

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070408.D
 Acq On : 21 Sep 2021 17:03
 Operator : VA/SY
 Sample : M3821-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-9RE

Quant Time: Sep 22 01:48:31 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)

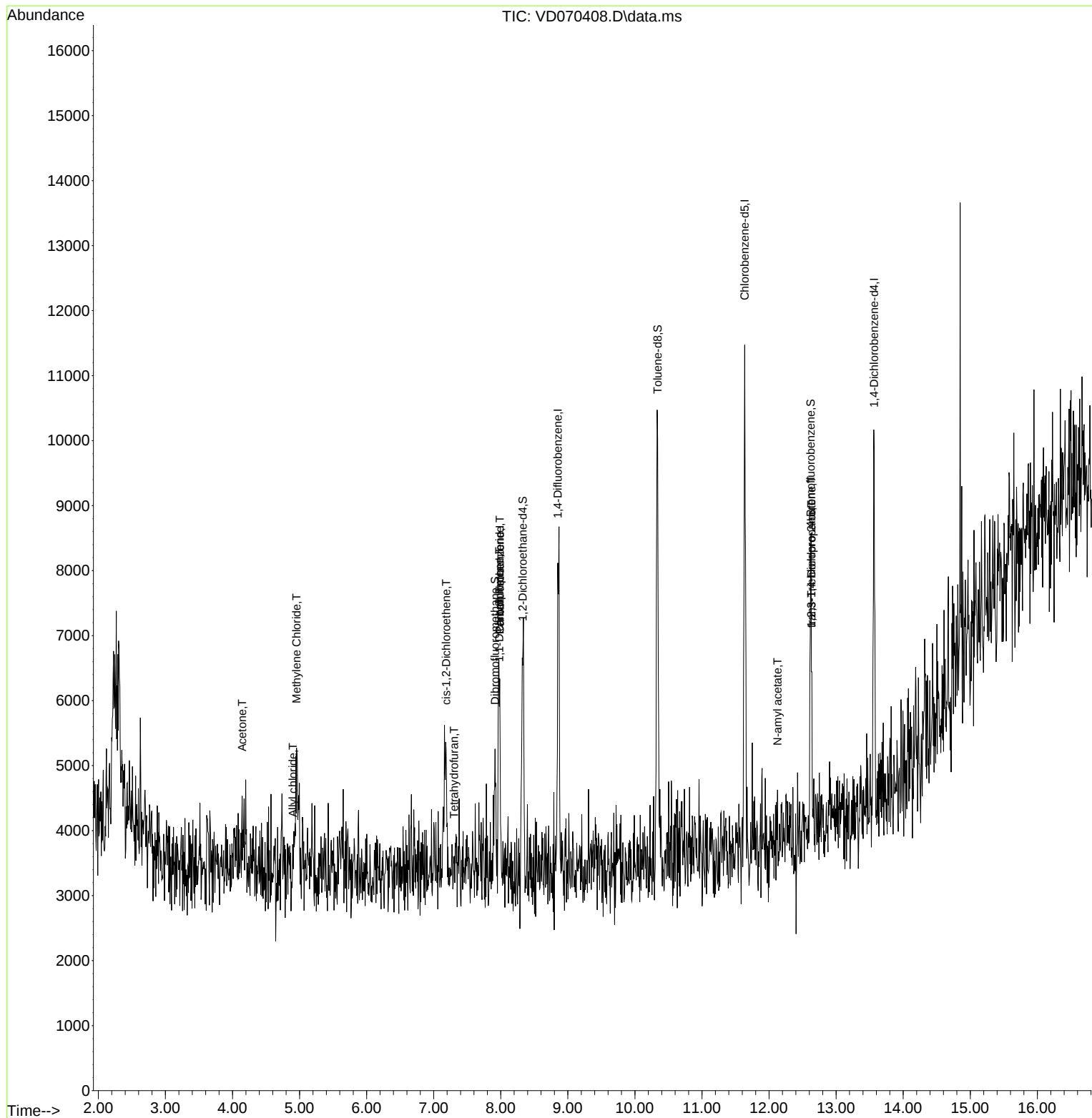
Internal Standards						
1) Pentafluorobenzene	7.985	168	2972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	4703	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	4874	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	1766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2971	77.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 155.700%		
35) Dibromofluoromethane	7.914	113	1551	46.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 92.660%		
50) Toluene-d8	10.338	98	6077	49.998	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 100.000%		
62) 4-Bromofluorobenzene	12.620	95	1479	34.818	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 69.640%		
Target Compounds						Qvalue
3) Chloromethane	2.220	50	121	Below Cal	#	42
5) Bromomethane	2.791	94	57	Below Cal	#	36
14) Allyl chloride	4.903	41	73	1.436	ug/l #	27
16) Acetone	4.144	43	572	83.956	ug/l	96
20) Methylene Chloride	4.956	84	865	15.339	ug/l #	18
27) cis-1,2-Dichloroethene	7.185	96	133	3.006	ug/l #	1
29) Tetrahydrofuran	7.303	42	75	12.882	ug/l #	29
36) 1,1-Dichloropropene	7.979	75	272	5.411	ug/l #	41
38) Carbon Tetrachloride	7.985	117	67	1.348	ug/l #	12
74) N-amyl acetate	12.126	43	62	2.298	ug/l #	37
76) 1,2,3-Trichloropropane	12.632	75	879	49.207	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	879	123.293	ug/l #	17

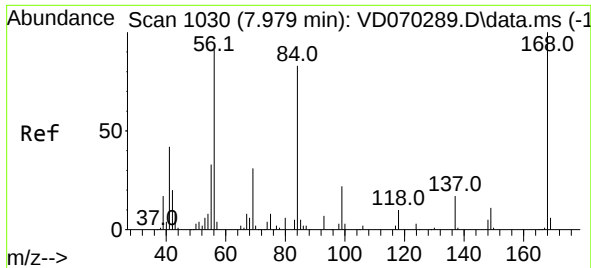
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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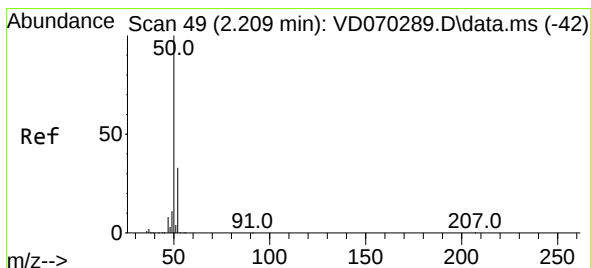
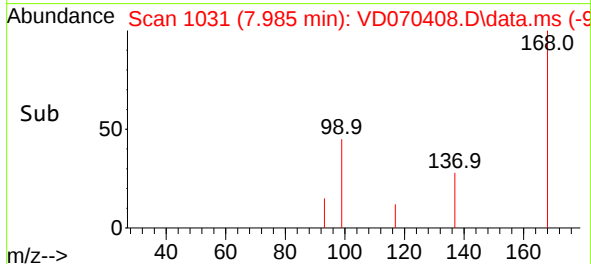
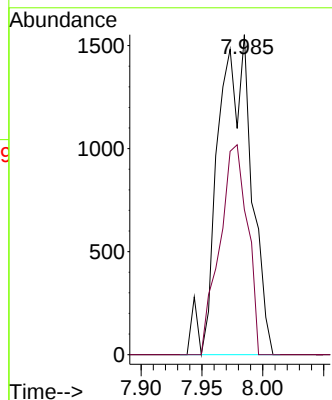
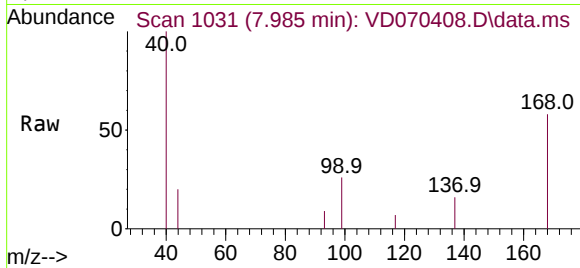




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

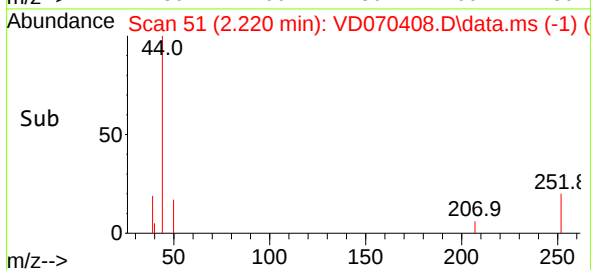
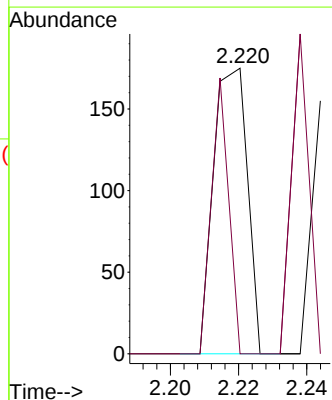
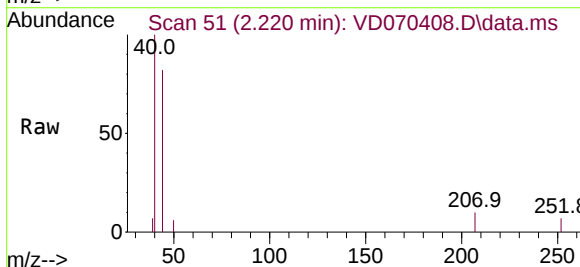
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

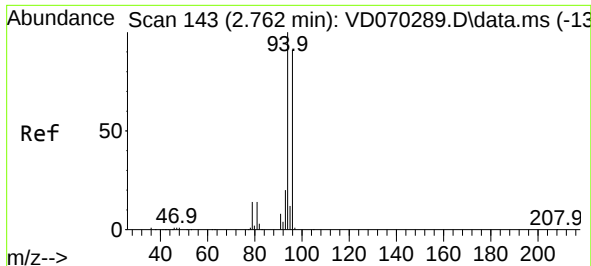
Tgt Ion:168 Resp: 2972
Ion Ratio Lower Upper
168 100
99 45.3 50.8 76.2#



#3
Chloromethane
Concen: Below Cal
RT: 2.220 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

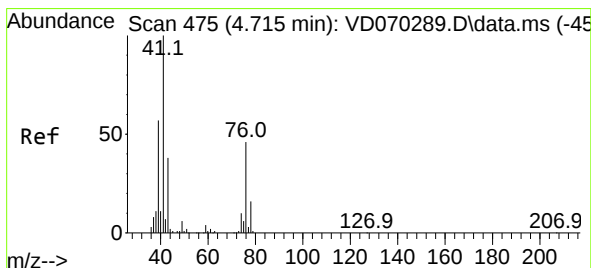
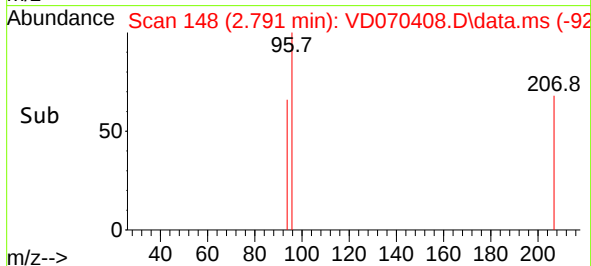
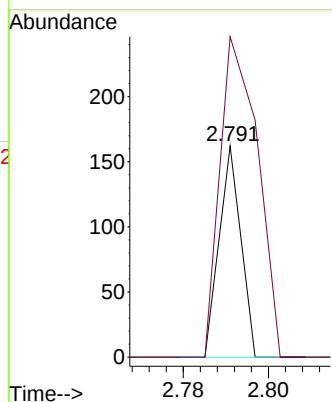
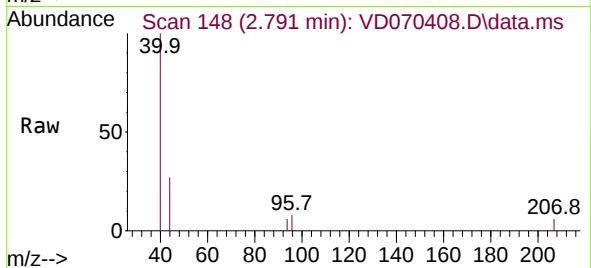




#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.029 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

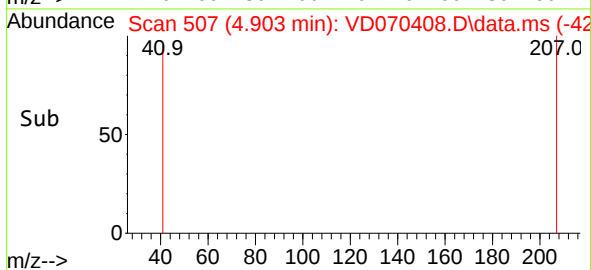
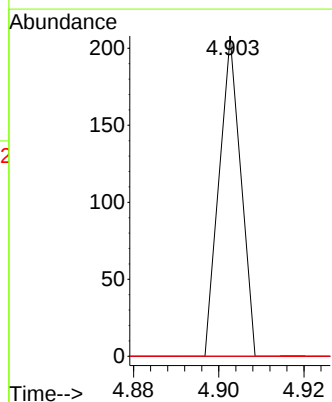
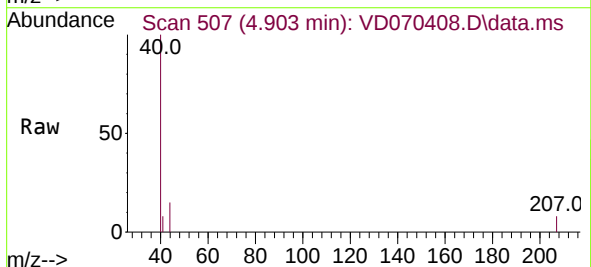
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

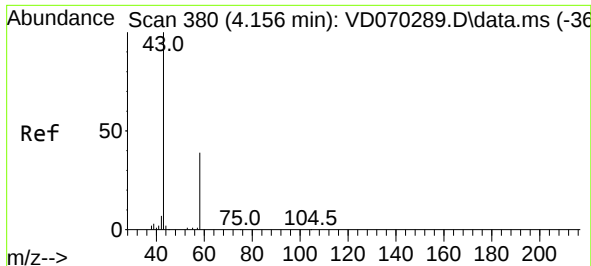
Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 151.9 73.0 109.6#



#14
Allyl chloride
Concen: 1.436 ug/l
RT: 4.903 min Scan# 507
Delta R.T. 0.188 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.4#
76 0.0 34.1 51.1#

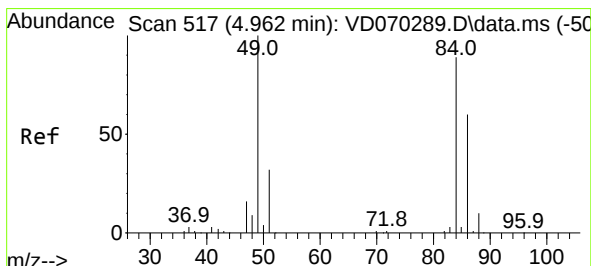
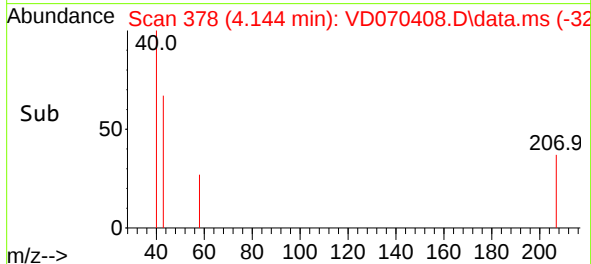
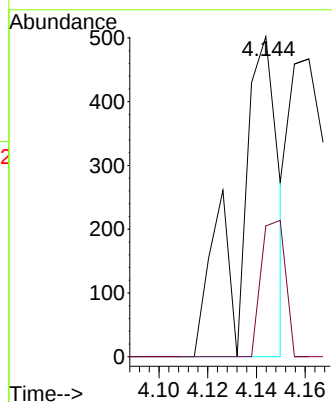
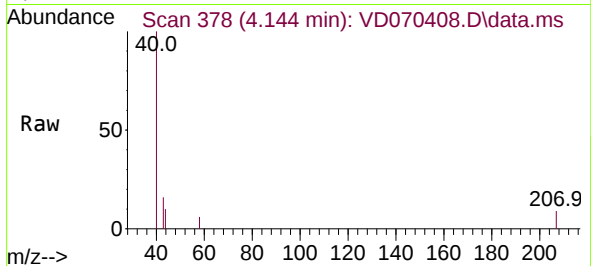




#16
Acetone
Concen: 83.956 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

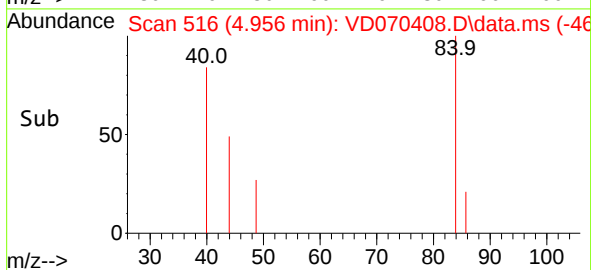
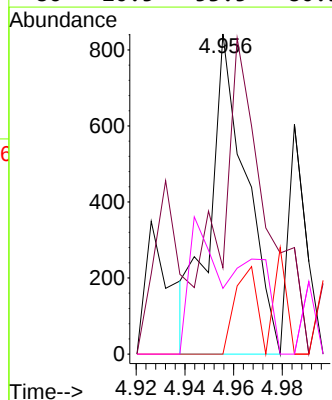
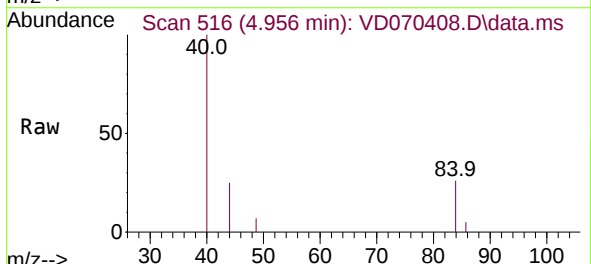
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

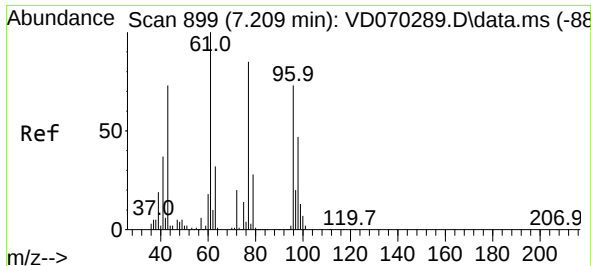
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 40.8 30.9 46.3



#20
Methylene Chloride
Concen: 15.339 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 2.0 89.6 134.4#
51 0.0 28.6 43.0#
86 20.5 53.5 80.3#

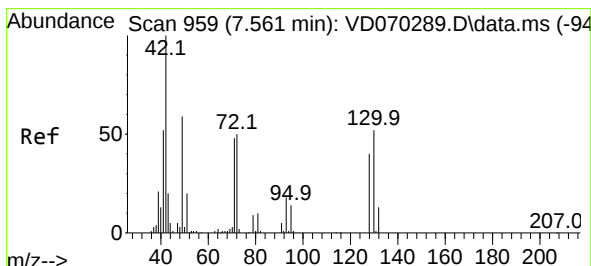
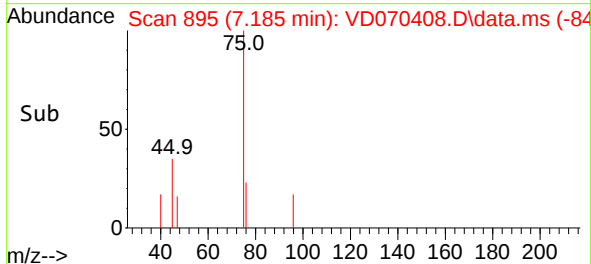
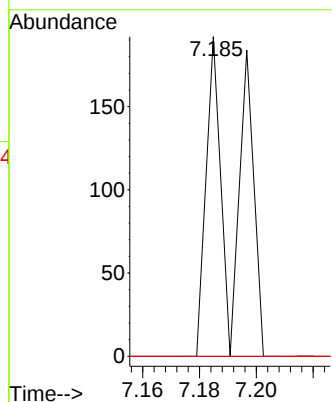
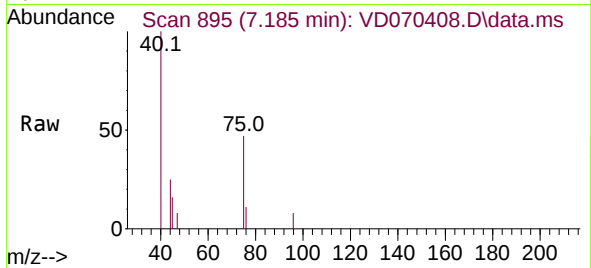




#27
 cis-1,2-Dichloroethene
 Concen: 3.006 ug/l
 RT: 7.185 min Scan# 895
 Delta R.T. -0.024 min
 Lab File: VD070408.D
 Acq: 21 Sep 2021 17:03

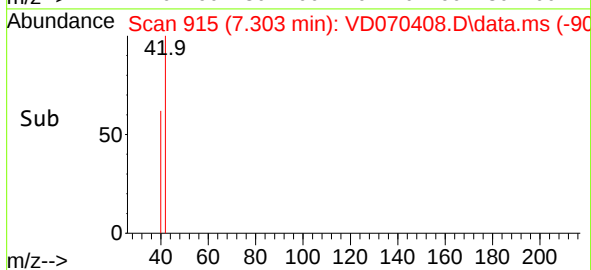
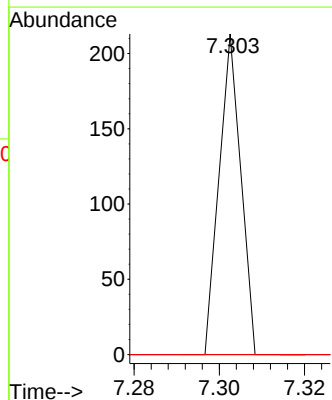
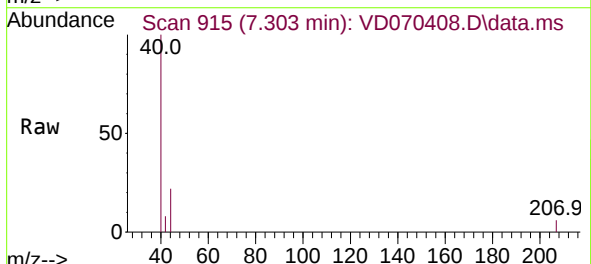
Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-9RE

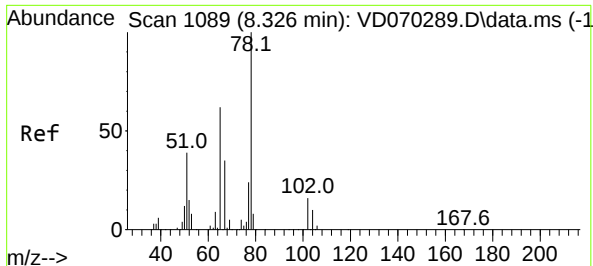
Tgt Ion:	96	Resp:	133
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	277.4
98	0.0	0.0	130.0



#29
 Tetrahydrofuran
 Concen: 12.882 ug/l
 RT: 7.303 min Scan# 915
 Delta R.T. -0.259 min
 Lab File: VD070408.D
 Acq: 21 Sep 2021 17:03

Tgt Ion:	42	Resp:	75
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.8	58.2#
71	0.0	37.8	56.6#





#33

1,2-Dichloroethane-d4

Concen: 77.854 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

Tgt Ion: 65 Resp: 2971

Ion Ratio Lower Upper

65 100

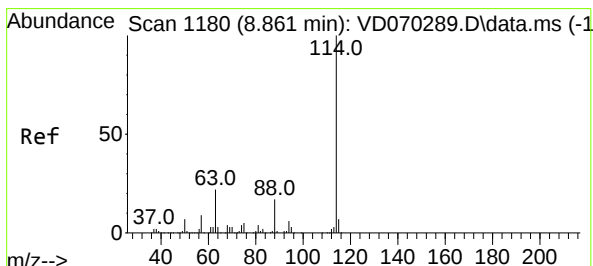
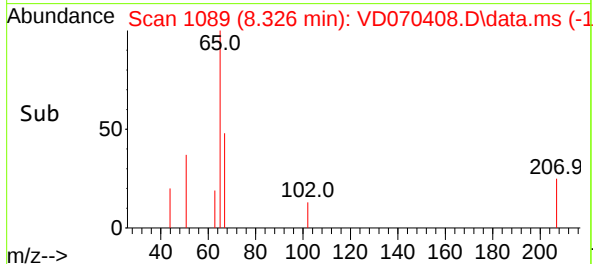
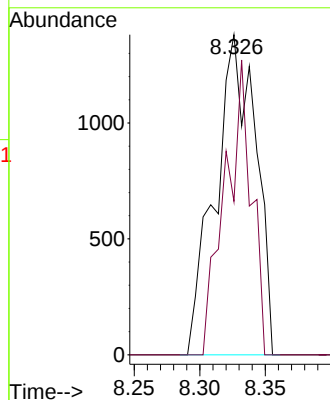
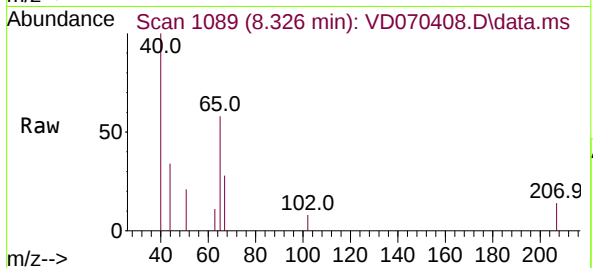
67 59.4 0.0 111.4

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-9RE



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1178

Delta R.T. -0.012 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

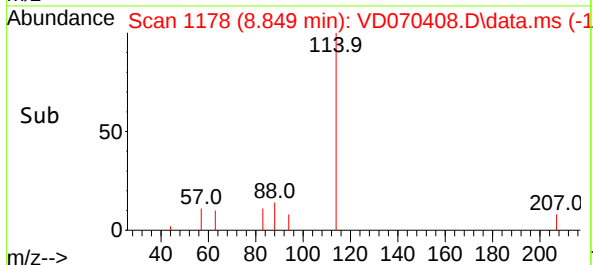
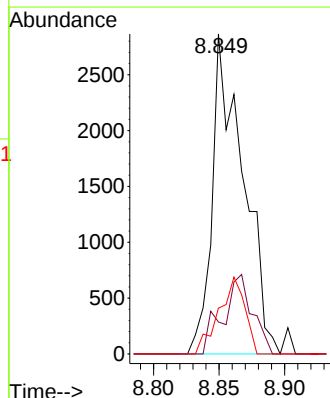
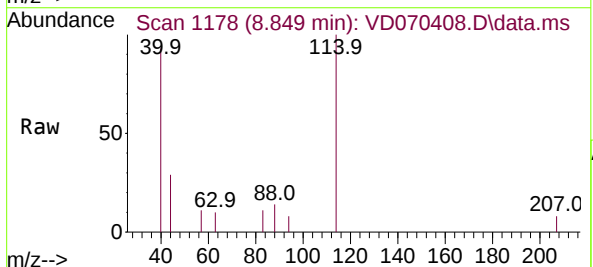
Tgt Ion:114 Resp: 4703

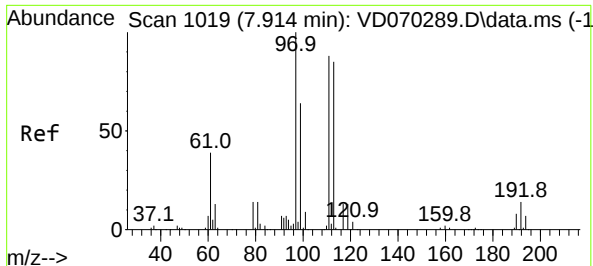
Ion Ratio Lower Upper

114 100

63 10.0 0.0 43.4

88 14.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.331 ug/l

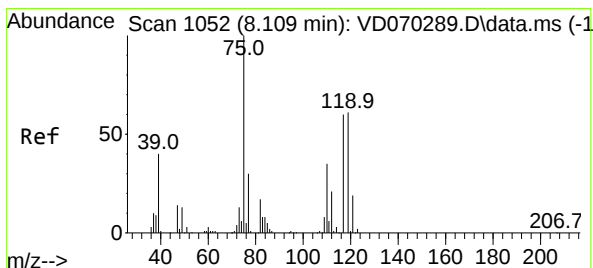
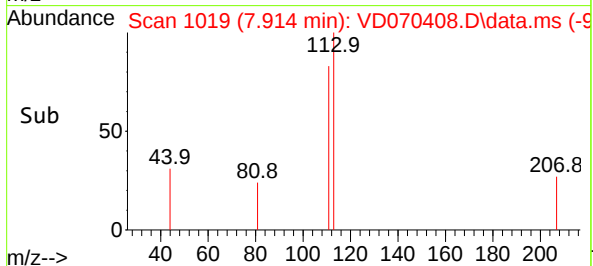
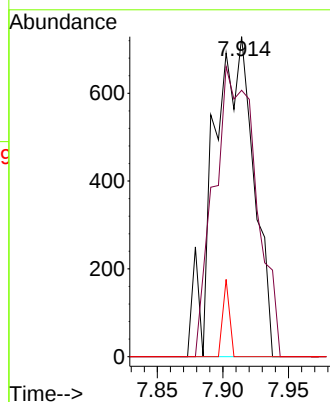
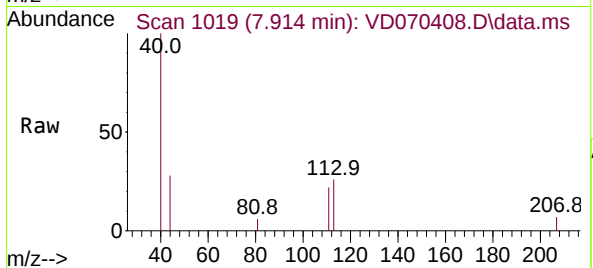
RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

Tgt Ion:	113	Resp:	1551
Ion	Ratio	Lower	Upper
113	100		
111	94.5	81.4	122.2
192	4.0	13.0	19.6#



#36

1,1-Dichloropropene

Concen: 5.411 ug/l

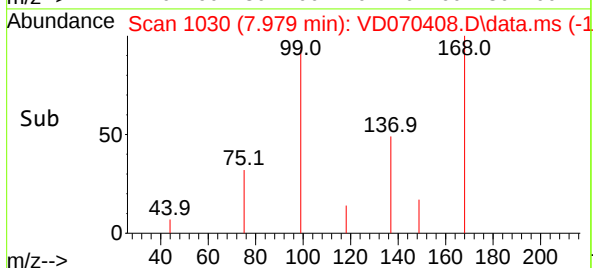
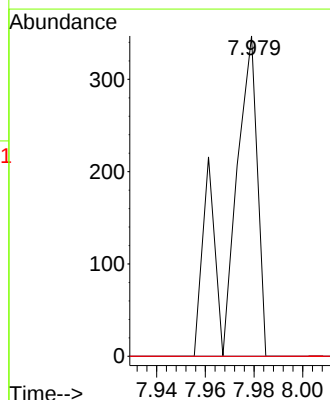
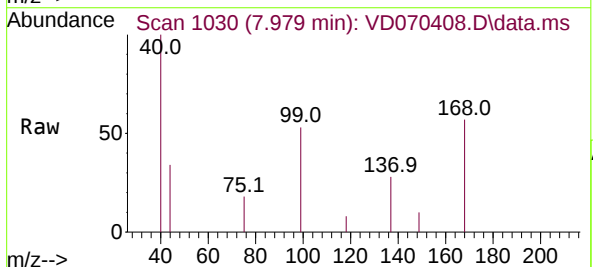
RT: 7.979 min Scan# 1030

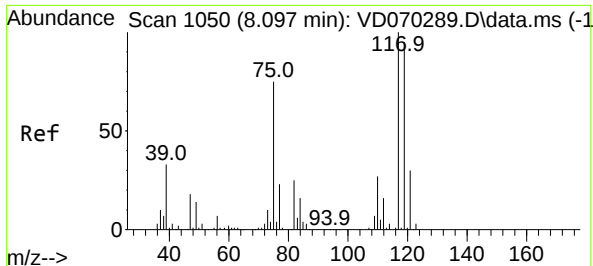
Delta R.T. -0.130 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

Tgt Ion:	75	Resp:	272
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.7#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 1.348 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

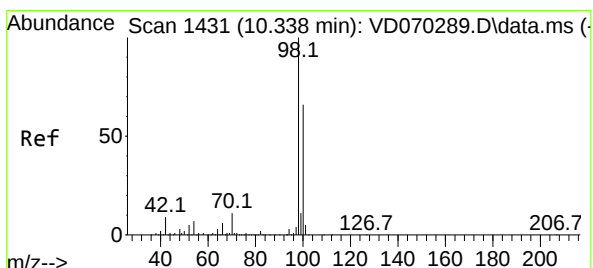
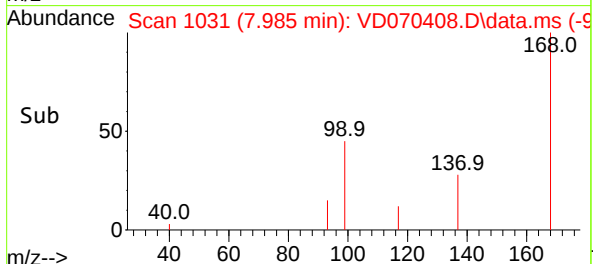
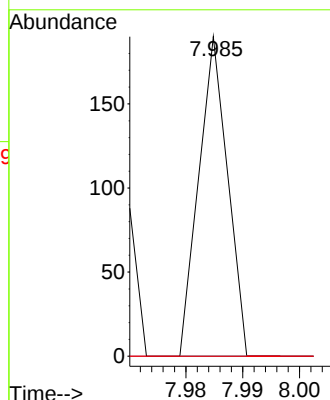
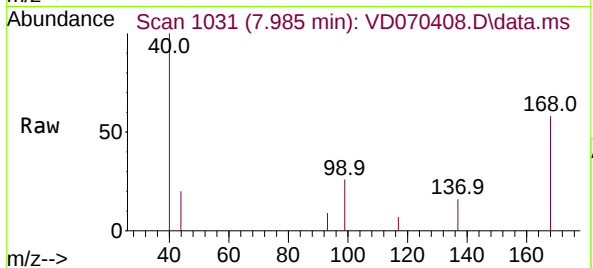
Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-9RE

Tgt Ion:	117	Resp:	67
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.1	114.1#
121	0.0	23.8	35.6#



#50

Toluene-d8

Concen: 49.998 ug/l

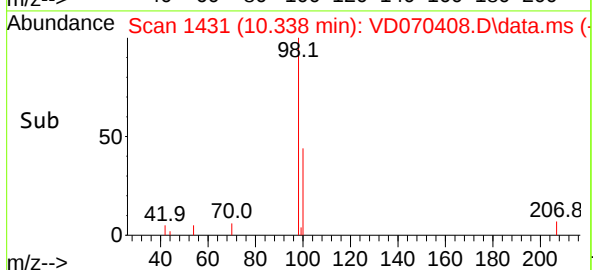
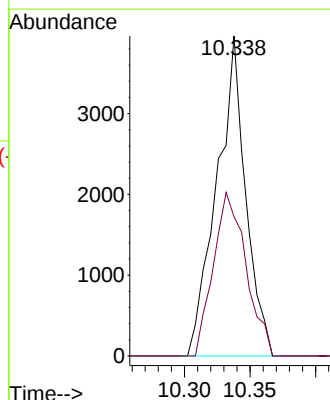
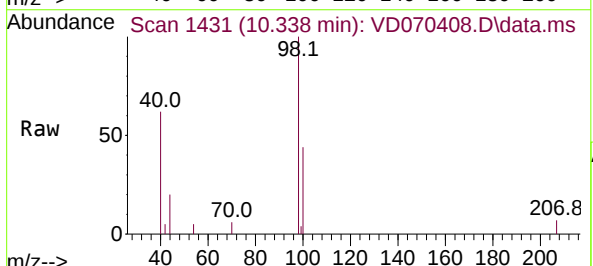
RT: 10.338 min Scan# 1431

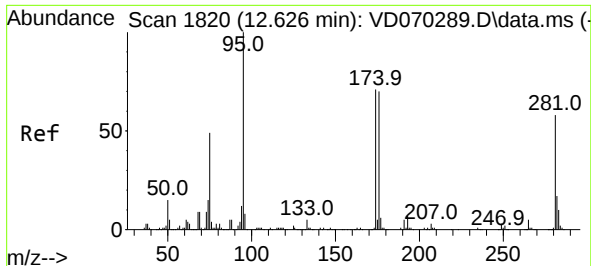
Delta R.T. -0.000 min

Lab File: VD070408.D

Acq: 21 Sep 2021 17:03

Tgt Ion:	98	Resp:	6077
Ion	Ratio	Lower	Upper
98	100		
100	57.6	52.0	78.0

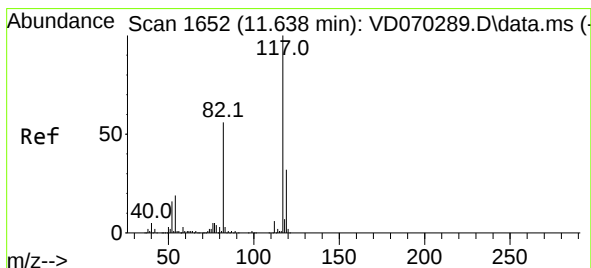
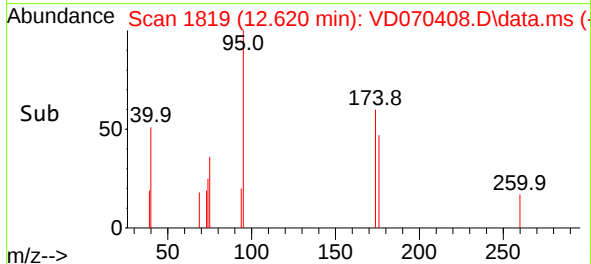
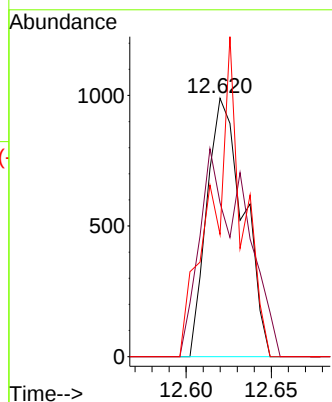
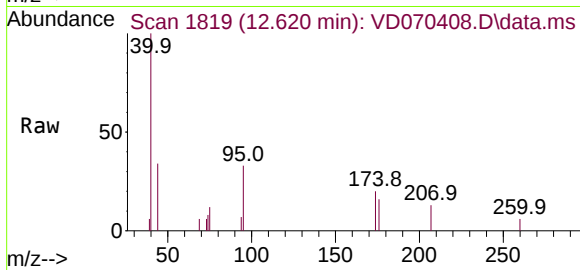




#62
4-Bromofluorobenzene
Concen: 34.818 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

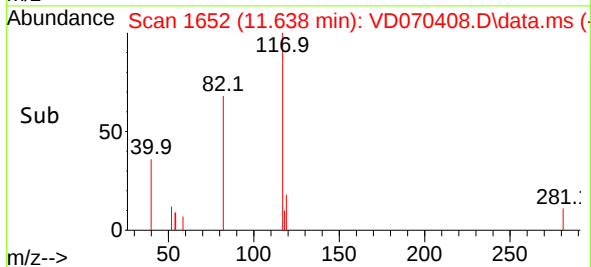
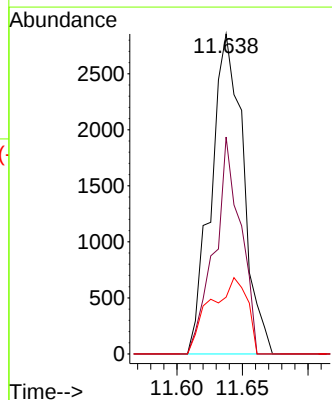
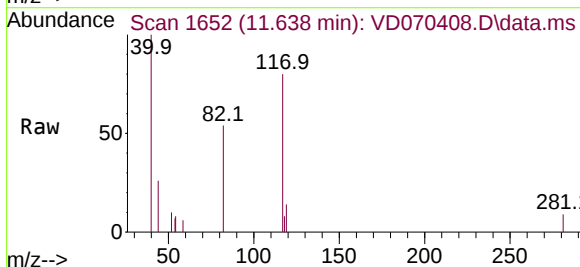
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

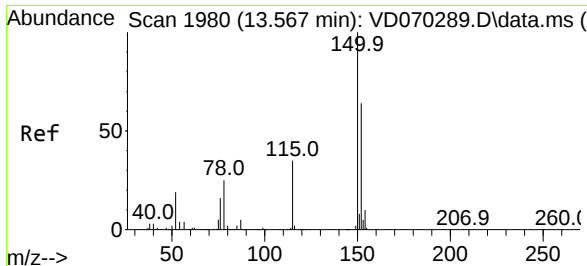
Tgt Ion: 95 Resp: 1479
Ion Ratio Lower Upper
95 100
174 59.8 0.0 140.6
176 102.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion: 117 Resp: 4874
Ion Ratio Lower Upper
117 100
82 67.8 45.0 67.4#
119 17.8 25.2 37.8#

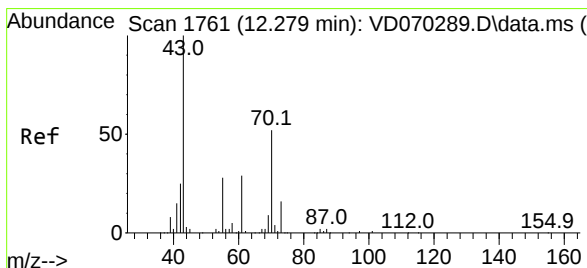
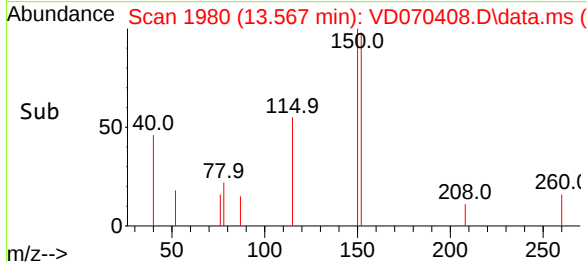
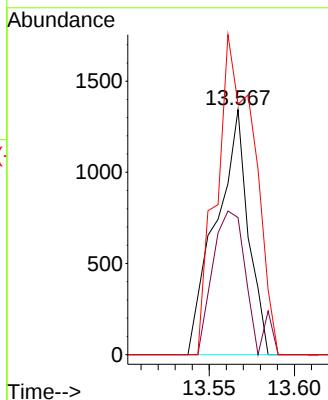
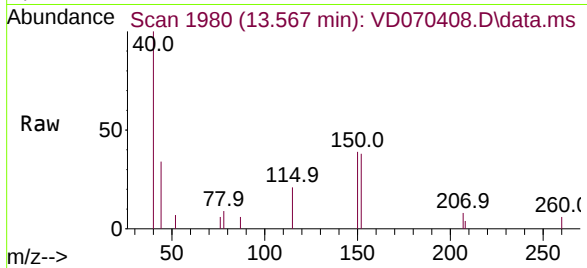




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

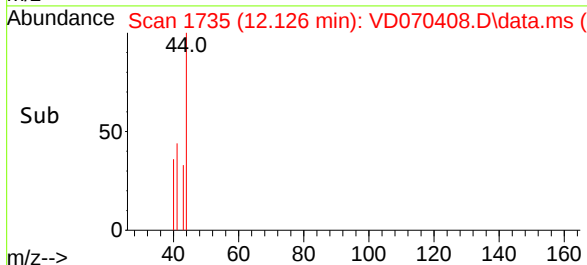
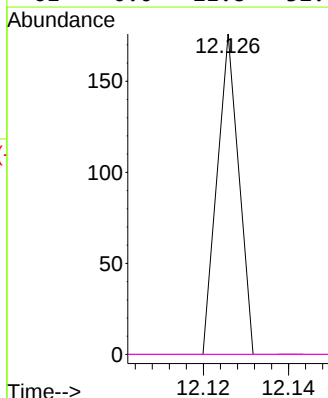
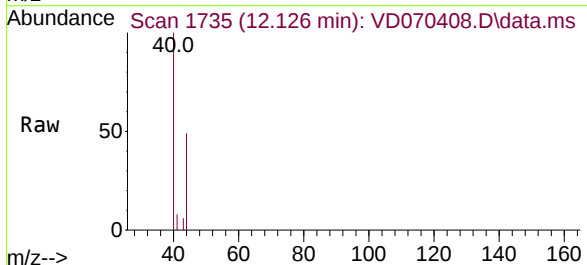
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

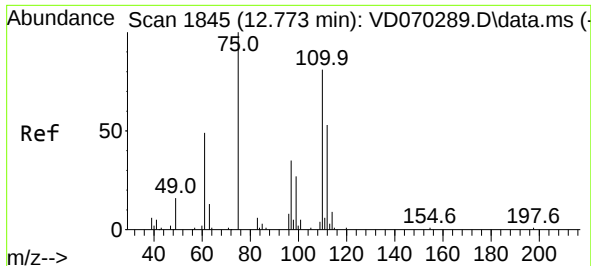
Tgt Ion:	152	Resp:	1766
Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.1	96.3
150	150.7	0.0	350.6



#74
N-ethyl acetate
Concen: 2.298 ug/l
RT: 12.126 min Scan# 1735
Delta R.T. -0.153 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion:	43	Resp:	62
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#

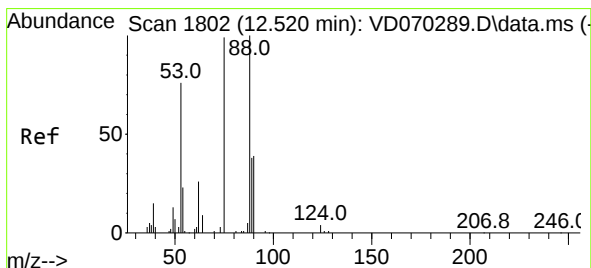
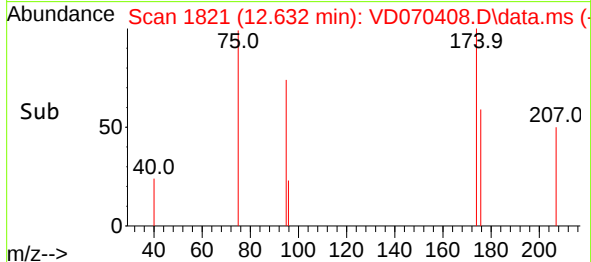
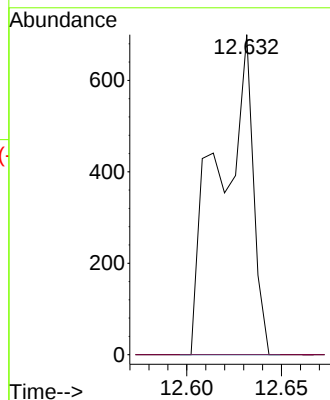
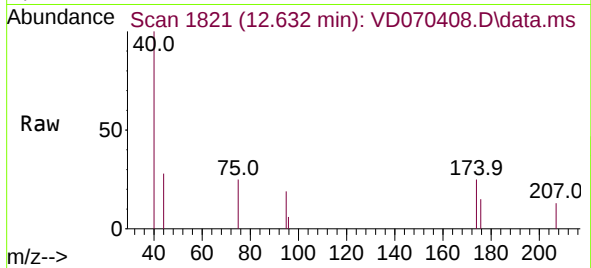




#76
1,2,3-Trichloropropane
Concen: 49.207 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-9RE

Tgt Ion: 75 Resp: 879
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.293 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.112 min
Lab File: VD070408.D
Acq: 21 Sep 2021 17:03

Tgt Ion: 75 Resp: 879
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

