

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VV022888.D
 Acq On : 19 Oct 2021 00:18
 Operator : SY/MD
 Sample : M4137-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32970	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.568	69	31536	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	42760	3.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.895	46	86352	46.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	4.352	84	75826	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	36243	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.053	84	141758	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.072	67	44021	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	123574	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	16135	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.088	63	75177	59.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33272	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	56507	5.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	513	0.068	ug/L	98
13) Acetone	2.179	43	1162	1.119	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	6368	0.422	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	9508	1.336	ug/L	92
25) Chloroform	4.375	83	5790	0.409	ug/L	93
27) 1,2-Dichloroethane	5.050	62	830	0.118	ug/L #	69
34) Trichloroethene	5.918	95	28905	3.671	ug/L	98
35) Methylcyclohexane	6.072	83	11056	1.002	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5006	0.719	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1106	0.120	ug/L #	73
42) Toluene	7.387	91	824696	28.059	ug/L	100
45) 1,1,2-Trichloroethane	7.972	97	1451	0.281	ug/L #	1
47) Tetrachloroethene	7.976	164	188315	29.576	ug/L	99
48) 2-Hexanone	8.088	43	8582	3.137	ug/L #	66
49) Dibromochloromethane	7.976	129	161898	26.767	ug/L #	7
53) m,p-xylene	9.152	106	1064	0.091	ug/L	98
64) 1,3-Dichlorobenzene	11.191	146	1243	0.091	ug/L	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

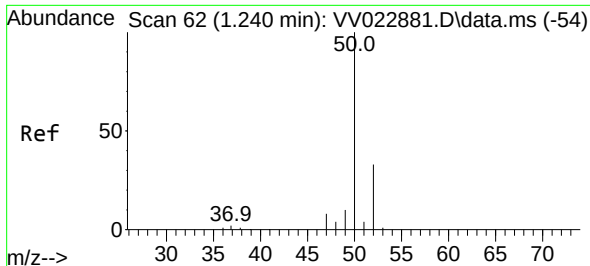
Quant Time: Oct 19 04:08:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

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

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

Quant Time: Oct 19 04:08:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

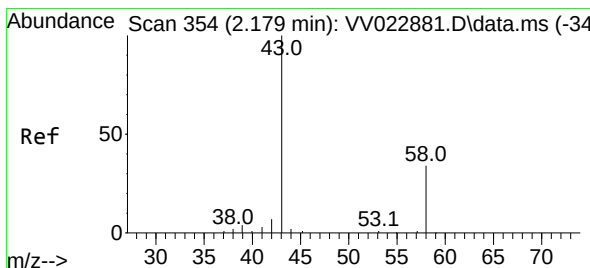
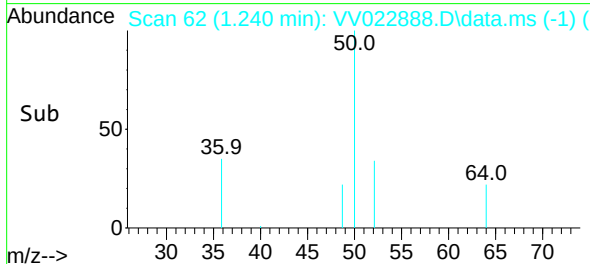
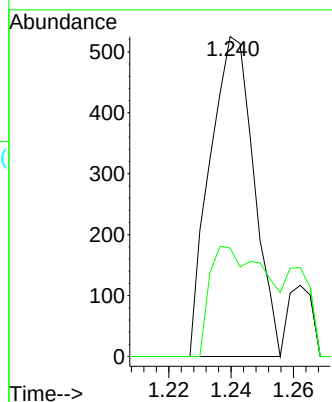
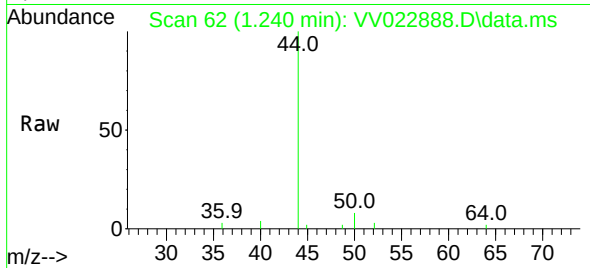




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

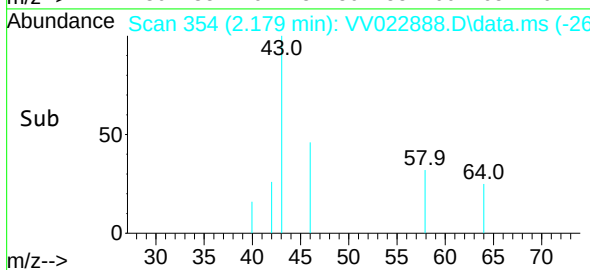
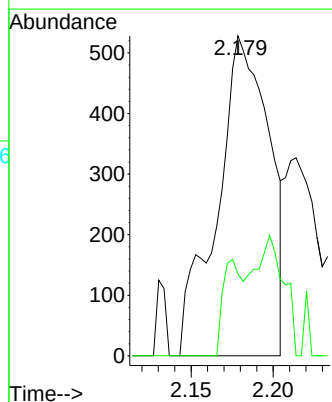
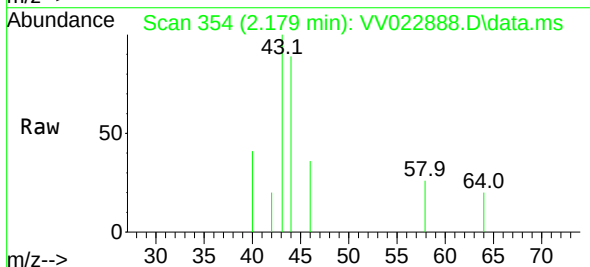
Instrument :
MSVOA_V
ClientSampled :

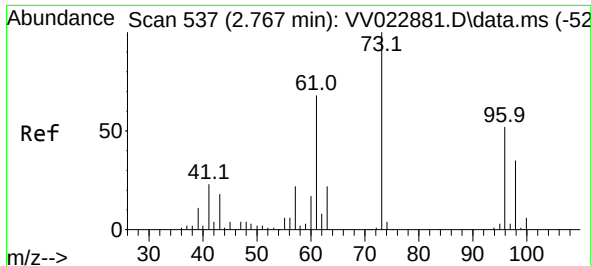
Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 33.9 22.9 42.5



#13
Acetone
Concen: 1.119 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.000 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

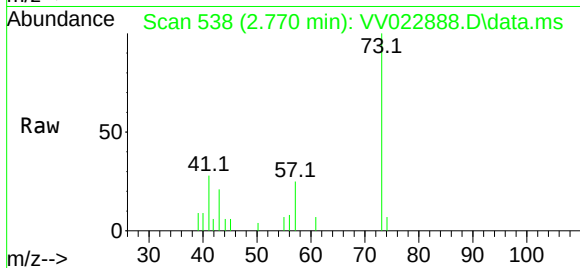
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 11.2 0.0 24.2



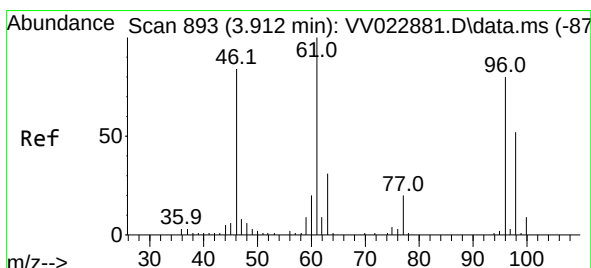
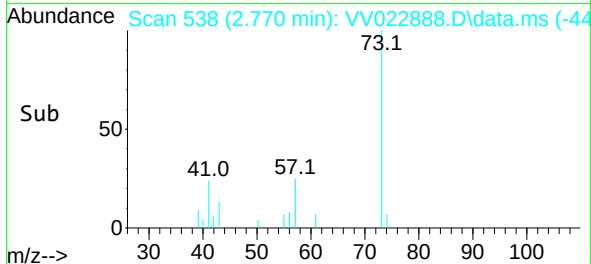
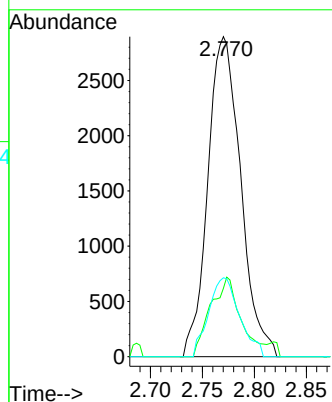


#17
Methyl tert-butyl Ether
Concen: 0.422 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Instrument :
MSVOA_V
ClientSampled :

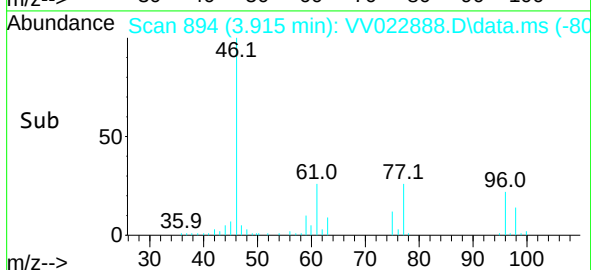
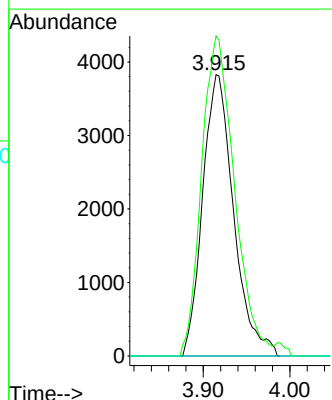
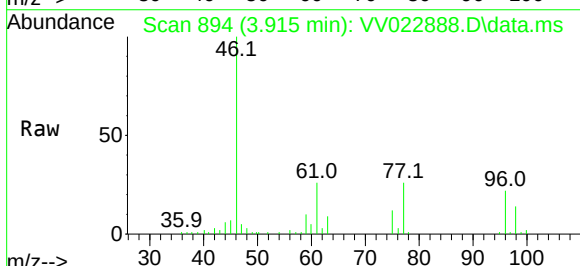


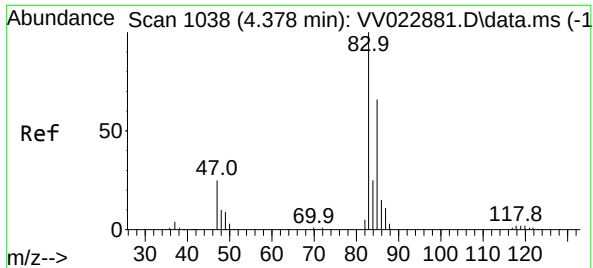
Tgt Ion: 73	Resp: 6368
Ion Ratio	Lower Upper
73 100	
43 23.1	17.1 25.7
57 23.2	17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 1.336 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Tgt Ion: 96	Resp: 9508
Ion Ratio	Lower Upper
96 100	
61 113.7	86.0 159.6
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.409 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022888.D

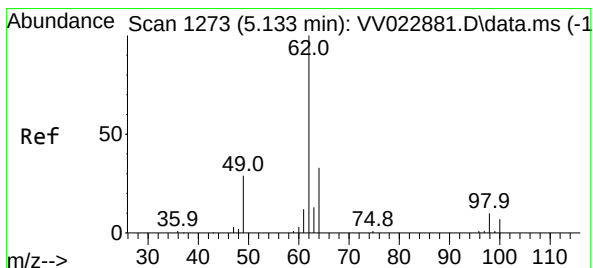
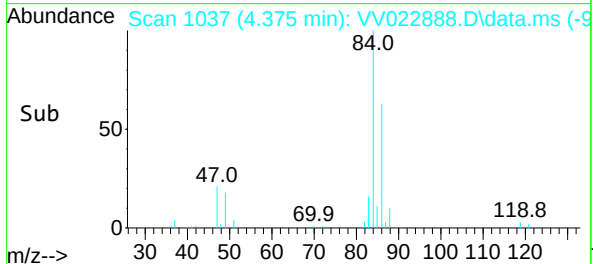
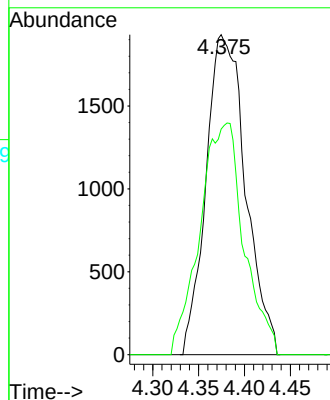
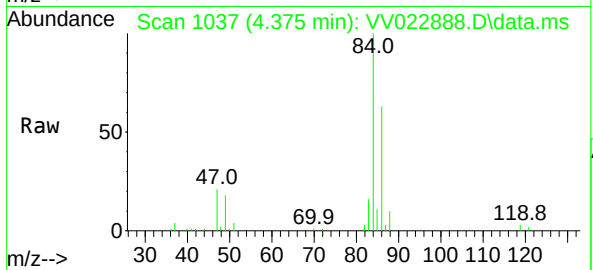
Acq: 19 Oct 2021 00:18

Tgt Ion: 83 Resp: 5790

Ion Ratio Lower Upper

83 100

85 70.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV022888.D

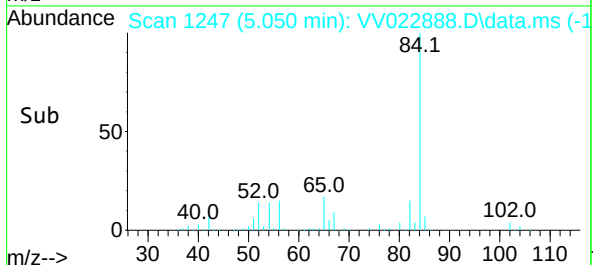
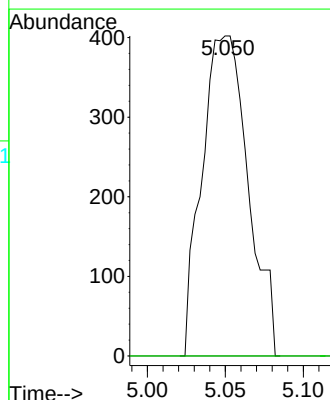
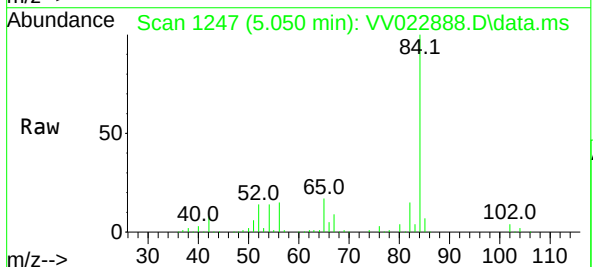
Acq: 19 Oct 2021 00:18

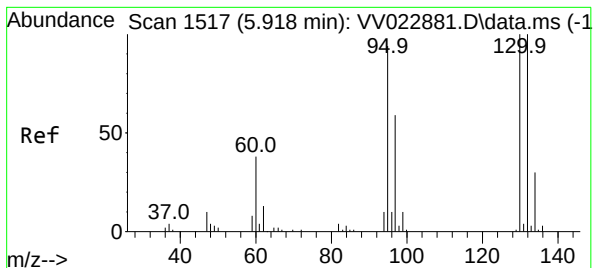
Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 3.671 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV022888.D

Acq: 19 Oct 2021 00:18

Tgt Ion: 95 Resp: 28905

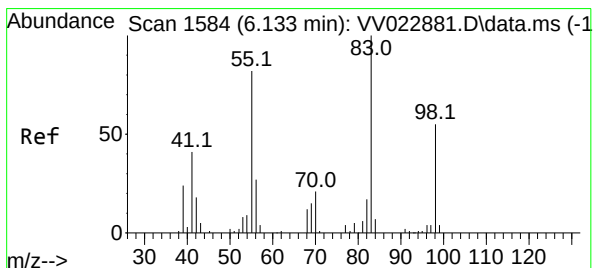
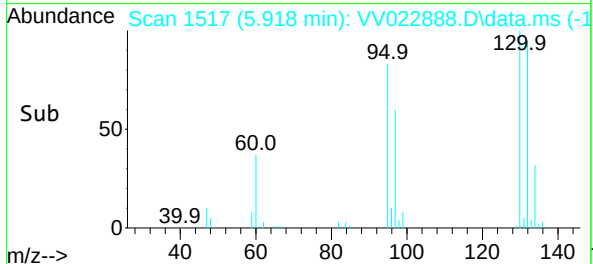
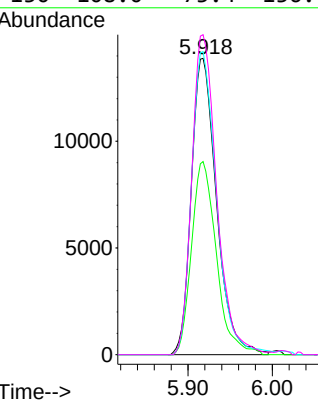
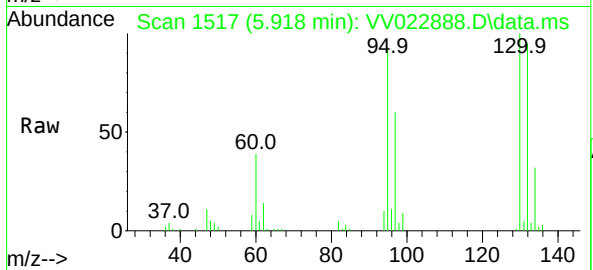
Ion Ratio Lower Upper

95 100

97 65.2 45.8 85.2

132 102.3 72.2 134.0

130 108.0 73.4 136.4



#35

Methylcyclohexane

Concen: 1.002 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV022888.D

Acq: 19 Oct 2021 00:18

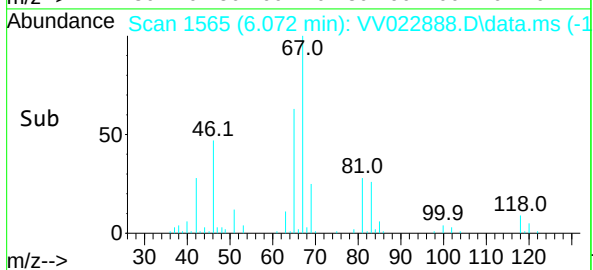
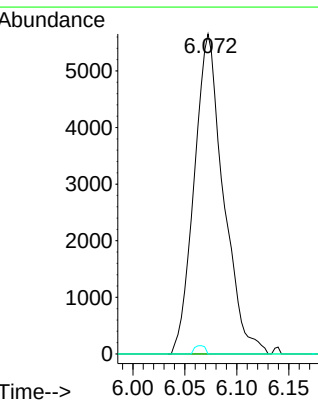
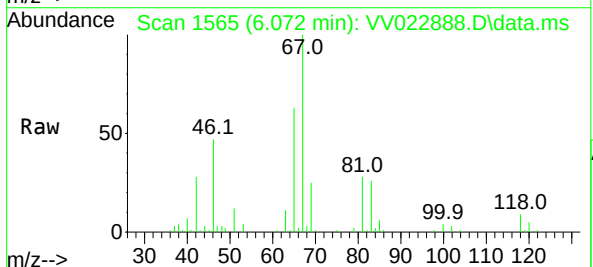
Tgt Ion: 83 Resp: 11056

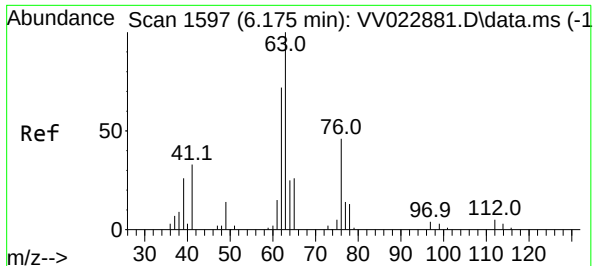
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.9 42.1 63.1#

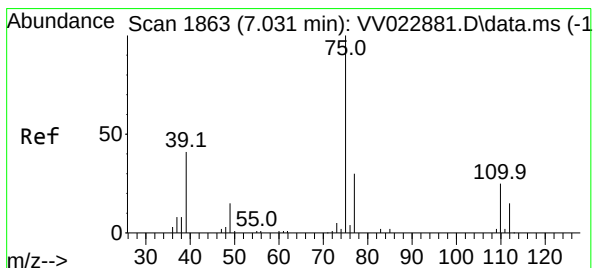
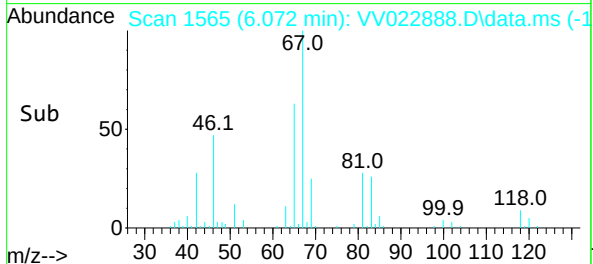
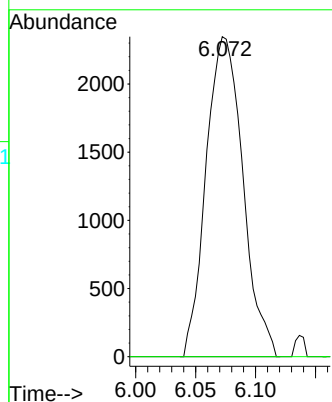
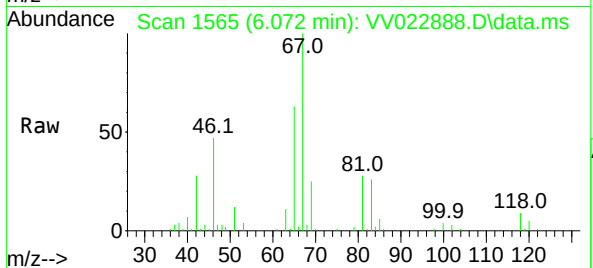




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

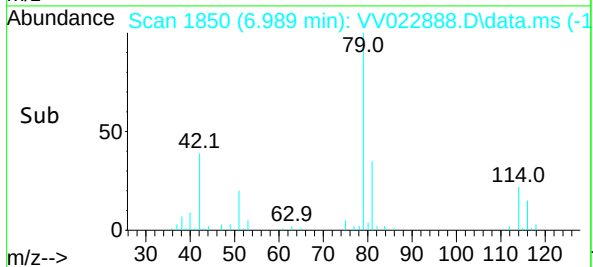
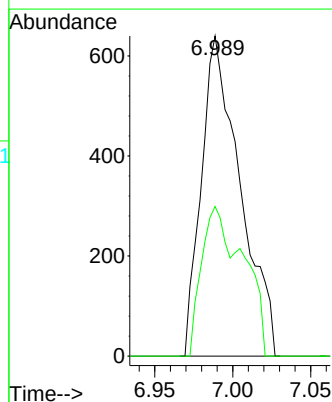
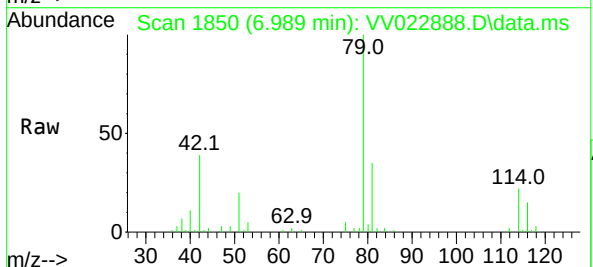
Instrument :
MSVOA_V
ClientSampled :

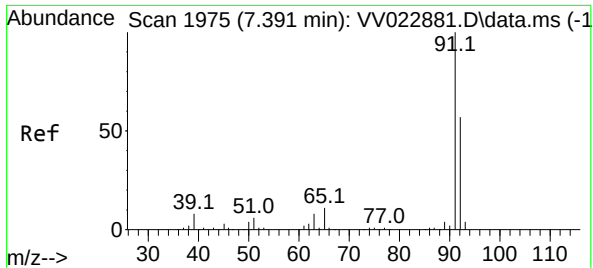
Tgt Ion: 63 Resp: 5006
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
77 46.7 22.3 41.3#

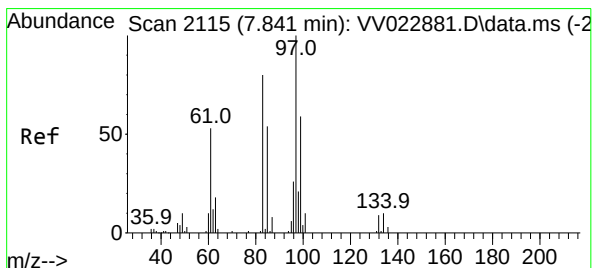
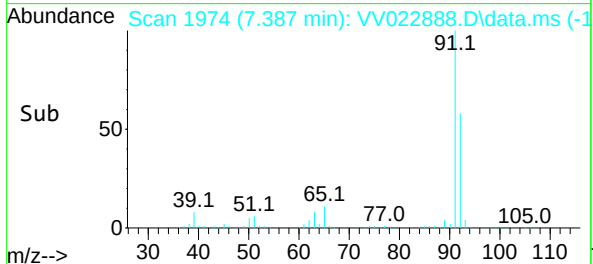
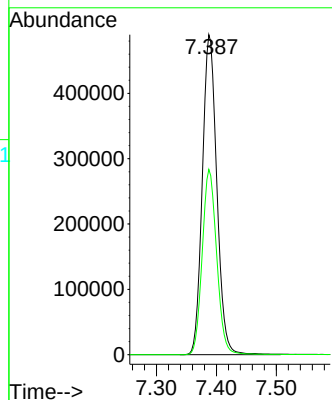
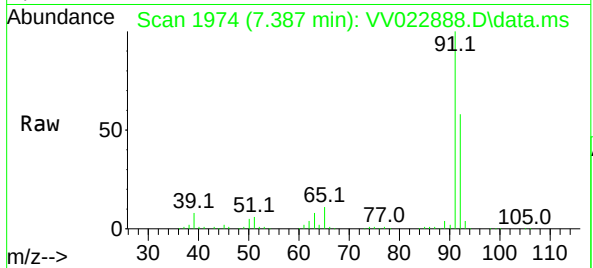




#42
Toluene
Concen: 28.059 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

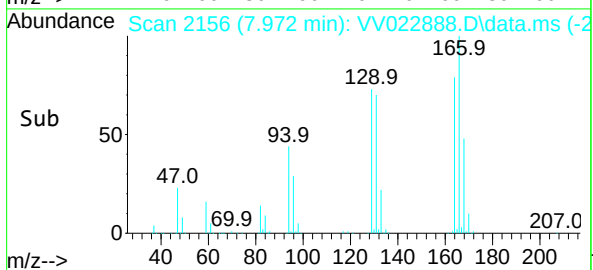
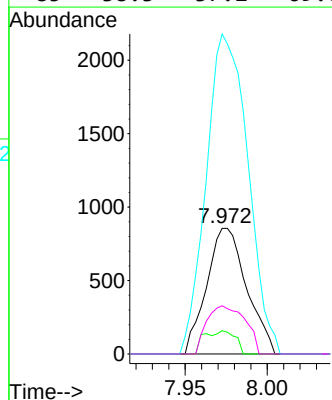
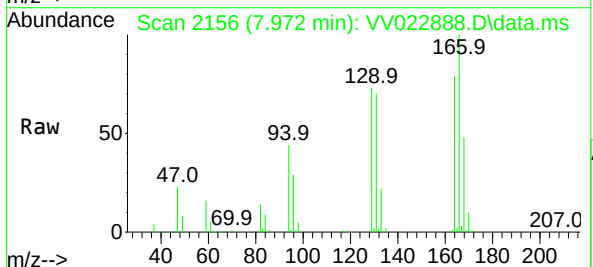
Instrument :
MSVOA_V
ClientSampled :

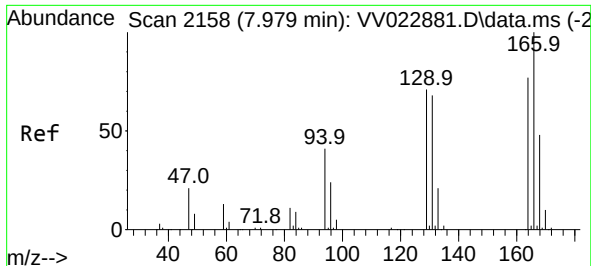
Tgt Ion: 91 Resp: 824696
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.7



#45
1,1,2-Trichloroethane
Concen: 0.281 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

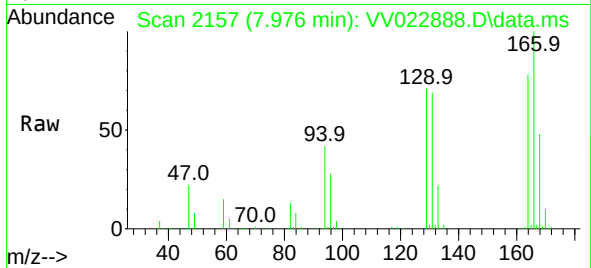
Tgt Ion: 97 Resp: 1451
Ion Ratio Lower Upper
97 100
99 18.5 44.5 82.7#
83 254.6 56.6 105.0#
85 38.3 37.2 69.0





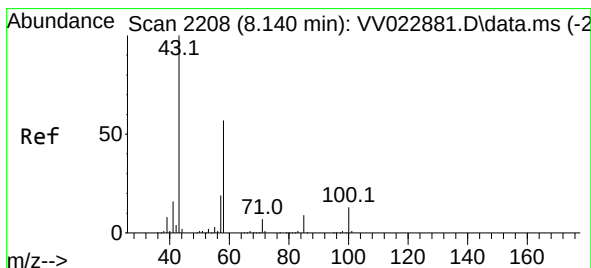
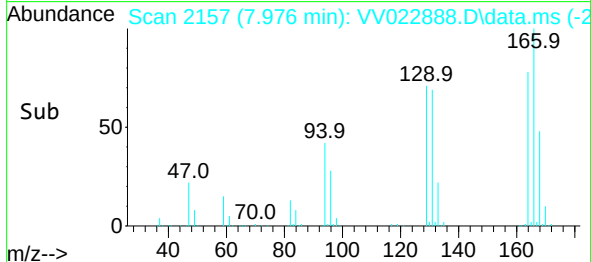
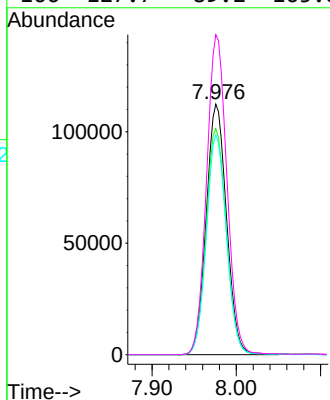
#47
Tetrachloroethene
Concen: 29.576 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Instrument :
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ClientSampled :

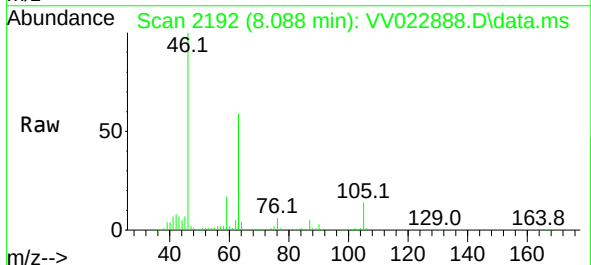


Tgt Ion:164 Resp: 188315

Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.0	120.6
131	87.6	62.2	115.4
166	127.7	89.2	165.8

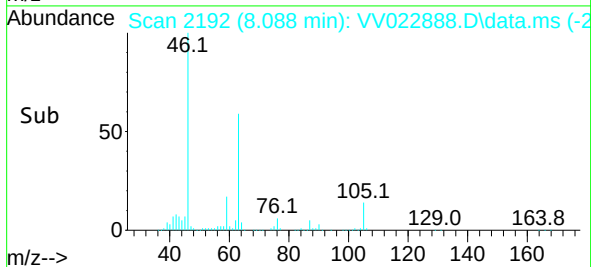
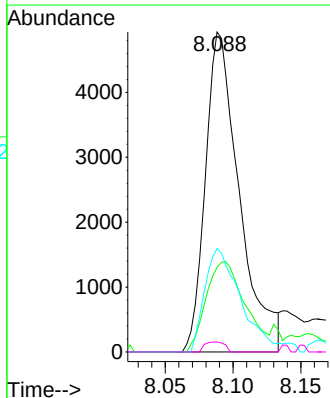


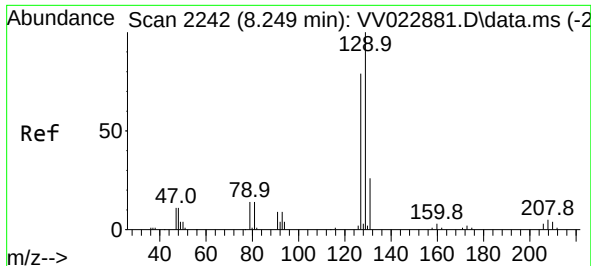
#48
2-Hexanone
Concen: 3.137 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18



Tgt Ion: 43 Resp: 8582

Ion	Ratio	Lower	Upper
43	100		
58	32.5	47.4	71.0#
57	34.4	15.3	22.9#
100	1.8	10.4	15.6#





#49

Dibromochloromethane

Concen: 26.767 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022888.D

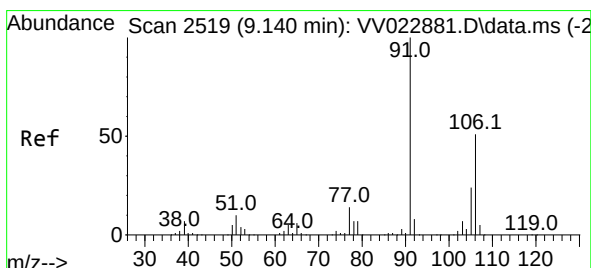
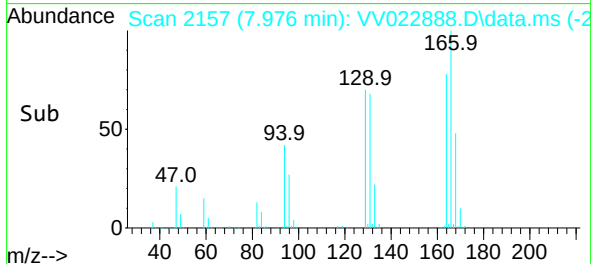
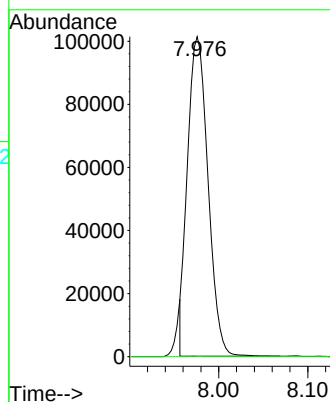
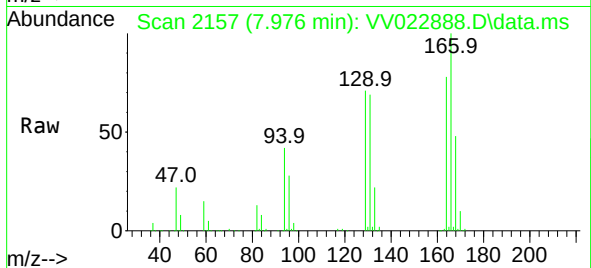
Acq: 19 Oct 2021 00:18

Tgt Ion:129 Resp: 161898

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#53

m,p-xylene

Concen: 0.091 ug/L

RT: 9.152 min Scan# 2523

Delta R.T. 0.013 min

Lab File: VV022888.D

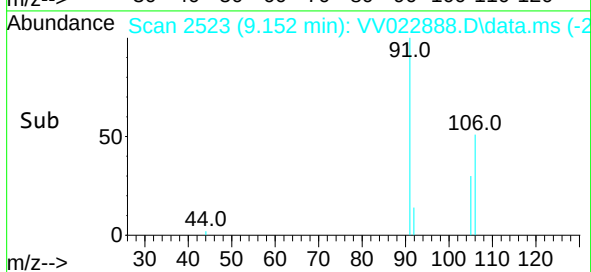
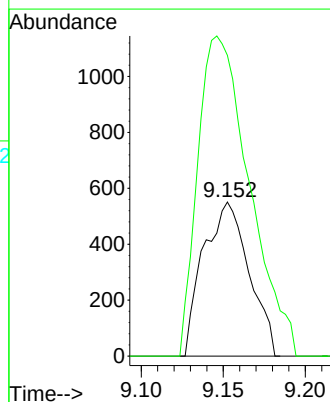
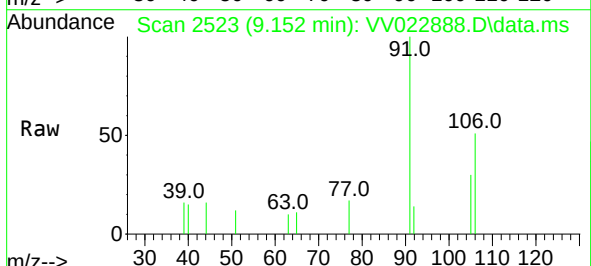
Acq: 19 Oct 2021 00:18

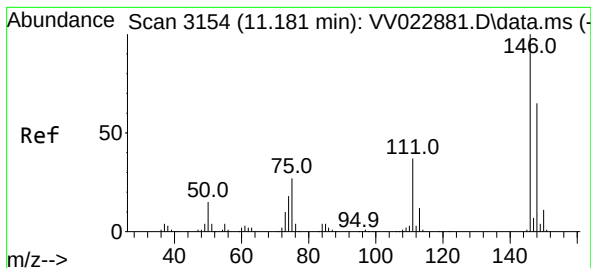
Tgt Ion:106 Resp: 1064

Ion Ratio Lower Upper

106 100

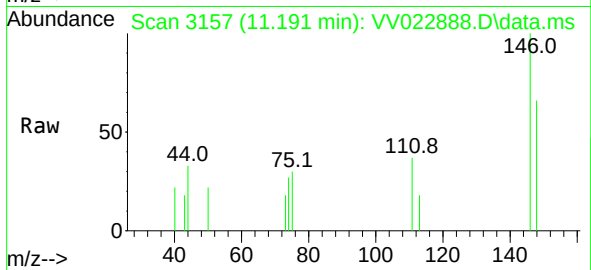
91 195.3 138.7 257.5





#64
 1,3-Dichlorobenzene
 Concen: 0.091 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.010 min
 Lab File: VV022888.D
 Acq: 19 Oct 2021 00:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	146	Resp:	1243
Ion	Ratio	Lower	Upper
146	100		
111	36.8	26.7	49.5
148	66.1	45.1	83.9

