

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070488.D
 Acq On : 27 Sep 2021 20:06
 Operator : VA/SY
 Sample : M3944-01
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BOILER-PIT-3-5

Quant Time: Sep 28 04:17:29 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)

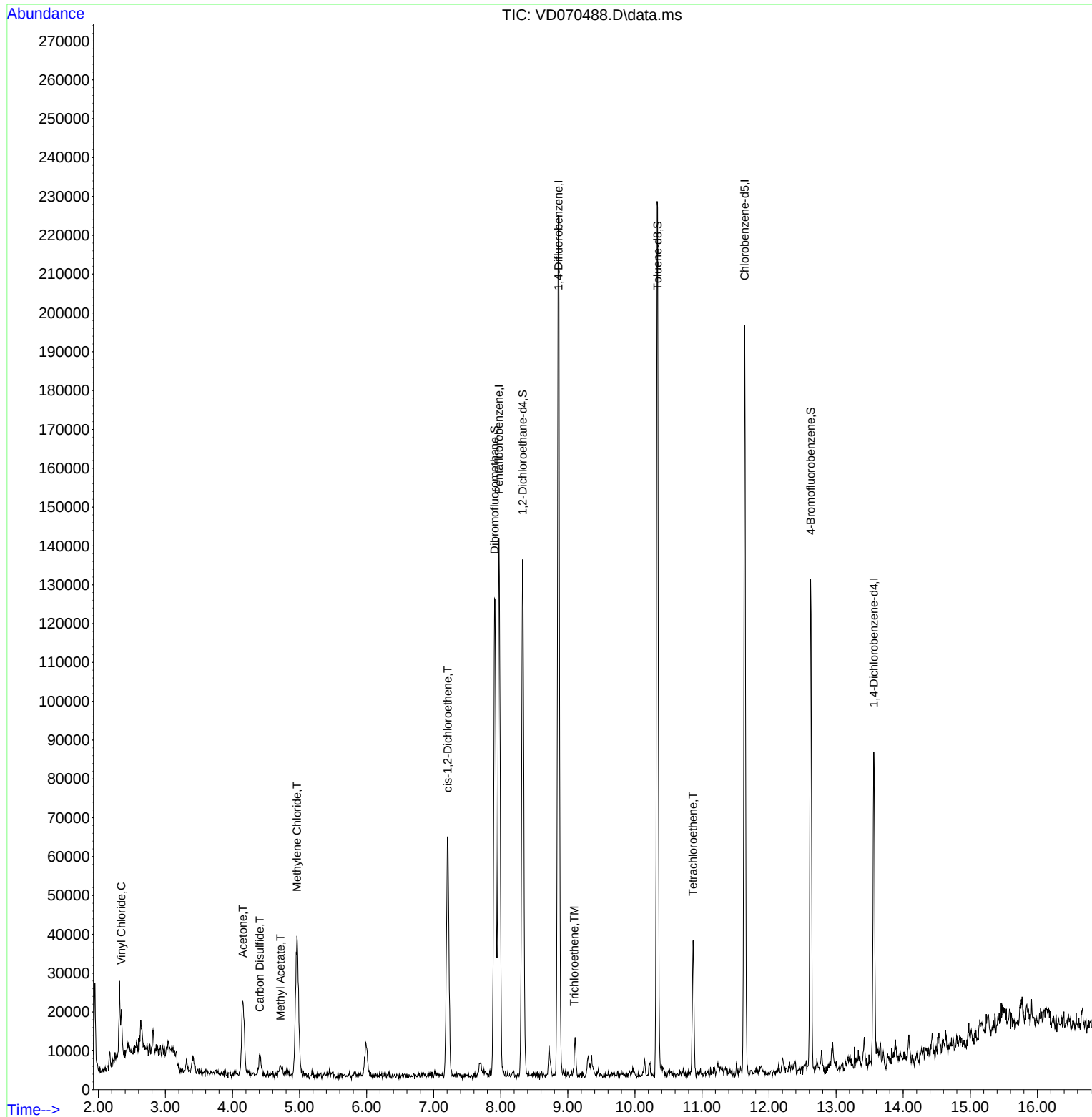
Internal Standards						
1) Pentafluorobenzene	7.973	168	96225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	194688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	114991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	22514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	107734	87.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.400%#
35) Dibromofluoromethane	7.908	113	92850	67.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.000%
50) Toluene-d8	10.338	98	161768	32.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	64.300%
62) 4-Bromofluorobenzene	12.620	95	31543	17.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.880%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.344	62	4017	2.653	ug/l	99
16) Acetone	4.156	43	35141	159.305	ug/l	98
17) Carbon Disulfide	4.409	76	9298	2.250	ug/l	100
18) Methyl Acetate	4.714	43	5423	7.676	ug/l #	57
20) Methylene Chloride	4.961	84	30566	17.518	ug/l	91
27) cis-1,2-Dichloroethene	7.208	96	36541	25.508	ug/l	89
44) Trichloroethene	9.097	130	3110	2.134	ug/l	93
64) Tetrachloroethene	10.867	164	8236	11.764	ug/l #	82

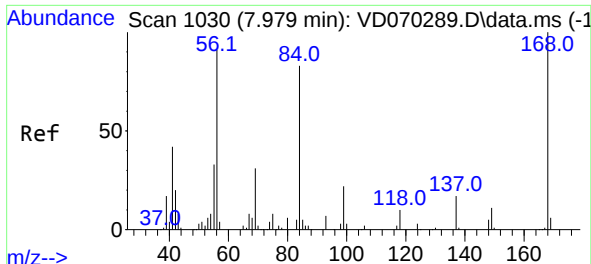
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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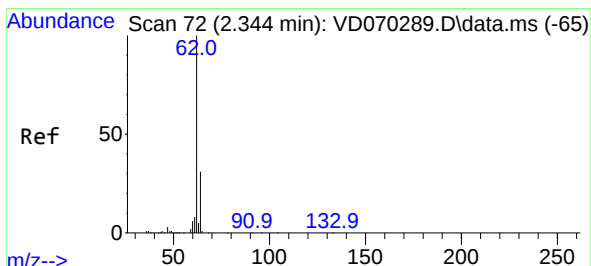
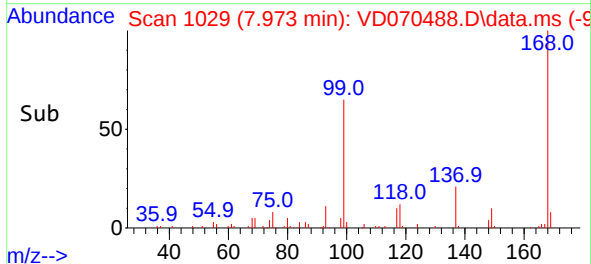
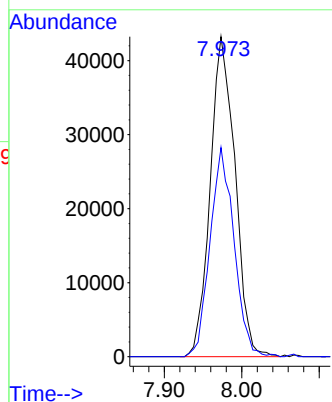
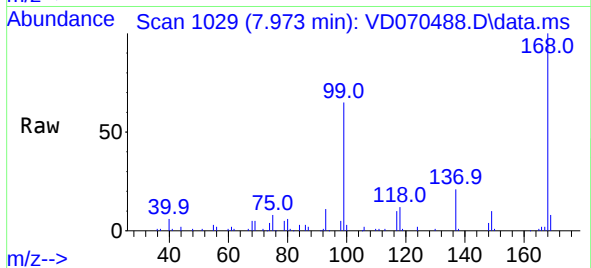




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

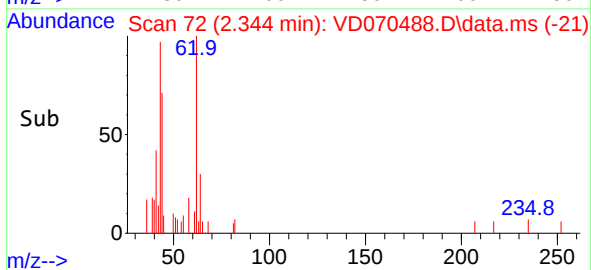
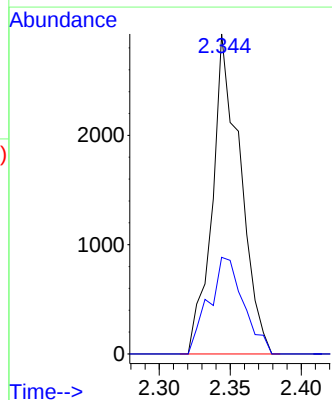
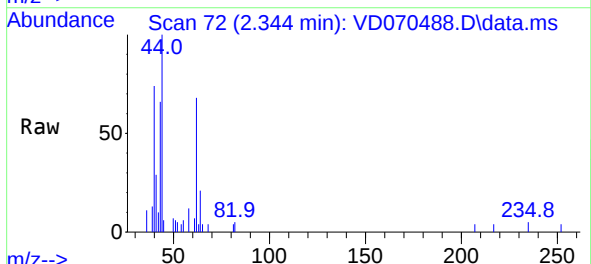
Instrument :
MSVOA_D
ClientSampleId :
BOILER-PIT-3-5

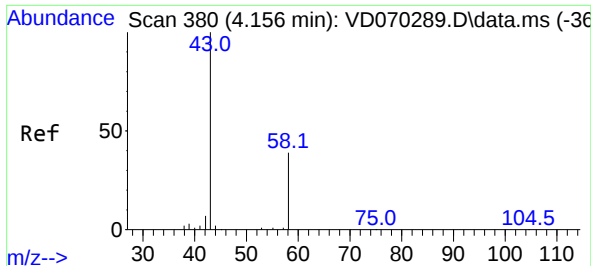
Tgt Ion:168 Resp: 96225
Ion Ratio Lower Upper
168 100
99 65.3 50.8 76.2



#4
Vinyl Chloride
Concen: 2.653 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion: 62 Resp: 4017
Ion Ratio Lower Upper
62 100
64 30.2 24.6 36.8

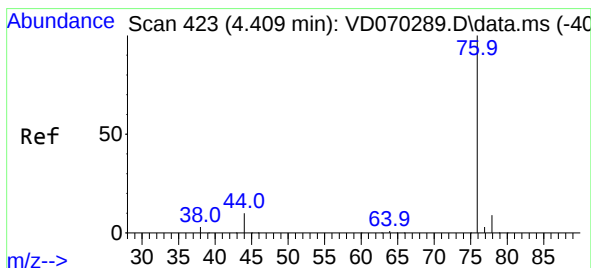
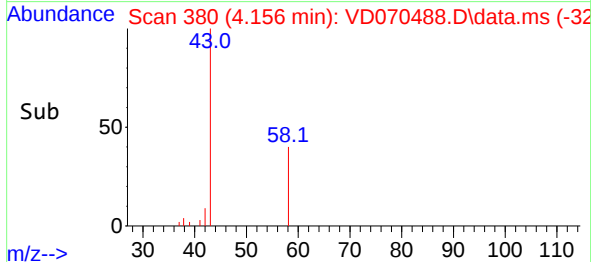
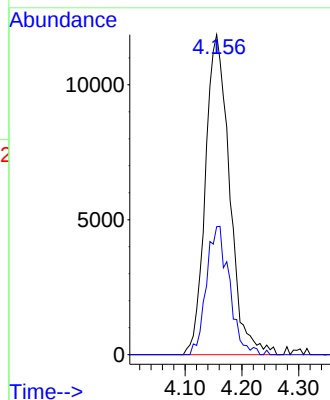
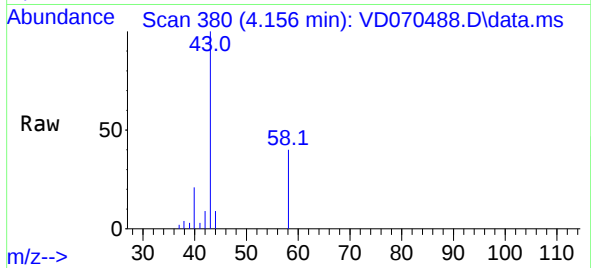




#16
Acetone
Concen: 159.305 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

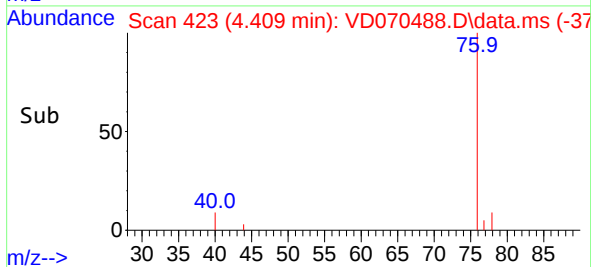
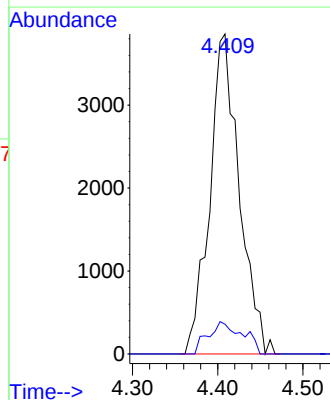
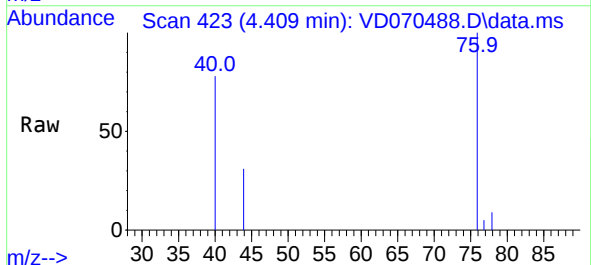
Instrument :
MSVOA_D
ClientSampleId :
BOILER-PIT-3-5

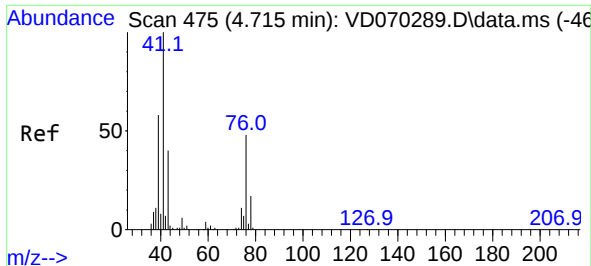
Tgt Ion: 43 Resp: 35141
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3



#17
Carbon Disulfide
Concen: 2.250 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion: 76 Resp: 9298
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#18

Methyl Acetate

Concen: 7.676 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD070488.D

Acq: 27 Sep 2021 20:06

Instrument :

MSVOA_D

ClientSampleId :

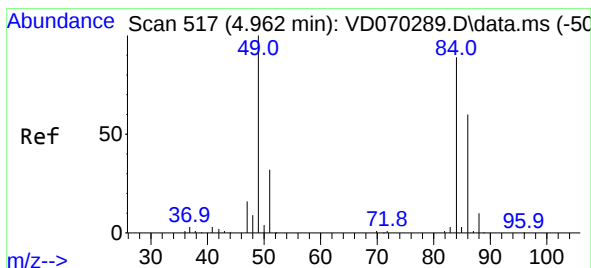
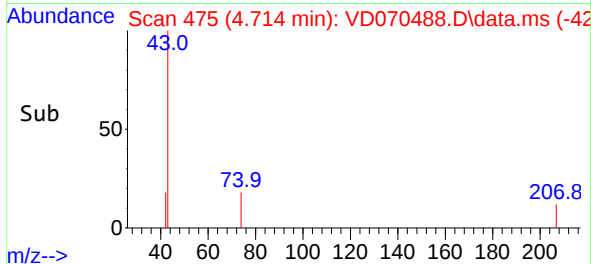
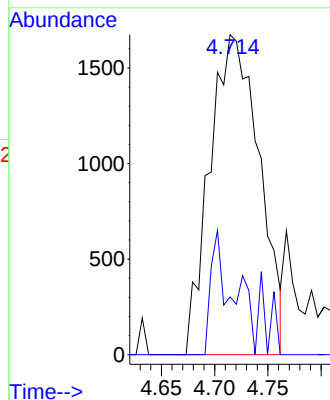
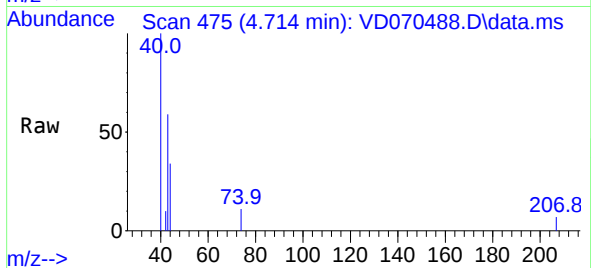
BOILER-PIT-3-5

Tgt Ion: 43 Resp: 5423

Ion Ratio Lower Upper

43 100

74 4.9 21.6 32.4#



#20

Methylene Chloride

Concen: 17.518 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD070488.D

Acq: 27 Sep 2021 20:06

Tgt Ion: 84 Resp: 30566

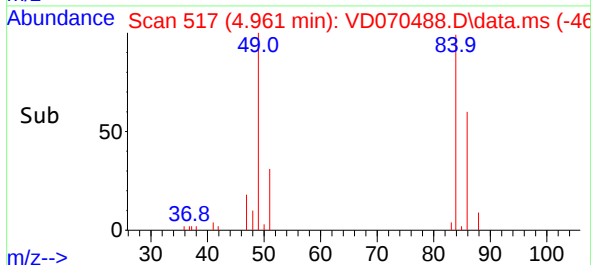
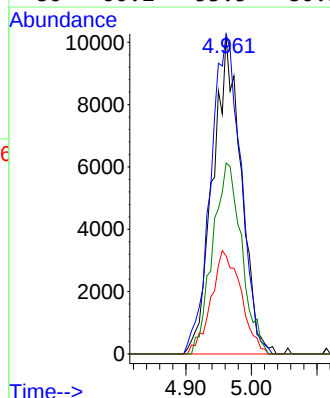
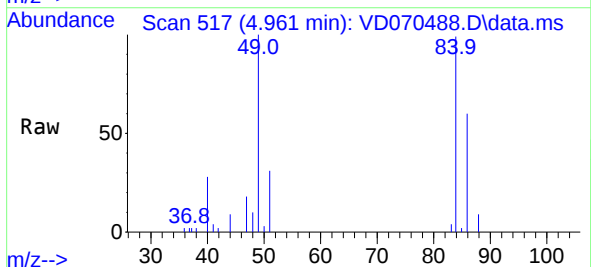
Ion Ratio Lower Upper

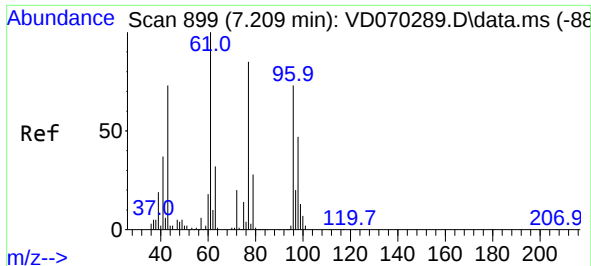
84 100

49 100.8 89.6 134.4

51 30.9 28.6 43.0

86 60.2 53.5 80.3





#27

cis-1,2-Dichloroethene

Concen: 25.508 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070488.D

Acq: 27 Sep 2021 20:06

Instrument :

MSVOA_D

ClientSampleId :

BOILER-PIT-3-5

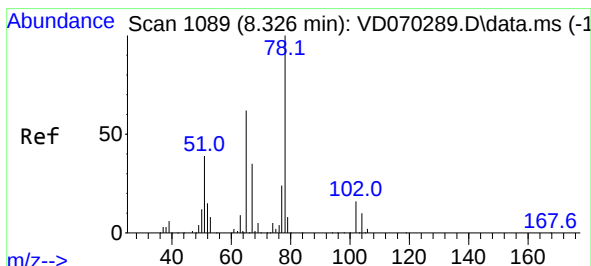
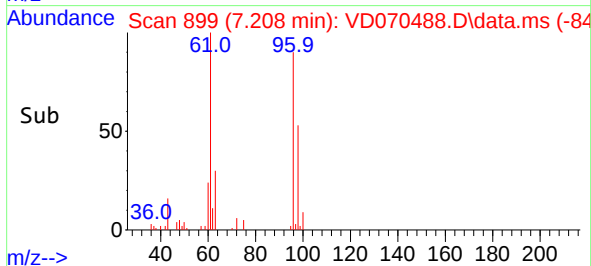
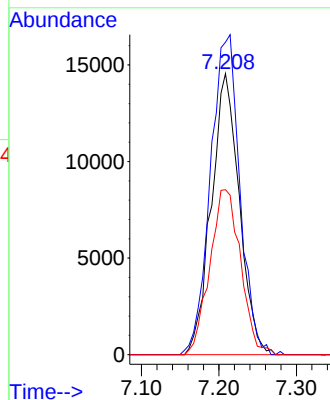
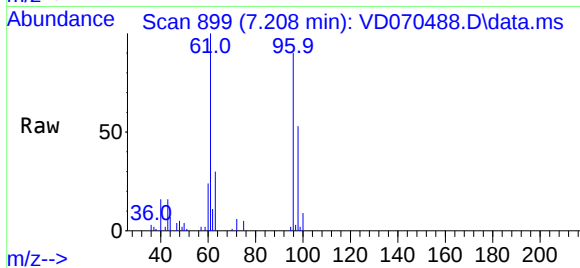
Tgt Ion: 96 Resp: 36541

Ion Ratio Lower Upper

96 100

61 119.1 0.0 277.4

98 64.6 0.0 130.0



#33

1,2-Dichloroethane-d4

Concen: 87.195 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070488.D

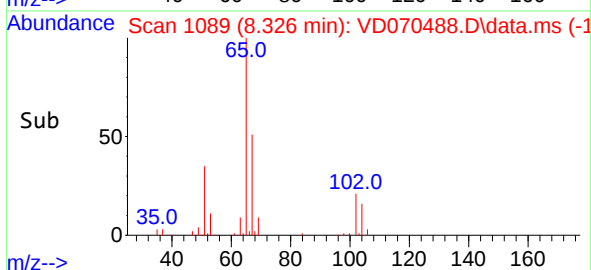
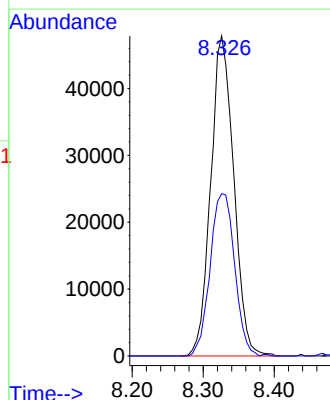
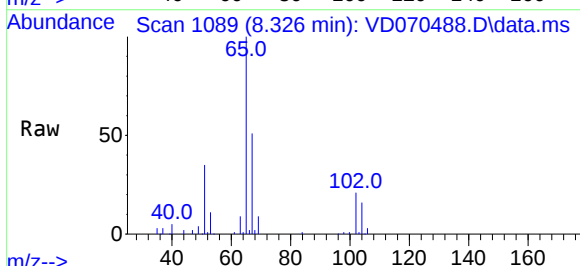
Acq: 27 Sep 2021 20:06

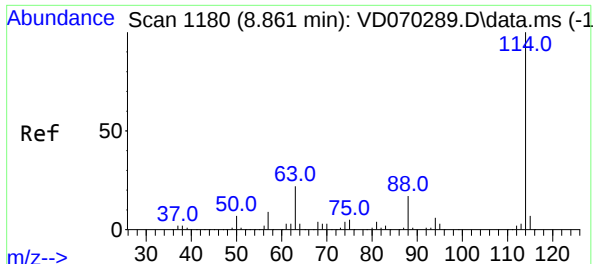
Tgt Ion: 65 Resp: 107734

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.4

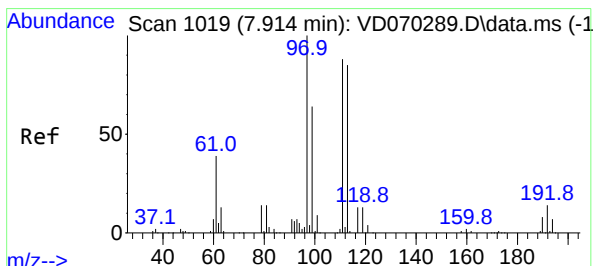
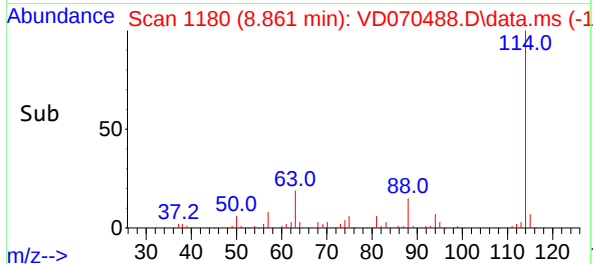
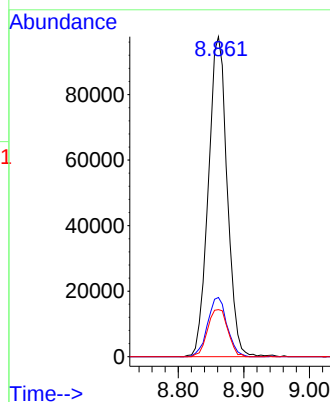
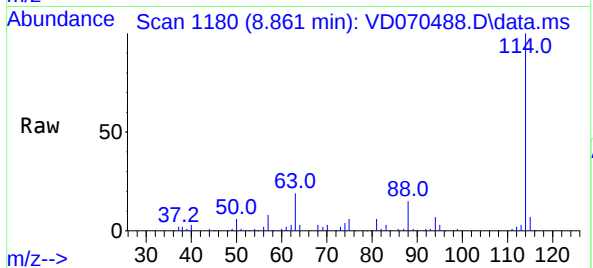




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

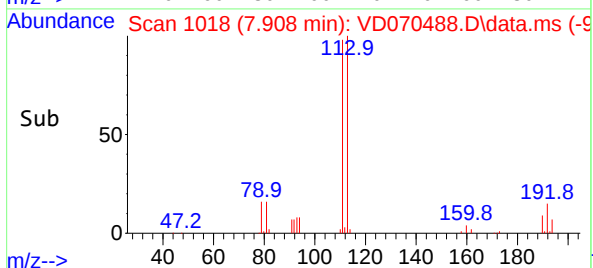
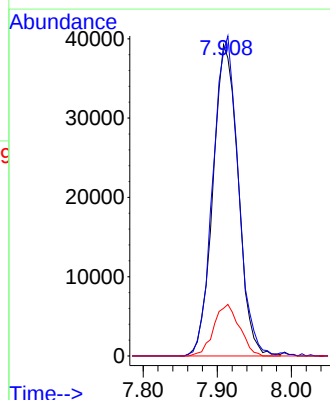
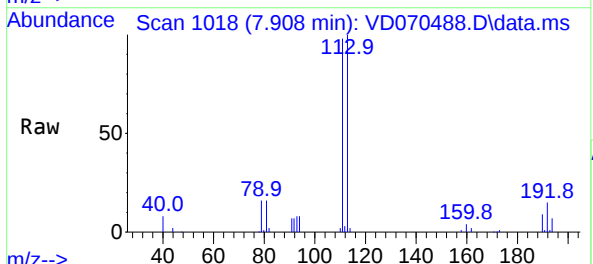
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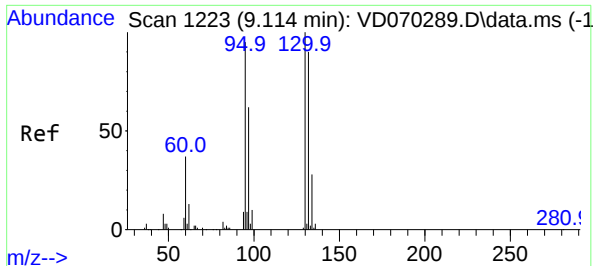
Tgt Ion:	114	Resp:	194688
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	43.4
88	14.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 67.000 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion:	113	Resp:	92850
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.4	122.2
192	16.8	13.0	19.6



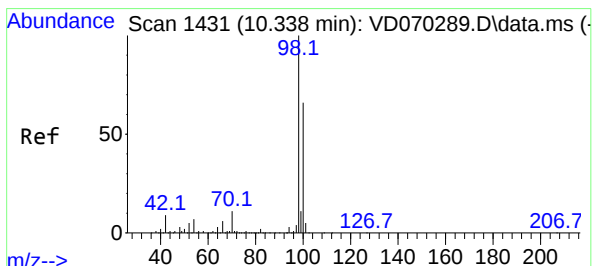
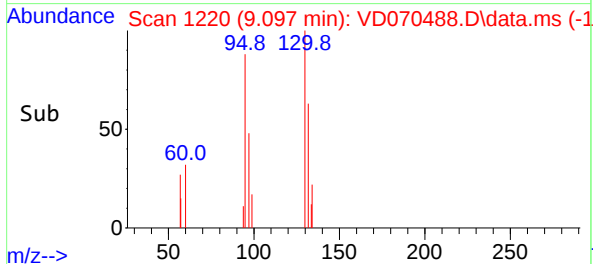
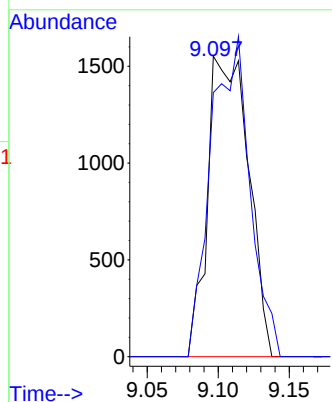
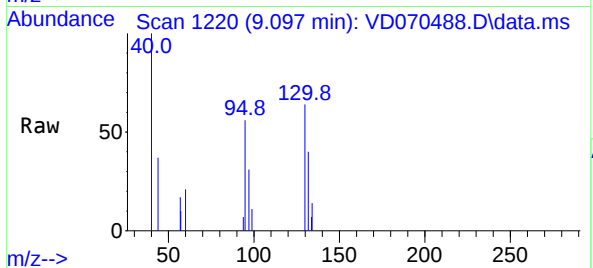


#44

Trichloroethene
Concen: 2.134 ug/l
RT: 9.097 min Scan# 1220
Delta R.T. -0.018 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
BOILER-PIT-3-5

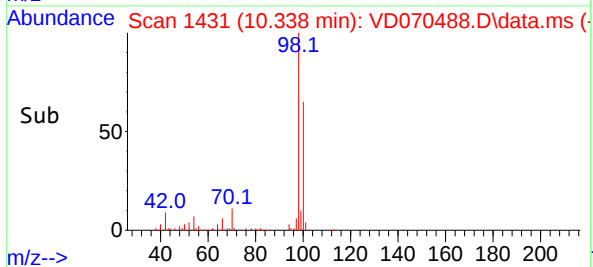
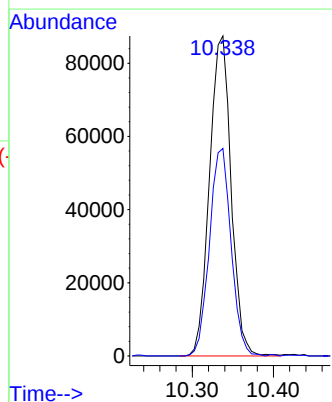
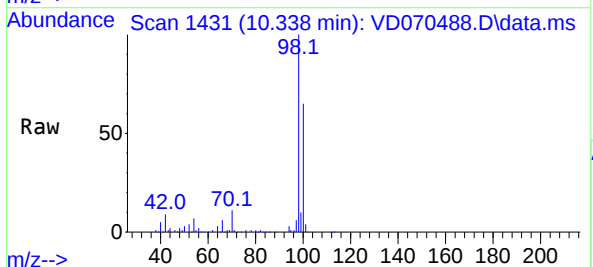
Tgt Ion:130 Resp: 3110
Ion Ratio Lower Upper
130 100
95 87.9 0.0 190.0

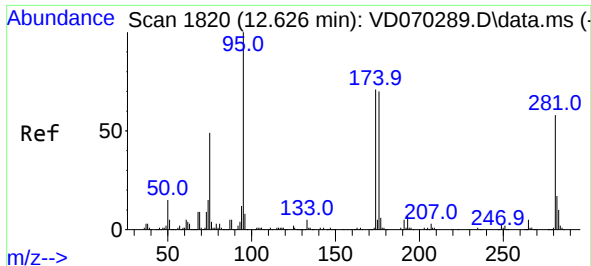


#50

Toluene-d8
Concen: 32.151 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion: 98 Resp: 161768
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

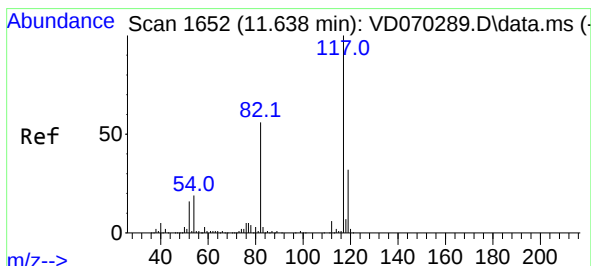
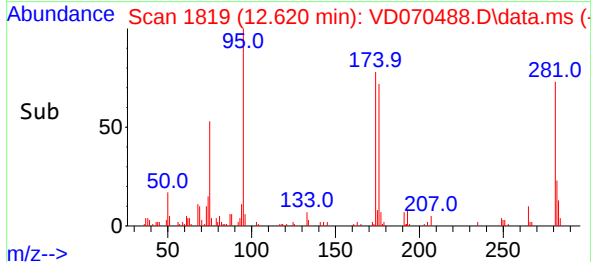
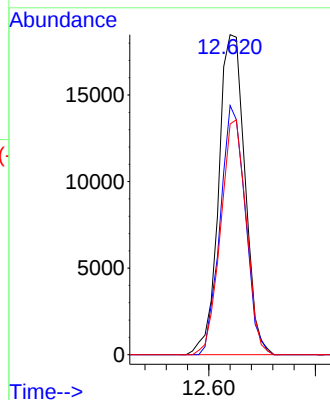
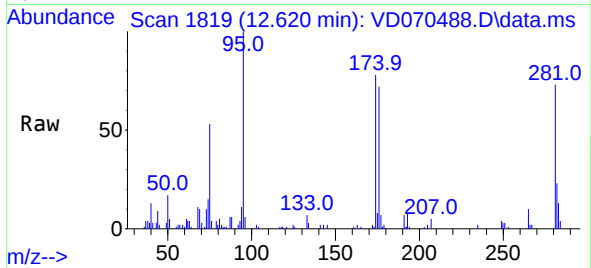




#62
4-Bromofluorobenzene
Concen: 17.938 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

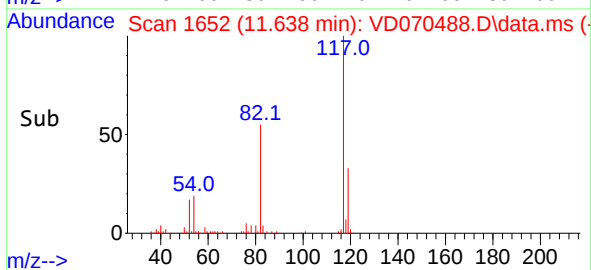
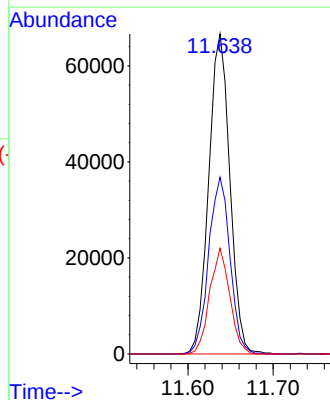
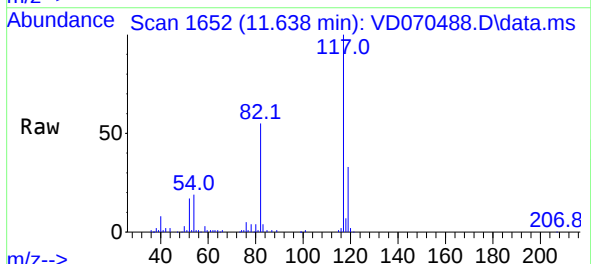
Instrument :
MSVOA_D
ClientSampleId :
BOILER-PIT-3-5

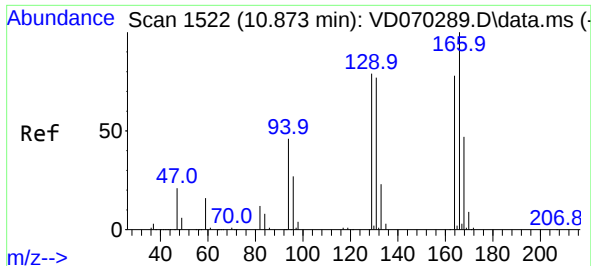
Tgt Ion: 95 Resp: 31543
Ion Ratio Lower Upper
95 100
174 74.3 0.0 140.6
176 71.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion: 117 Resp: 114991
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 33.0 25.2 37.8



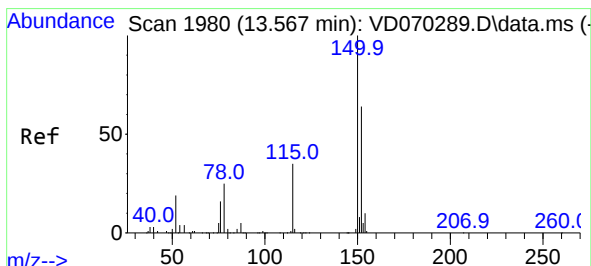
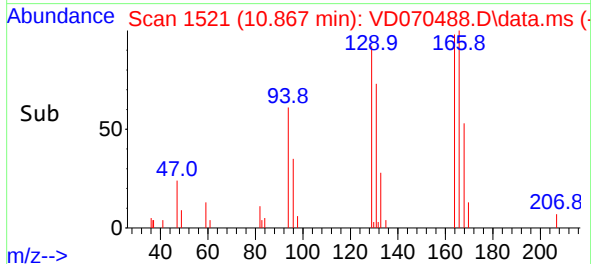
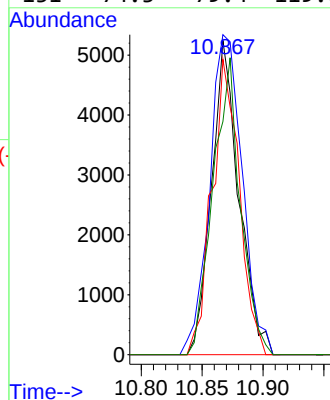
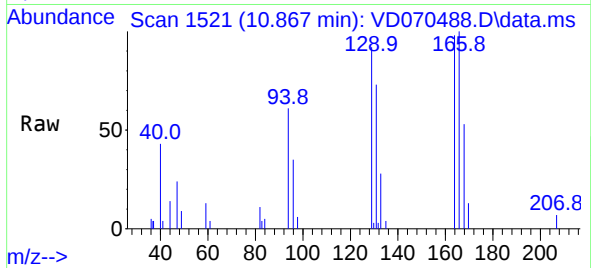


#64
Tetrachloroethene
Concen: 11.764 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
BOILER-PIT-3-5

Tgt Ion:164 Resp: 8236

Ion	Ratio	Lower	Upper
164	100		
166	102.0	102.4	153.6#
129	94.1	80.9	121.3
131	74.3	79.4	119.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070488.D
Acq: 27 Sep 2021 20:06

Tgt Ion:152 Resp: 22514

Ion	Ratio	Lower	Upper
152	100		
115	59.0	32.1	96.3
150	151.5	0.0	350.6

