: 822110

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.6

88 16.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 55.240 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070164.D

Acq: 19 Aug 2021 13:26

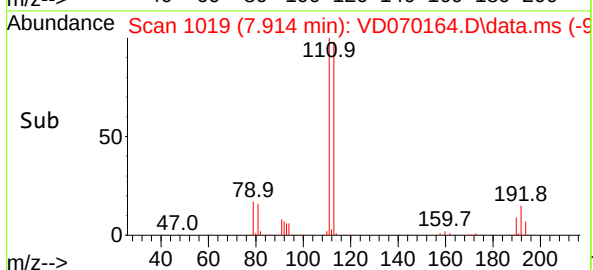
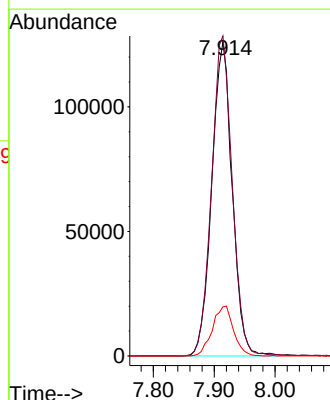
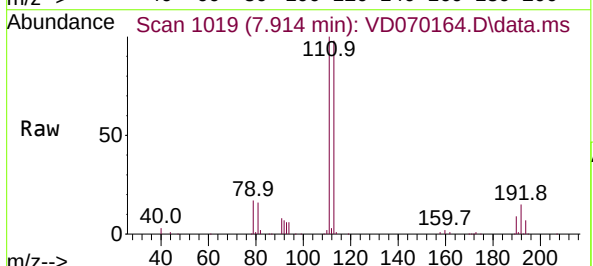
Tgt Ion:113 Resp: 293398

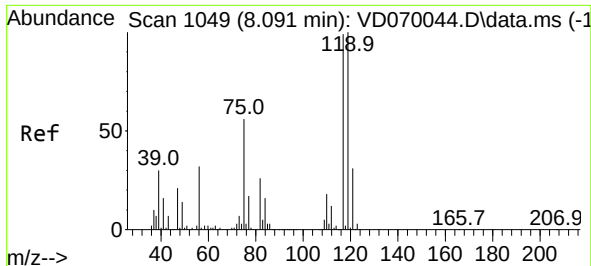
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

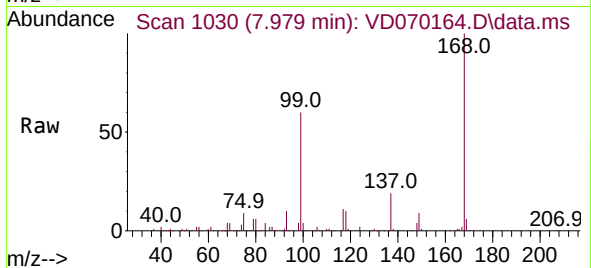
192 16.4 13.2 19.8



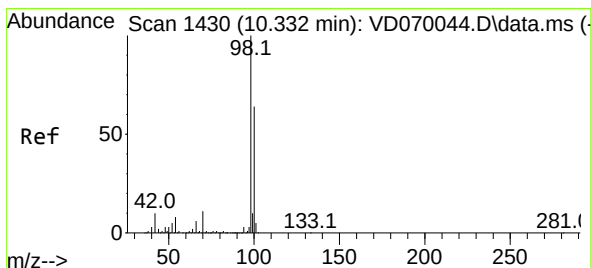
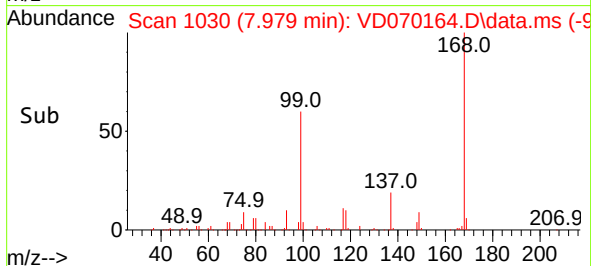
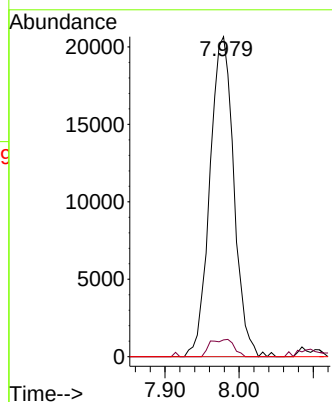


#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Instrument :
MSVOA_D
ClientSampleId :

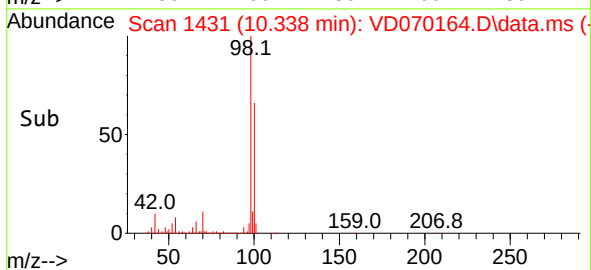
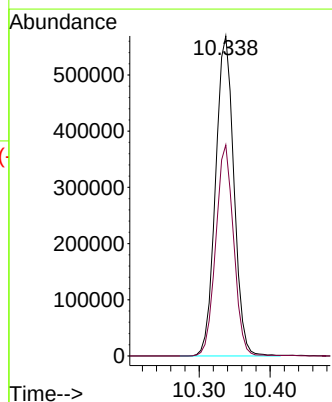
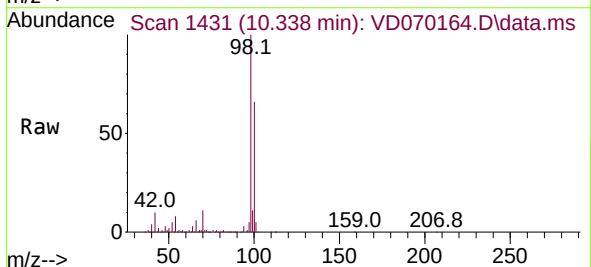


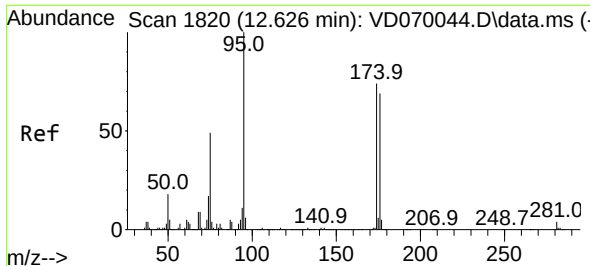
Tgt Ion:117 Resp: 46491
Ion Ratio Lower Upper
117 100
119 5.3 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 98 Resp: 1016960
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

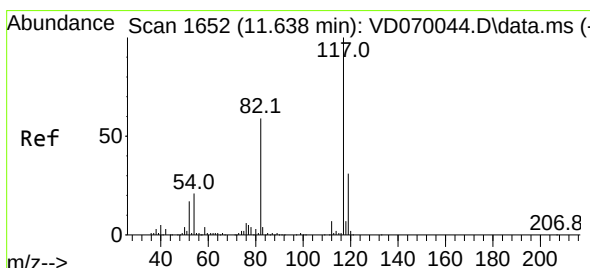
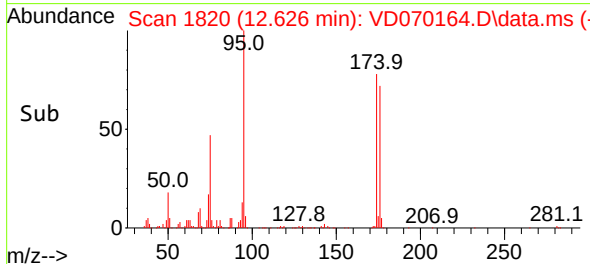
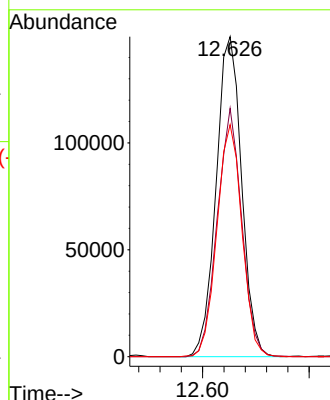
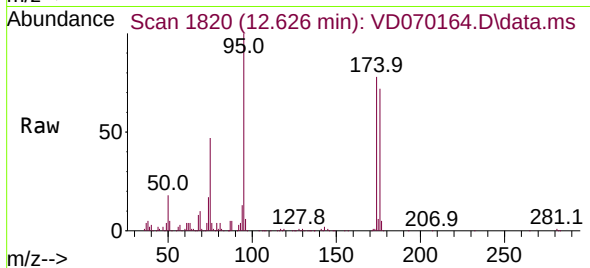




#62
4-Bromofluorobenzene
Concen: 36.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

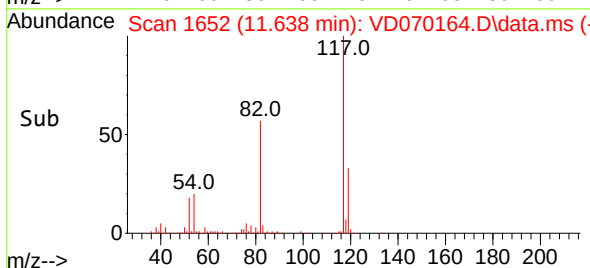
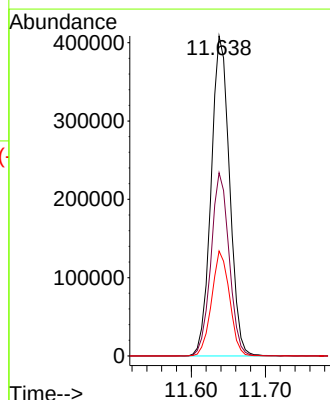
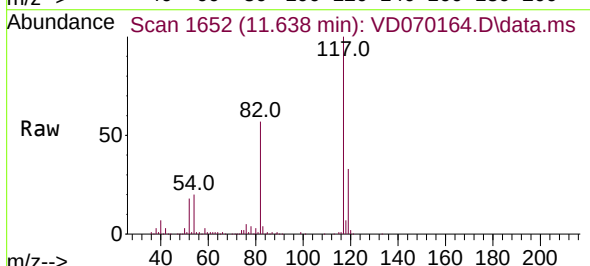
Instrument :
MSVOA_D
ClientSampleId :

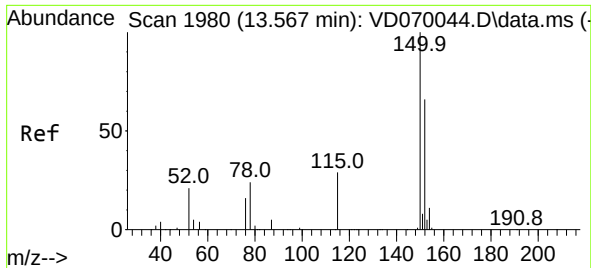
Tgt Ion: 95 Resp: 248367
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 71.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 117 Resp: 704218
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.8 25.1 37.7

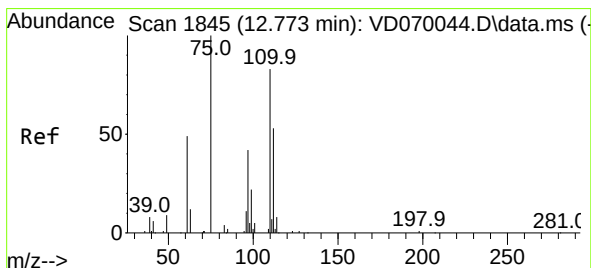
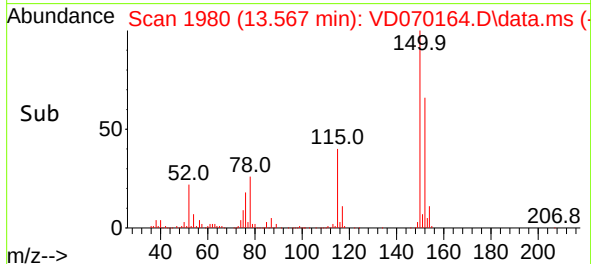
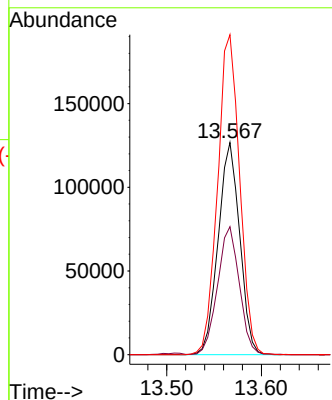
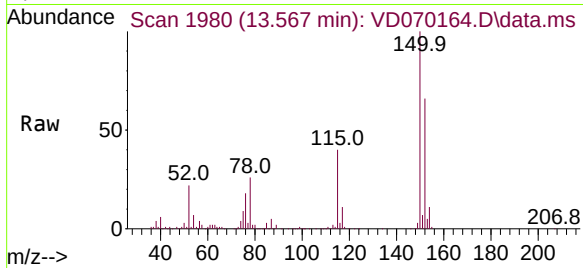




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070164.D
 Acq: 19 Aug 2021 13:26

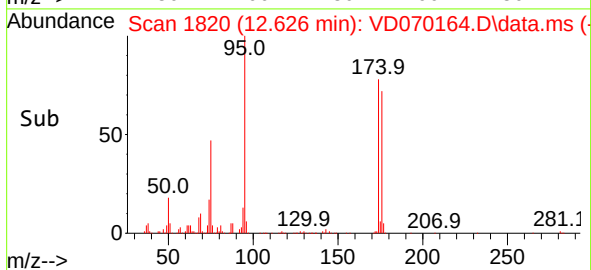
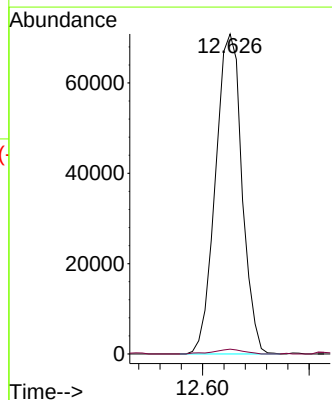
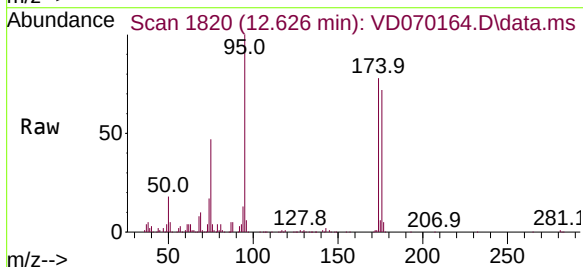
Instrument :
 MSVOA_D
 ClientSampled :

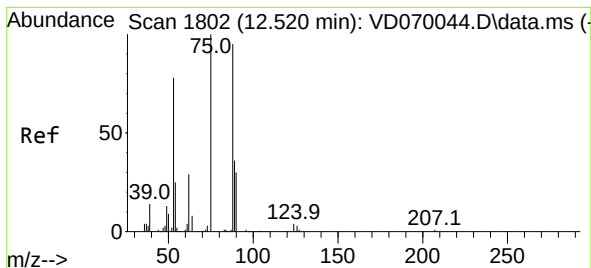
Tgt Ion:152 Resp: 200306
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.2 93.6
 150 154.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 60.235 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070164.D
 Acq: 19 Aug 2021 13:26

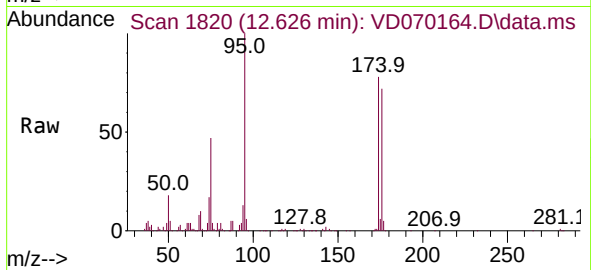
Tgt Ion: 75 Resp: 122361
 Ion Ratio Lower Upper
 75 100
 77 1.7 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.349 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070164.D
 Acq: 19 Aug 2021 13:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 122361
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.5 96.7#
 89 0.0 33.7 50.5#

