

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070407.D
 Acq On : 21 Sep 2021 16:35
 Operator : VA/SY
 Sample : M3832-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:48:21 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)

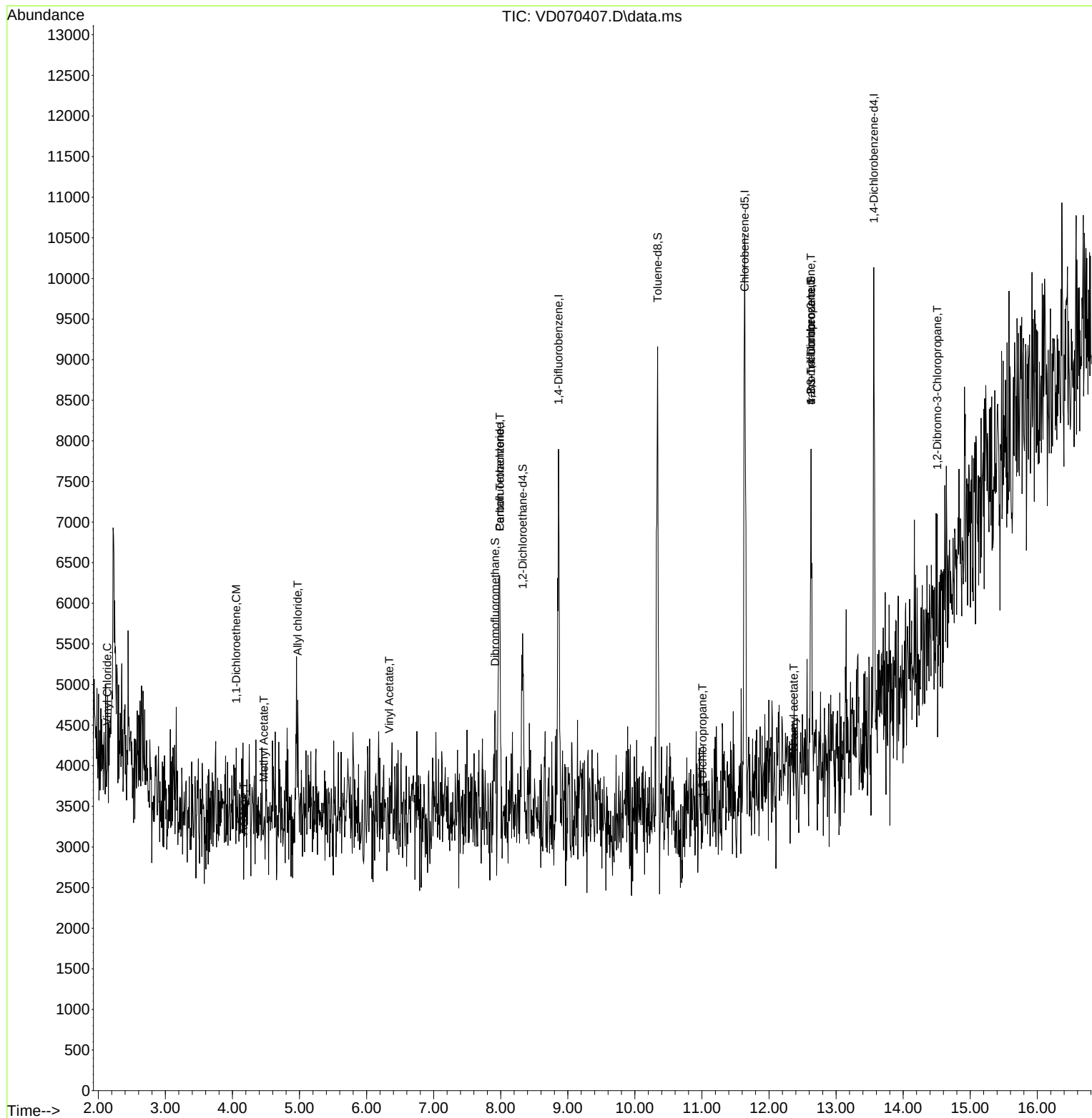
Internal Standards						
1) Pentafluorobenzene	7.985	168	2661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	3952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4655	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1748	51.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.320%	
35) Dibromofluoromethane	7.914	113	996	35.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.820%	
50) Toluene-d8	10.338	98	4075	39.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.800%	
62) 4-Bromofluorobenzene	12.626	95	1549	43.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.800%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.132	62	55	1.314	ug/l	# 44
6) Chloroethane	2.644	64	59	Below Cal	#	43
12) 1,1-Dichloroethene	4.056	96	68	2.195	ug/l	# 1
14) Allyl chloride	4.973	41	55	1.208	ug/l	# 27
16) Acetone	4.168	43	64	10.492	ug/l	# 36
18) Methyl Acetate	4.467	43	72	2.873	ug/l	# 48
20) Methylene Chloride	4.991	84	181	Below Cal	#	9
23) Vinyl Acetate	6.338	43	77	1.706	ug/l	# 68
38) Carbon Tetrachloride	7.985	117	137	3.279	ug/l	# 12
57) 1,3-Dichloropropane	11.008	76	58	1.481	ug/l	# 42
74) N-amyl acetate	12.367	43	63	2.740	ug/l	# 37
76) 1,2,3-Trichloropropane	12.626	75	756	49.661	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	756	124.430	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	55	16.246	ug/l	# 5

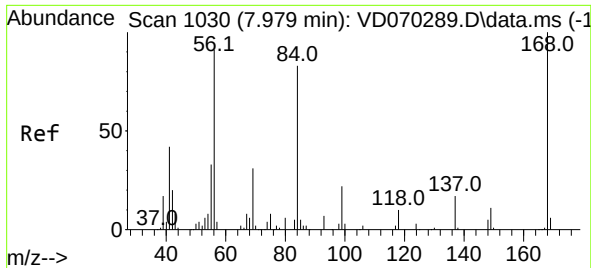
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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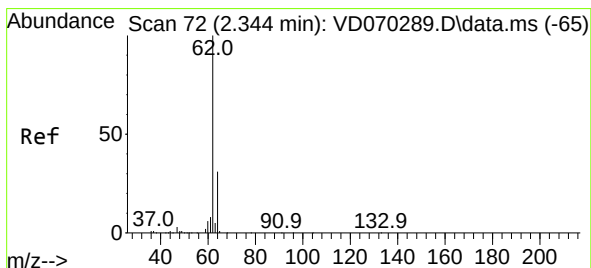
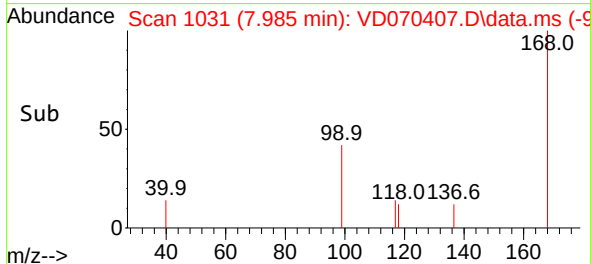
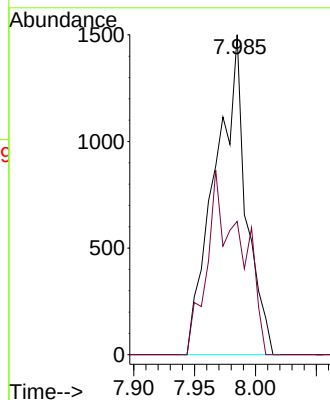
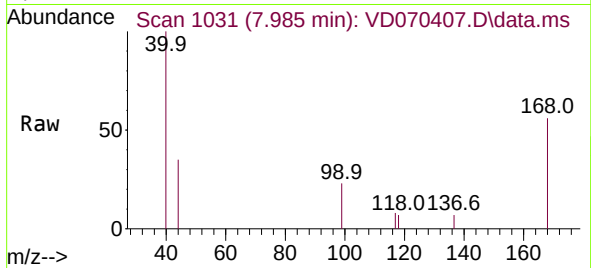




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

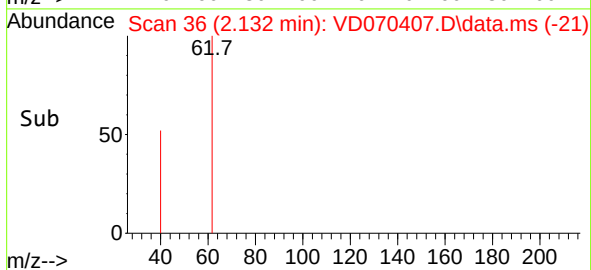
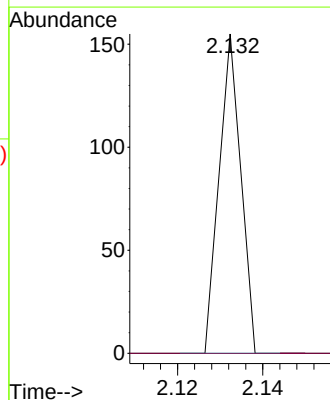
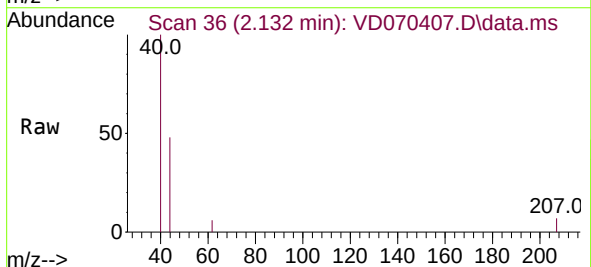
Instrument :
MSVOA_D
ClientSampled :

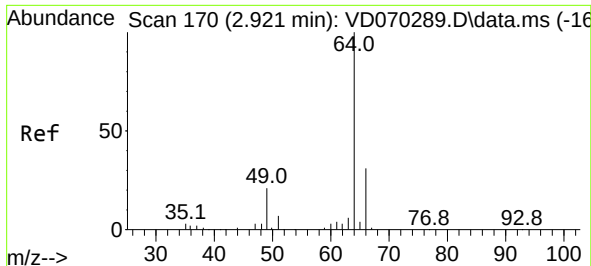
Tgt Ion:168 Resp: 2661
Ion Ratio Lower Upper
168 100
99 41.6 50.8 76.2#



#4
Vinyl Chloride
Concen: 1.314 ug/l
RT: 2.132 min Scan# 36
Delta R.T. -0.212 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Tgt Ion: 62 Resp: 55
Ion Ratio Lower Upper
62 100
64 0.0 24.6 36.8#

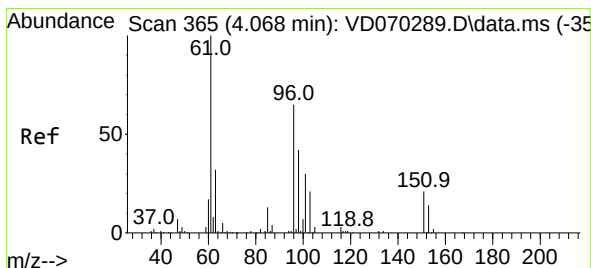
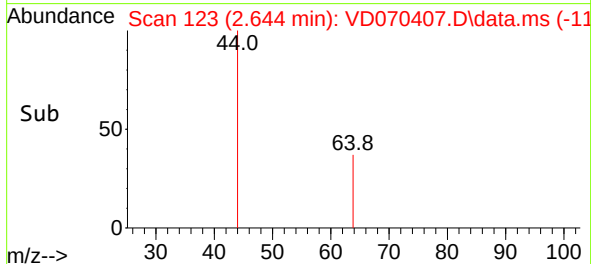
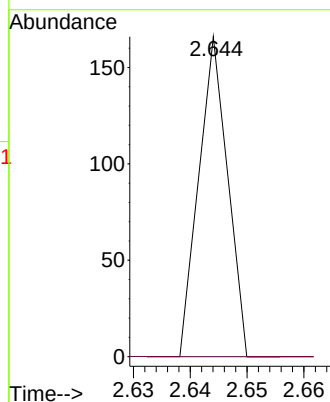
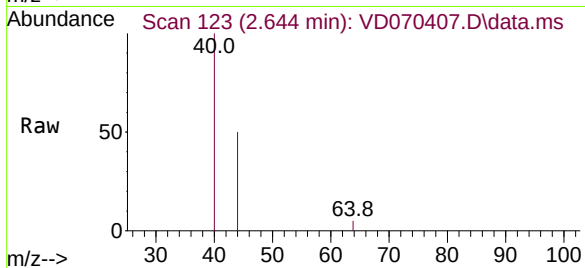




#6
Chloroethane
Concen: Below Cal
RT: 2.644 min Scan# 123
Delta R.T. -0.277 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

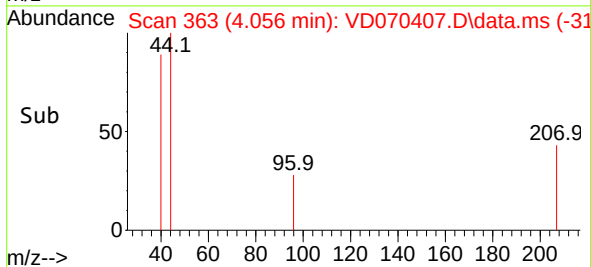
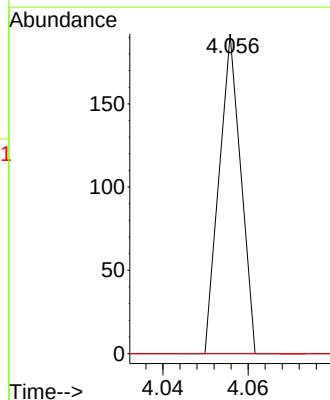
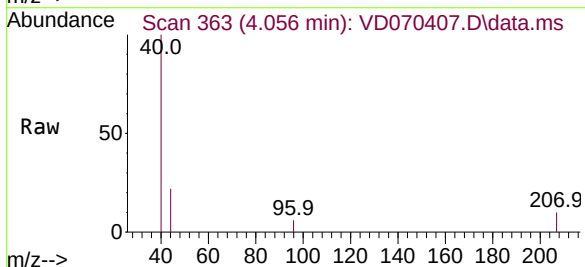
Instrument :
MSVOA_D
ClientSampled :

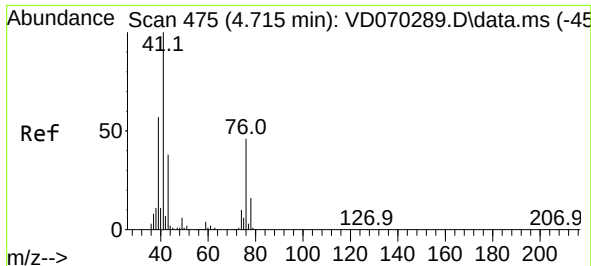
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#12
1,1-Dichloroethene
Concen: 2.195 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Tgt Ion: 96 Resp: 68
Ion Ratio Lower Upper
96 100
61 0.0 123.2 184.8#
98 0.0 51.9 77.9#





#14

Allyl chloride

Concen: 1.208 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.259 min

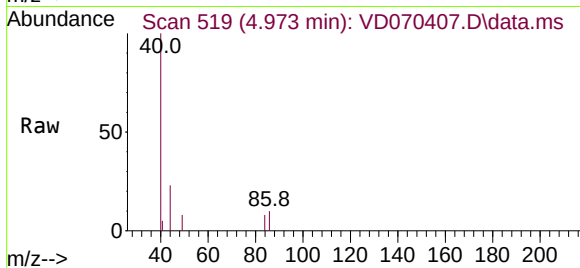
Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

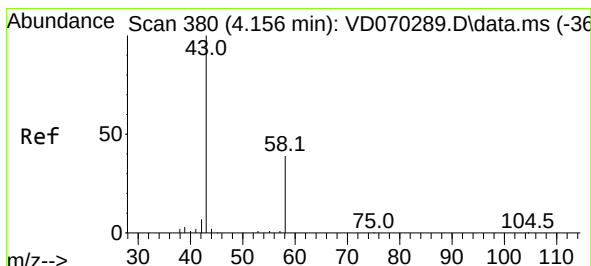
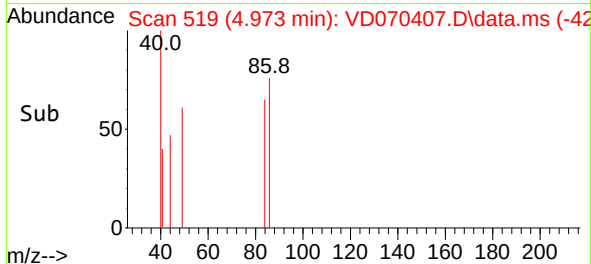
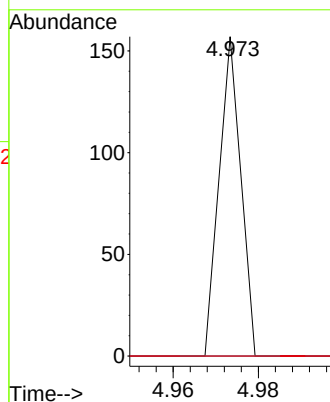
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	41	Resp:	55
Ion Ratio	Lower	Upper	
41	100		
39	0.0	46.2	69.4#
76	0.0	34.1	51.1#



#16

Acetone

Concen: 10.492 ug/l

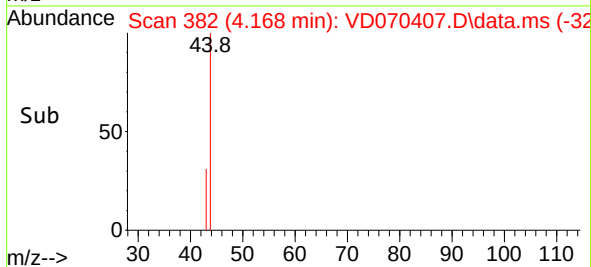
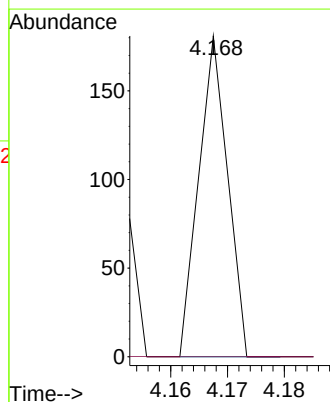
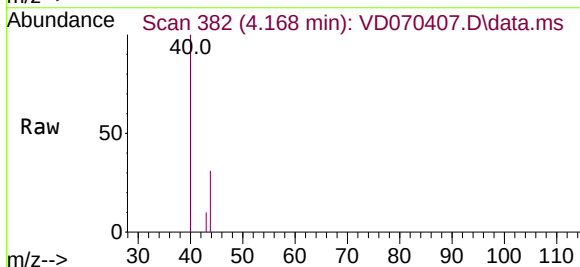
RT: 4.168 min Scan# 382

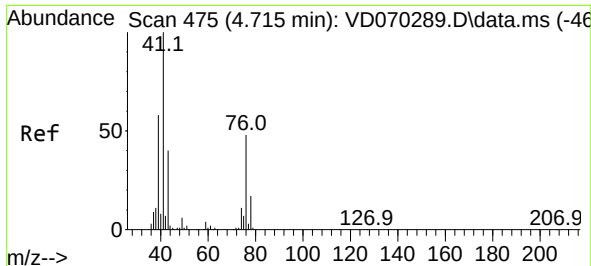
Delta R.T. 0.012 min

Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

Tgt Ion:	43	Resp:	64
Ion Ratio	Lower	Upper	
43	100		
58	0.0	30.9	46.3#





#18

Methyl Acetate

Concen: 2.873 ug/l

RT: 4.467 min Scan# 433

Delta R.T. -0.248 min

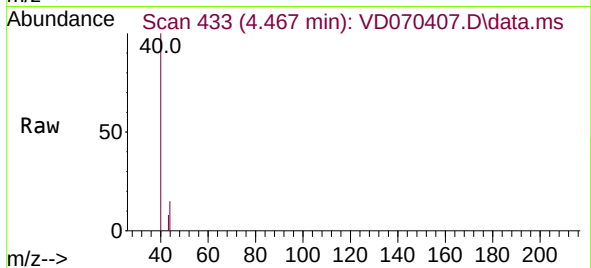
Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

Instrument :

MSVOA_D

ClientSampled :

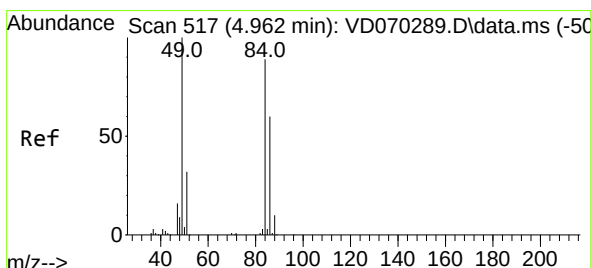
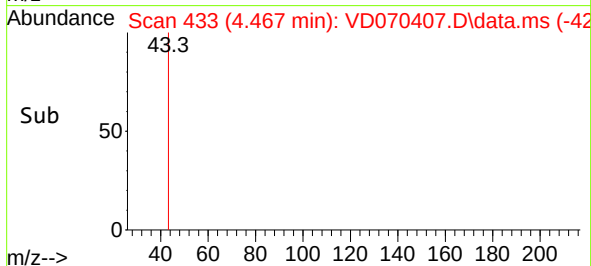
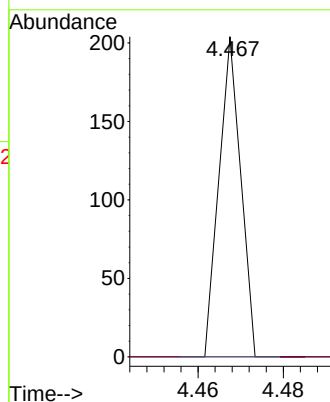


Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.991 min Scan# 522

Delta R.T. 0.029 min

Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

Tgt Ion: 84 Resp: 181

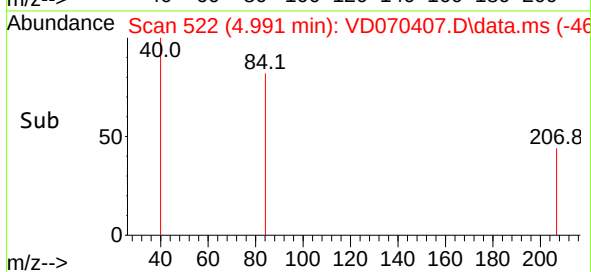
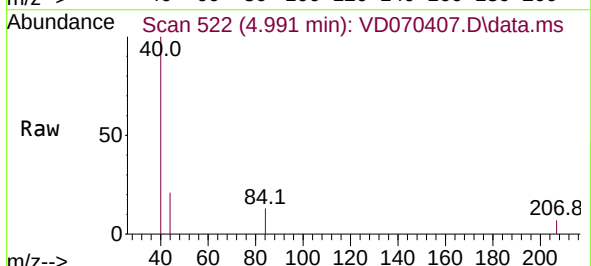
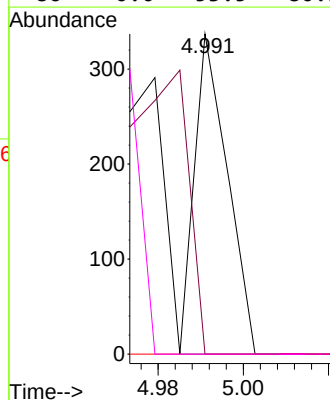
Ion Ratio Lower Upper

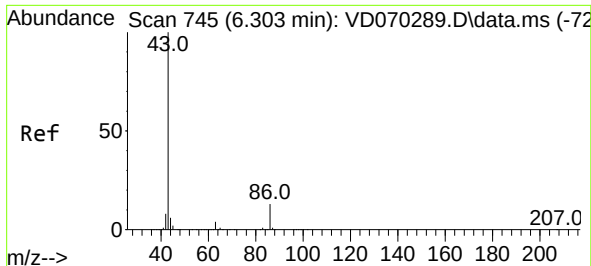
84 100

49 0.0 89.6 134.4#

51 0.0 28.6 43.0#

86 0.0 53.5 80.3#

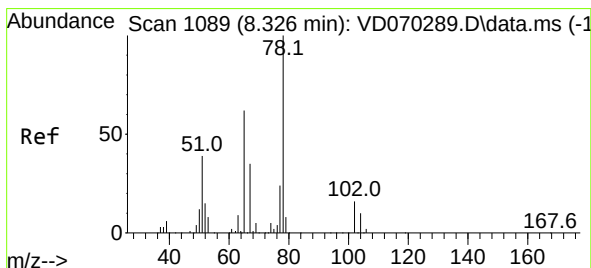
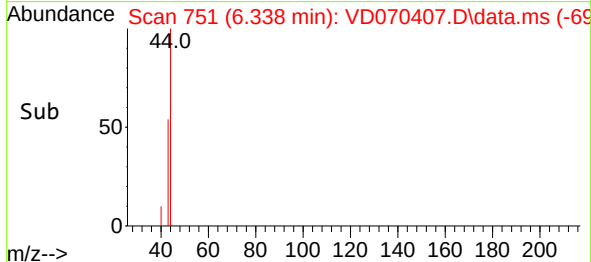
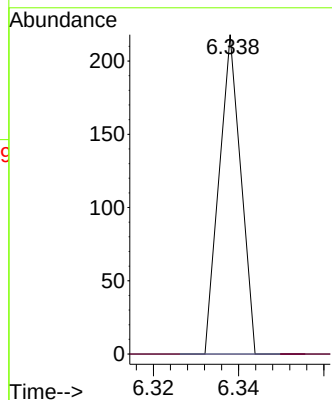
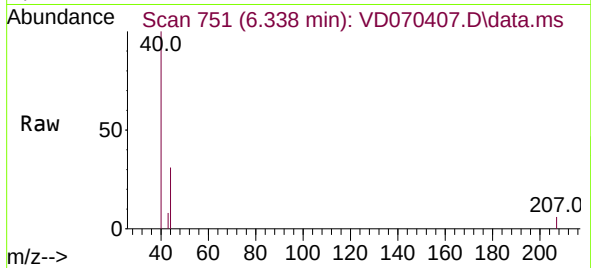




#23
 Vinyl Acetate
 Concen: 1.706 ug/l
 RT: 6.338 min Scan# 751
 Delta R.T. 0.035 min
 Lab File: VD070407.D
 Acq: 21 Sep 2021 16:35

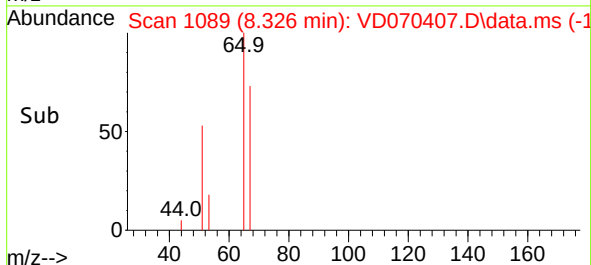
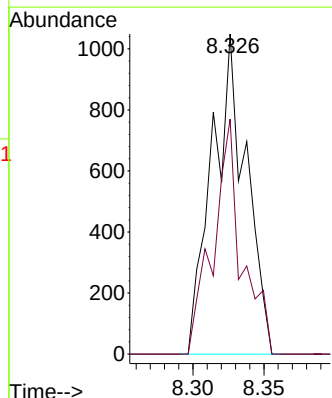
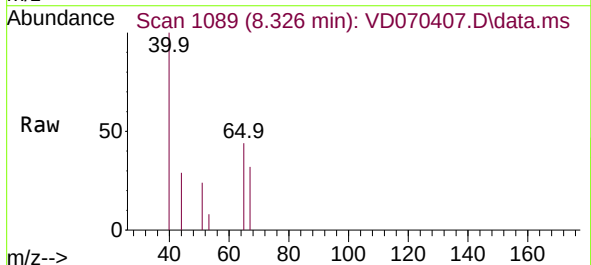
Instrument :
 MSVOA_D
 ClientSampled :

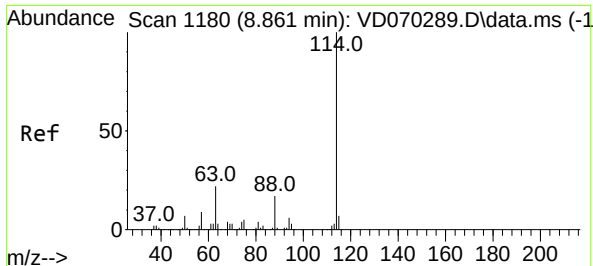
Tgt Ion: 43 Resp: 77
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.2 15.4#



#33
 1,2-Dichloroethane-d4
 Concen: 51.159 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070407.D
 Acq: 21 Sep 2021 16:35

Tgt Ion: 65 Resp: 1748
 Ion Ratio Lower Upper
 65 100
 67 61.7 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

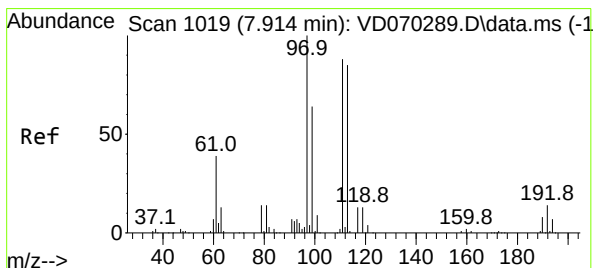
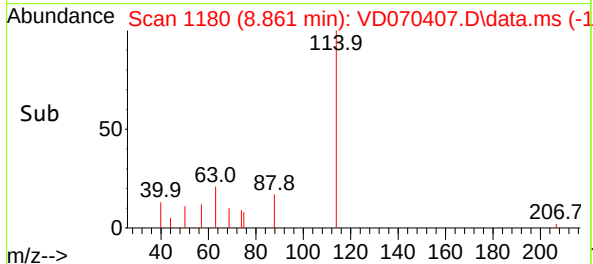
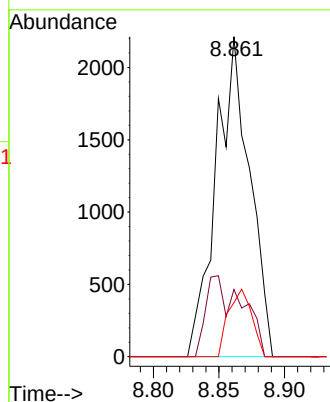
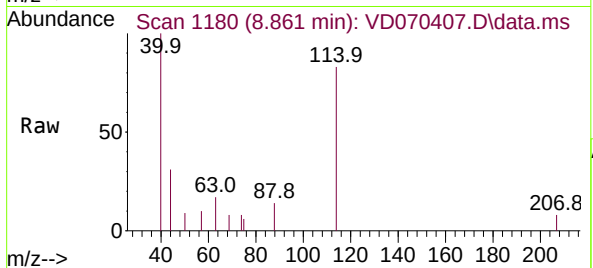
Delta R.T. -0.000 min

Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

Tgt Ion:	114	Resp:	3952
Ion Ratio	100	Lower	Upper
63	21.0	0.0	43.4
88	16.9	0.0	33.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 35.406 ug/l

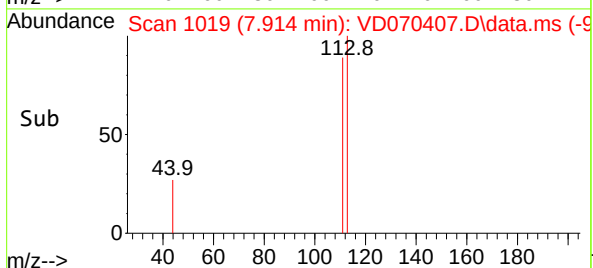
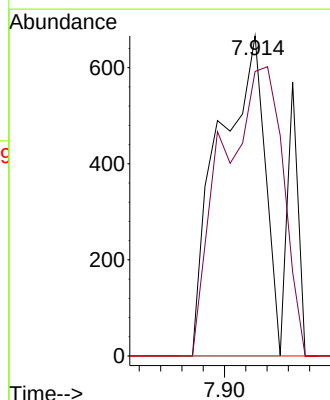
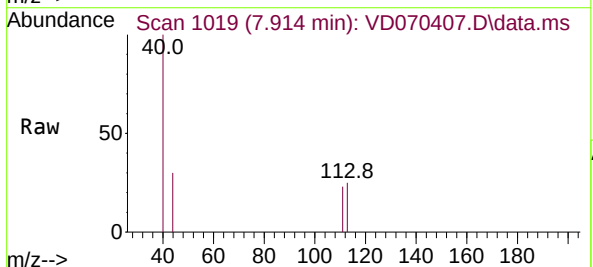
RT: 7.914 min Scan# 1019

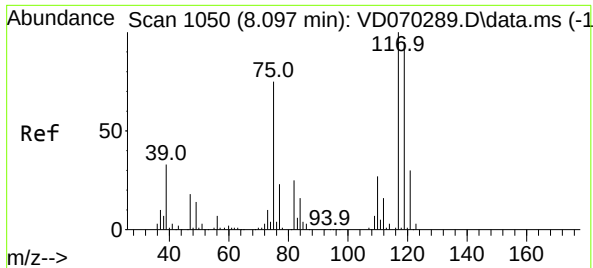
Delta R.T. -0.000 min

Lab File: VD070407.D

Acq: 21 Sep 2021 16:35

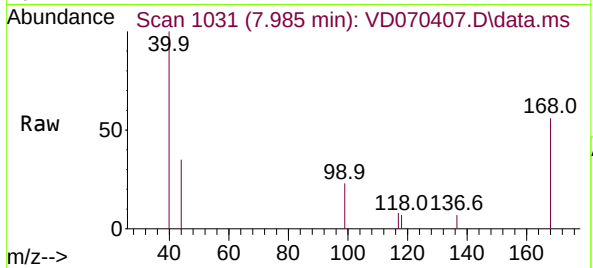
Tgt Ion:	113	Resp:	996
Ion Ratio	100	Lower	Upper
111	119.4	81.4	122.2
192	0.0	13.0	19.6#



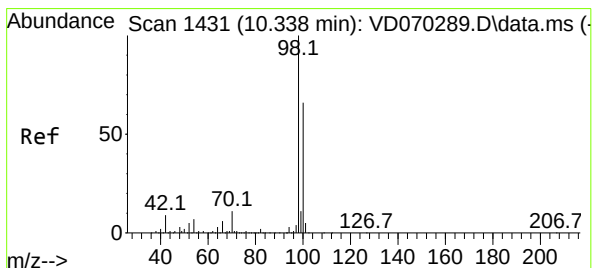
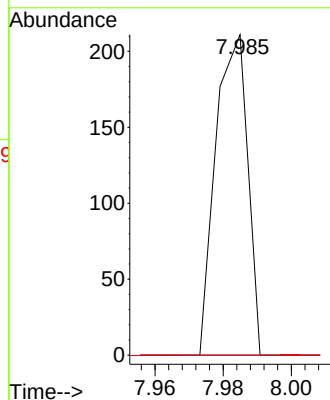
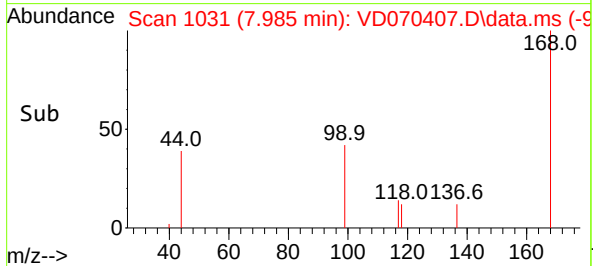


#38
Carbon Tetrachloride
Concen: 3.279 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

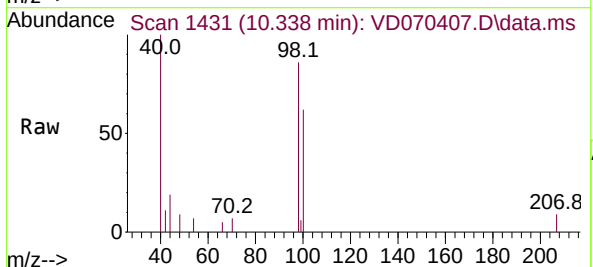
Instrument :
MSVOA_D
ClientSampled :



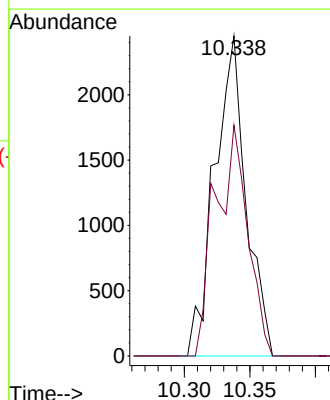
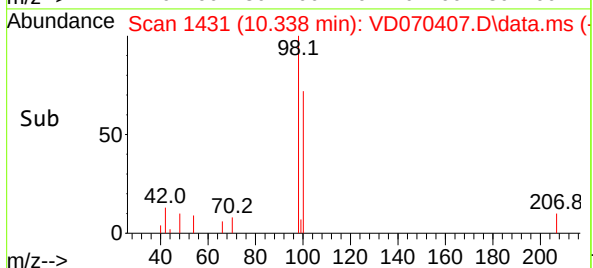
Tgt Ion:117 Resp: 137
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#

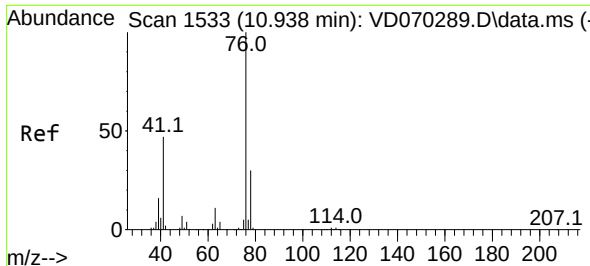


#50
Toluene-d8
Concen: 39.898 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35



Tgt Ion: 98 Resp: 4075
Ion Ratio Lower Upper
98 100
100 74.5 52.0 78.0

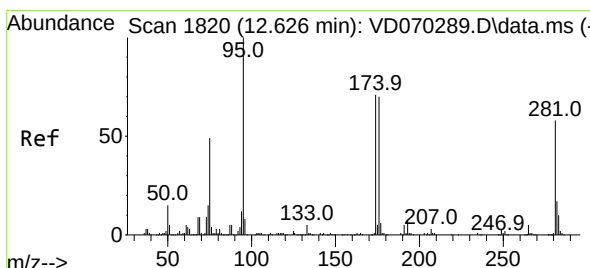
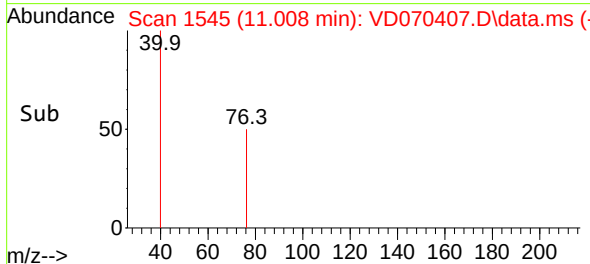
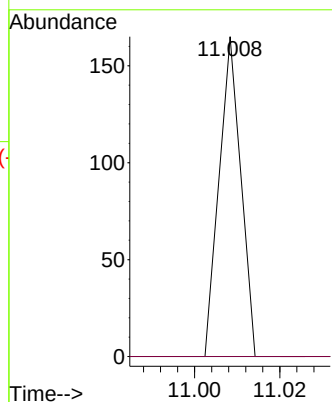
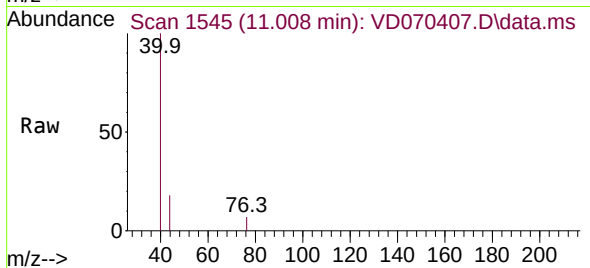




#57
1,3-Dichloropropane
Concen: 1.481 ug/l
RT: 11.008 min Scan# 1545
Delta R.T. 0.071 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

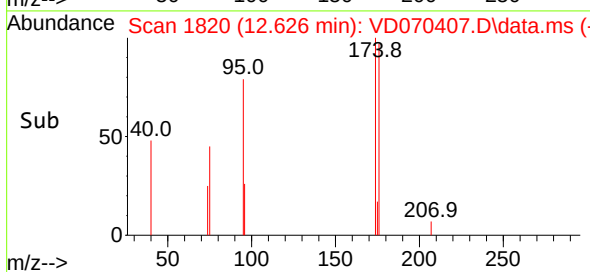
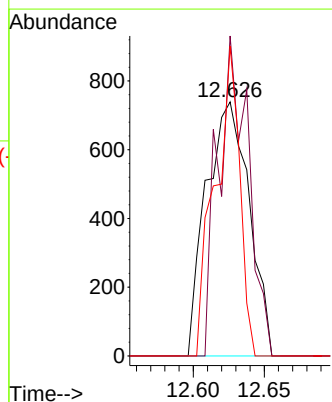
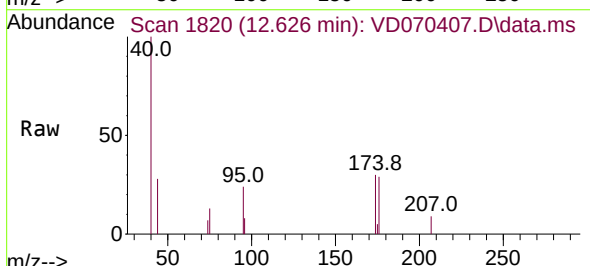
Instrument :
MSVOA_D
ClientSampled :

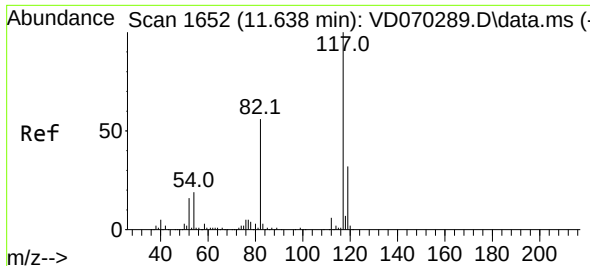
Tgt Ion: 76 Resp: 58
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#62
4-Bromofluorobenzene
Concen: 43.395 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Tgt Ion: 95 Resp: 1549
Ion Ratio Lower Upper
95 100
174 88.5 0.0 140.6
176 70.1 0.0 137.4

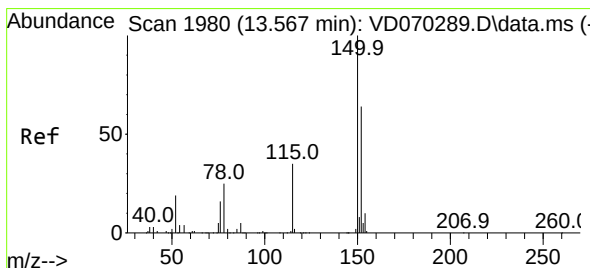
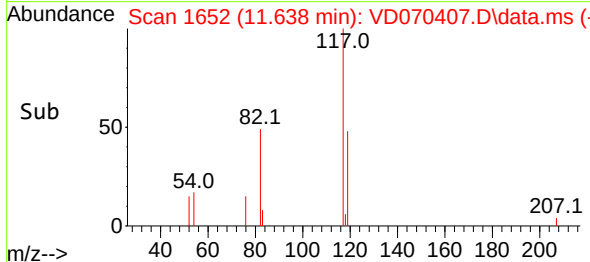
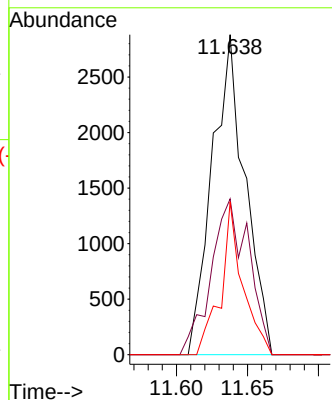
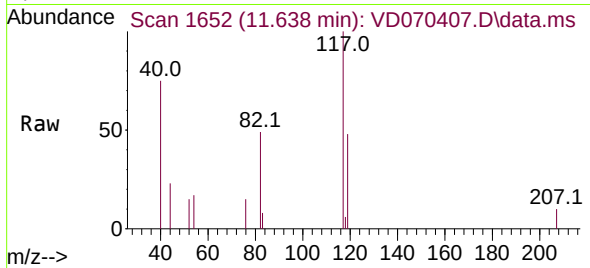




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

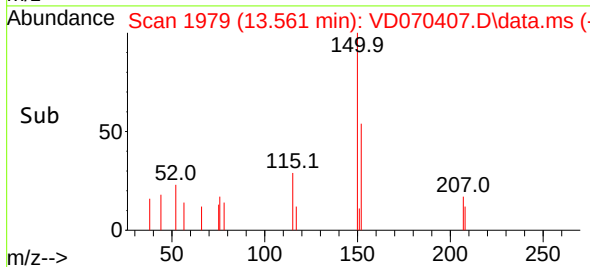
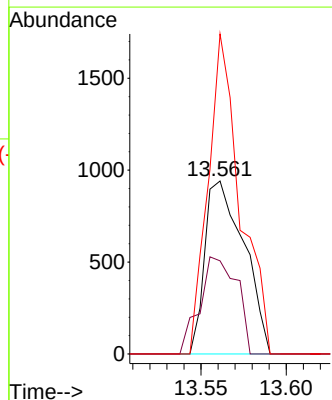
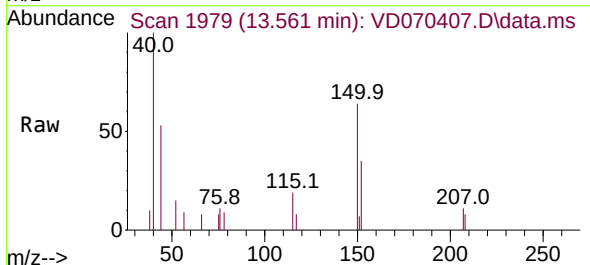
Instrument :
MSVOA_D
ClientSampled :

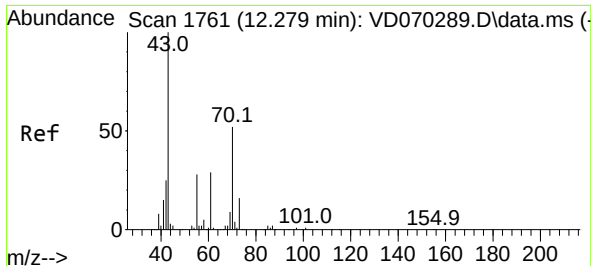
Tgt Ion:117 Resp: 4655
Ion Ratio Lower Upper
117 100
82 48.7 45.0 67.4
119 47.8 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

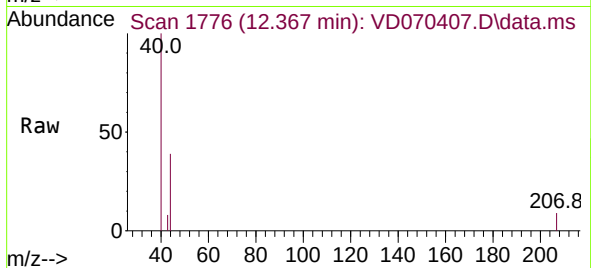
Tgt Ion:152 Resp: 1505
Ion Ratio Lower Upper
152 100
115 53.1 32.1 96.3
150 151.4 0.0 350.6



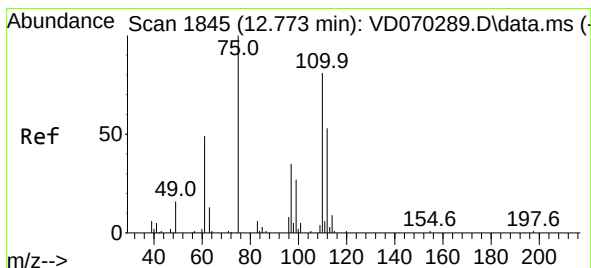
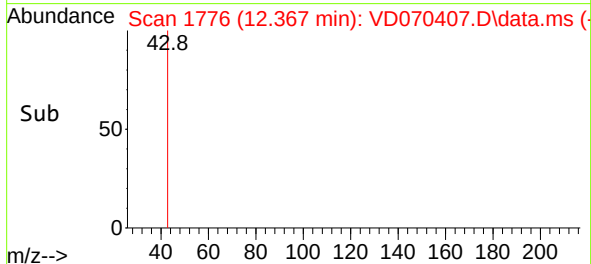
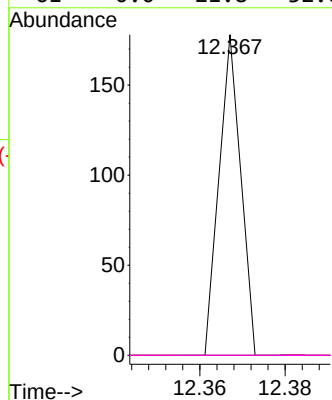


#74
N-amy1 acetate
Concen: 2.740 ug/l
RT: 12.367 min Scan# 1776
Delta R.T. 0.088 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Instrument :
MSVOA_D
ClientSampleId :

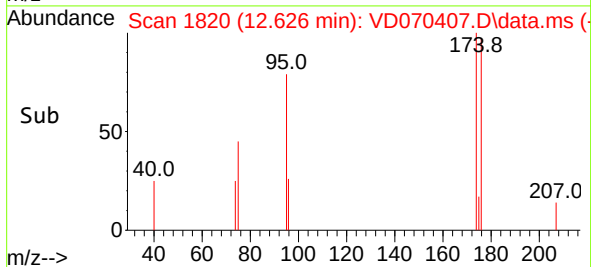
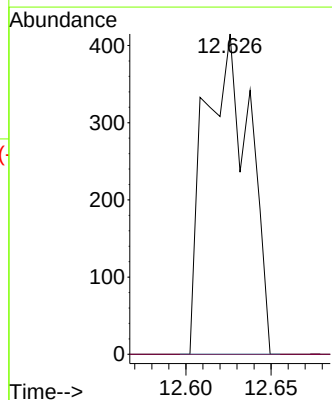
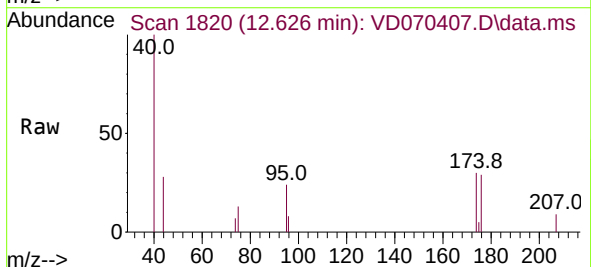


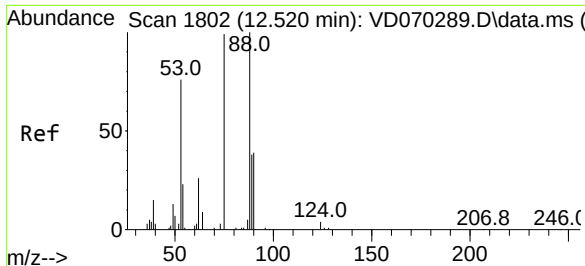
Tgt Ion: 43	Resp: 63
Ion Ratio	Lower Upper
43	100
70	0.0 41.4 62.0#
55	0.0 22.8 34.2#
61	0.0 21.8 32.6#



#76
1,2,3-Trichloropropane
Concen: 49.661 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Tgt Ion: 75	Resp: 756
Ion Ratio	Lower Upper
75	100
77	0.0 174.9 524.7#

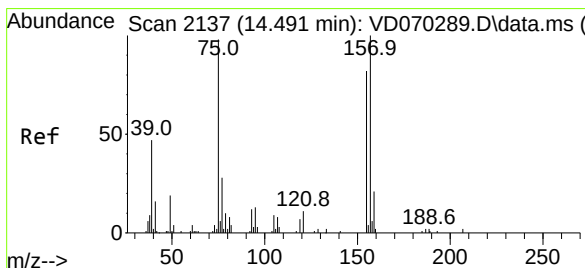
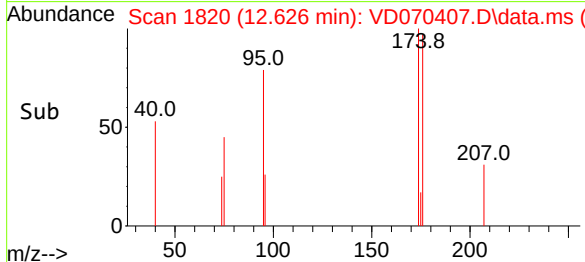
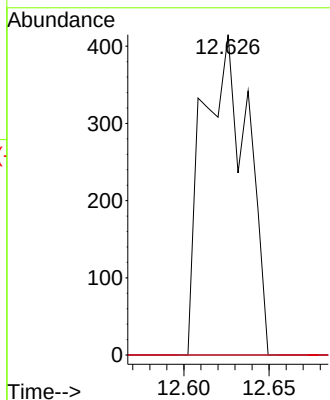
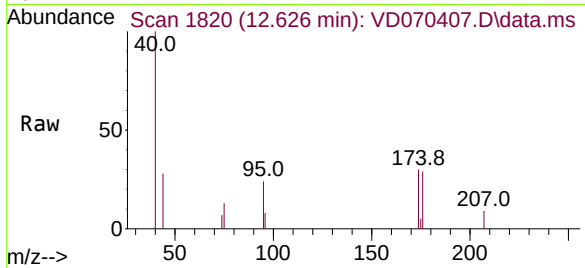




#81
trans-1,4-Dichloro-2-butene
Concen: 124.430 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Instrument :
MSVOA_D
ClientSampled :

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.246 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD070407.D
Acq: 21 Sep 2021 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.3	120.9#
157	0.0	48.9	146.6#

