

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069032.D
 Acq On : 29 Apr 2021 21:45
 Operator : VA/SY
 Sample : M2234-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:56 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)

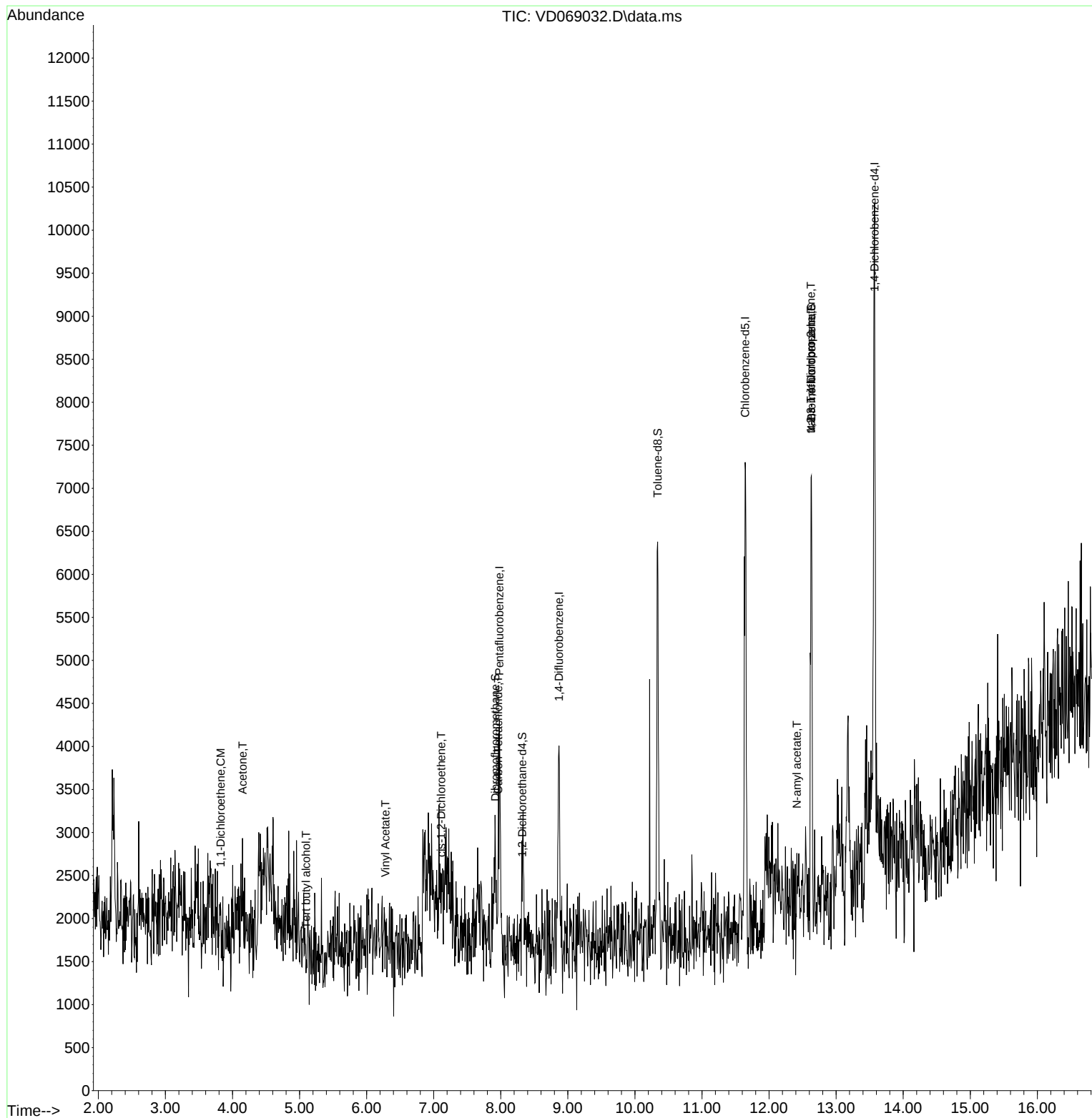
Internal Standards						
1) Pentafluorobenzene	7.979	168	1916	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	3226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	4286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	571	28.20	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.40%
35) Dibromofluoromethane	7.920	113	888	42.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.64%
50) Toluene-d8	10.338	98	3809	48.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.24%
62) 4-Bromofluorobenzene	12.632	95	1877	71.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.80%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.097	59	65	34.76	ug/l	# 73
12) 1,1-Dichloroethene	3.826	96	61	3.18	ug/l	# 1
16) Acetone	4.150	43	743	264.97	ug/l	98
20) Methylene Chloride	4.973	84	67	Below Cal	#	12
23) Vinyl Acetate	6.279	43	68	2.45	ug/l	# 66
27) cis-1,2-Dichloroethene	7.114	96	55	2.25	ug/l	# 1
38) Carbon Tetrachloride	7.961	117	132	4.08	ug/l	# 12
74) N-amyl acetate	12.414	43	168	5.16	ug/l	# 36
76) 1,2,3-Trichloropropane	12.626	75	733	30.54	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	733	70.88	ug/l	# 16

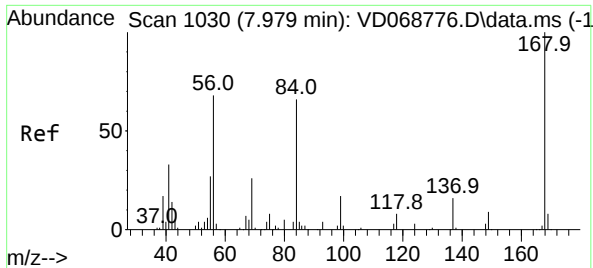
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

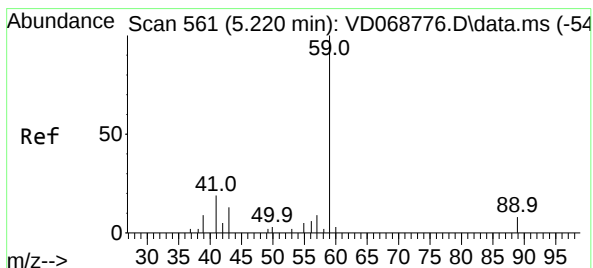
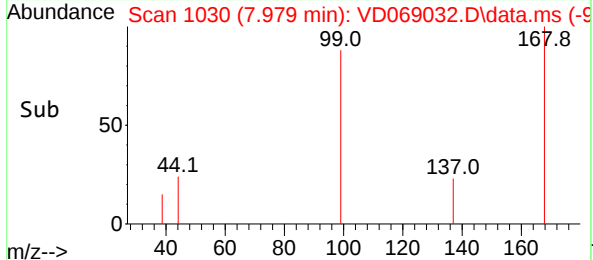
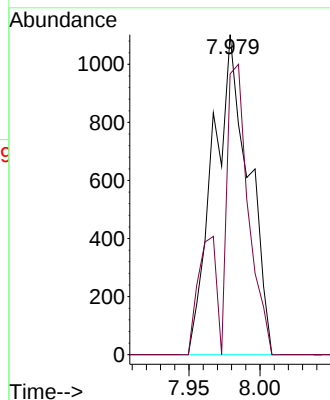
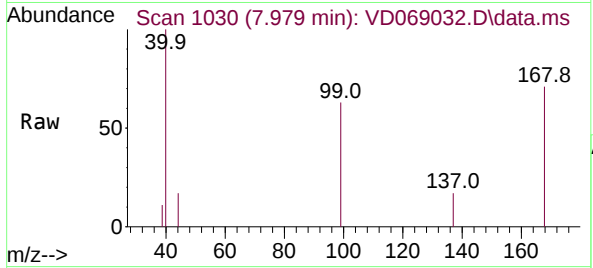




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

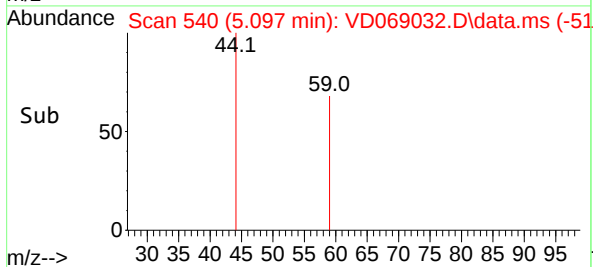
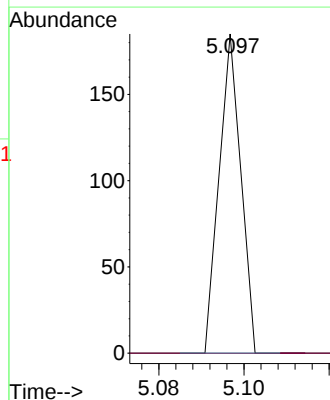
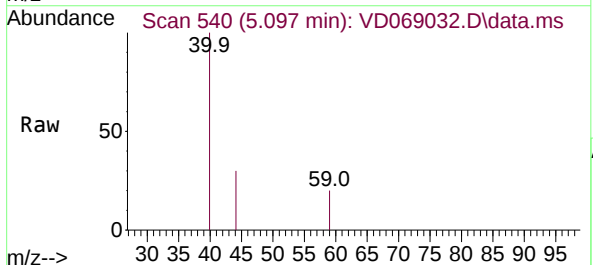
Instrument :
MSVOA_D
ClientSampled :

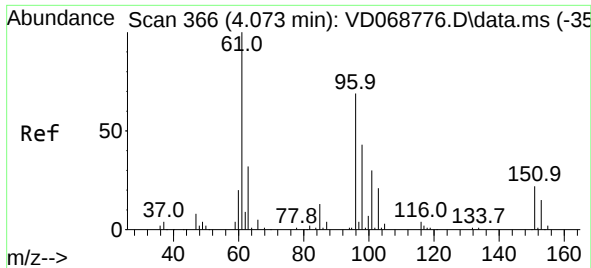
Tgt Ion:168 Resp: 1916
Ion Ratio Lower Upper
168 100
99 87.7 46.2 69.2#



#11
Tert butyl alcohol
Concen: 34.76 ug/l
RT: 5.097 min Scan# 540
Delta R.T. -0.123 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

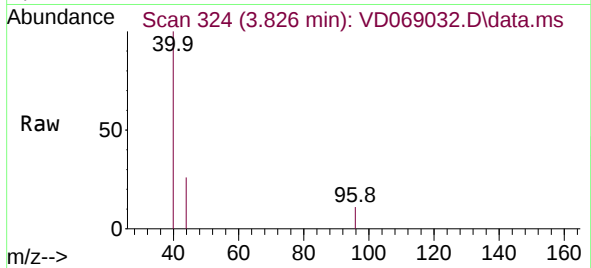
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



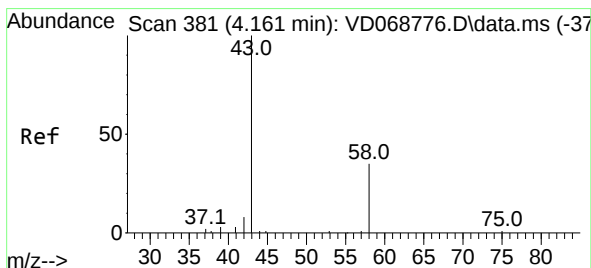
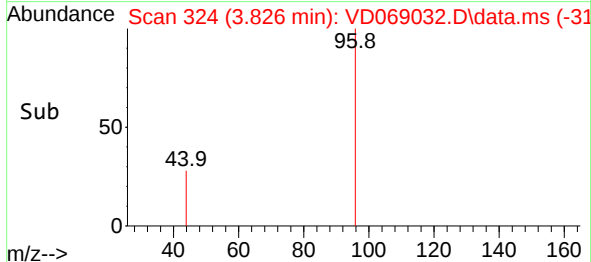
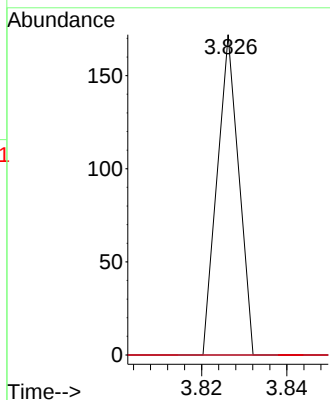


#12
1,1-Dichloroethene
Concen: 3.18 ug/l
RT: 3.826 min Scan# 324
Delta R.T. -0.247 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Instrument :
MSVOA_D
ClientSampled :

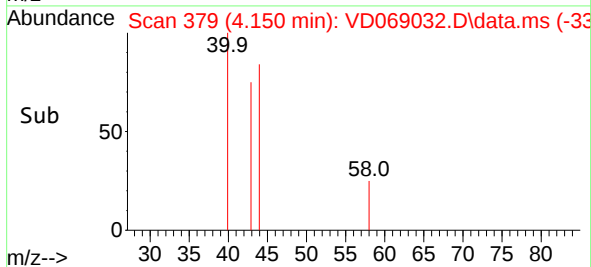
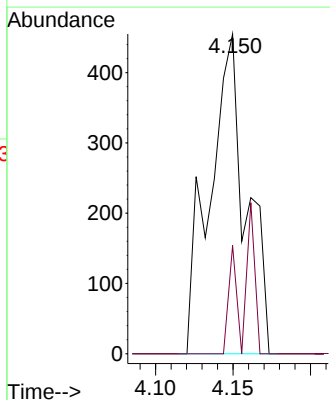
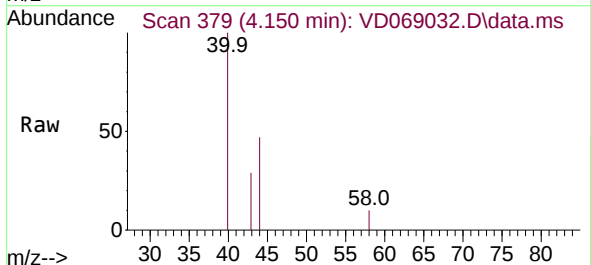


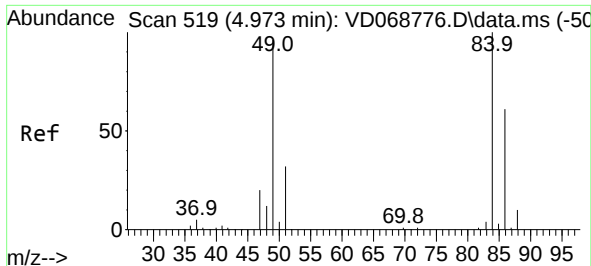
Tgt Ion: 96 Resp: 61
Ion Ratio Lower Upper
96 100
61 0.0 112.2 168.2#
98 0.0 50.2 75.2#



#16
Acetone
Concen: 264.97 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0





#20

Methylene Chloride

Concen: Below Cal

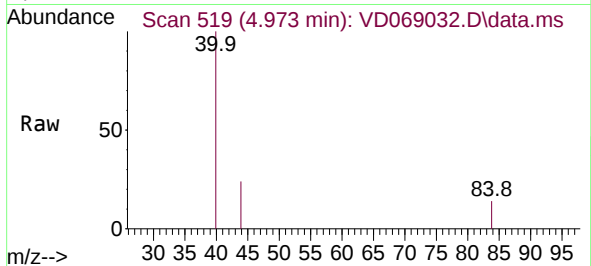
RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

Lab File: VD069032.D

Acq: 29 Apr 2021 21:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 67

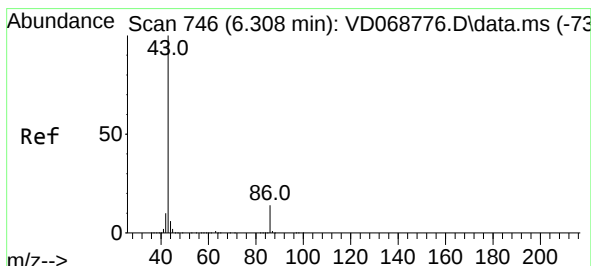
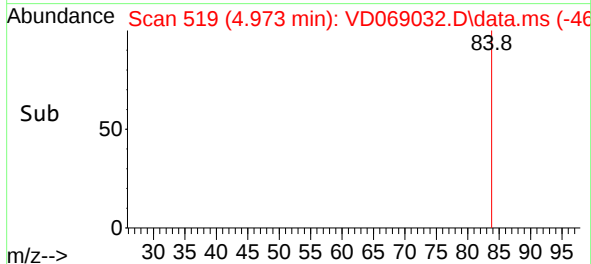
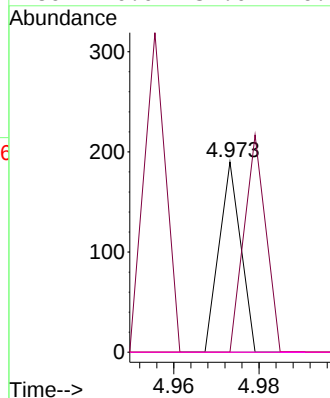
Ion Ratio Lower Upper

84 100

49 0.0 83.4 125.0#

51 0.0 23.4 35.2#

86 0.0 51.0 76.4#



#23

Vinyl Acetate

Concen: 2.45 ug/l

RT: 6.279 min Scan# 741

Delta R.T. -0.029 min

Lab File: VD069032.D

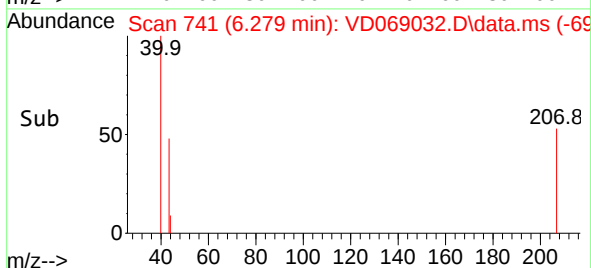
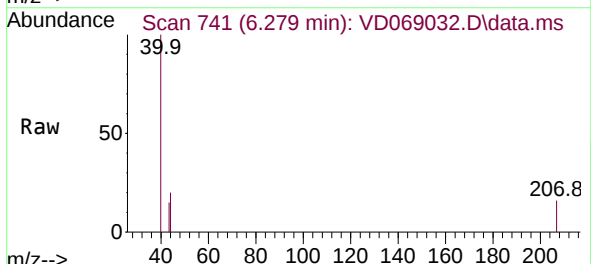
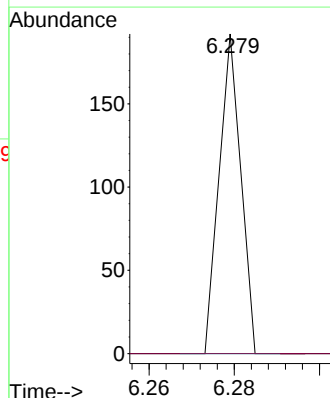
Acq: 29 Apr 2021 21:45

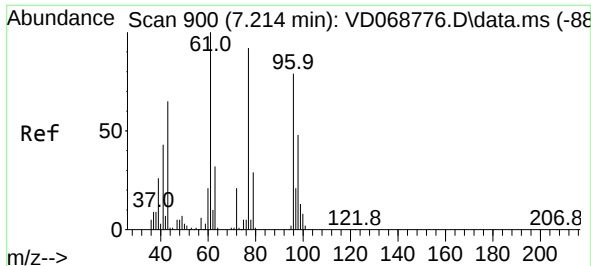
Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

86 0.0 11.0 16.6#





#27

cis-1,2-Dichloroethene

Concen: 2.25 ug/l

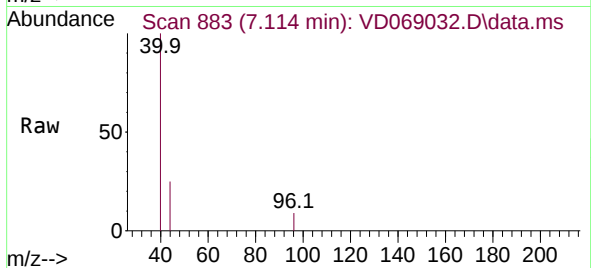
RT: 7.114 min Scan# 883

Delta R.T. -0.100 min

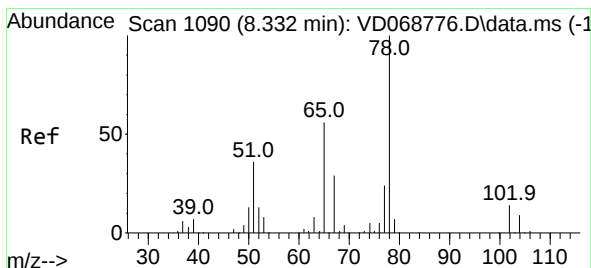
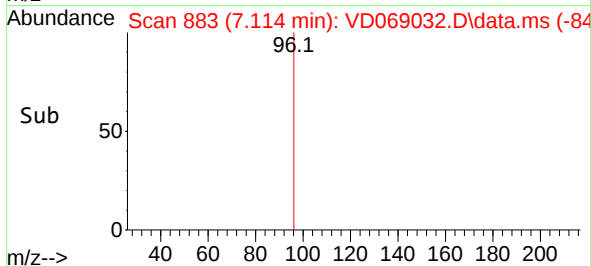
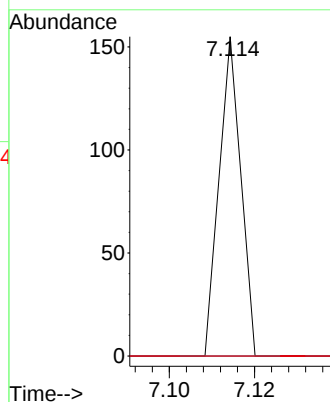
Lab File: VD069032.D

Acq: 29 Apr 2021 21:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96	Resp: 55
Ion Ratio	Lower Upper
96	100
61	0.0 0.0 258.8
98	0.0 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 28.20 ug/l

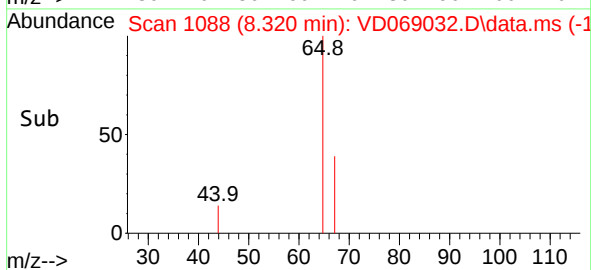
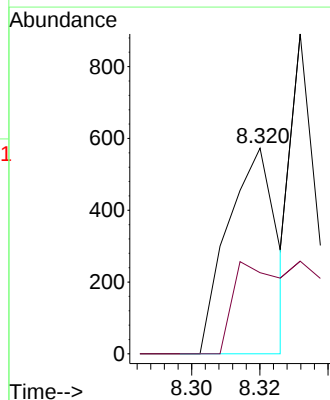
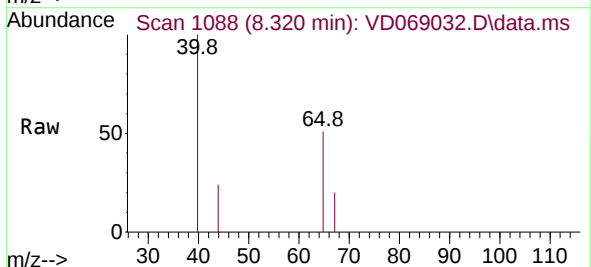
RT: 8.320 min Scan# 1088

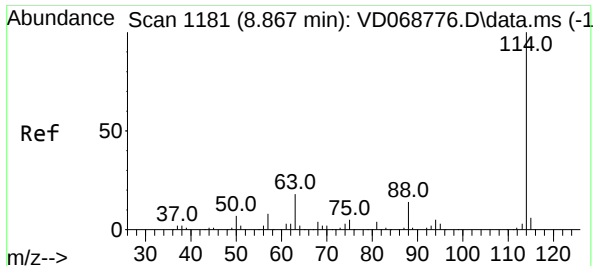
Delta R.T. -0.012 min

Lab File: VD069032.D

Acq: 29 Apr 2021 21:45

Tgt Ion: 65	Resp: 571
Ion Ratio	Lower Upper
65	100
67	42.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

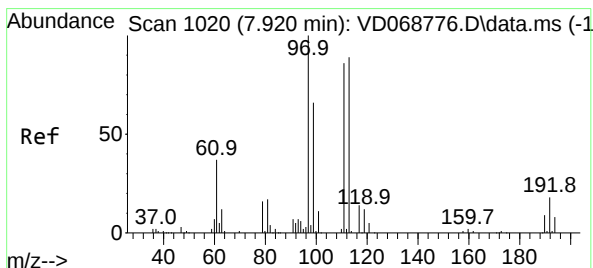
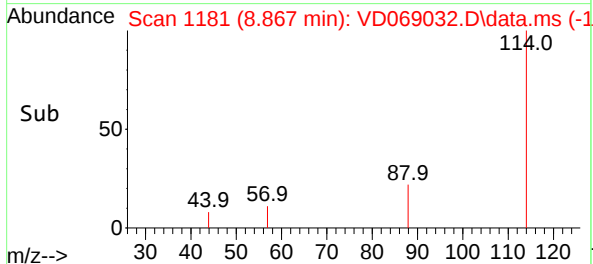
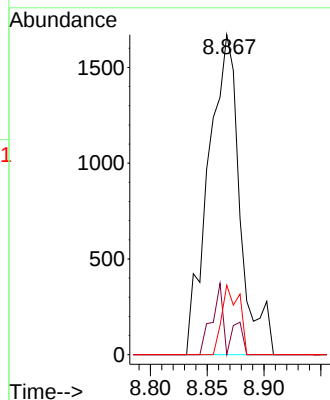
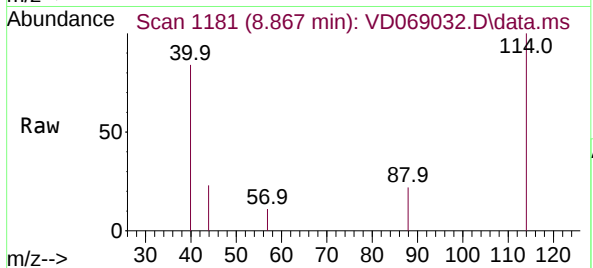
Delta R.T. 0.000 min

Lab File: VD069032.D

Acq: 29 Apr 2021 21:45

Tgt Ion:	114	Resp:	3226
Ion Ratio	Lower	Upper	
114	100		
63	0.0	0.0	38.2
88	21.7	0.0	29.4

Instrument :
MSVOA_D
ClientSampleId :



#35

Dibromofluoromethane

Concen: 42.32 ug/l

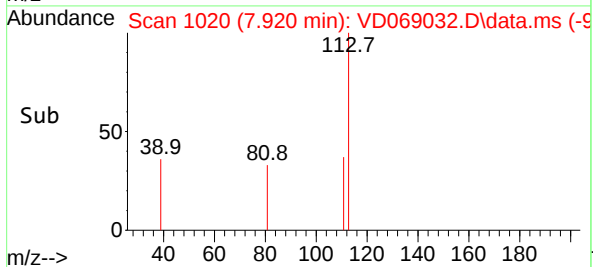
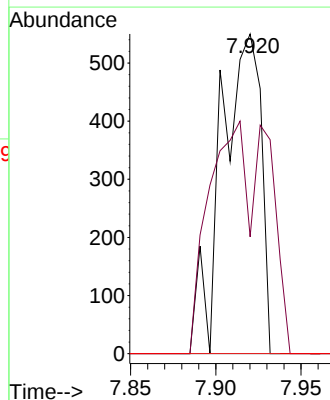
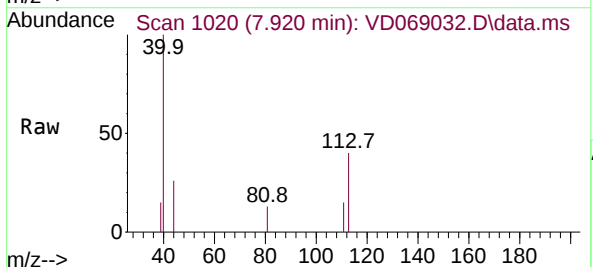
RT: 7.920 min Scan# 1020

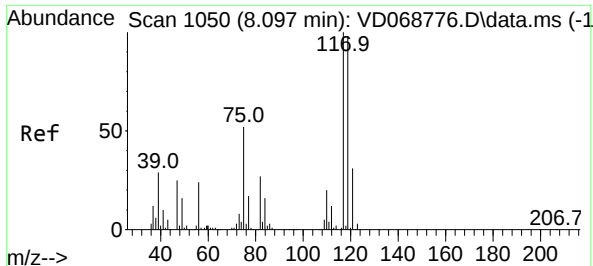
Delta R.T. 0.000 min

Lab File: VD069032.D

Acq: 29 Apr 2021 21:45

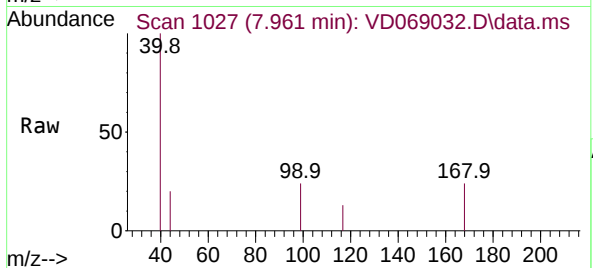
Tgt Ion:	113	Resp:	888
Ion Ratio	Lower	Upper	
113	100		
111	72.0	82.5	123.7#
192	0.0	15.1	22.7#



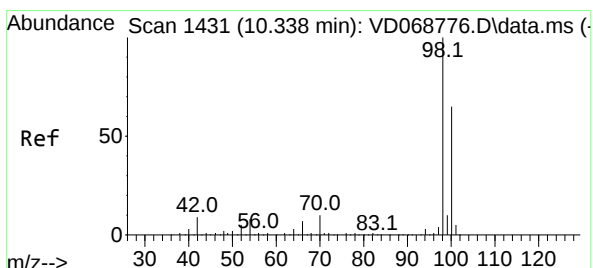
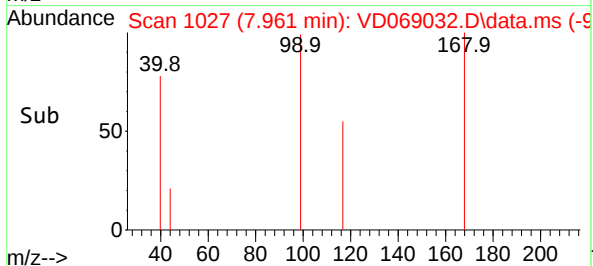
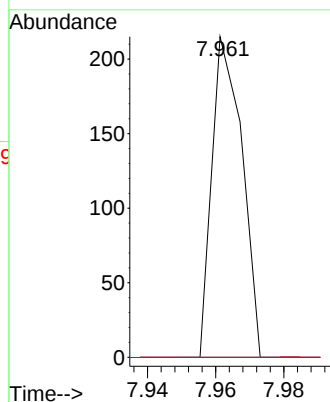


#38
Carbon Tetrachloride
Concen: 4.08 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.136 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Instrument :
MSVOA_D
ClientSampleId :

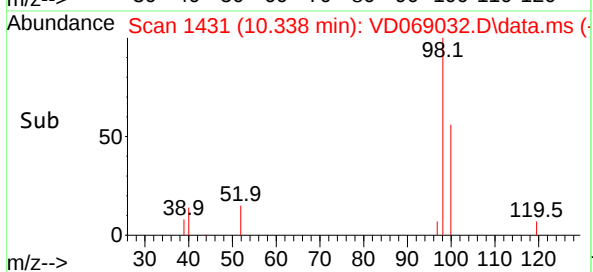
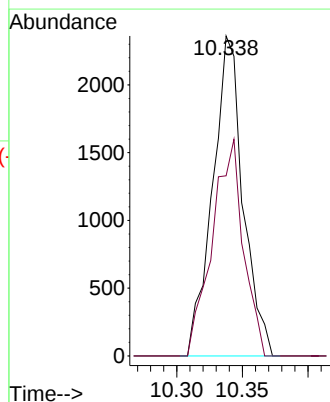
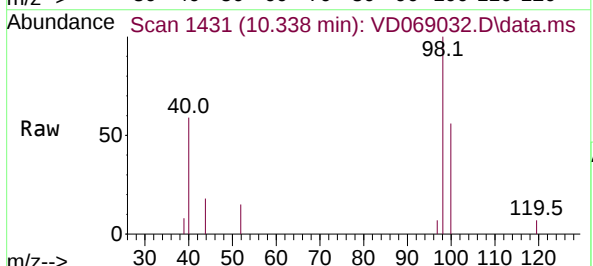


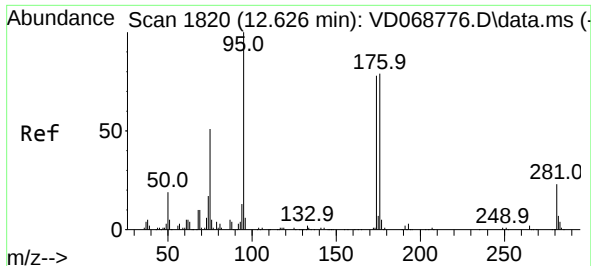
Tgt Ion:117 Resp: 132
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 48.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

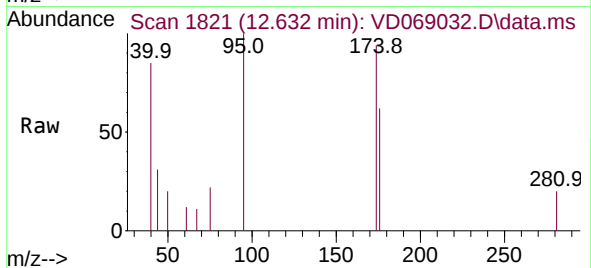
Tgt Ion: 98 Resp: 3809
Ion Ratio Lower Upper
98 100
100 69.0 51.8 77.6



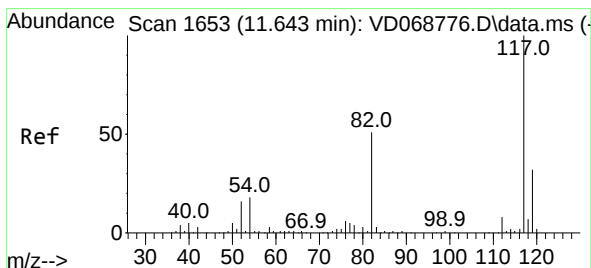
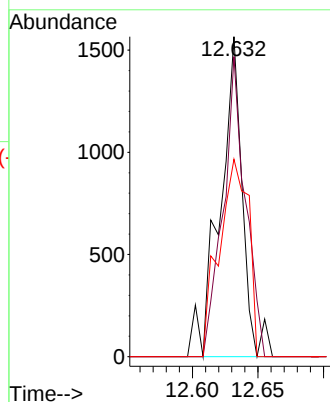
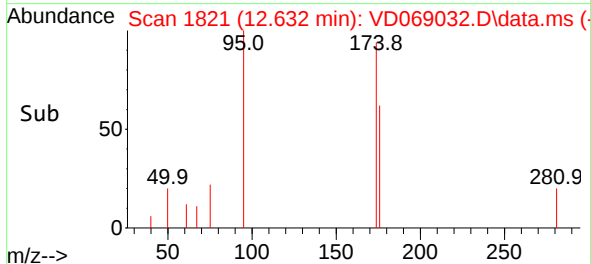


#62
4-Bromofluorobenzene
Concen: 71.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

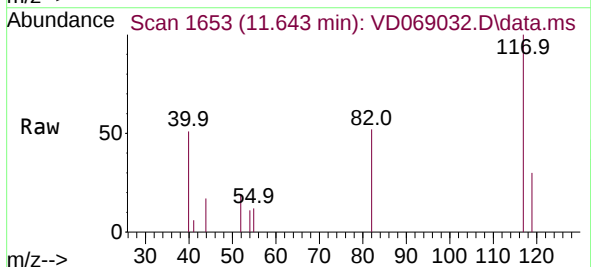
Instrument :
MSVOA_D
ClientSampleId :



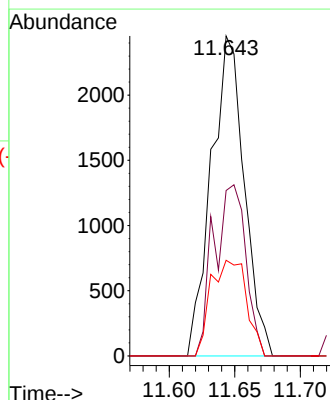
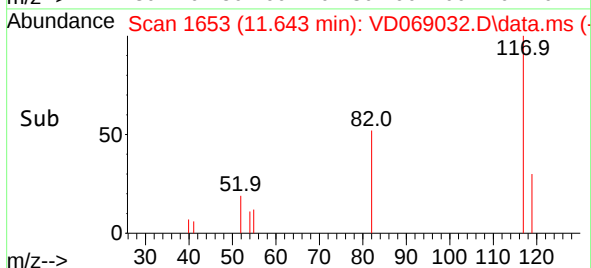
Tgt Ion: 95 Resp: 1877
Ion Ratio Lower Upper
95 100
174 92.2 0.0 168.0
176 79.8 0.0 160.2

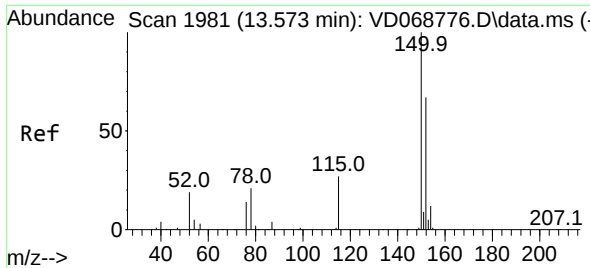


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45



Tgt Ion: 117 Resp: 4286
Ion Ratio Lower Upper
117 100
82 51.7 43.5 65.3
119 29.9 26.7 40.1

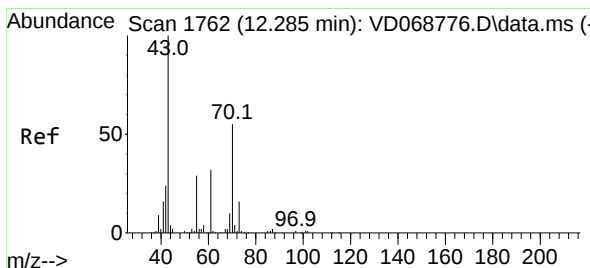
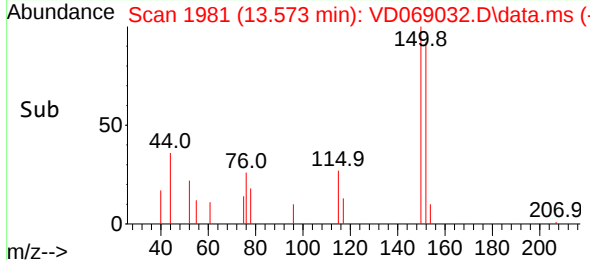
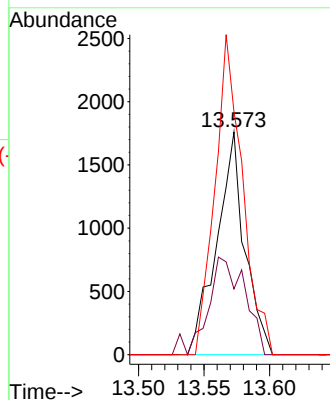
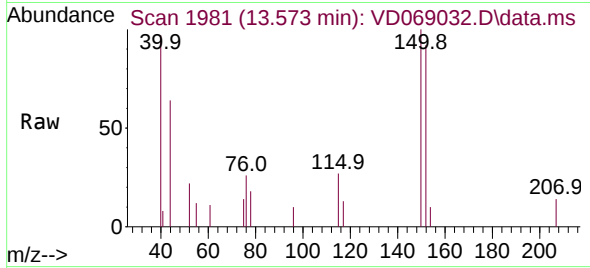




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

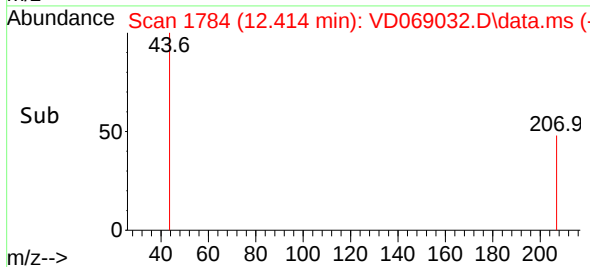
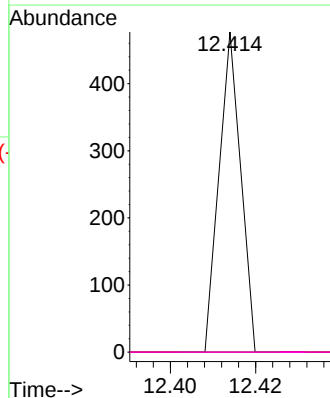
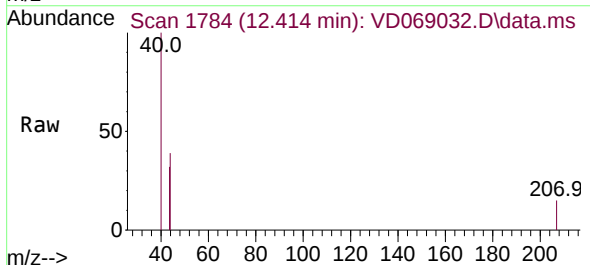
Instrument :
MSVOA_D
ClientSampleId :

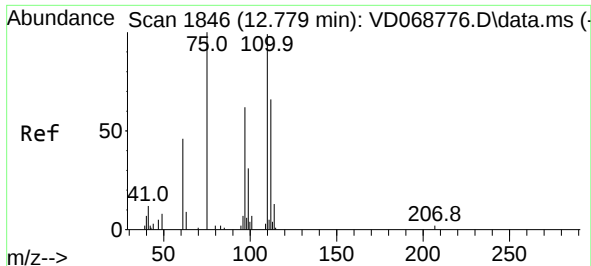
Tgt Ion:	152	Resp:	2627
Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	87.8
150	140.4	0.0	347.6



#74
N-ethyl acetate
Concen: 5.16 ug/l
RT: 12.414 min Scan# 1784
Delta R.T. 0.129 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Tgt Ion:	43	Resp:	168
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.9	62.9#
55	0.0	22.8	34.2#
61	0.0	22.7	34.1#

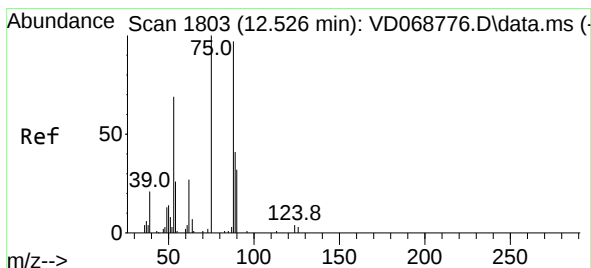
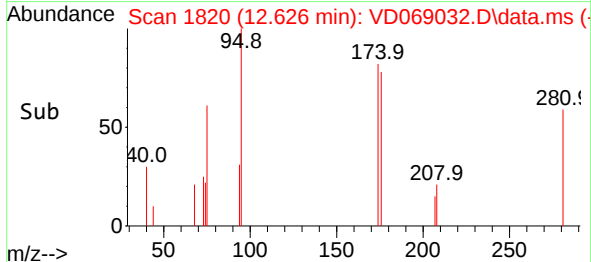
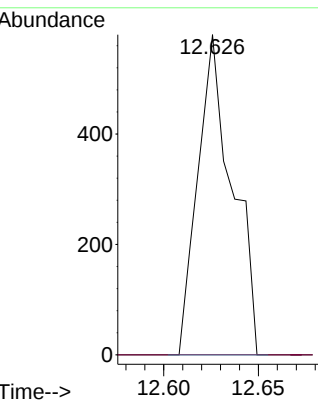
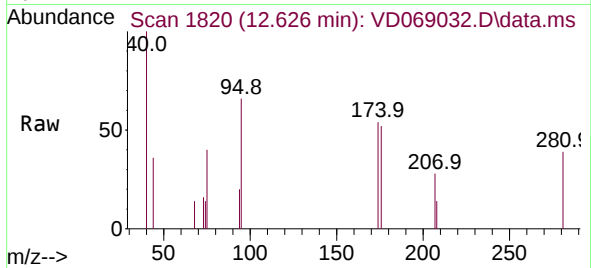




#76
1,2,3-Trichloropropane
Concen: 30.54 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 70.88 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069032.D
Acq: 29 Apr 2021 21:45

Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

