

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069026.D
 Acq On : 29 Apr 2021 18:55
 Operator : VA/SY
 Sample : M2217-11
 Misc : 4.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:07 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

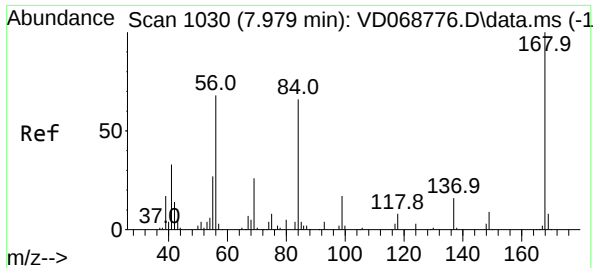
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	290861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	487912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	600766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	317793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	117968	38.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.76%
35) Dibromofluoromethane	7.920	113	151477	47.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.46%
50) Toluene-d8	10.338	98	620186	51.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.60%
62) 4-Bromofluorobenzene	12.632	95	273145	68.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.40%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	484	2.38	ug/l #	41
11) Tert butyl alcohol	5.197	59	2658	Below Cal	#	73
16) Acetone	4.168	43	3425	8.05	ug/l #	86
31) Cyclohexane	7.991	56	7519	1.47	ug/l #	62
58) 2-Chloroethyl Vinyl ether	9.961	63	467	17.28	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	130698	45.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	130698	104.47	ug/l #	16

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

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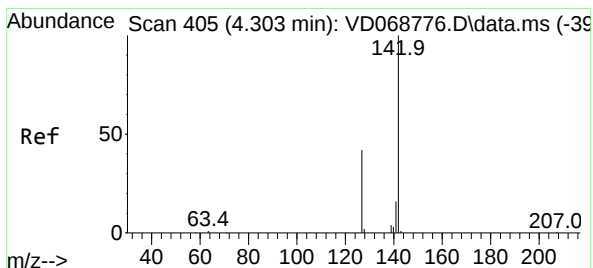
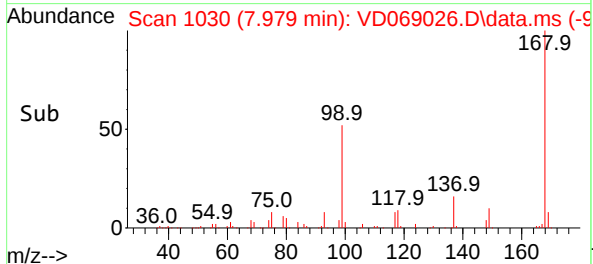
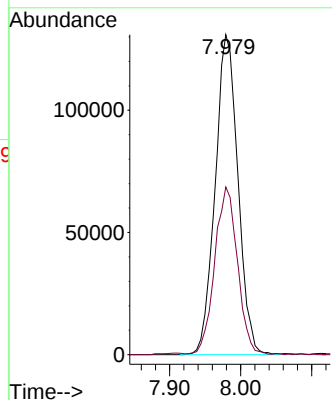
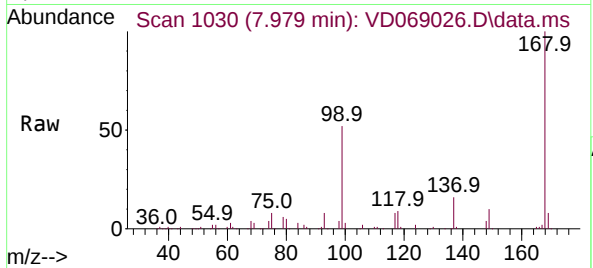




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

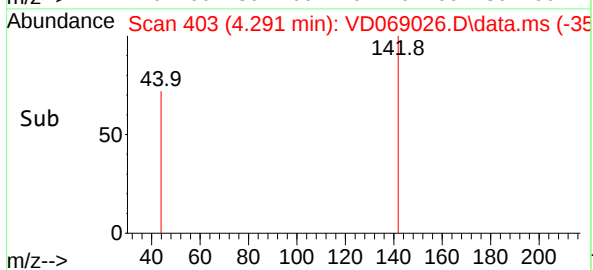
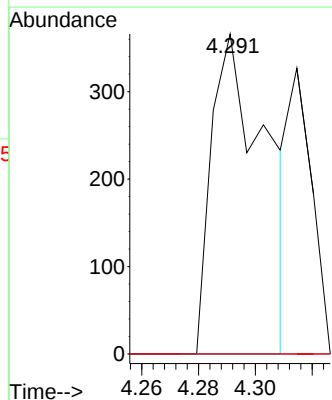
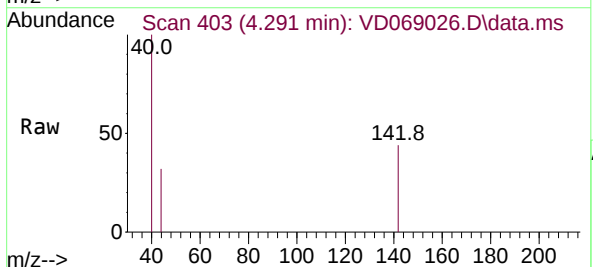
Instrument :
MSVOA_D
ClientSampleId :

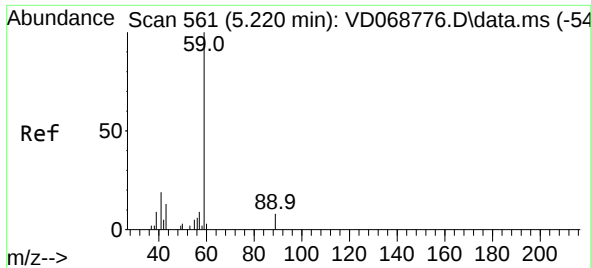
Tgt Ion:168 Resp: 290861
Ion Ratio Lower Upper
168 100
99 52.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.38 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

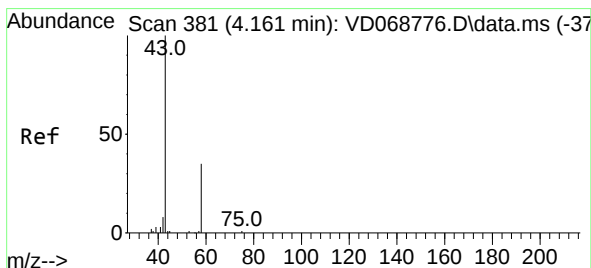
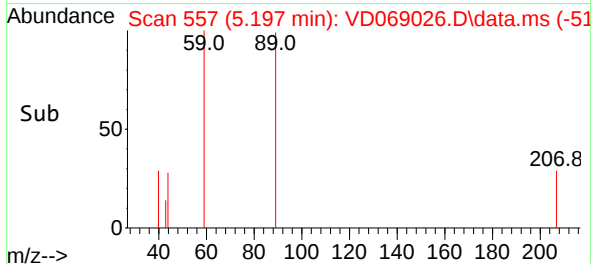
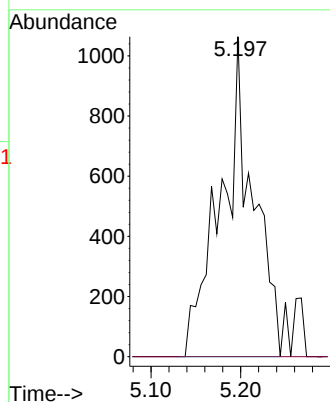
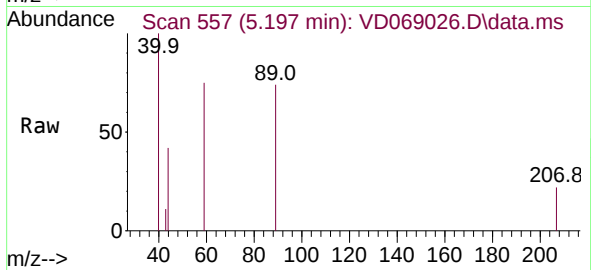




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

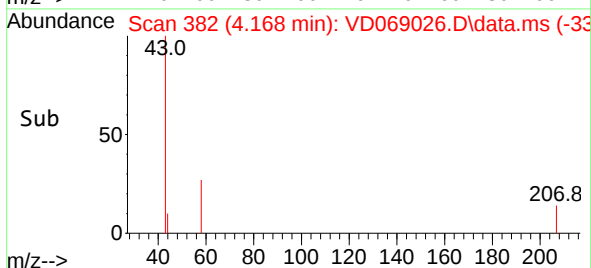
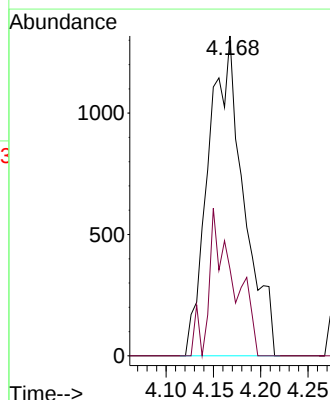
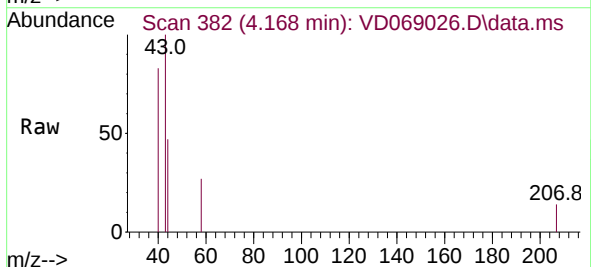
Instrument :
MSVOA_D
ClientSampleId :

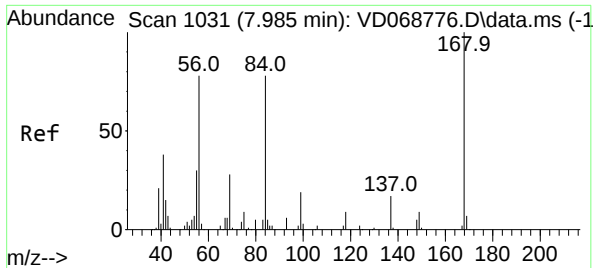
Tgt Ion: 59 Resp: 2658
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 8.05 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
58 27.2 28.0 42.0#

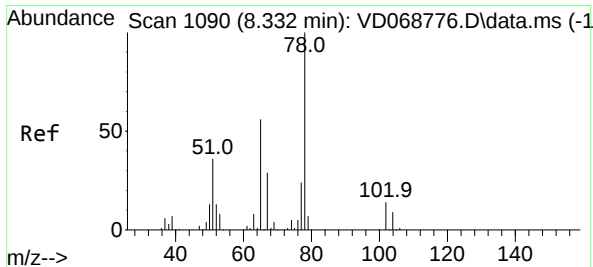
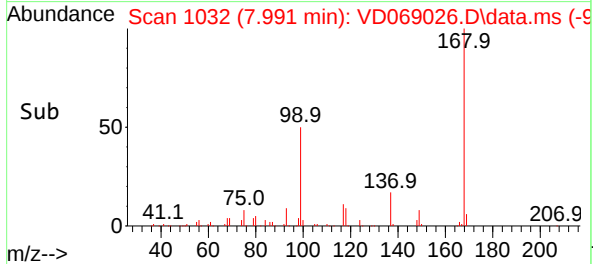
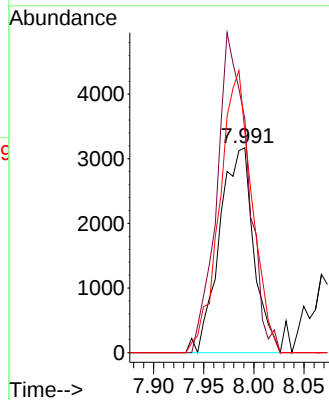
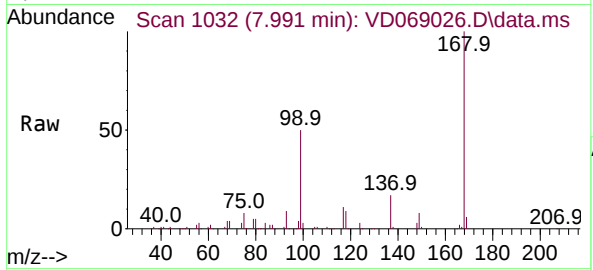




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

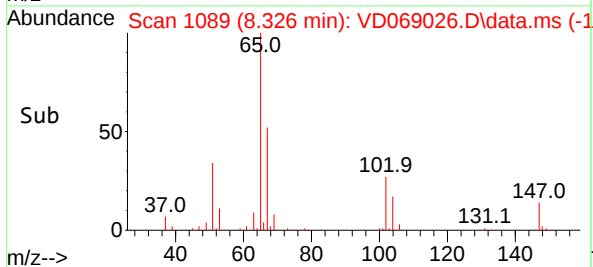
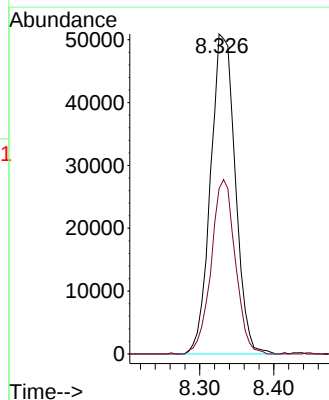
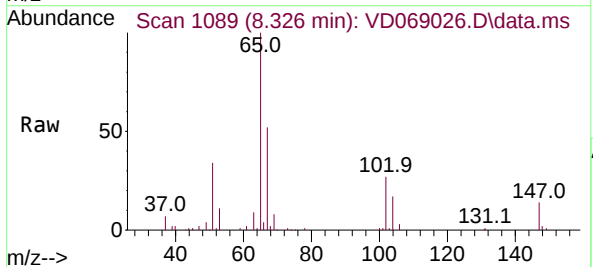
Instrument :
MSVOA_D
ClientSampled :

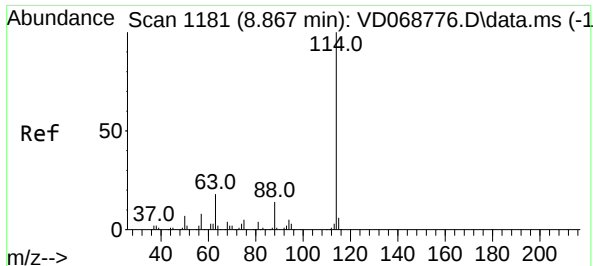
Tgt Ion: 56 Resp: 7519
Ion Ratio Lower Upper
56 100
69 114.0 30.0 45.0#
84 107.5 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 38.38 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion: 65 Resp: 117968
Ion Ratio Lower Upper
65 100
67 53.1 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: VD069026.D

Acq: 29 Apr 2021 18:55

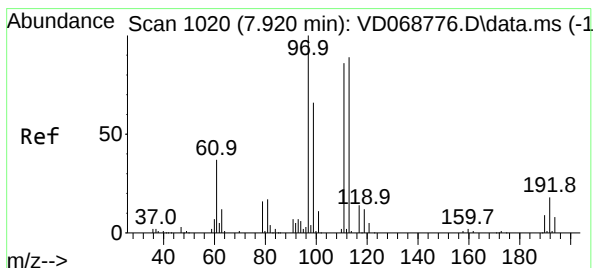
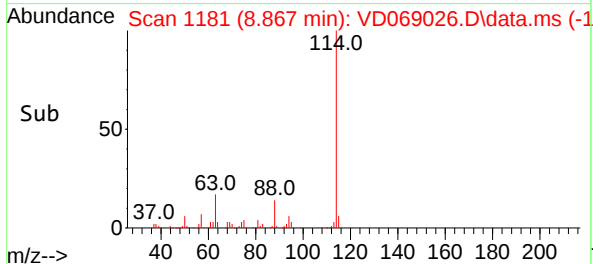
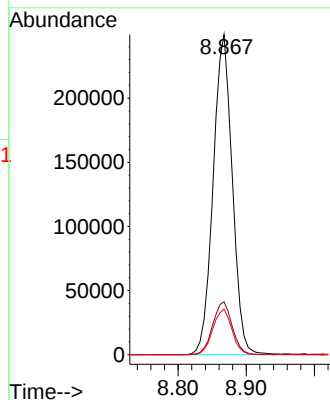
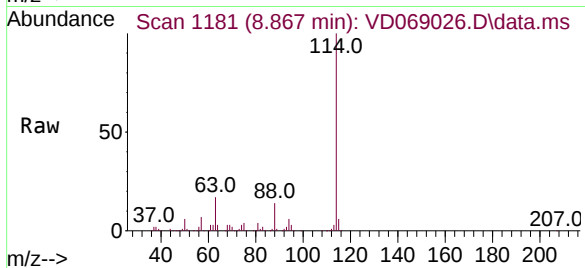
Tgt Ion:114 Resp: 487912

Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.2

88 14.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.73 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069026.D

Acq: 29 Apr 2021 18:55

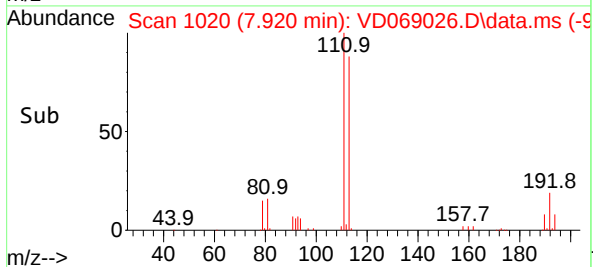
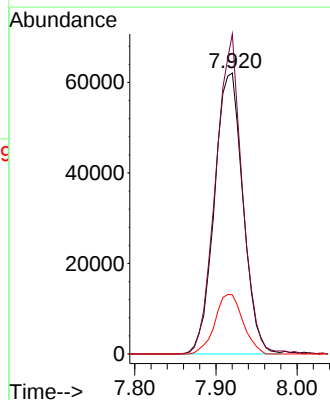
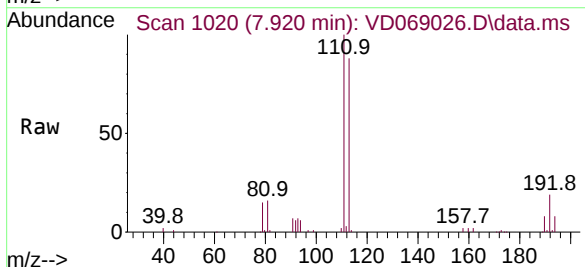
Tgt Ion:113 Resp: 151477

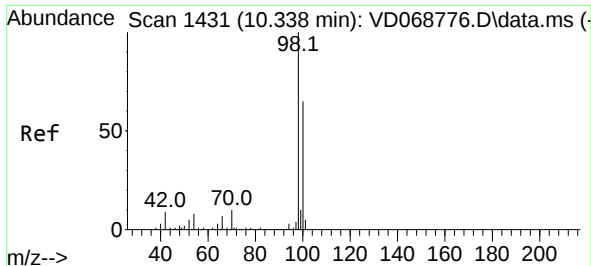
Ion Ratio Lower Upper

113 100

111 105.8 82.5 123.7

192 20.9 15.1 22.7

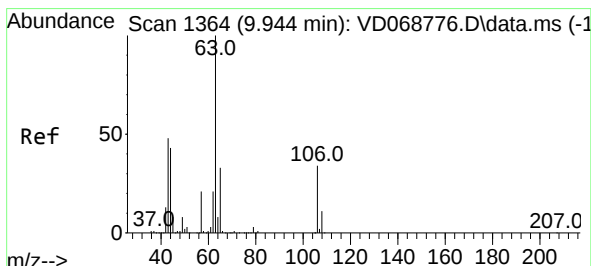
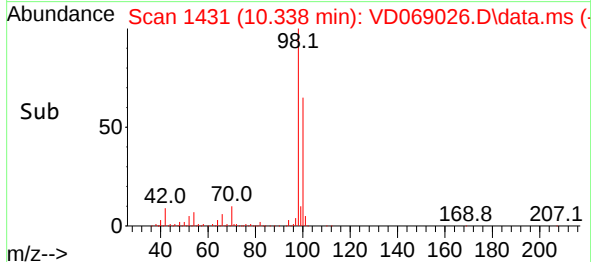
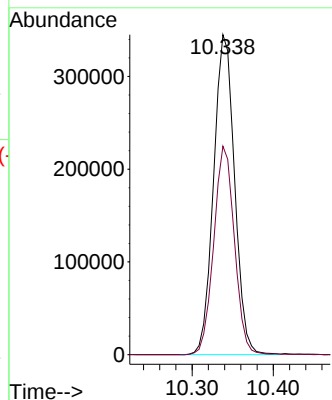
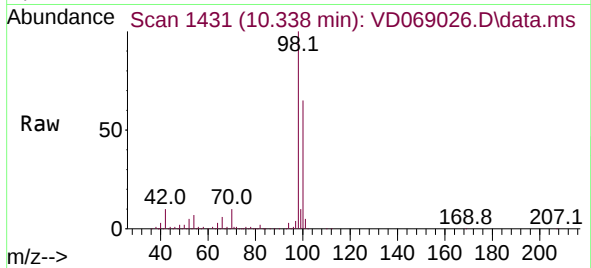




#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

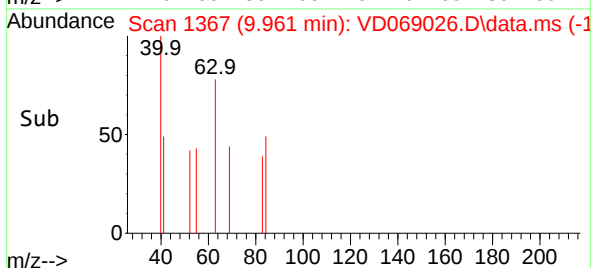
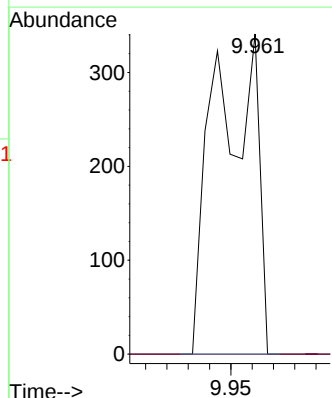
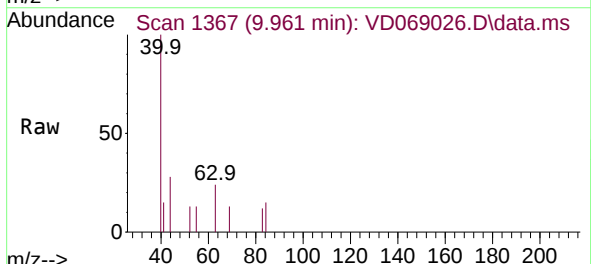
Instrument :
MSVOA_D
ClientSampleId :

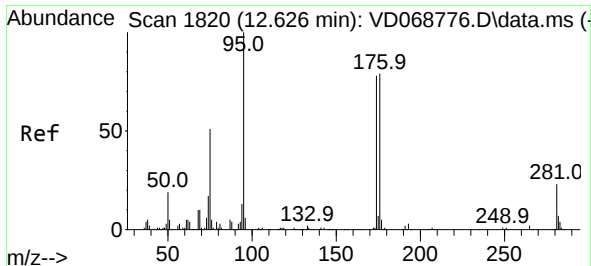
Tgt Ion: 98 Resp: 620186
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.28 ug/l
RT: 9.961 min Scan# 1367
Delta R.T. 0.017 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion: 63 Resp: 467
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

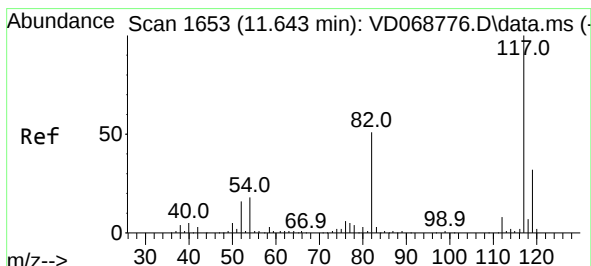
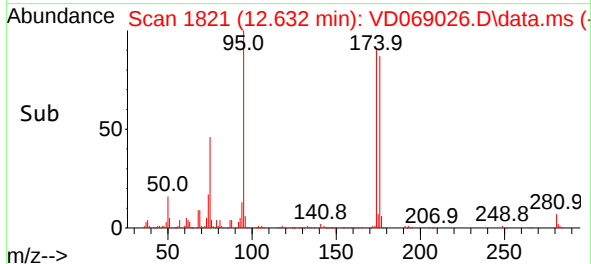
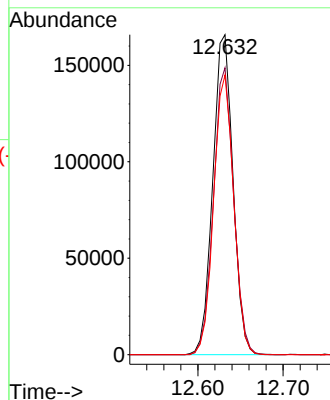
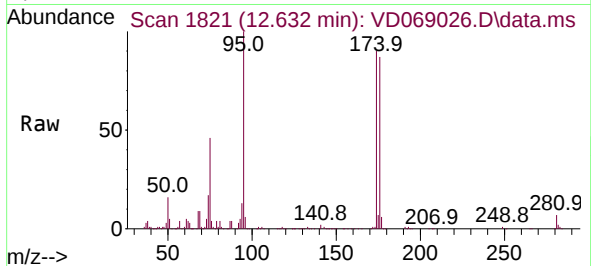




#62
4-Bromofluorobenzene
Concen: 68.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

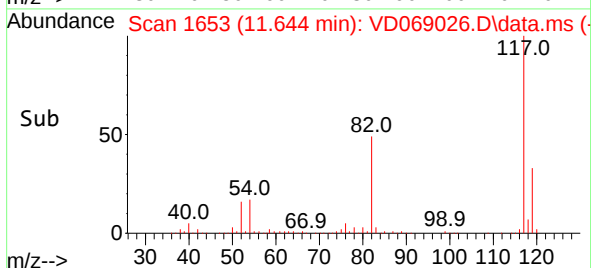
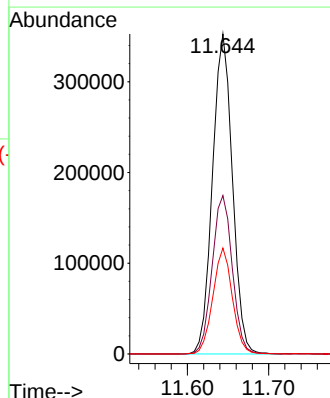
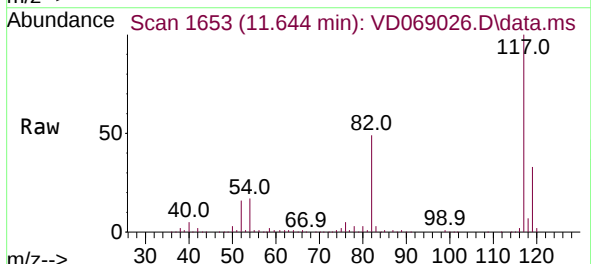
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MSVOA_D
ClientSampleId :

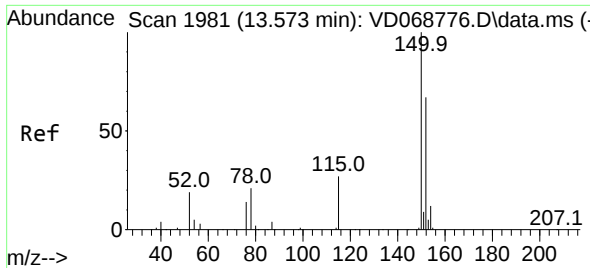
Tgt Ion:	95	Resp:	273145
Ion Ratio	Lower	Upper	
95	100		
174	89.3	0.0	168.0
176	86.8	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion:	117	Resp:	600766
Ion Ratio	Lower	Upper	
117	100		
82	49.5	43.5	65.3
119	33.1	26.7	40.1

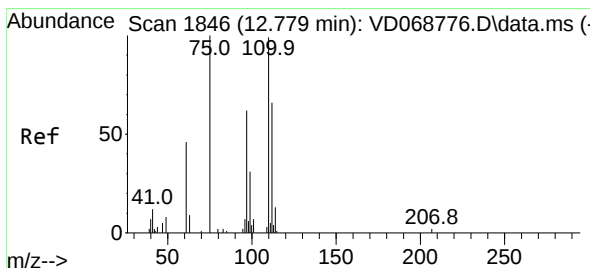
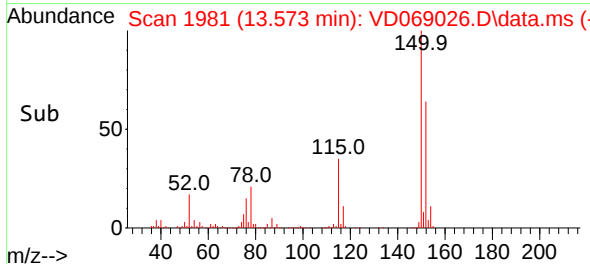
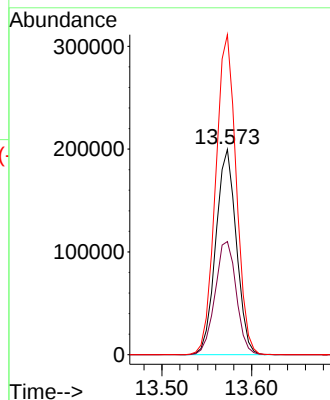
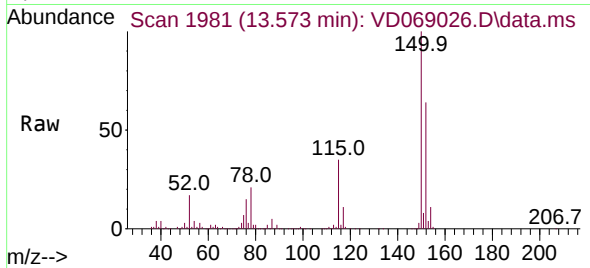




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

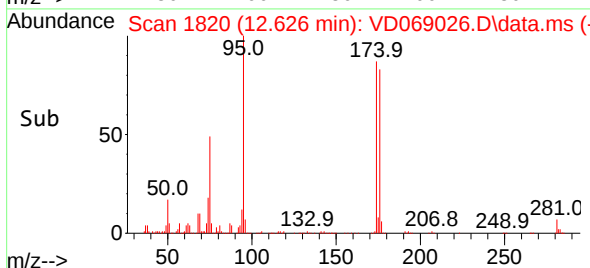
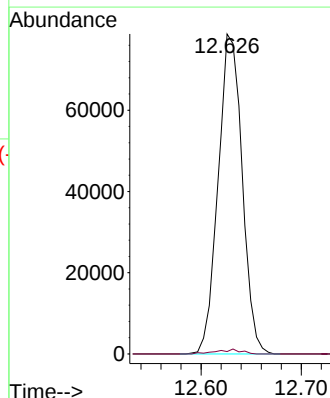
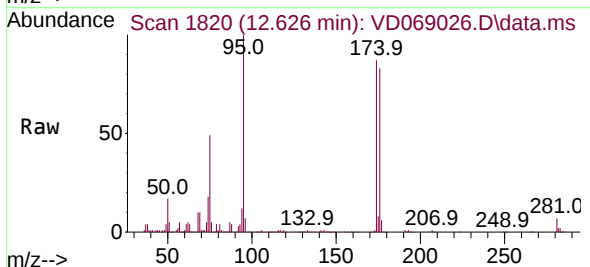
Instrument :
MSVOA_D
ClientSampled :

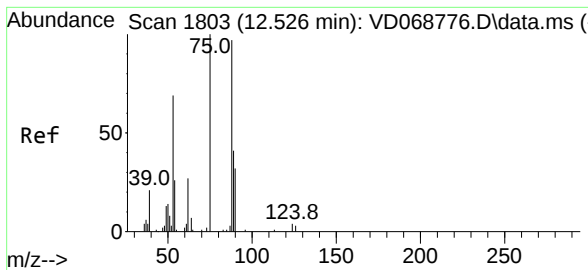
Tgt Ion:152 Resp: 317793
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 155.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

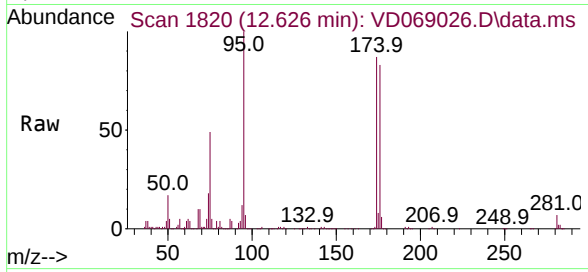
Tgt Ion: 75 Resp: 130698
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.47 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069026.D
 Acq: 29 Apr 2021 18:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	36.6	54.8#

