

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022889.D
 Acq On : 19 Oct 2021 00:42
 Operator : SY/MD
 Sample : M4137-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3

Quant Time: Oct 19 04:08:41 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	121273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33986	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	34048	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.108	63	51443	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.892	46	110794	50.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.280%
24) Chloroform-d	4.349	84	92629	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.037	65	42532	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.053	84	175858	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	57965	5.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.316	98	147463	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	16779	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.091	63	90703	62.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42371	5.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60847	5.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	535	0.073	ug/L #	1
13) Acetone	2.182	43	59548	48.812	ug/L #	44
15) Methyl Acetate	2.182	43	58340	16.714	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	13175	0.743	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3997	0.478	ug/L	96
34) Trichloroethene	5.918	95	13331	1.482	ug/L	98
35) Methylcyclohexane	6.072	83	13864	1.100	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6204	0.780	ug/L #	84
42) Toluene	7.397	91	9853	0.293	ug/L	96
45) 1,1,2-Trichloroethane	7.979	97	766	0.130	ug/L #	1
47) Tetrachloroethene	7.976	164	91448	12.572	ug/L	99
48) 2-Hexanone	8.088	43	11073	3.543	ug/L #	65
49) Dibromochloromethane	7.976	129	82128	11.886	ug/L #	7
53) m,p-xylene	9.149	106	1600	0.120	ug/L	68
61) 1,2,3-Trichloropropane	11.252	75	6629	1.657	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.918	105	1509	0.064	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	1509	0.064	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

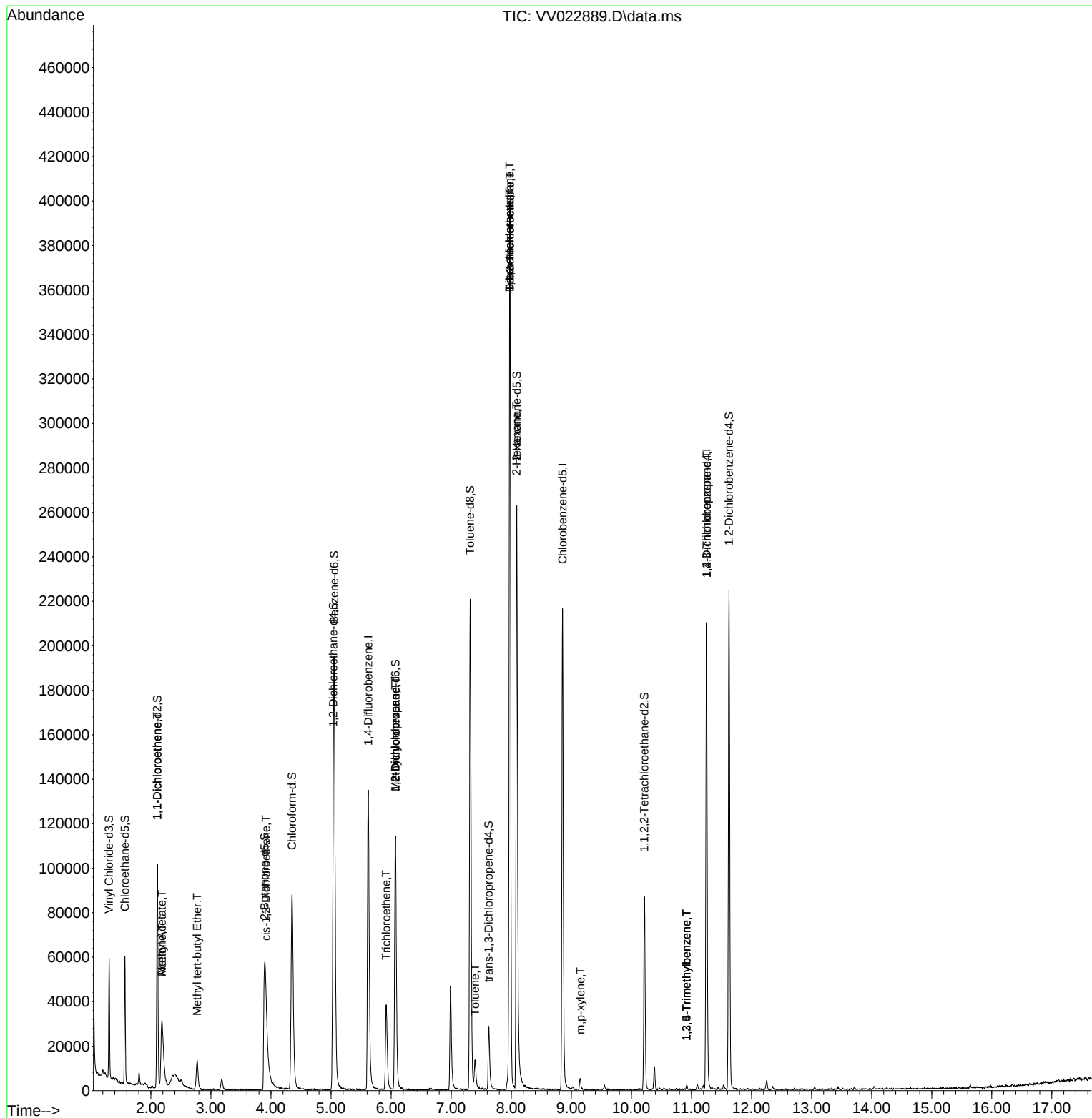
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

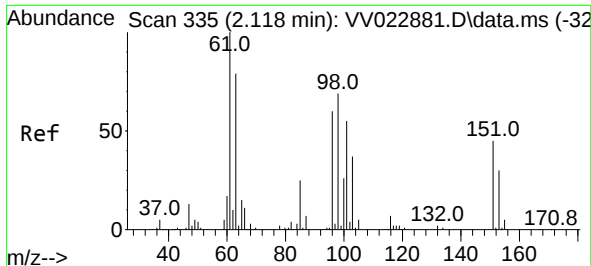
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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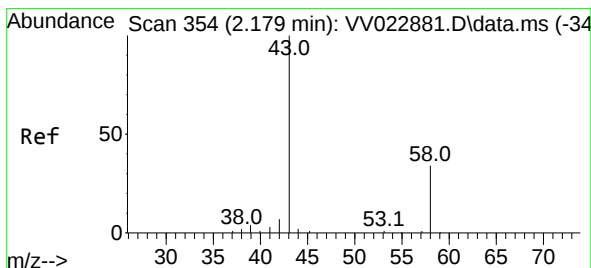
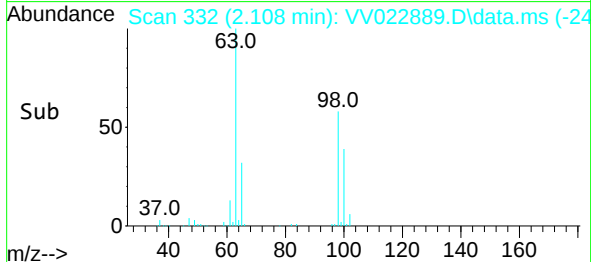
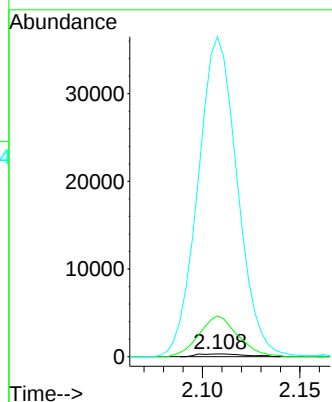
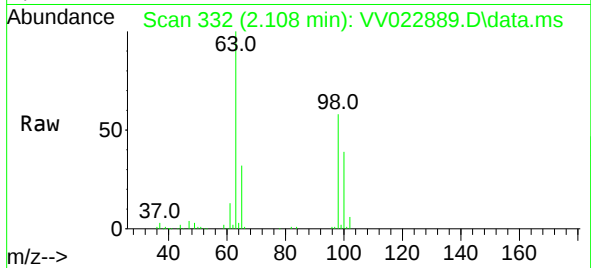




#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

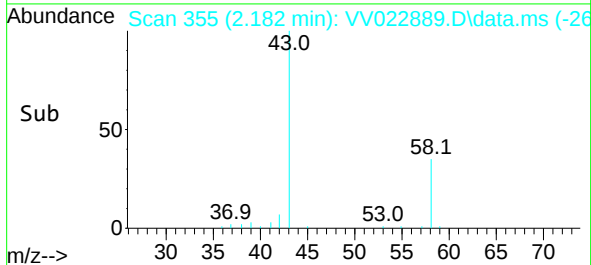
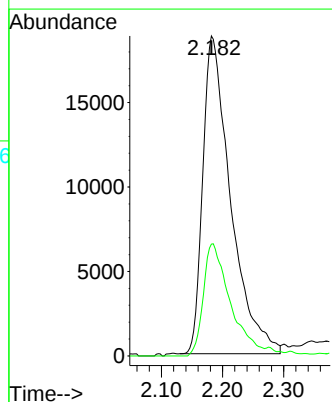
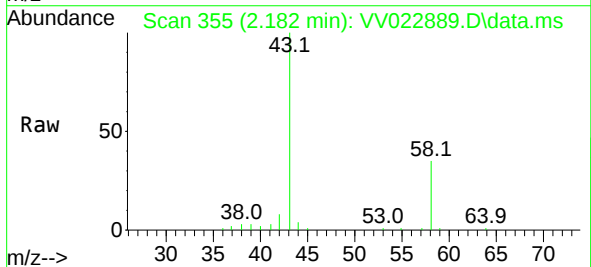
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

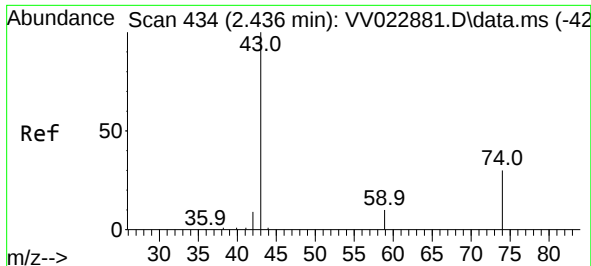
Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 1460.2 127.3 236.5#
63 11443.3 106.2 197.2#



#13
Acetone
Concen: 48.812 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion: 43 Resp: 59548
Ion Ratio Lower Upper
43 100
58 34.1 0.0 24.2#

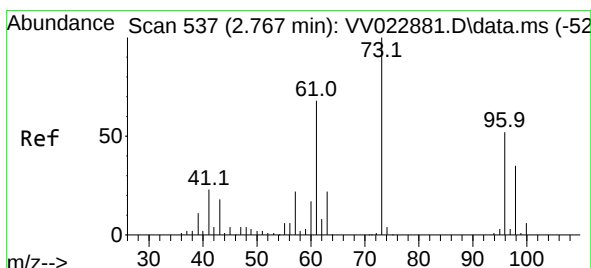
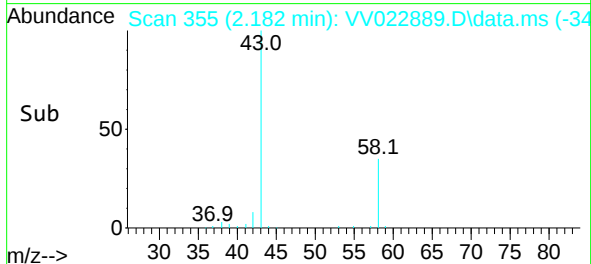
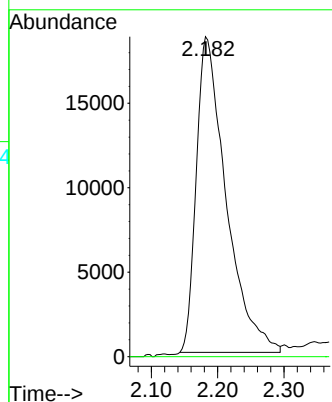
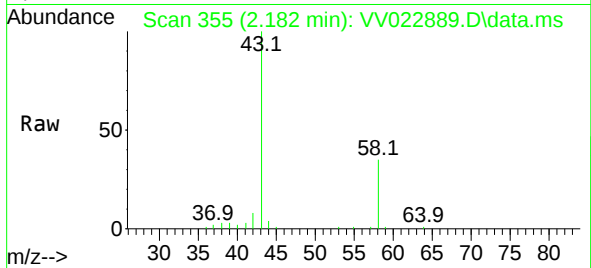




#15
Methyl Acetate
Concen: 16.714 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.254 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

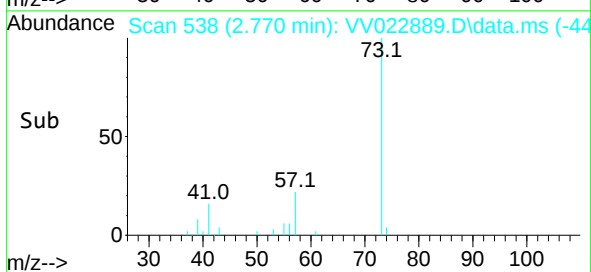
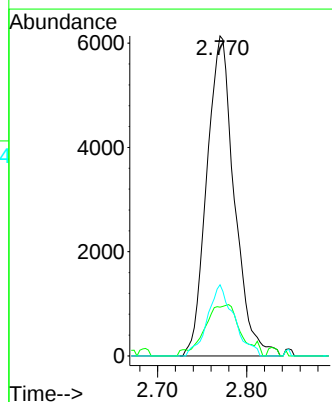
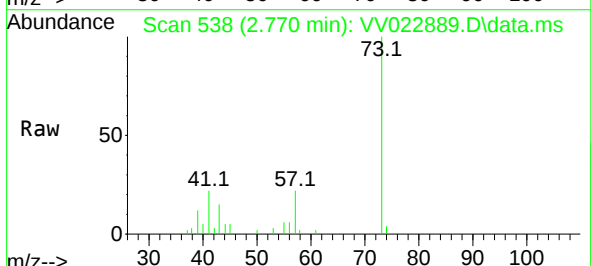
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

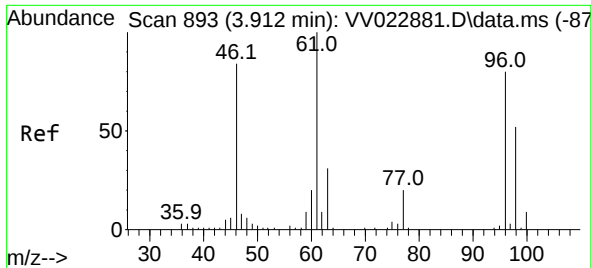
Tgt Ion: 43 Resp: 58340
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#17
Methyl tert-butyl Ether
Concen: 0.743 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion: 73 Resp: 13175
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 21.4 17.2 25.8

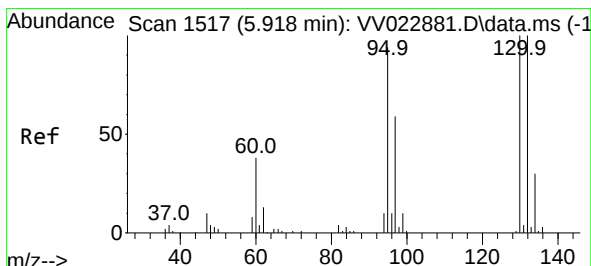
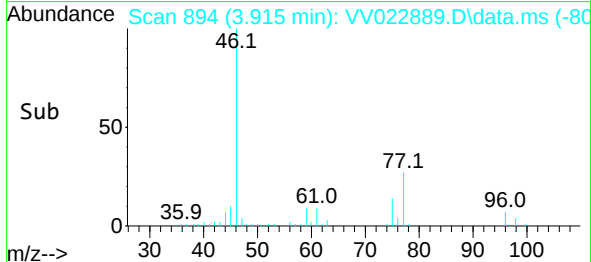
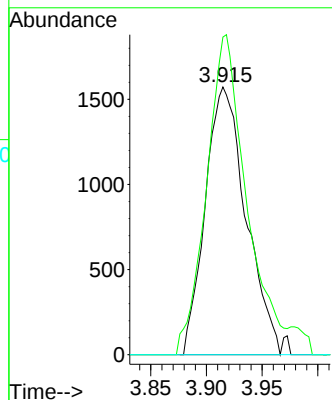
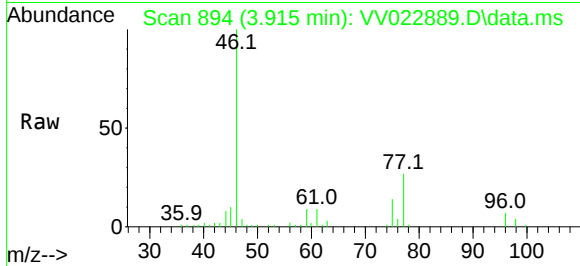




#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

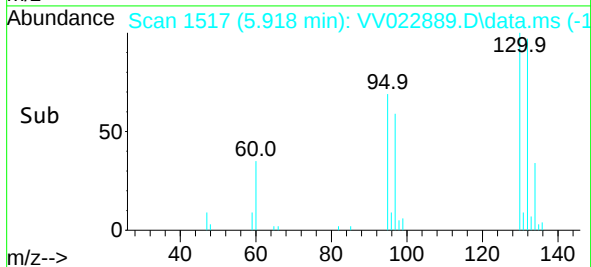
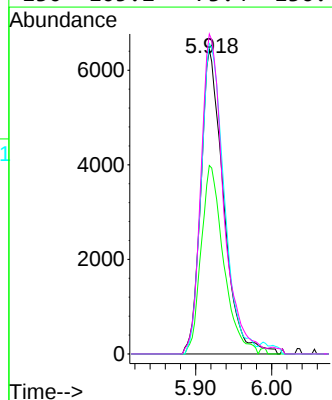
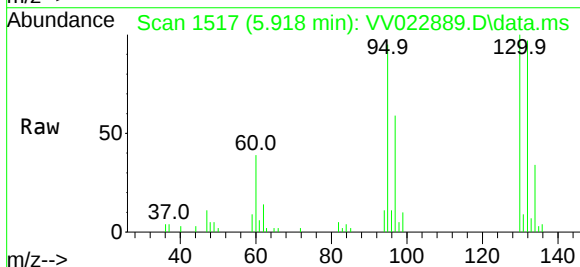
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

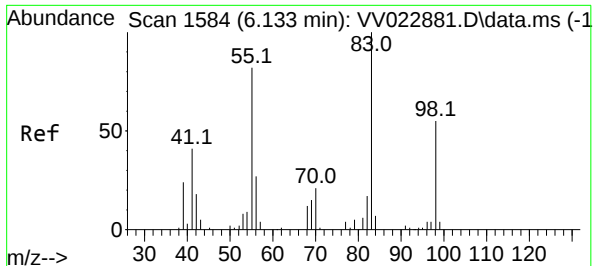
Tgt Ion:	96	Resp:	3997
Ion	Ratio	Lower	Upper
96	100		
61	118.6	86.0	159.6
68	0.0	0.0	0.0



#34
Trichloroethene
Concen: 1.482 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion:	95	Resp:	13331
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.8	85.2
132	102.0	72.2	134.0
130	105.2	73.4	136.4





#35

Methylcyclohexane

Concen: 1.100 ug/L

RT: 6.072 min Scan# 1565

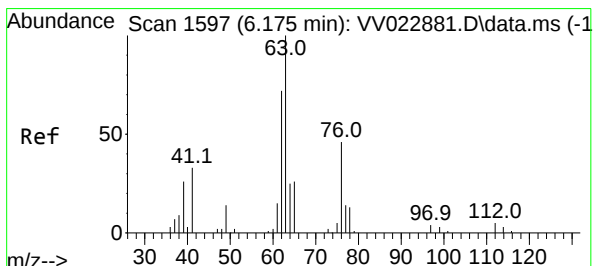
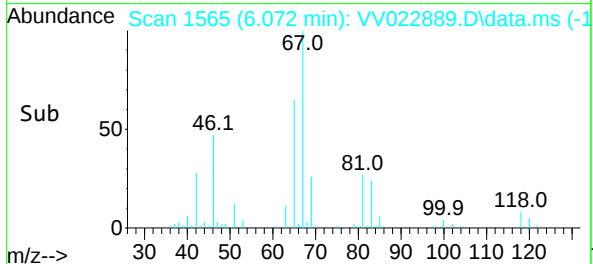
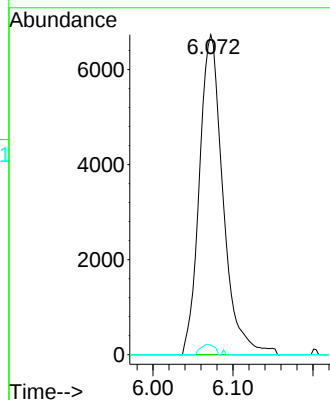
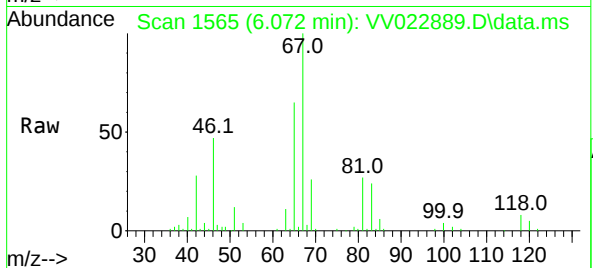
Delta R.T. -0.061 min

Lab File: VV022889.D

Acq: 19 Oct 2021 00:42

Tgt Ion:	83	Resp:	13864
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	1.9	42.1	63.1#

Instrument :
MSVOA_V
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#37

1,2-Dichloropropane

Concen: 0.780 ug/L

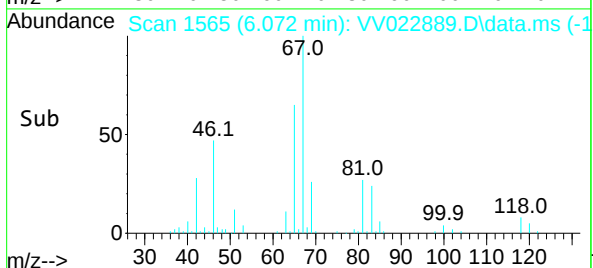
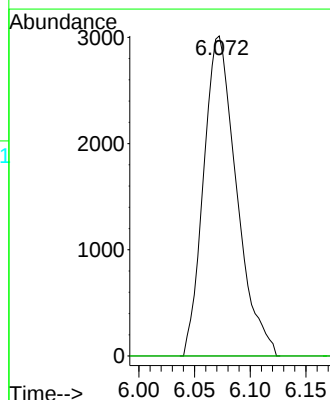
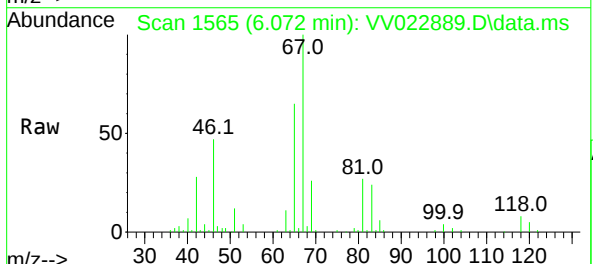
RT: 6.072 min Scan# 1565

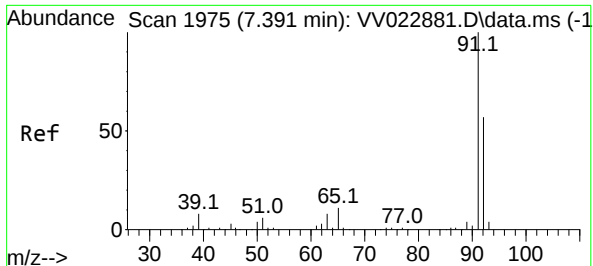
Delta R.T. -0.103 min

Lab File: VV022889.D

Acq: 19 Oct 2021 00:42

Tgt Ion:	63	Resp:	6204
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#





#42

Toluene

Concen: 0.293 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022889.D

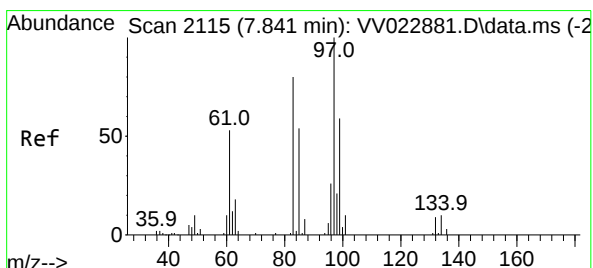
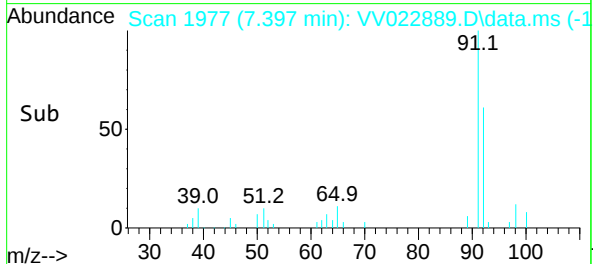
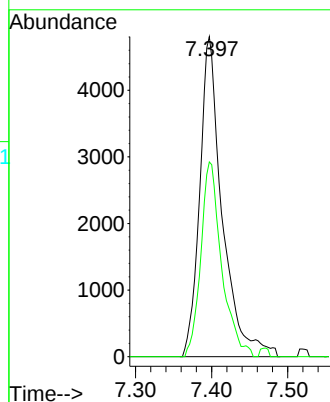
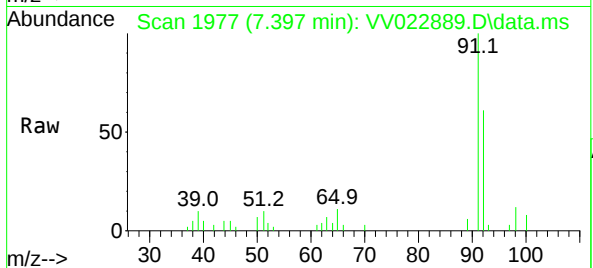
Acq: 19 Oct 2021 00:42

Tgt Ion: 91 Resp: 9853

Ion Ratio Lower Upper

91 100

92 60.9 40.7 75.7



#45

1,1,2-Trichloroethane

Concen: 0.130 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.138 min

Lab File: VV022889.D

Acq: 19 Oct 2021 00:42

Tgt Ion: 97 Resp: 766

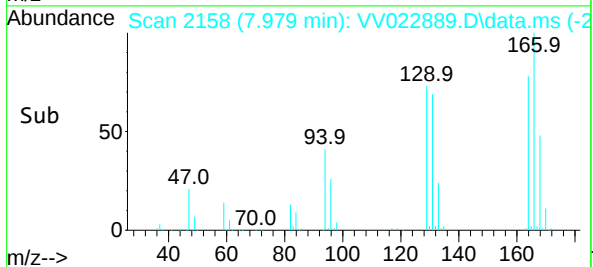
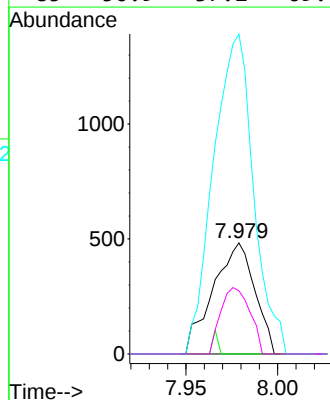
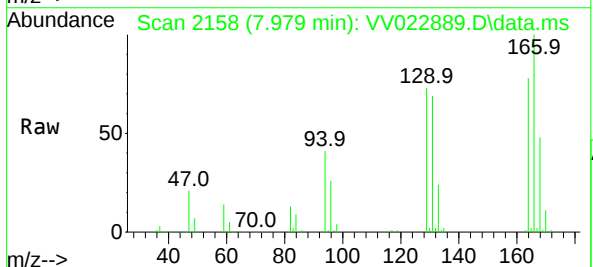
Ion Ratio Lower Upper

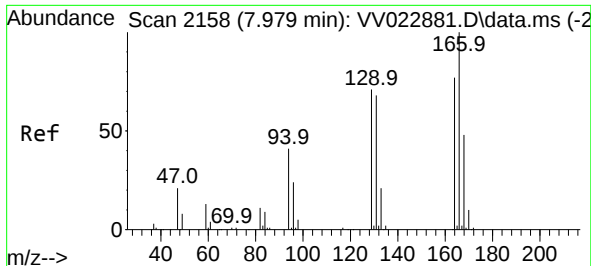
97 100

99 0.0 44.5 82.7#

83 288.2 56.6 105.0#

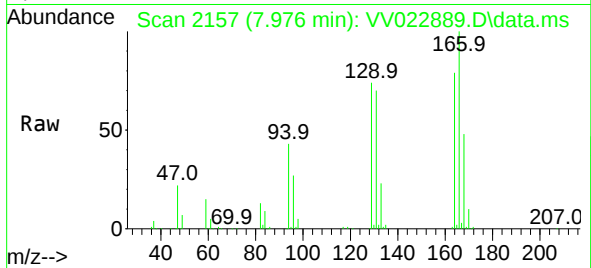
85 56.9 37.2 69.0



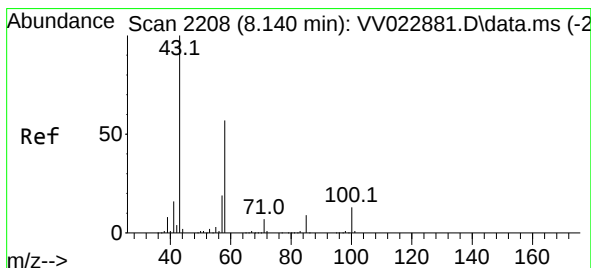
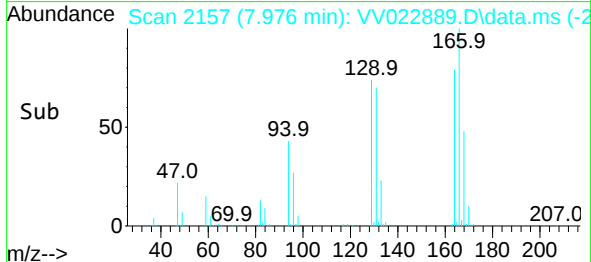
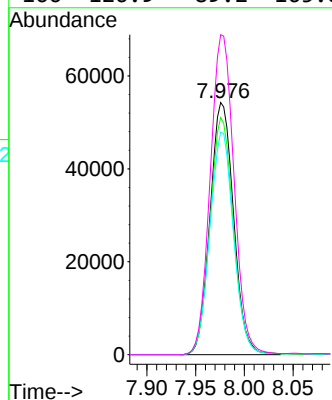


#47
Tetrachloroethene
Concen: 12.572 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

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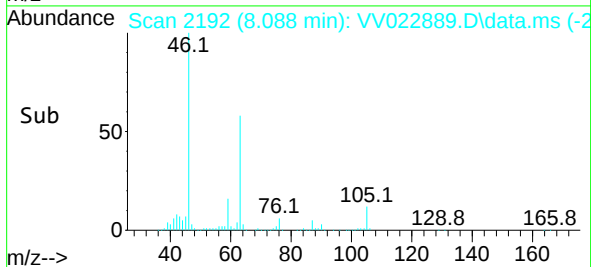
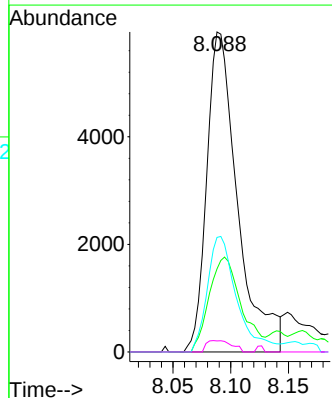
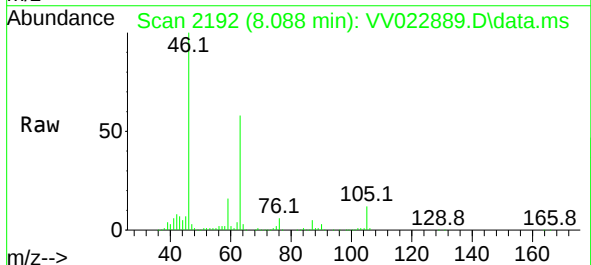


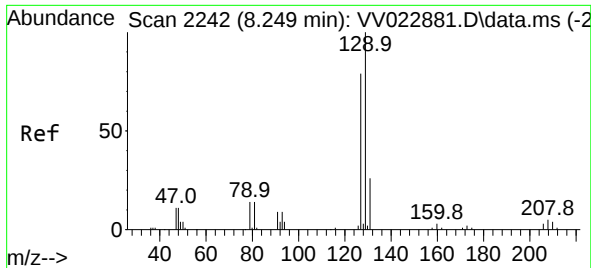
Tgt Ion:	164	Resp:	91448
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.0	120.6
131	88.2	62.2	115.4
166	126.9	89.2	165.8



#48
2-Hexanone
Concen: 3.543 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion:	43	Resp:	11073
Ion	Ratio	Lower	Upper
43	100		
58	31.0	47.4	71.0#
57	34.5	15.3	22.9#
100	2.9	10.4	15.6#

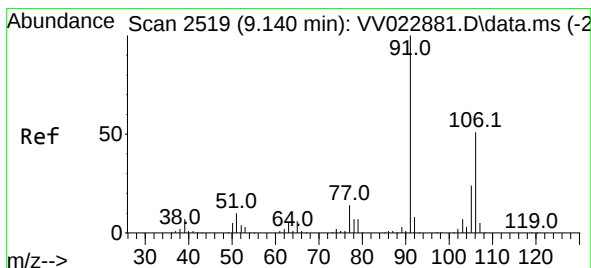
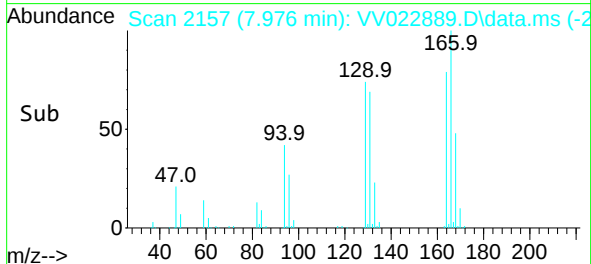
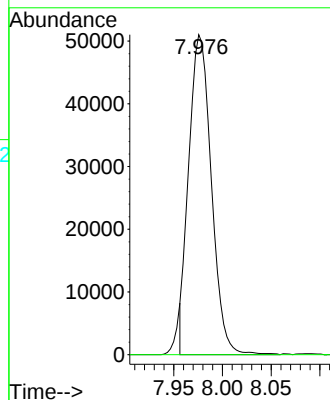
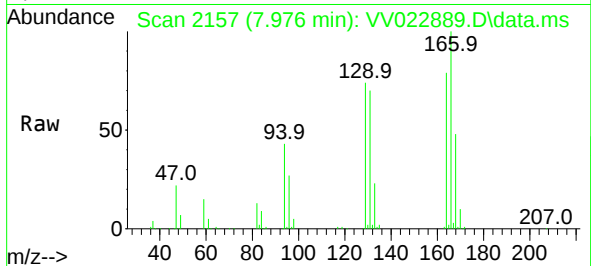




#49
Dibromochloromethane
Concen: 11.886 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.274 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

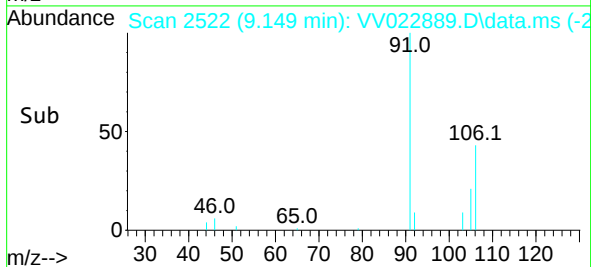
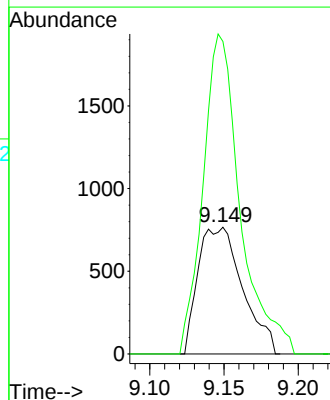
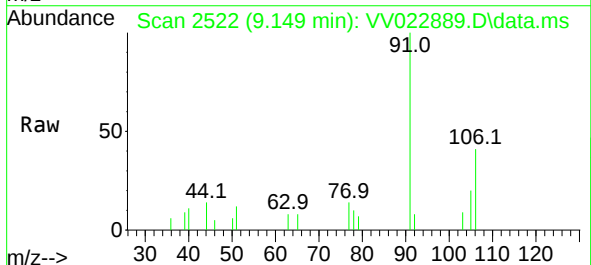
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

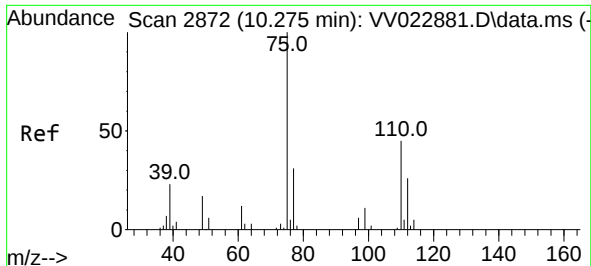
Tgt Ion:129 Resp: 82128
Ion Ratio Lower Upper
129 100
127 0.0 59.1 109.9#



#53
m,p-xylene
Concen: 0.120 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.009 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion:106 Resp: 1600
Ion Ratio Lower Upper
106 100
91 246.7 138.7 257.5

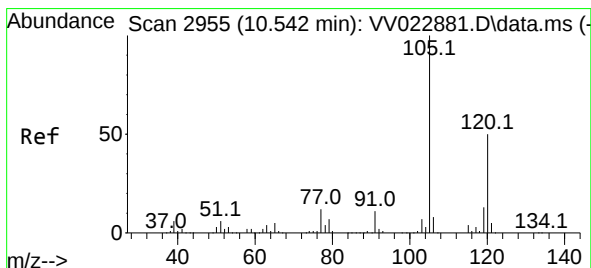
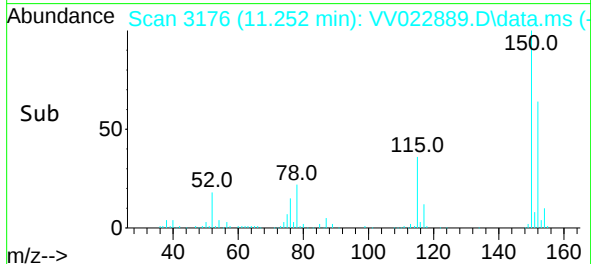
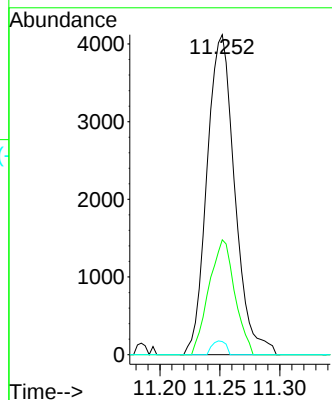
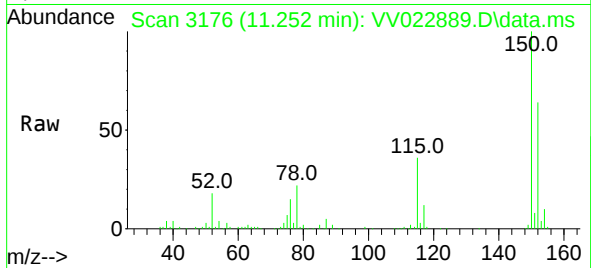




#61
1,2,3-Trichloropropane
Concen: 1.657 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

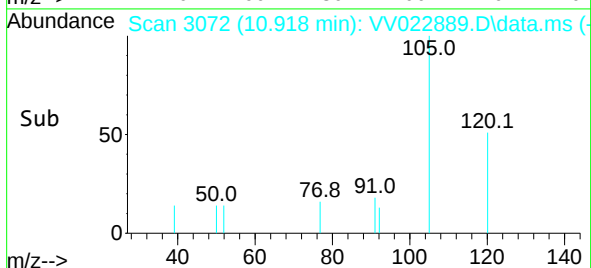
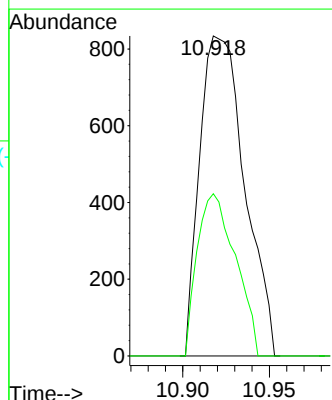
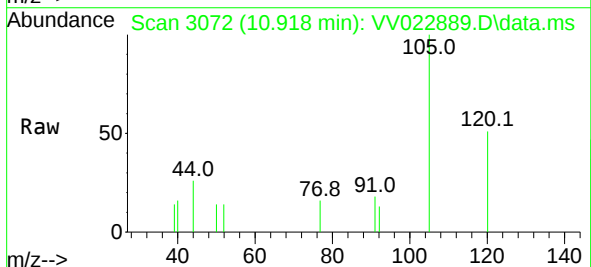
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

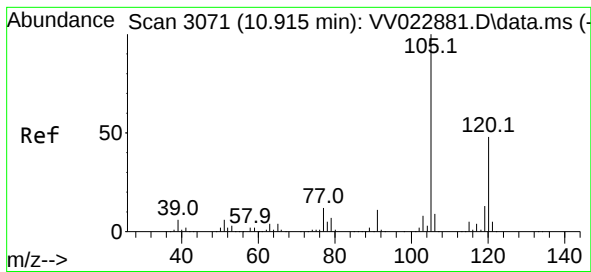
Tgt Ion: 75 Resp: 6629
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.2
110 2.1 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.064 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.376 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

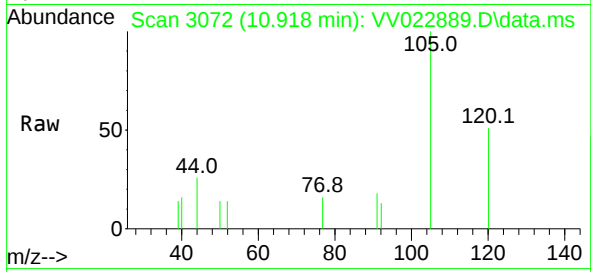
Tgt Ion: 105 Resp: 1509
Ion Ratio Lower Upper
105 100
120 43.1 39.4 59.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.064 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV022889.D
 Acq: 19 Oct 2021 00:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3



Tgt Ion:105 Resp: 1509
 Ion Ratio Lower Upper
 105 100
 120 43.1 37.3 55.9

