

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022897.D
 Acq On : 19 Oct 2021 03:53
 Operator : SY/MD
 Sample : M4137-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD0

Quant Time: Oct 19 05:21:26 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)

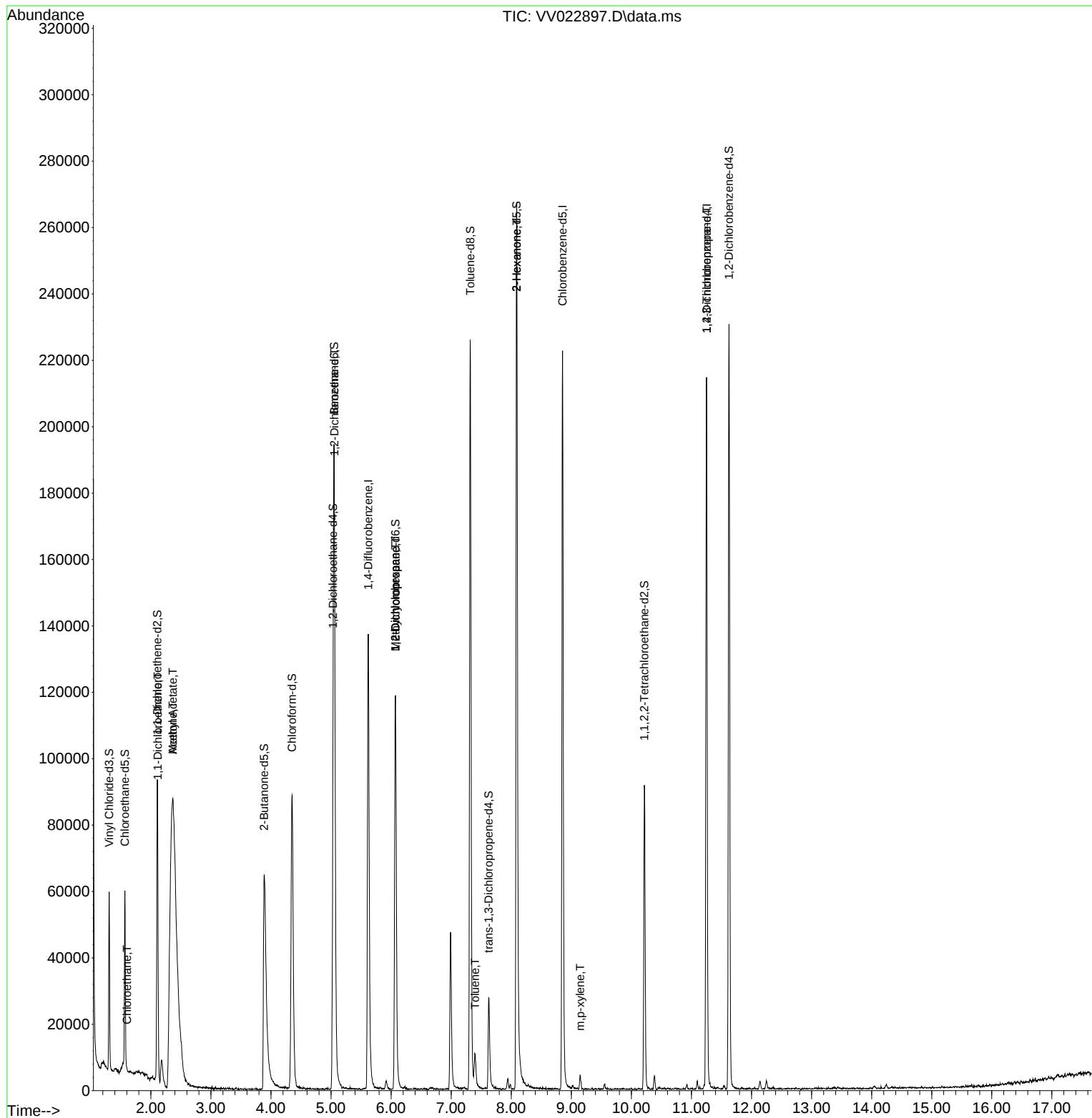
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33182	3.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	30815	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.108	63	46243	2.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.886	46	115667	52.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	4.349	84	95404	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.034	65	44341	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.053	84	179556	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	59293	5.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	150898	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	17114	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.088	63	92884	62.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44707	5.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	62158	5.525	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.603	64	536	0.094	ug/L #	53
12) 1,1-Dichloroethene	2.114	96	461	0.063	ug/L #	1
13) Acetone	2.365	43	81955	66.777	ug/L	69
15) Methyl Acetate	2.365	43	90260	25.703	ug/L #	50
27) 1,2-Dichloroethane	5.056	62	973	0.117	ug/L #	69
35) Methylcyclohexane	6.072	83	14387	1.111	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	7011	0.858	ug/L #	86
42) Toluene	7.397	91	7848	0.227	ug/L	98
48) 2-Hexanone	8.092	43	10709	3.334	ug/L #	72
53) m,p-xylene	9.146	106	1397	0.102	ug/L	73
61) 1,2,3-Trichloropropane	11.252	75	6566	1.558	ug/L #	62

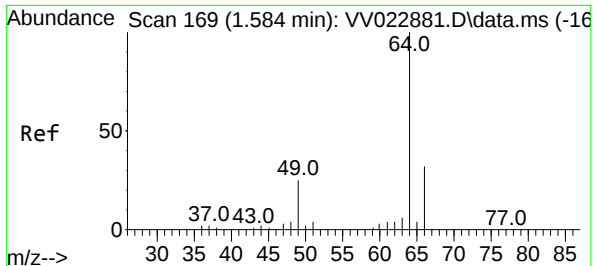
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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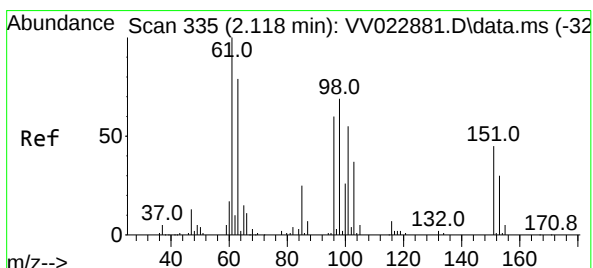
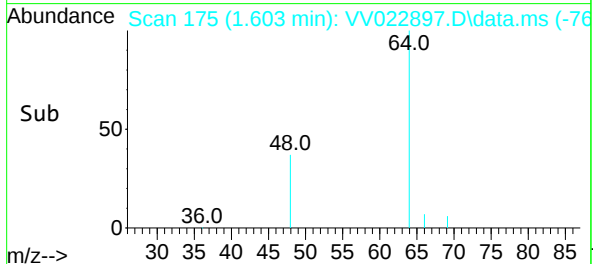
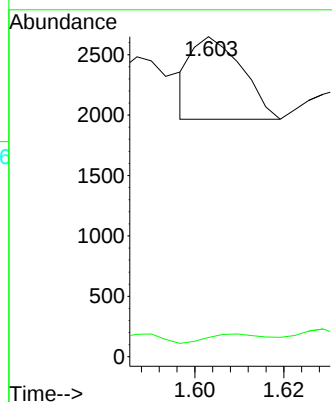
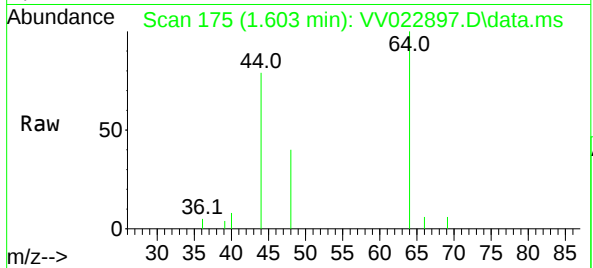




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.603 min Scan# 175
Delta R.T. 0.019 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

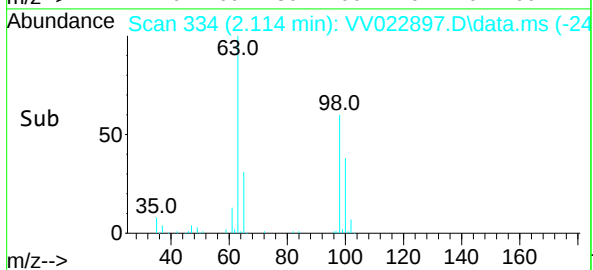
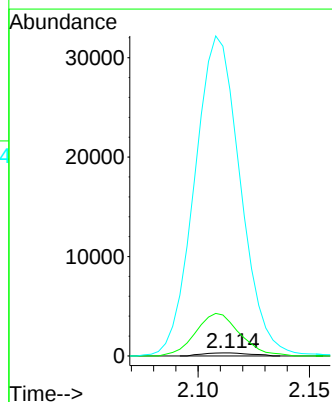
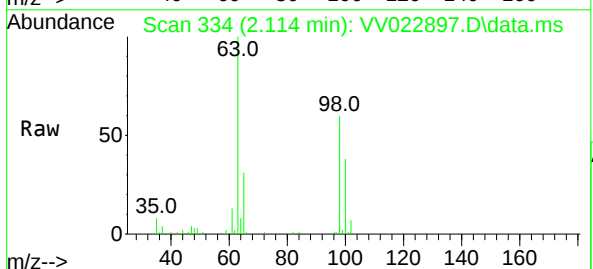
Instrument :
MSVOA_V
ClientSampleId :
BFGD0

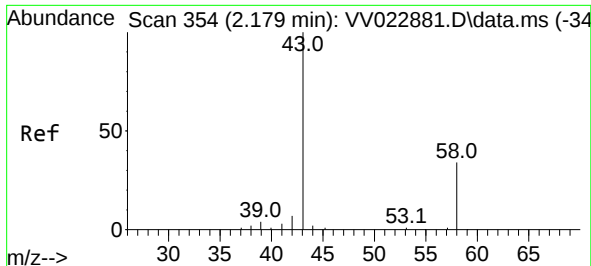
Tgt Ion: 64 Resp: 536
Ion Ratio Lower Upper
64 100
66 6.0 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

Tgt Ion: 96 Resp: 461
Ion Ratio Lower Upper
96 100
61 1108.1 127.3 236.5#
63 8716.6 106.2 197.2#

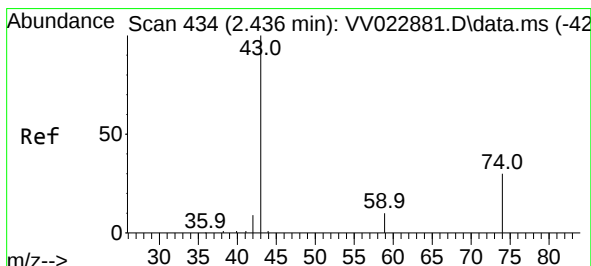
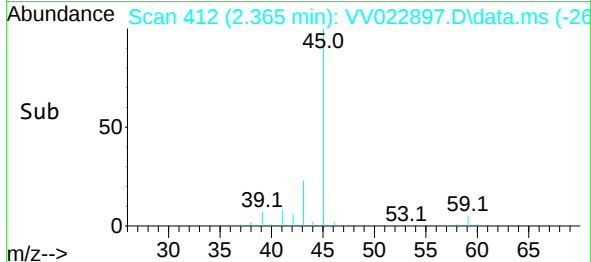
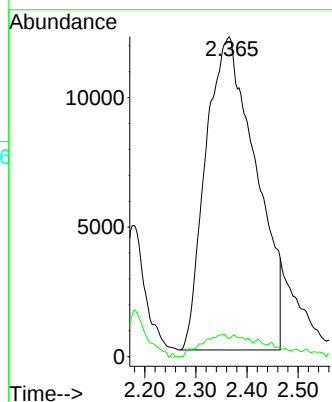
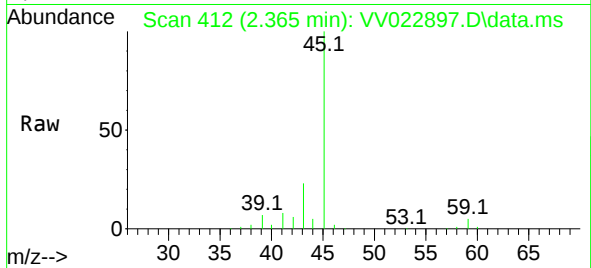




#13
Acetone
Concen: 66.777 ug/L
RT: 2.365 min Scan# 412
Delta R.T. 0.186 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

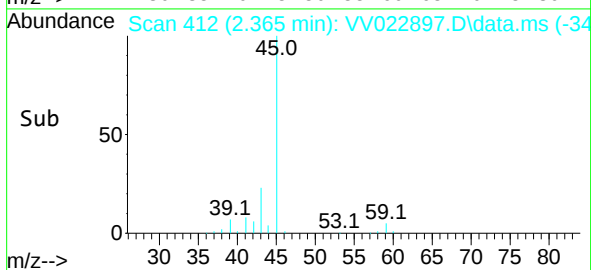
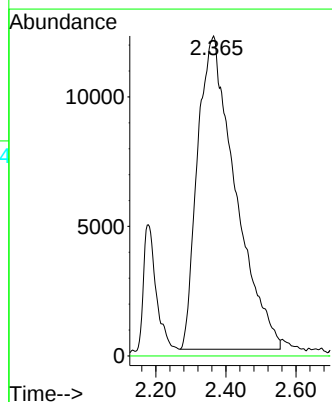
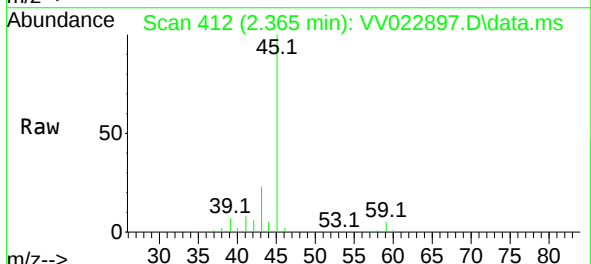
Instrument :
MSVOA_V
ClientSampled :
BFGD0

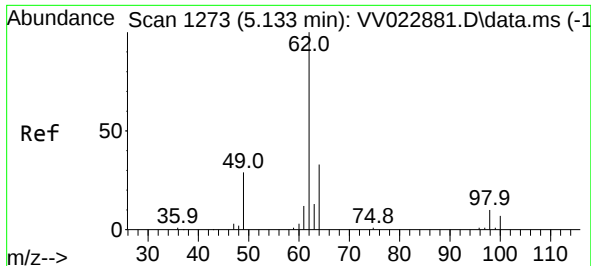
Tgt Ion: 43 Resp: 81955
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2



#15
Methyl Acetate
Concen: 25.703 ug/L
RT: 2.365 min Scan# 412
Delta R.T. -0.071 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

Tgt Ion: 43 Resp: 90260
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#





#27

1,2-Dichloroethane

Concen: 0.117 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.077 min

Lab File: VV022897.D

Acq: 19 Oct 2021 03:53

Instrument :

MSVOA_V

ClientSampleId :

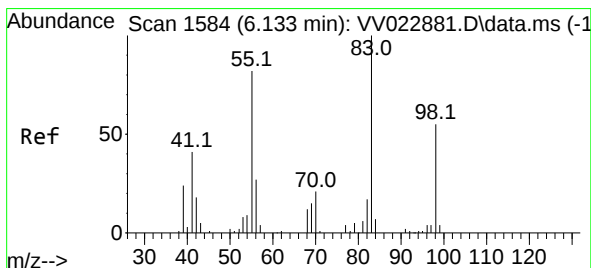
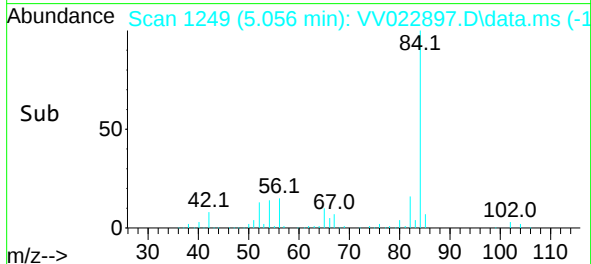
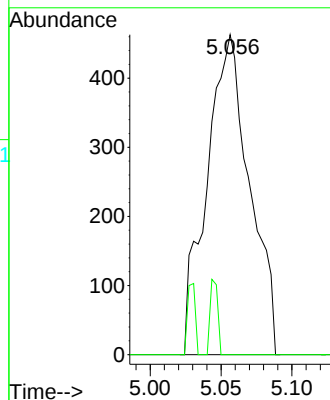
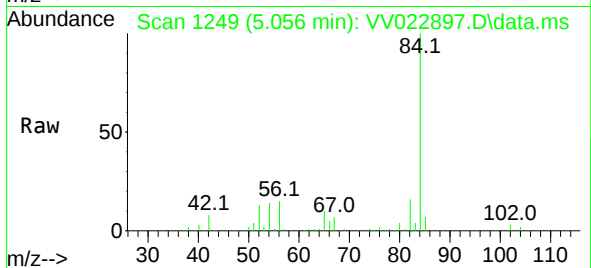
BFGD0

Tgt Ion: 62 Resp: 973

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#



#35

Methylcyclohexane

Concen: 1.111 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV022897.D

Acq: 19 Oct 2021 03:53

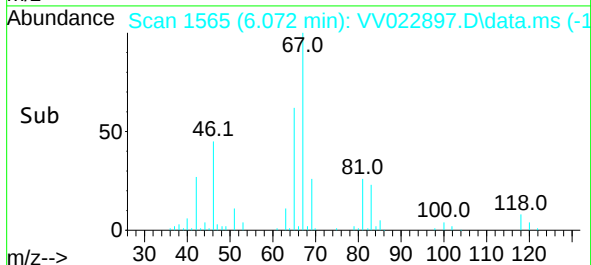
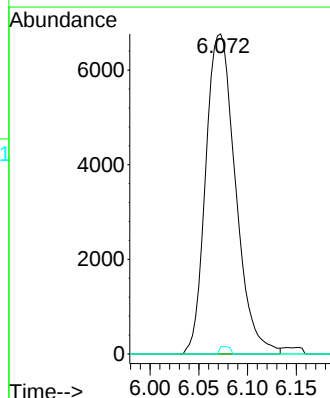
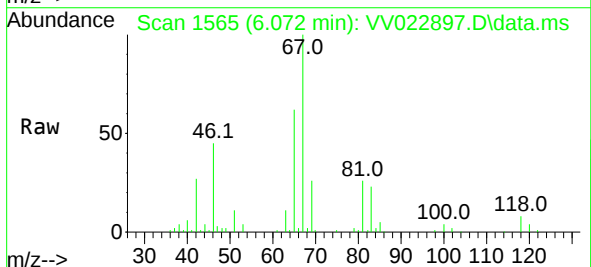
Tgt Ion: 83 Resp: 14387

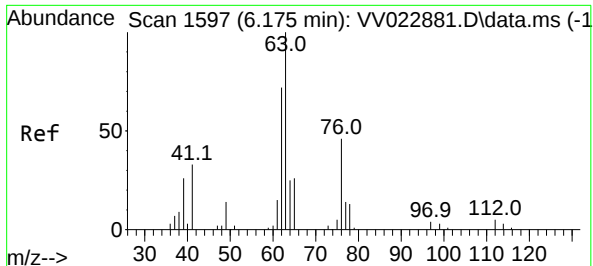
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.8 42.1 63.1#



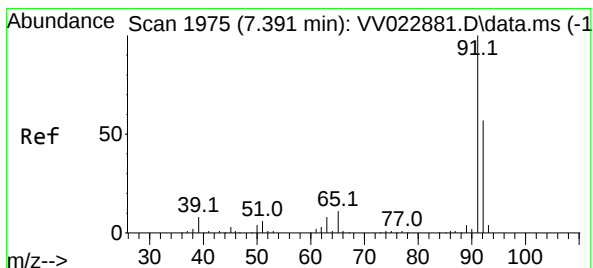
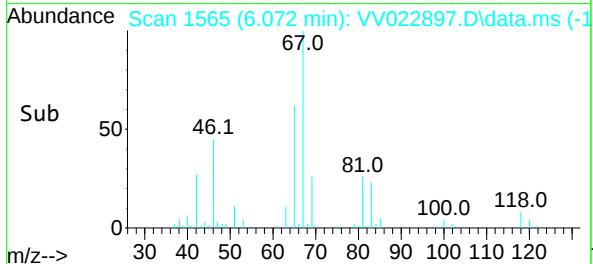
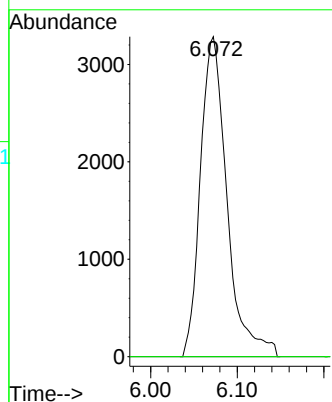
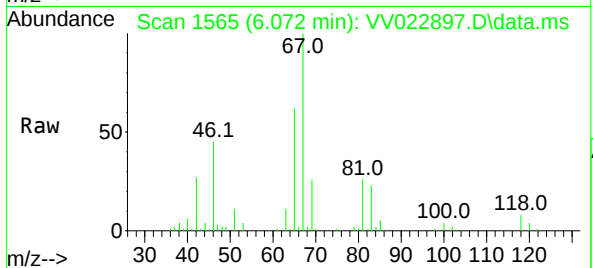


#37

1,2-Dichloropropane
Concen: 0.858 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

Instrument :
MSVOA_V
ClientSampleId :
BFGD0

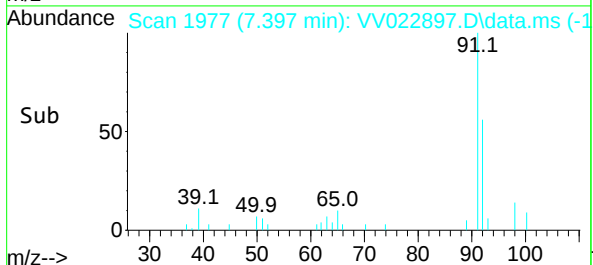
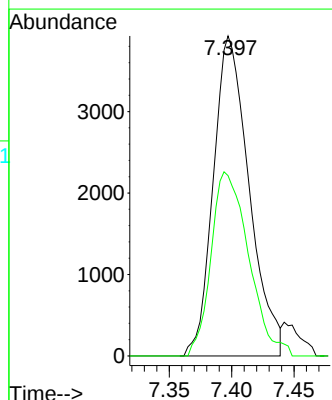
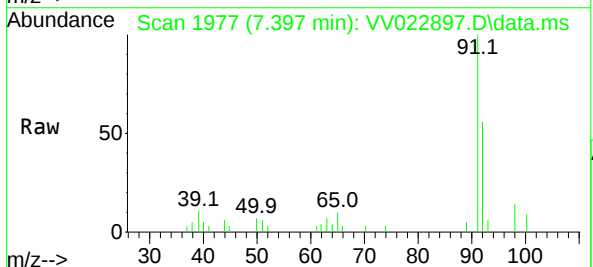
Tgt Ion: 63 Resp: 7011
Ion Ratio Lower Upper
63 100
112 0.7 4.4 6.6#

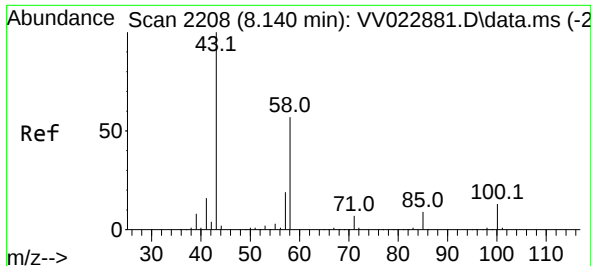


#42

Toluene
Concen: 0.227 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

Tgt Ion: 91 Resp: 7848
Ion Ratio Lower Upper
91 100
92 56.4 40.7 75.7

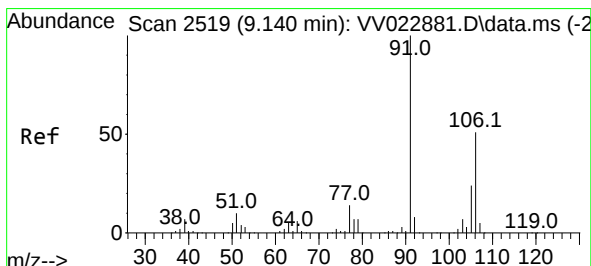
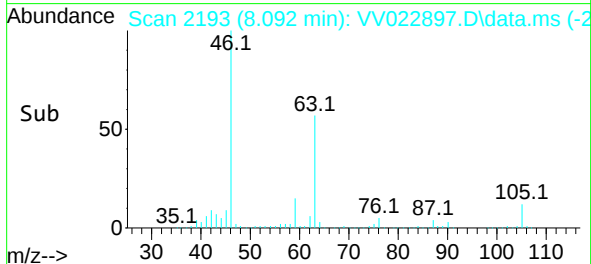
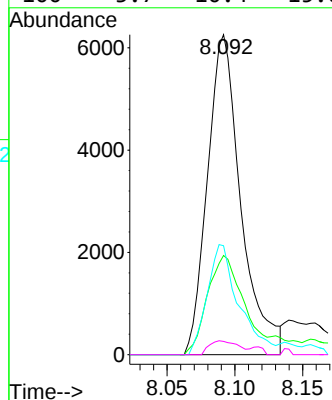
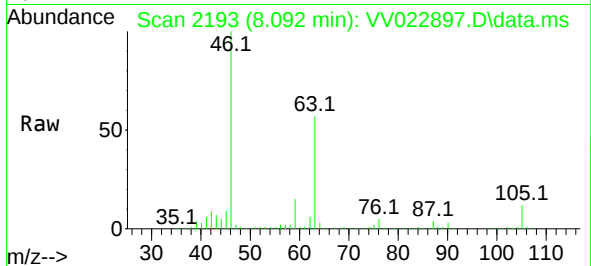




#48
2-Hexanone
Concen: 3.334 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

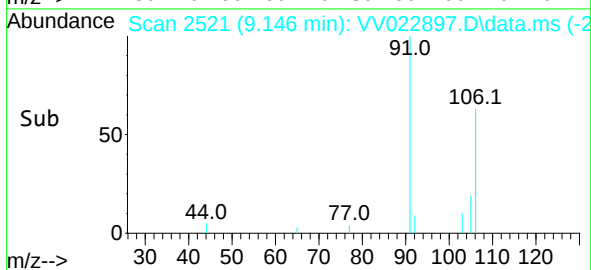
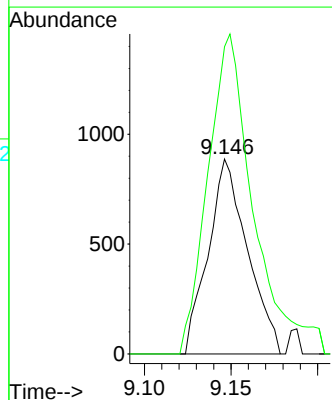
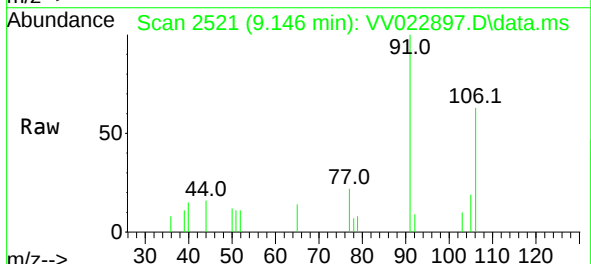
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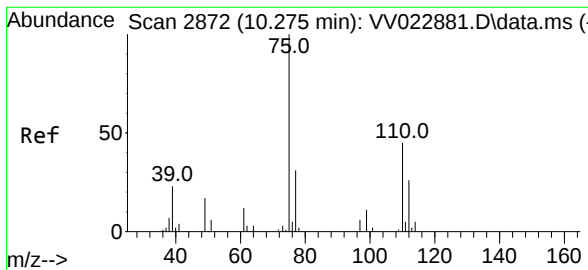
Tgt Ion: 43	Resp: 10709
Ion Ratio	Lower Upper
43 100	
58 37.9	47.4 71.0#
57 32.8	15.3 22.9#
100 3.7	10.4 15.6#



#53
m,p-xylene
Concen: 0.102 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022897.D
Acq: 19 Oct 2021 03:53

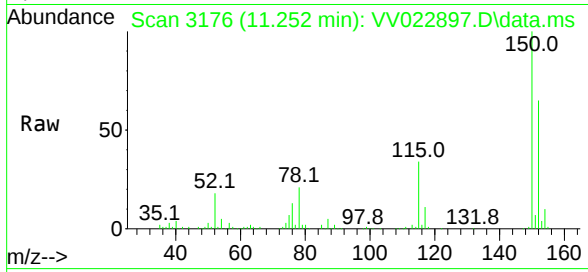
Tgt Ion: 106	Resp: 1397
Ion Ratio	Lower Upper
106 100	
91 157.7	138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.558 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022897.D
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Tgt Ion:	75	Resp:	6566
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
110	0.6	34.2	51.4#

