

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070423.D
 Acq On : 22 Sep 2021 13:33
 Operator : VA/SY
 Sample : M3832-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Sep 23 05:31:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	2235	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	4481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	2729	95.094	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.180%#
35) Dibromofluoromethane	7.909	113	1247	39.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.200%
50) Toluene-d8	10.332	98	4387	37.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.760%
62) 4-Bromofluorobenzene	12.620	95	1247	30.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.620%

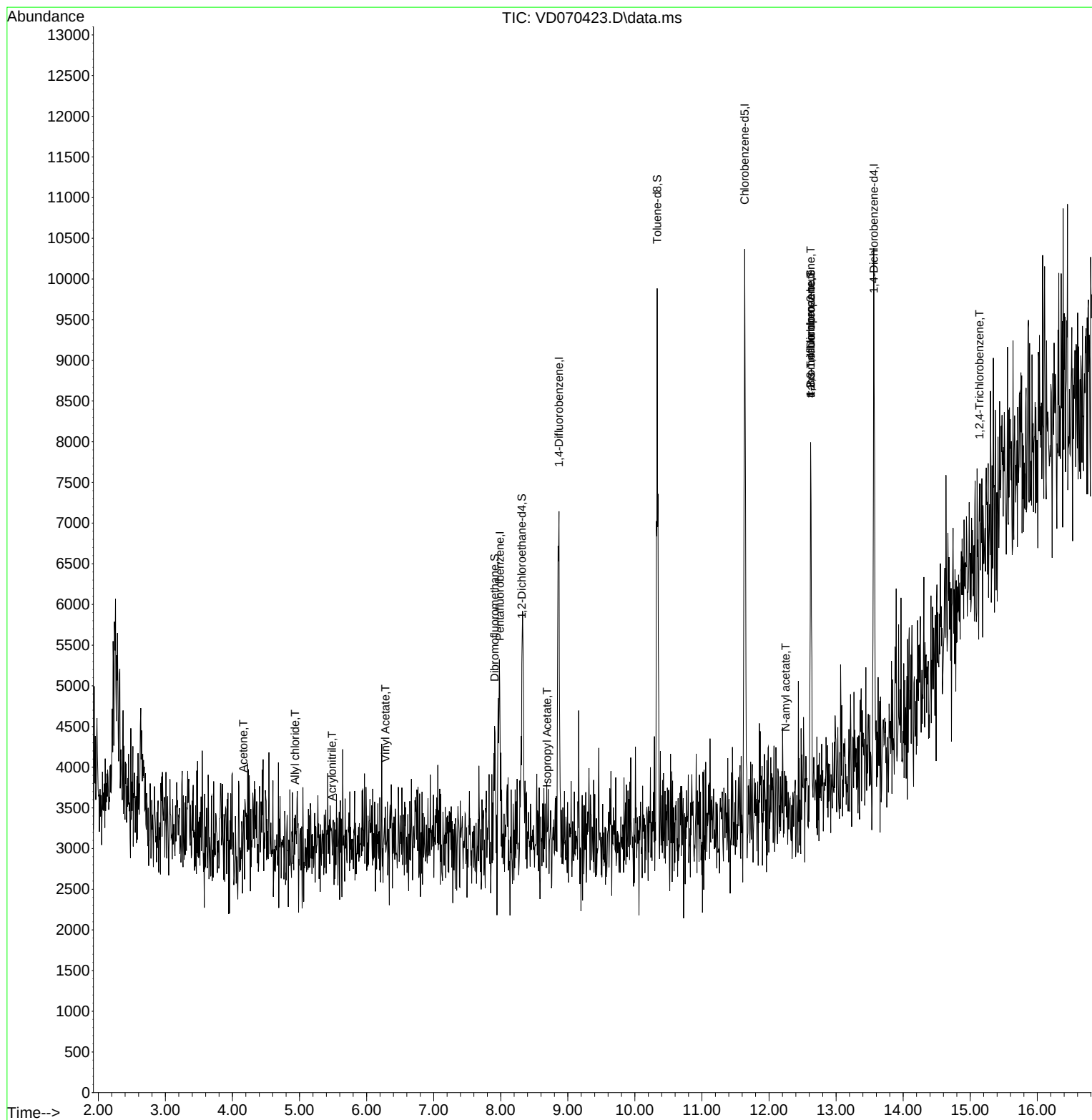
Target Compounds					Qvalue	
14) Allyl chloride	4.932	41	58	1.517	ug/l	# 27
15) Acrylonitrile	5.485	53	63	10.284	ug/l	# 18
16) Acetone	4.162	43	73	14.248	ug/l	# 36
23) Vinyl Acetate	6.279	43	64	1.688	ug/l	# 68
43) Isopropyl Acetate	8.691	43	58	1.751	ug/l	# 46
74) N-amyl acetate	12.250	43	60	2.205	ug/l	# 37
76) 1,2,3-Trichloropropane	12.620	75	789	43.797	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	789	109.737	ug/l	# 17
93) 1,2,4-Trichlorobenzene	15.138	180	60	2.099	ug/l	# 12

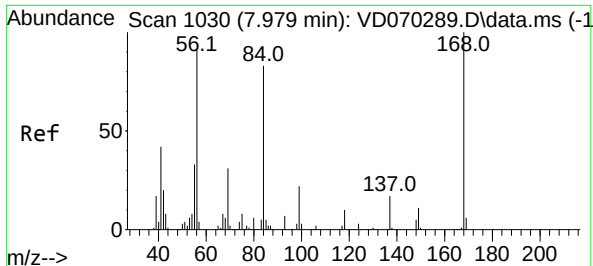
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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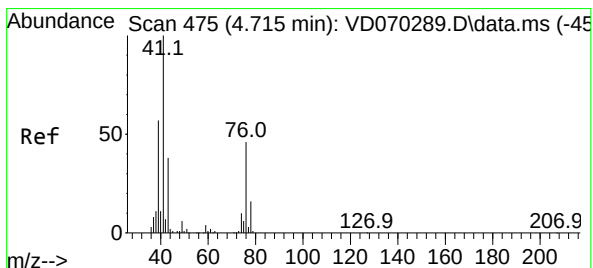
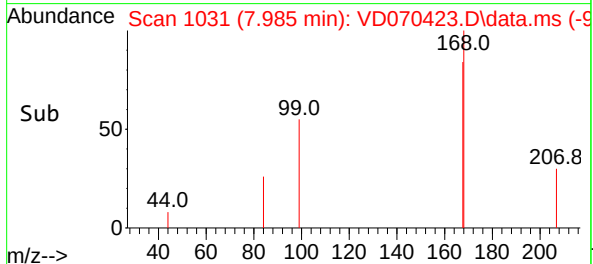
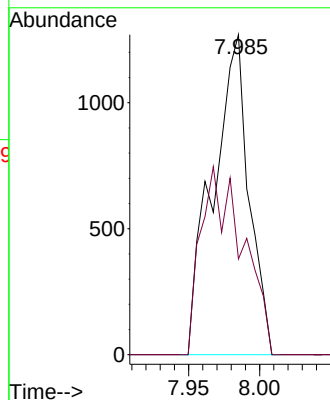
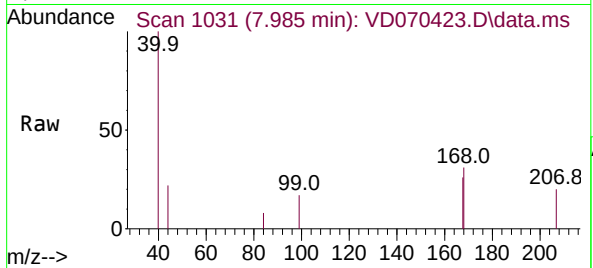




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

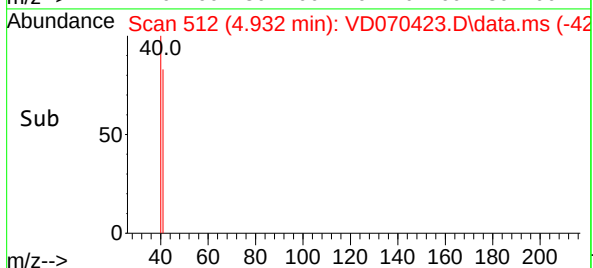
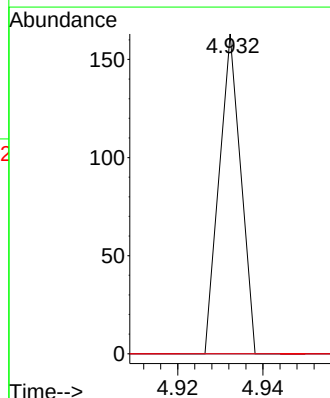
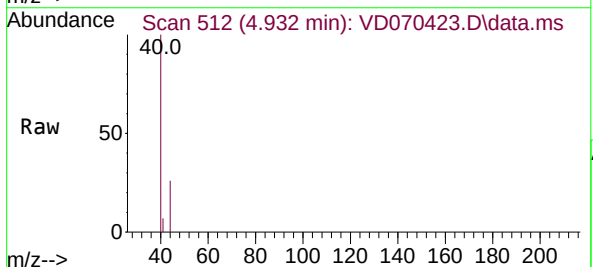
Instrument :
MSVOA_D
ClientSampleId :
TP-B

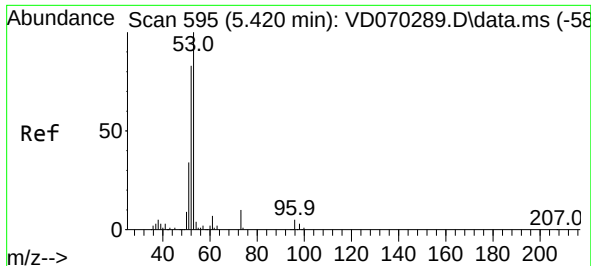
Tgt Ion:168 Resp: 2235
Ion Ratio Lower Upper
168 100
99 29.9 50.8 76.2#



#14
Allyl chloride
Concen: 1.517 ug/l
RT: 4.932 min Scan# 512
Delta R.T. 0.218 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.4#
76 0.0 34.1 51.1#

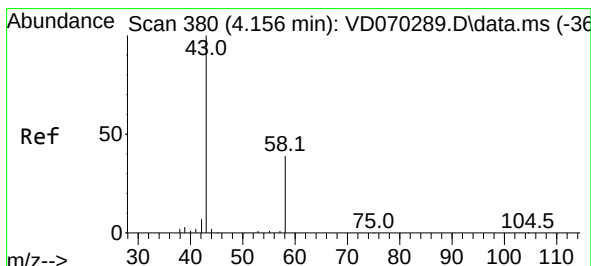
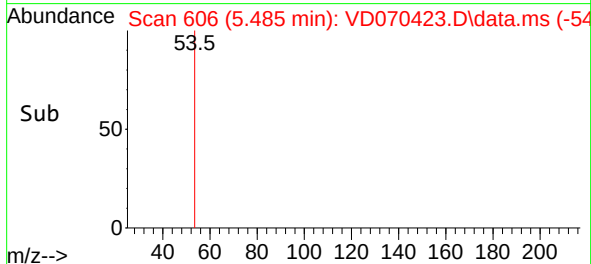
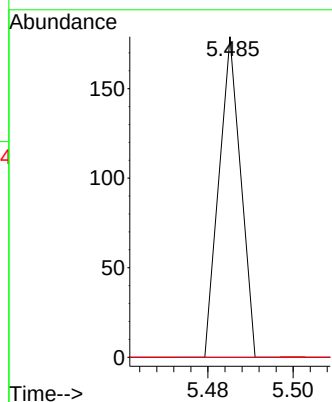
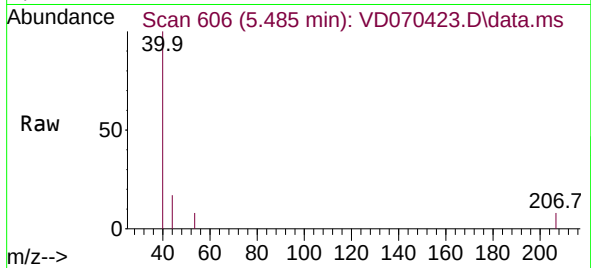




#15
Acrylonitrile
Concen: 10.284 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.065 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

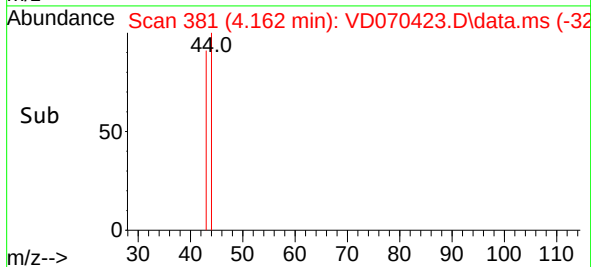
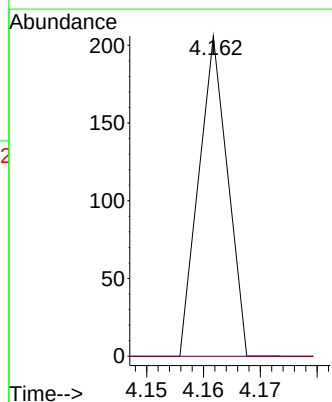
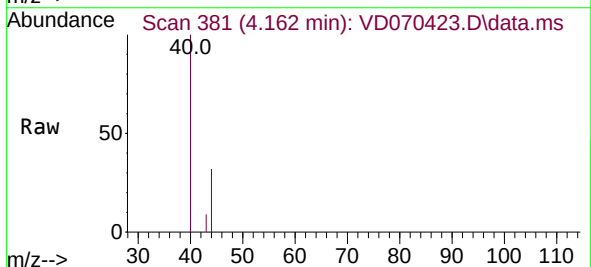
Instrument :
MSVOA_D
ClientSampleId :
TP-B

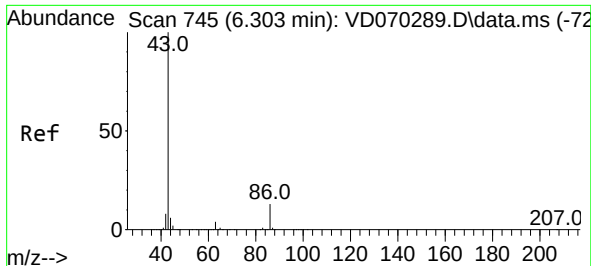
Tgt Ion: 53 Resp: 63
Ion Ratio Lower Upper
53 100
52 0.0 64.6 97.0#
51 0.0 27.8 41.8#



#16
Acetone
Concen: 14.248 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

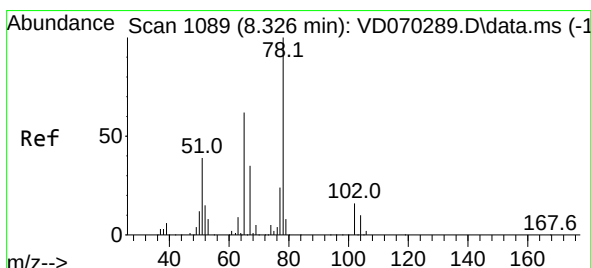
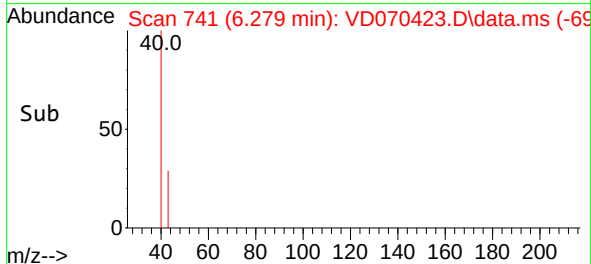
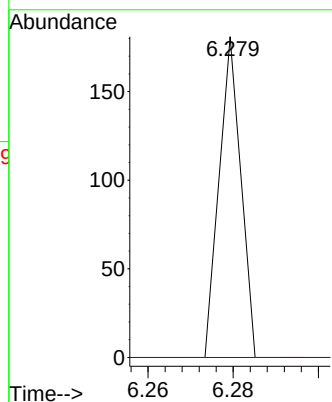
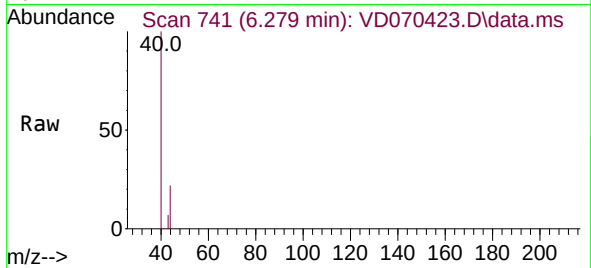




#23
 Vinyl Acetate
 Concen: 1.688 ug/l
 RT: 6.279 min Scan# 741
 Delta R.T. -0.023 min
 Lab File: VD070423.D
 Acq: 22 Sep 2021 13:33

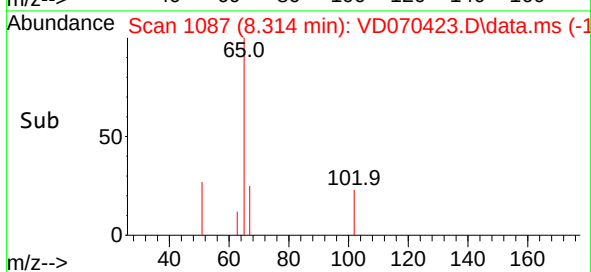
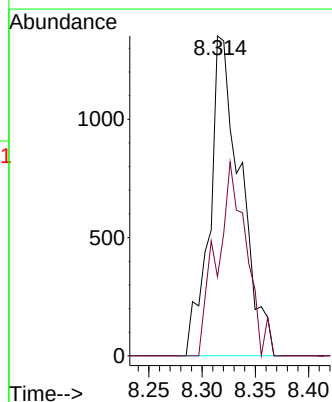
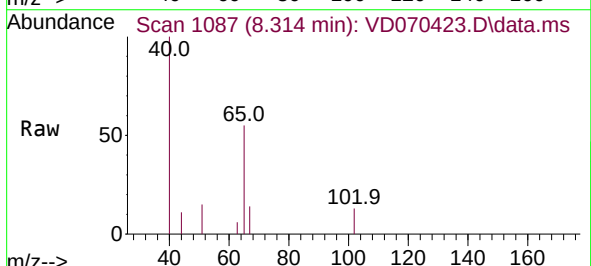
Instrument :
 MSVOA_D
 ClientSampled :
 TP-B

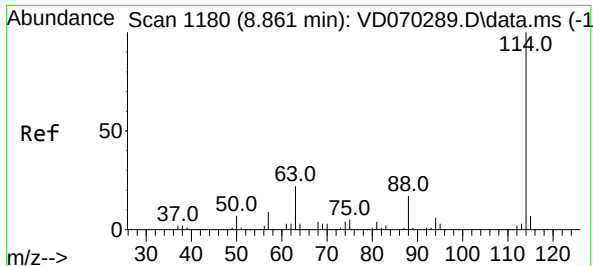
Tgt Ion: 43 Resp: 64
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.2 15.4#



#33
 1,2-Dichloroethane-d4
 Concen: 95.094 ug/l
 RT: 8.314 min Scan# 1087
 Delta R.T. -0.012 min
 Lab File: VD070423.D
 Acq: 22 Sep 2021 13:33

Tgt Ion: 65 Resp: 2729
 Ion Ratio Lower Upper
 65 100
 67 57.6 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

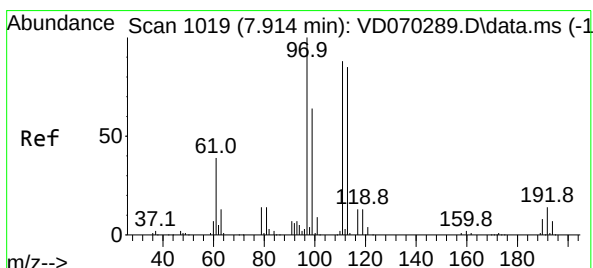
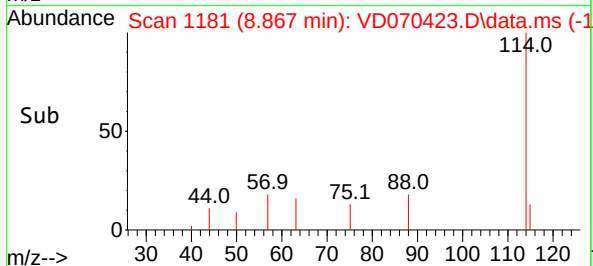
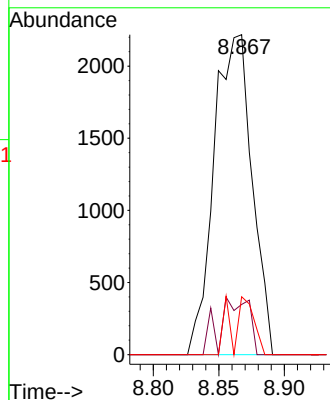
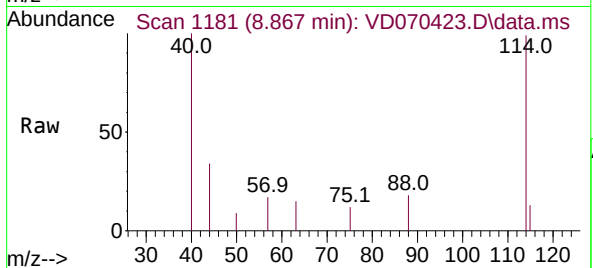
Delta R.T. 0.006 min

Lab File: VD070423.D

Acq: 22 Sep 2021 13:33

Tgt Ion:114	Resp:	4481
Ion Ratio	Lower	Upper
114	100	
63	15.7	0.0 43.4
88	18.1	0.0 33.4

Instrument :
MSVOA_D
ClientSampleId :
TP-B



#35

Dibromofluoromethane

Concen: 39.095 ug/l

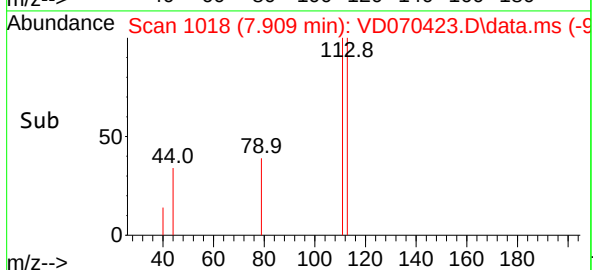
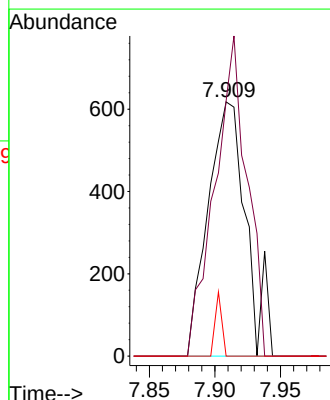
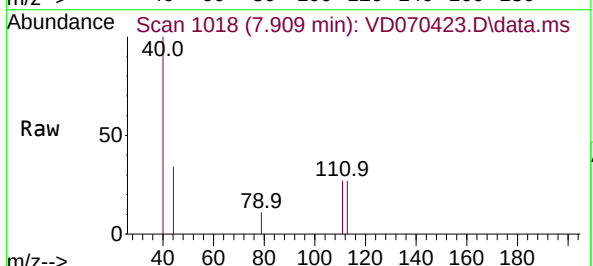
RT: 7.909 min Scan# 1018

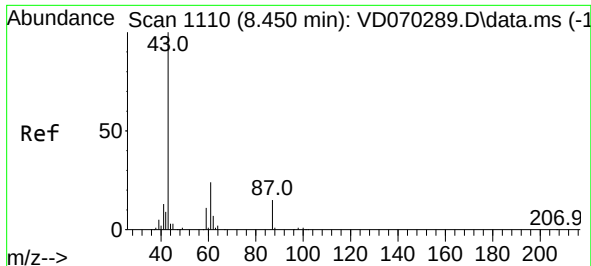
Delta R.T. -0.006 min

Lab File: VD070423.D

Acq: 22 Sep 2021 13:33

Tgt Ion:113	Resp:	1247
Ion Ratio	Lower	Upper
113	100	
111	106.5	81.4 122.2
192	4.4	13.0 19.6#

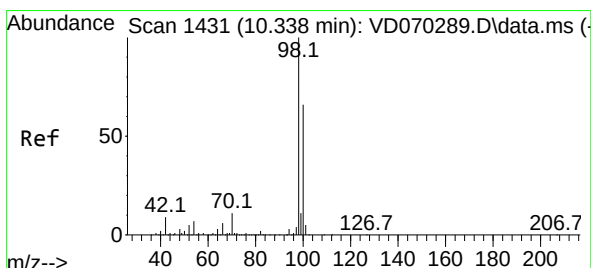
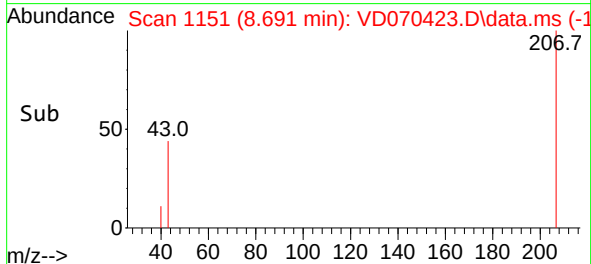
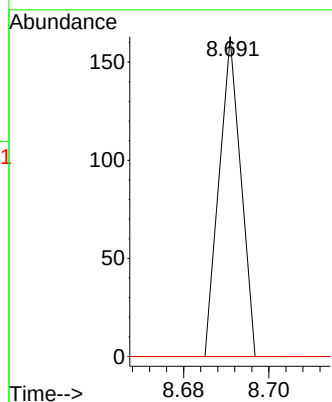
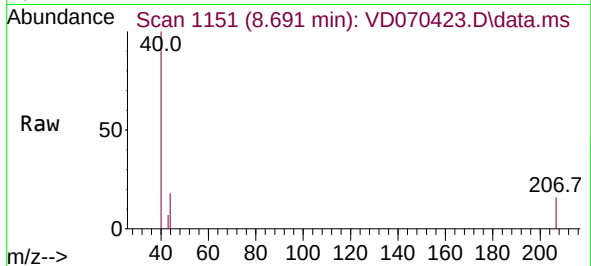




#43
Isopropyl Acetate
Concen: 1.751 ug/l
RT: 8.691 min Scan# 1151
Delta R.T. 0.241 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

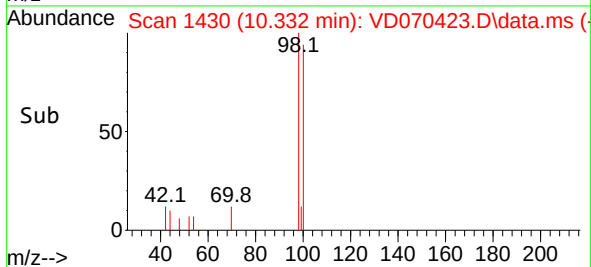
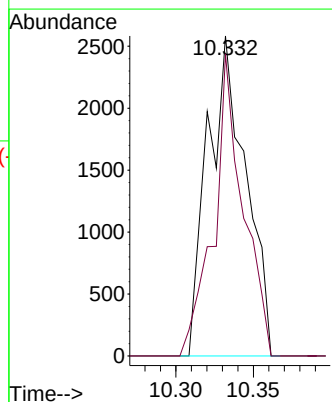
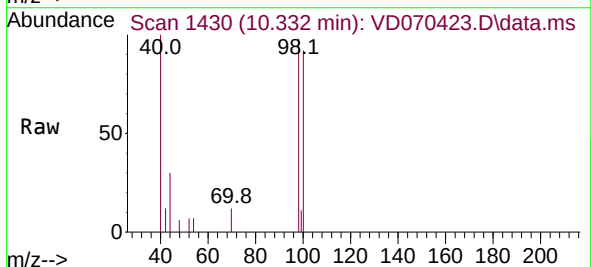
Instrument :
MSVOA_D
ClientSampleId :
TP-B

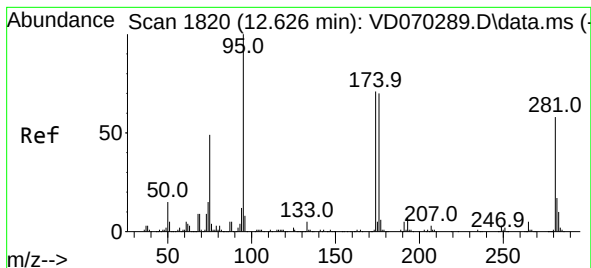
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
61 0.0 29.0 43.6#
87 0.0 12.8 19.2#



#50
Toluene-d8
Concen: 37.882 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 98 Resp: 4387
Ion Ratio Lower Upper
98 100
100 72.9 52.0 78.0

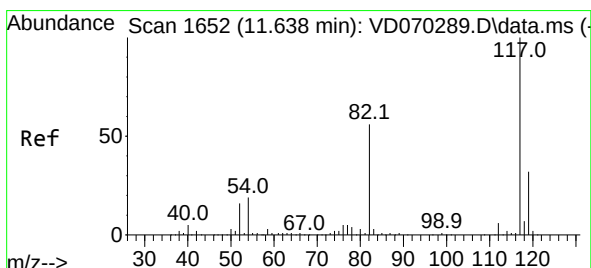
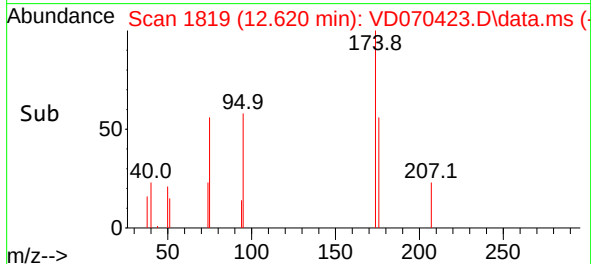
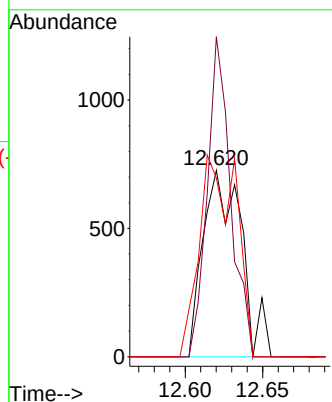
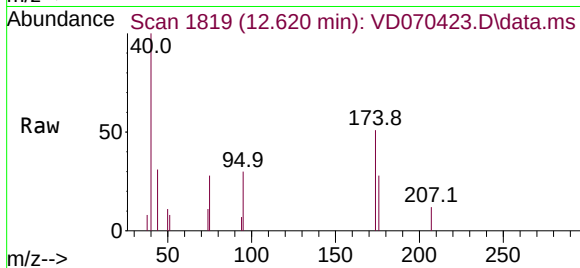




#62
4-Bromofluorobenzene
Concen: 30.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

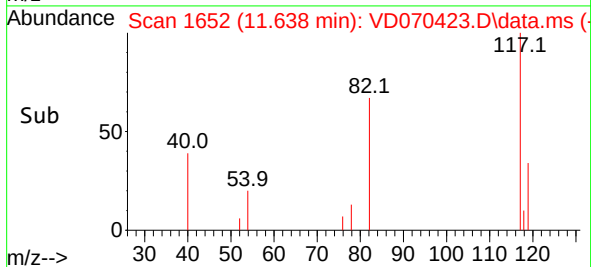
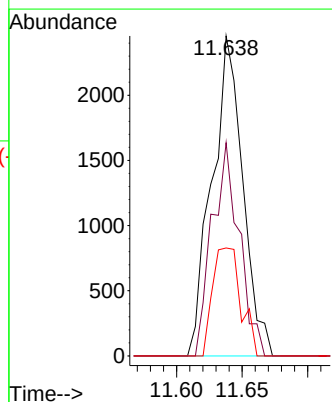
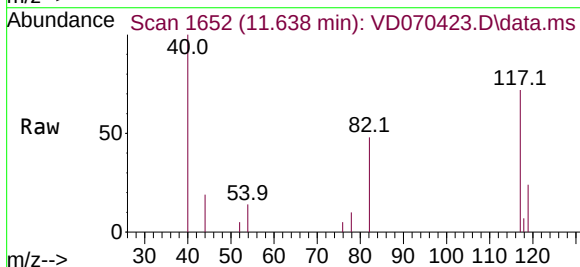
Instrument :
MSVOA_D
ClientSampled :
TP-B

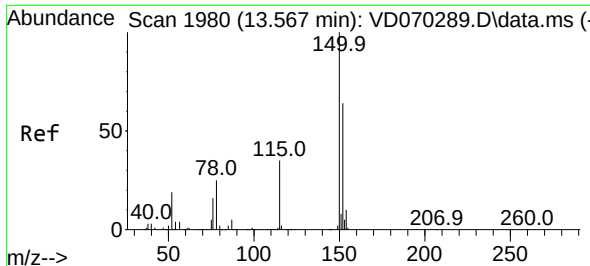
Tgt Ion: 95 Resp: 1247
Ion Ratio Lower Upper
95 100
174 104.7 0.0 140.6
176 104.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 117 Resp: 4025
Ion Ratio Lower Upper
117 100
82 66.6 45.0 67.4
119 33.7 25.2 37.8

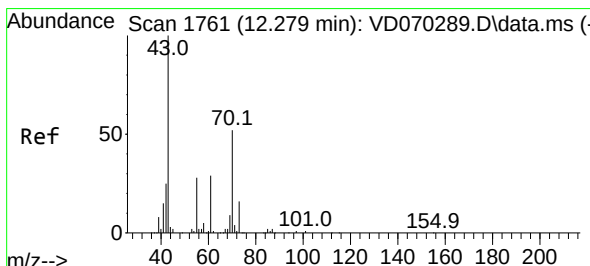
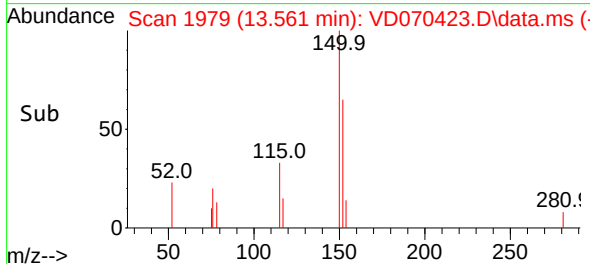
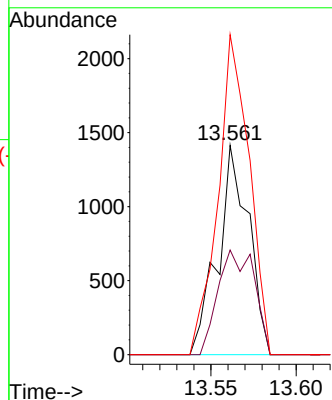
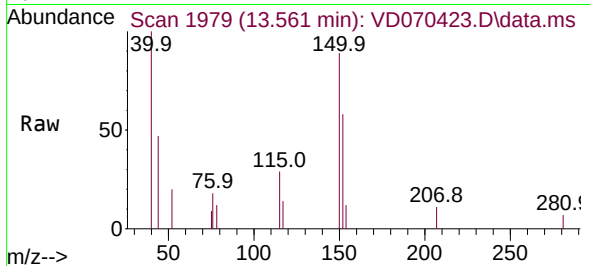




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

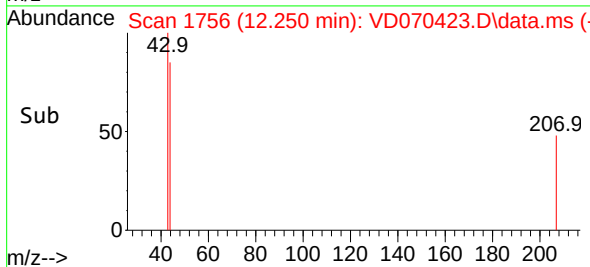
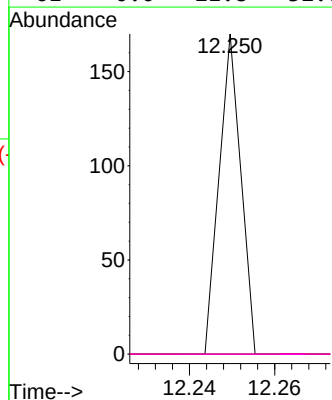
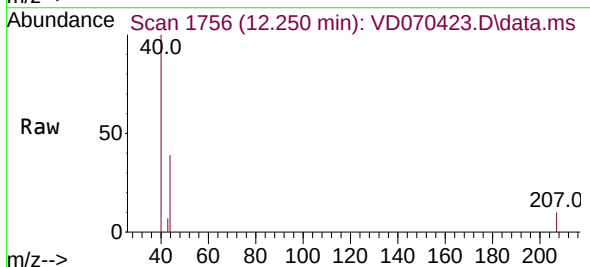
Instrument :
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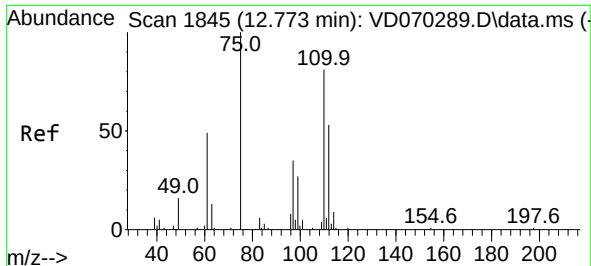
Tgt Ion:152 Resp: 1781
Ion Ratio Lower Upper
152 100
115 58.9 32.1 96.3
150 155.1 0.0 350.6



#74
N-ethyl acetate
Concen: 2.205 ug/l
RT: 12.250 min Scan# 1756
Delta R.T. -0.029 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.0#
55 0.0 22.8 34.2#
61 0.0 21.8 32.6#

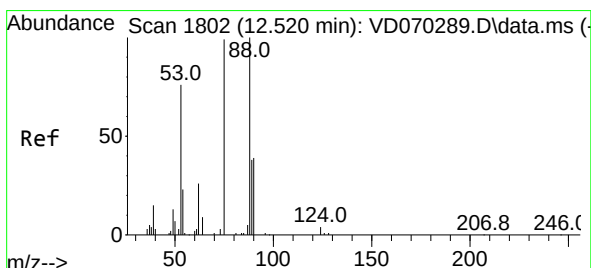
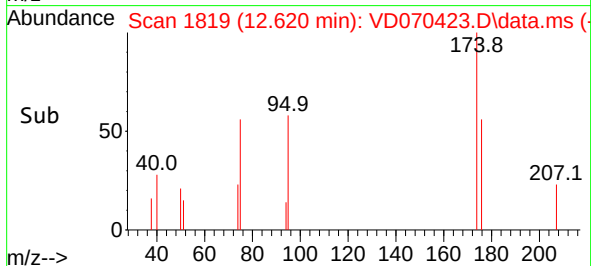
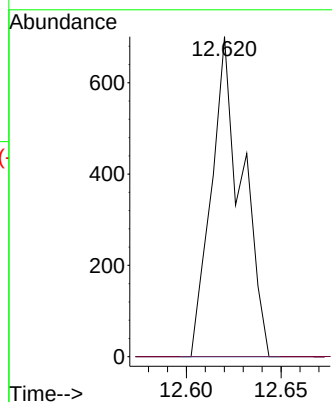
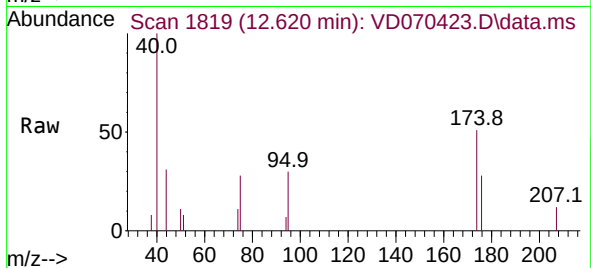




#76
1,2,3-Trichloropropane
Concen: 43.797 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

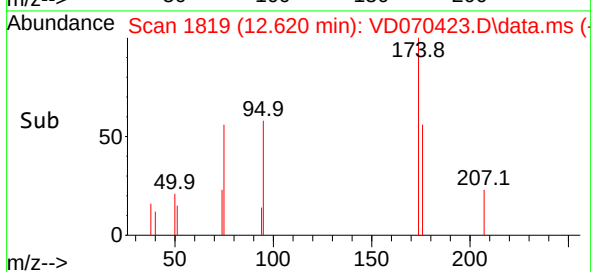
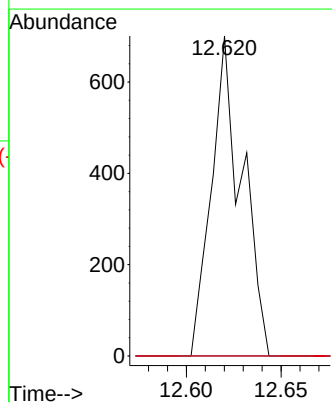
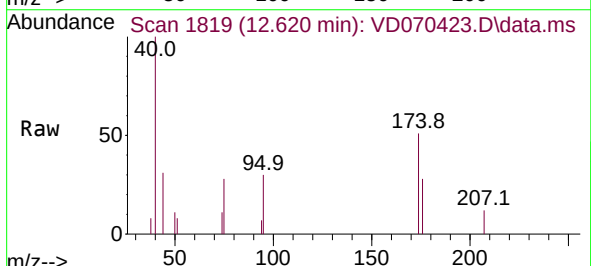
Instrument :
MSVOA_D
ClientSampleId :
TP-B

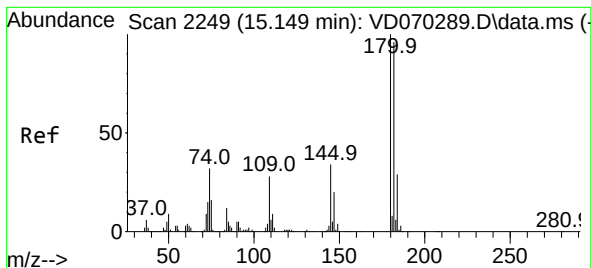
Tgt Ion: 75 Resp: 789
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 75 Resp: 789
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.099 ug/l

RT: 15.138 min Scan# 2247

Delta R.T. -0.012 min

Lab File: VD070423.D

Acq: 22 Sep 2021 13:33

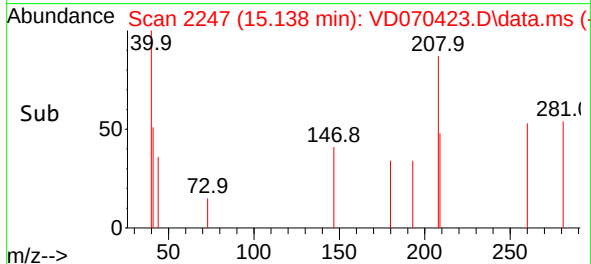
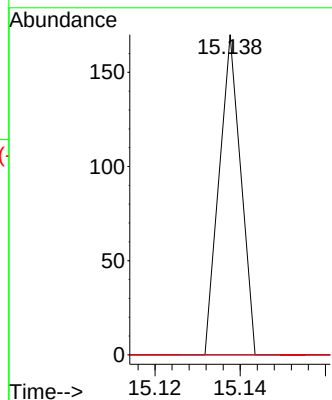
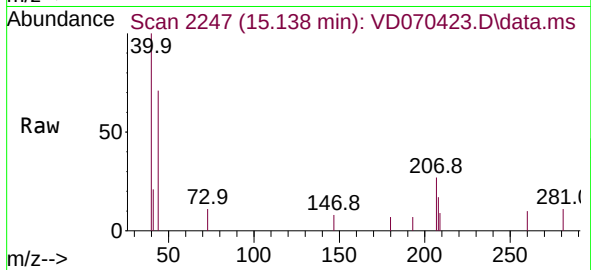
Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 0.0 16.8 50.4#



Instrument :
MSVOA_D
ClientSampleId :
TP-B