

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068991.D
 Acq On : 26 Apr 2021 16:29
 Operator : VA/SY
 Sample : M2170-04
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

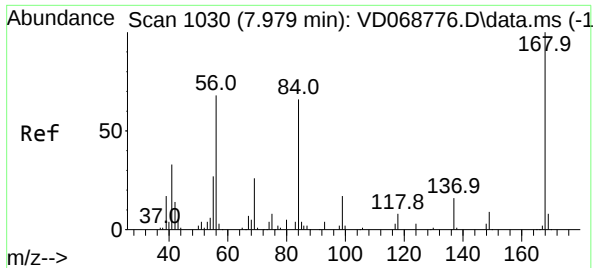
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	271047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	474822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	571915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	282686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	123885	43.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.50%
35) Dibromofluoromethane	7.914	113	156038	50.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.04%
50) Toluene-d8	10.343	98	610890	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.86%
62) 4-Bromofluorobenzene	12.631	95	261305	67.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.06%
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	517	1.30	ug/l #	40
20) Methylene Chloride	4.973	84	5631	Below	Cal	93
31) Cyclohexane	7.979	56	5329	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	20706	4.31	ug/l #	50
38) Carbon Tetrachloride	7.979	117	26626	5.60	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	1773	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	130860	50.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	130860	117.59	ug/l #	16

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

Quant Time: Apr 27 07:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

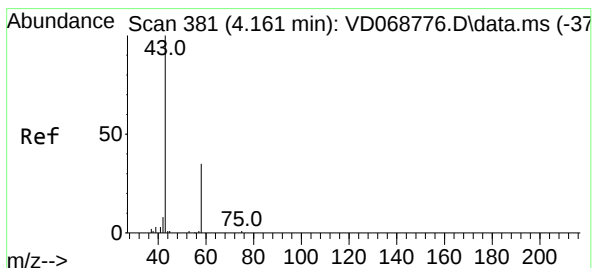
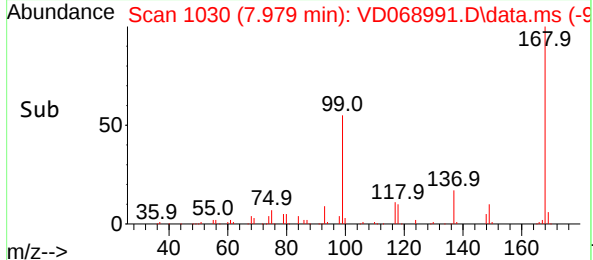
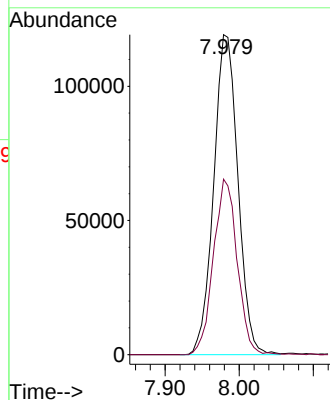
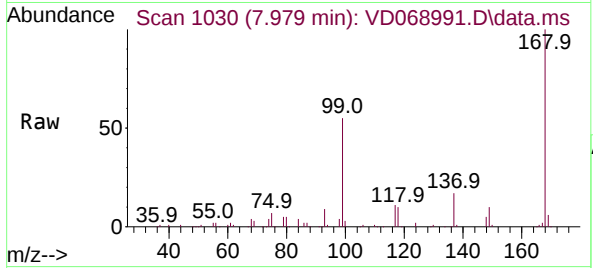




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

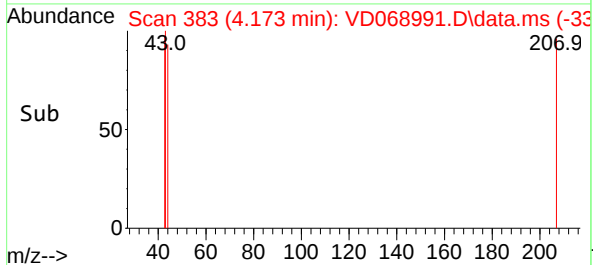
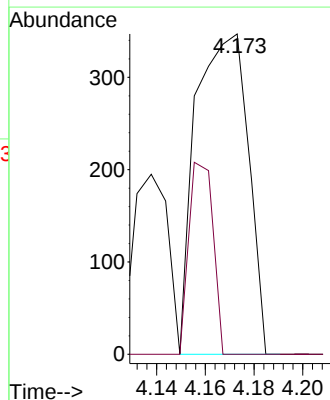
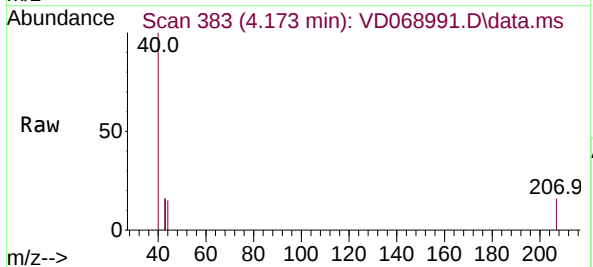
Instrument :
MSVOA_D
ClientSampled :

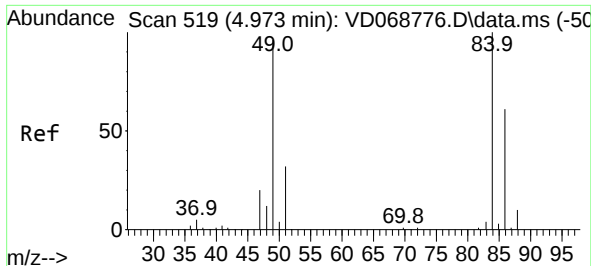
Tgt Ion:168 Resp: 271047
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#16
Acetone
Concen: 1.30 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

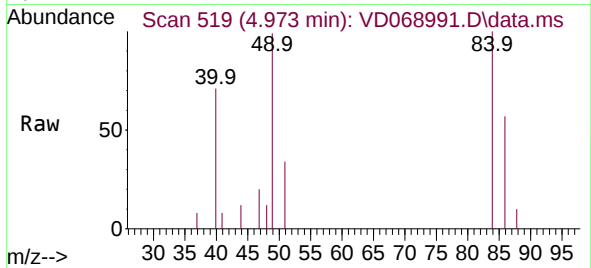
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



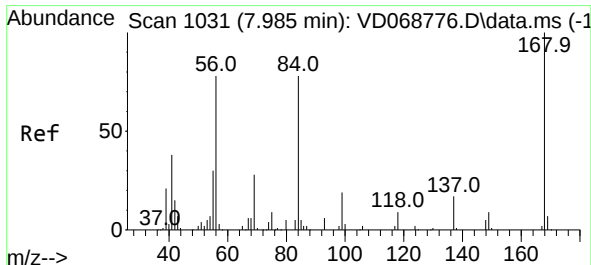
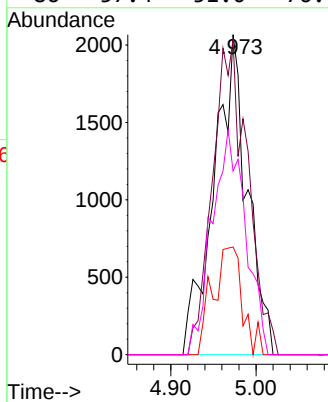
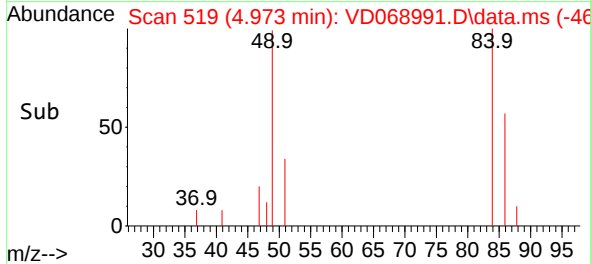


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

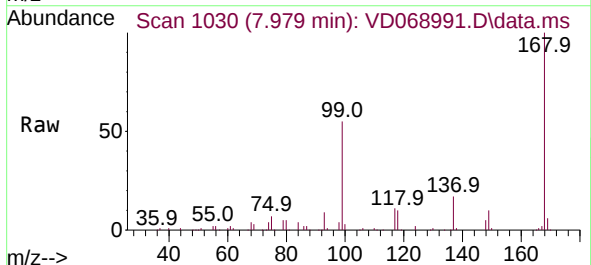
Instrument :
MSVOA_D
ClientSampleId :



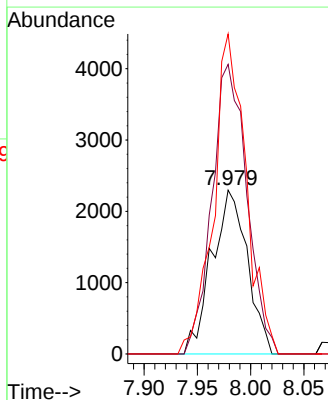
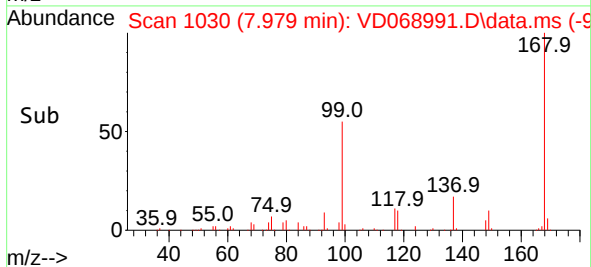
Tgt Ion:	84	Resp:	5631
Ion	Ratio	Lower	Upper
84	100		
49	98.5	83.4	125.0
51	33.7	23.4	35.2
86	57.4	51.0	76.4

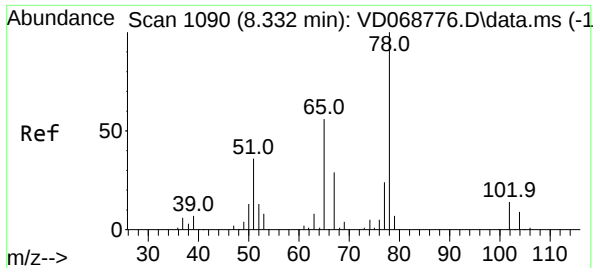


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29



Tgt Ion:	56	Resp:	5329
Ion	Ratio	Lower	Upper
56	100		
69	176.8	30.0	45.0#
84	195.4	82.0	123.0#

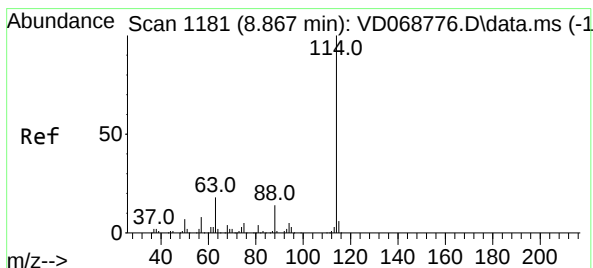
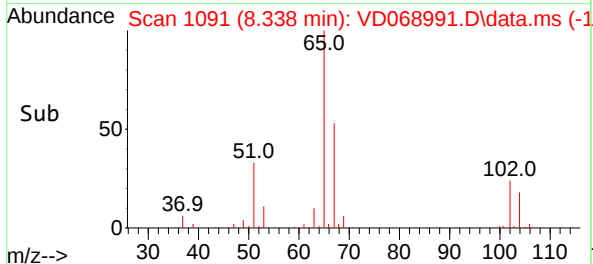
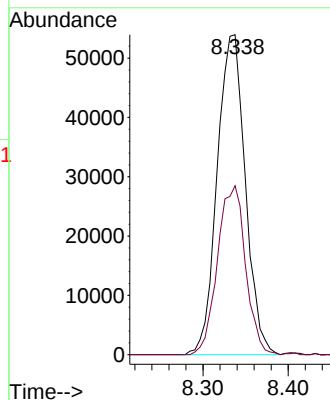
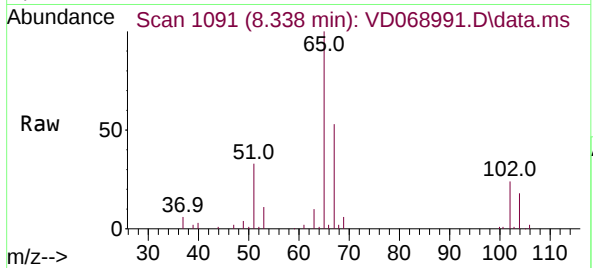




#33
1,2-Dichloroethane-d4
Concen: 43.25 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

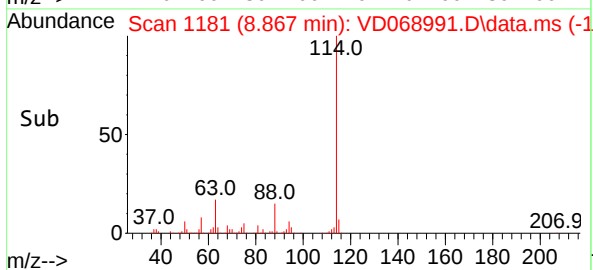
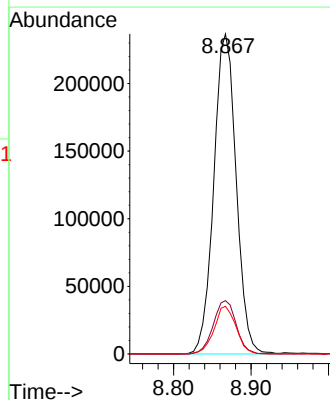
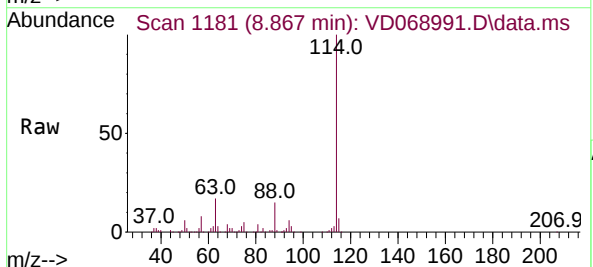
Instrument :
MSVOA_D
ClientSampled :

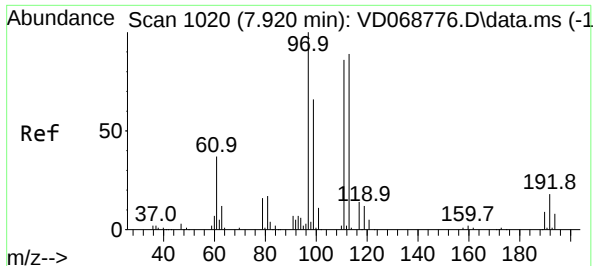
Tgt Ion: 65 Resp: 123885
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion: 114 Resp: 474822
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.2
88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.52 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068991.D

Acq: 26 Apr 2021 16:29

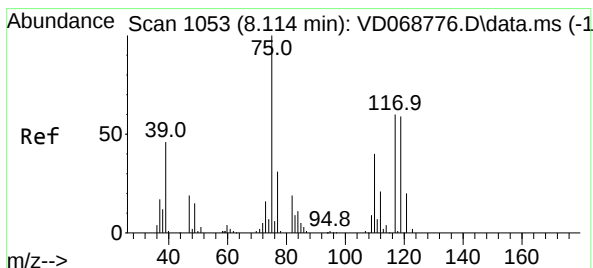
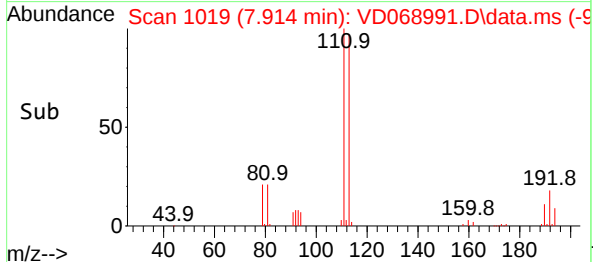
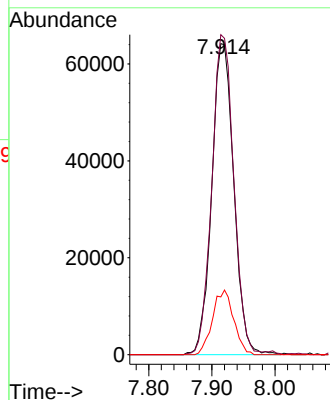
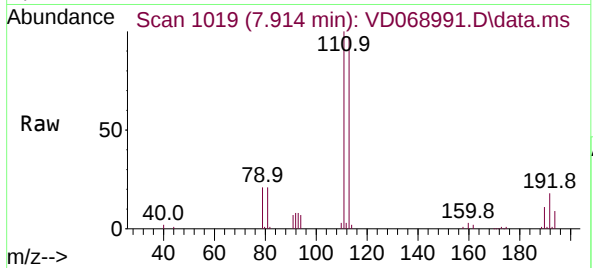
Tgt Ion:113 Resp: 156038

Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

192 19.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.31 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068991.D

Acq: 26 Apr 2021 16:29

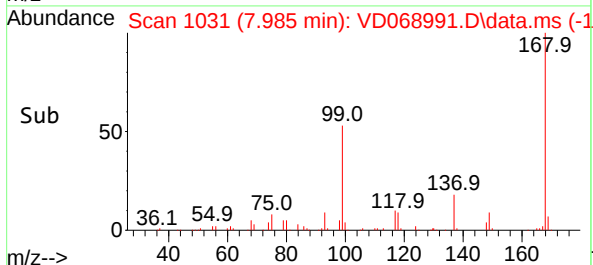
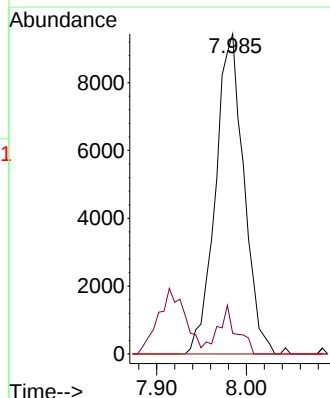
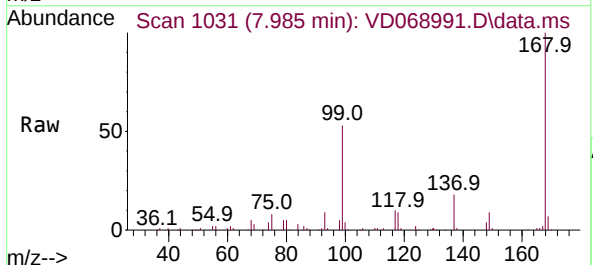
Tgt Ion: 75 Resp: 20706

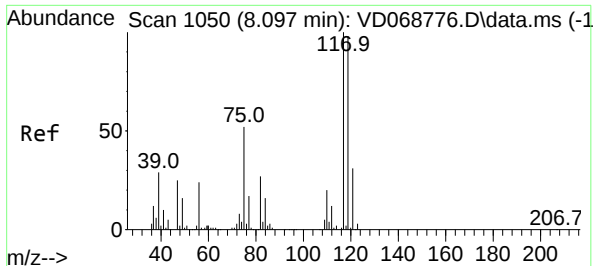
Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

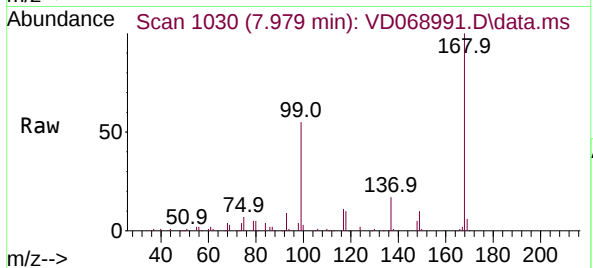
77 0.0 24.7 37.1#



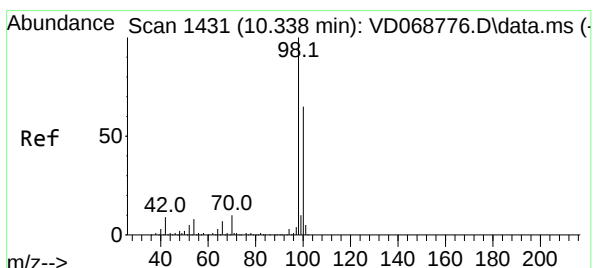
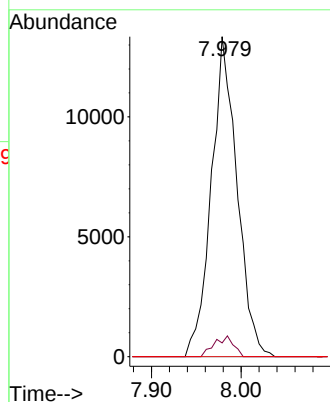
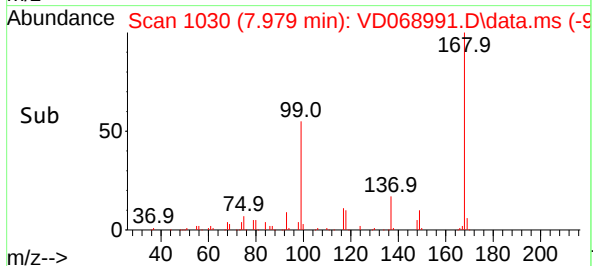


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

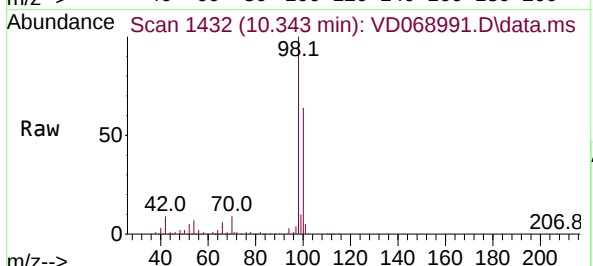
Instrument :
MSVOA_D
ClientSampled :



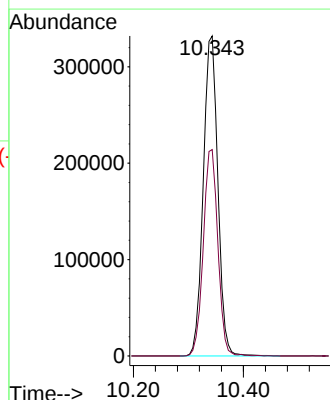
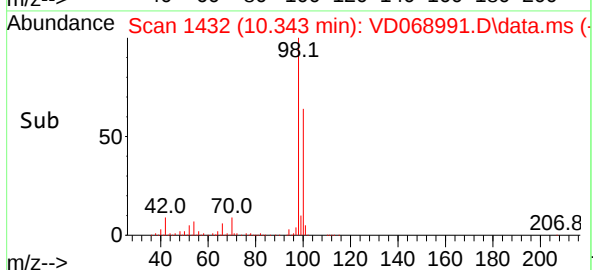
Tgt Ion:117 Resp: 26626
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 26.1 39.1#

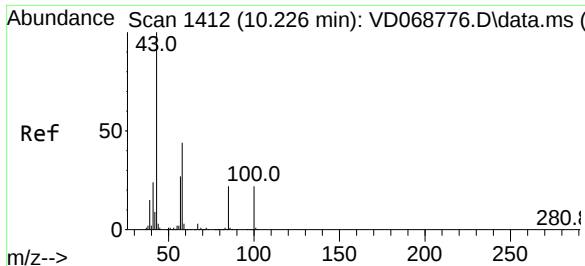


#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29



Tgt Ion: 98 Resp: 610890
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

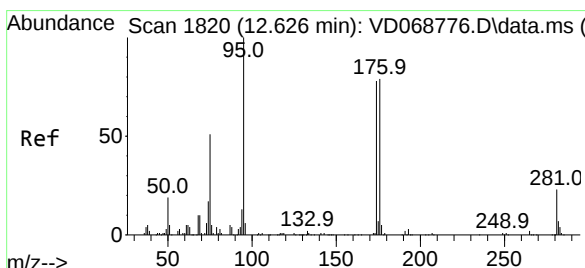
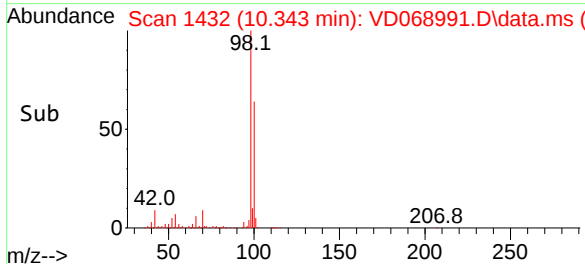
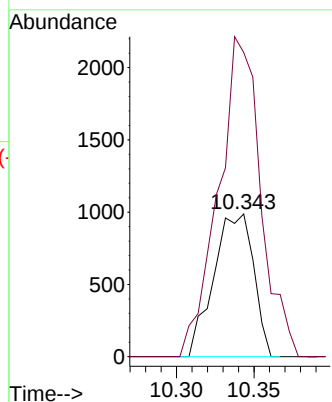
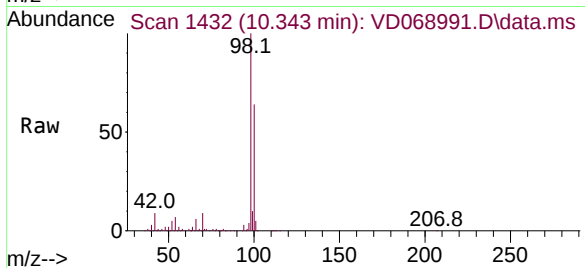




#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

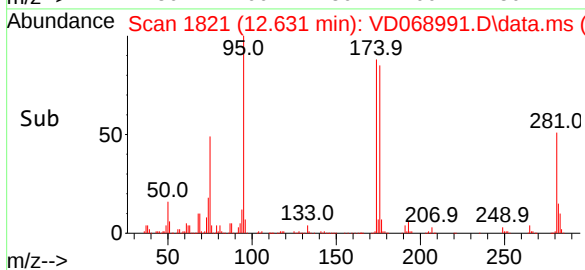
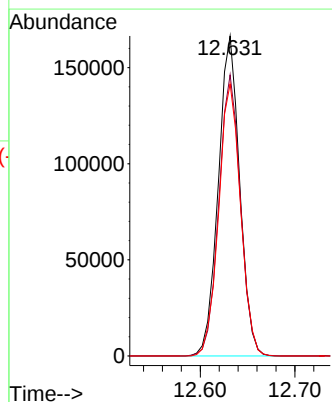
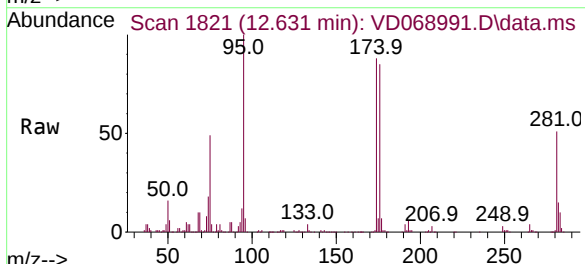
Instrument :
MSVOA_D
ClientSampled :

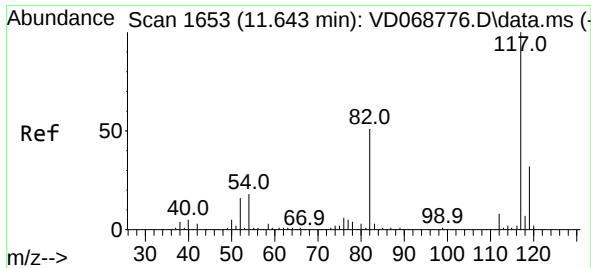
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 237.1 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 67.53 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion: 95 Resp: 261305
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 86.7 0.0 160.2

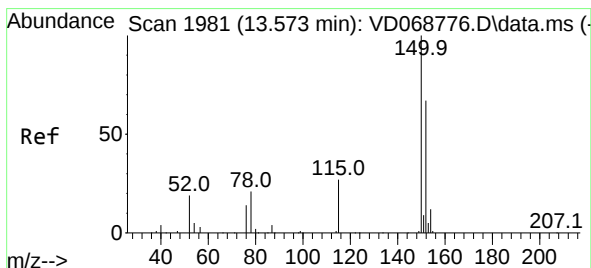
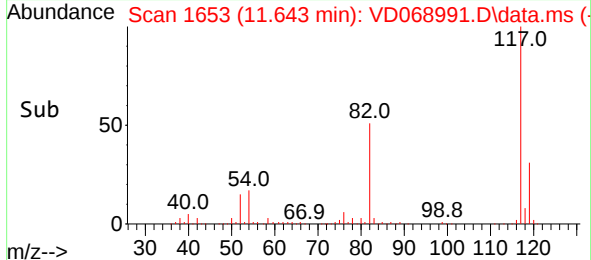
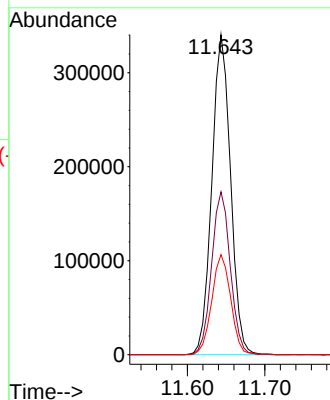
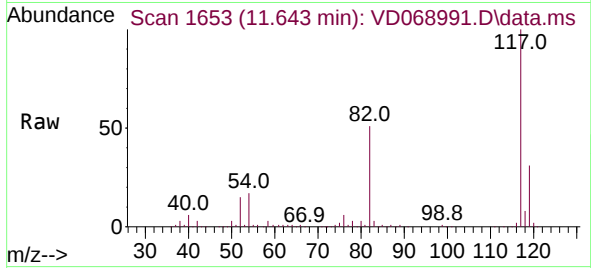




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

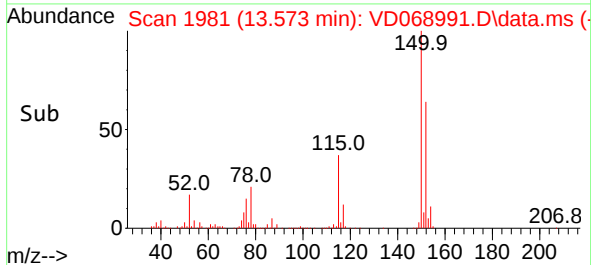
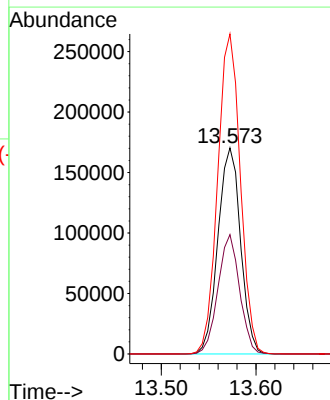
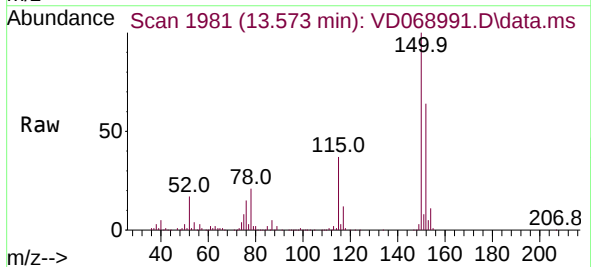
Instrument :
MSVOA_D
ClientSampleId :

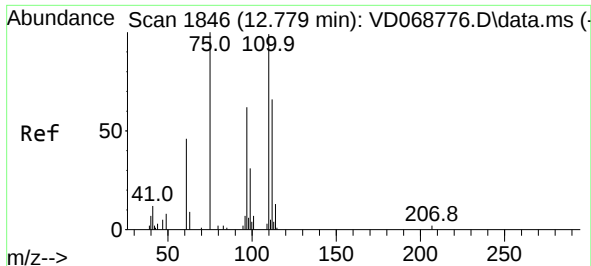
Tgt Ion:117 Resp: 571915
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion:152 Resp: 282686
Ion Ratio Lower Upper
152 100
115 55.5 29.3 87.8
150 155.4 0.0 347.6

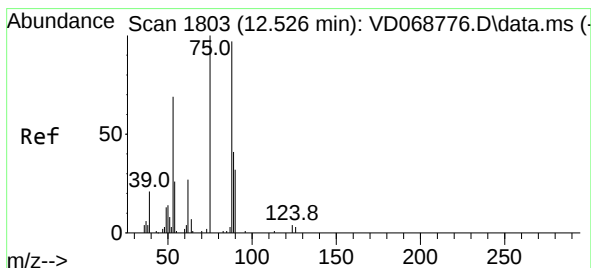
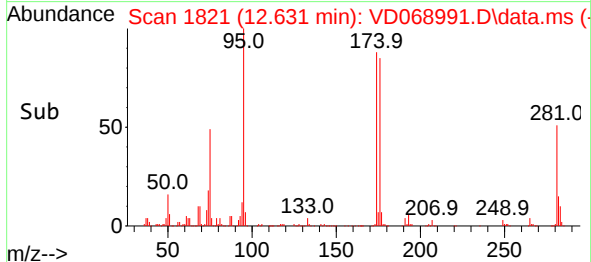
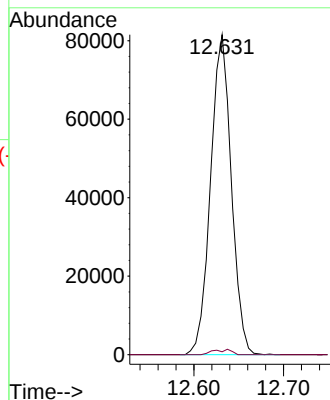
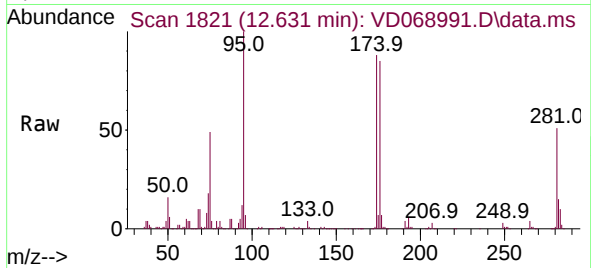




#76
1,2,3-Trichloropropane
Concen: 50.67 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 130860
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.59 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.105 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion: 75 Resp: 130860
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.5 36.6 54.8#

