

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082120\
 Data File : VV018075.D
 Acq On : 21 Aug 2020 12:20
 Operator : SY/MD
 Sample : L3767-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSJ1

Quant Time: Aug 22 00:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 22 00:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	387563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	375379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125877	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.58	69	106611	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.14%
11) 1,1-Dichloroethene-d2	2.12	63	185506	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	3.90	46	145593	75.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.17%
24) Chloroform-d	4.37	84	219047	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.38%
26) 1,2-Dichloroethane-d4	5.05	65	148508	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
32) Benzene-d6	5.07	84	450153	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
36) 1,2-Dichloropropane-d6	6.09	67	145635	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.33	98	405490	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.64	79	67074	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.11	63	75177	69.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	165666	37.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	167725	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%

Target Compounds

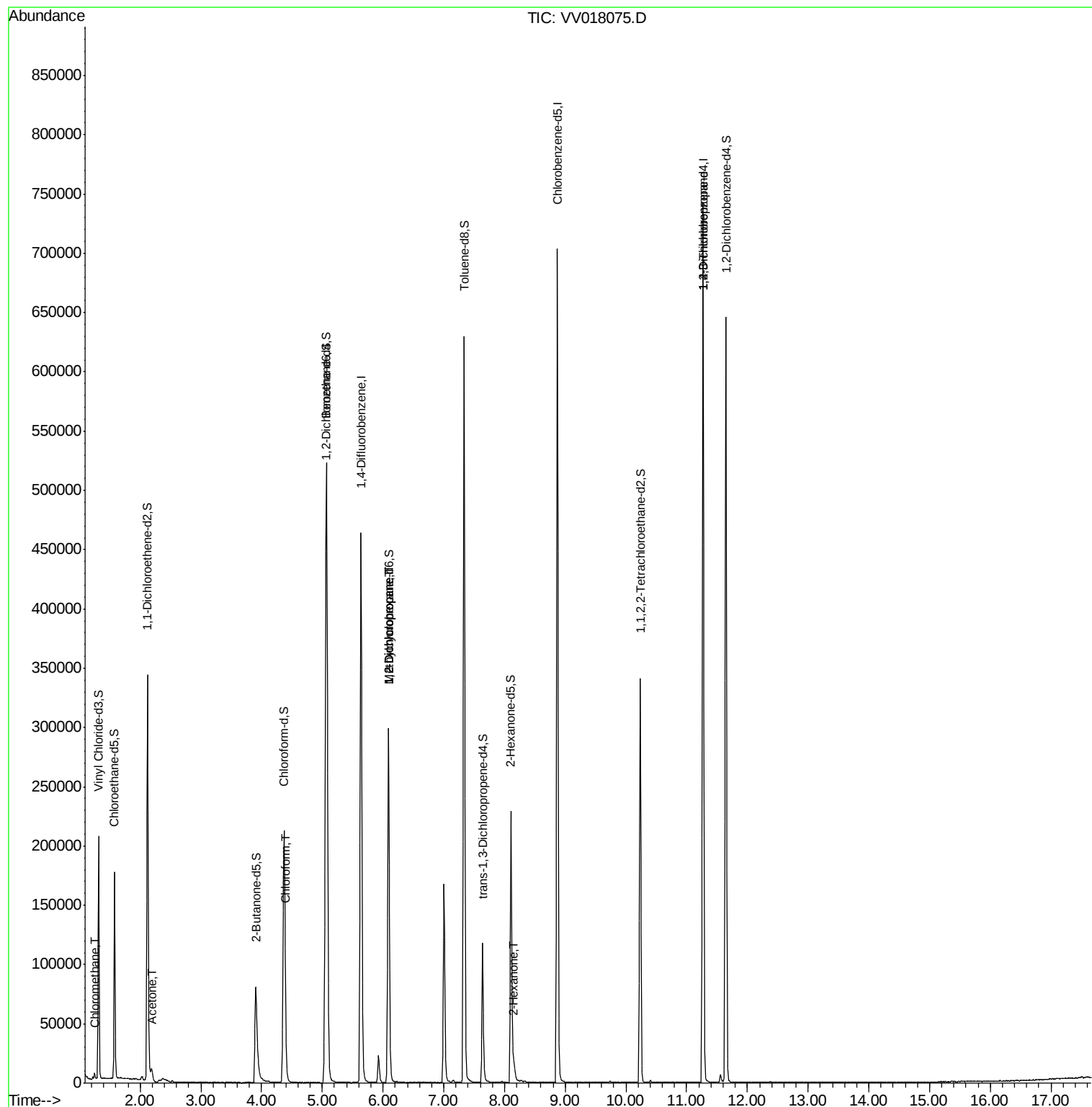
					Ovalue
3) Chloromethane	1.25	50	3221	0.927 ug/L	98
13) Acetone	2.19	43	13828	6.912 ug/L	100
25) Chloroform	4.40	83	5570	1.016 ug/L	85
35) Methylcyclohexane	6.09	83	34459	7.549 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	16216	5.120 ug/L #	87
48) 2-Hexanone	8.16	43	8091	2.423 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	21775	5.567 ug/L	91

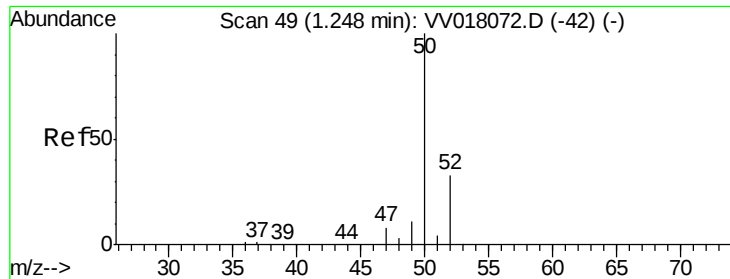
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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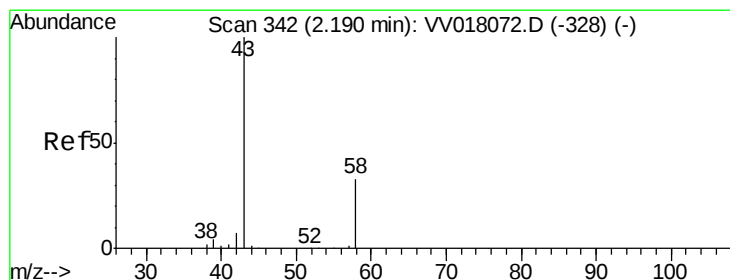
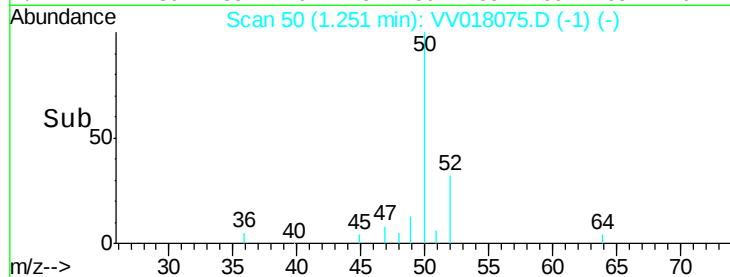
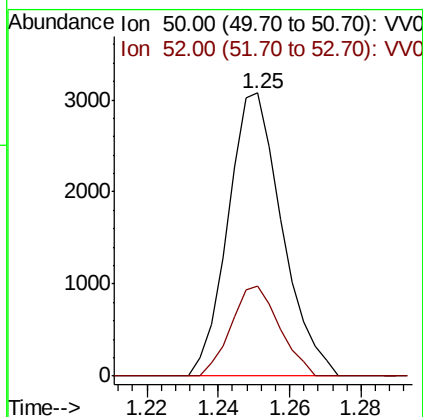
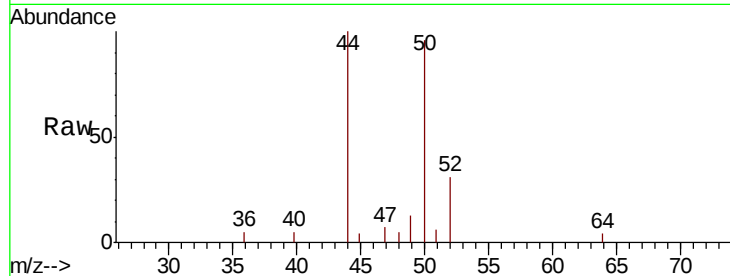




#3
 Chloromethane
 Concen: 0.927 ug/L
 RT: 1.25 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VV018075.D
 Acq: 21 Aug 2020 12:20

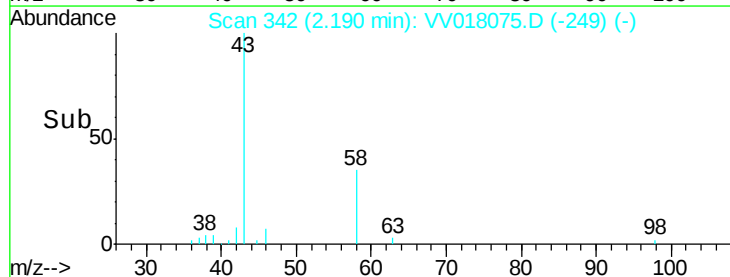
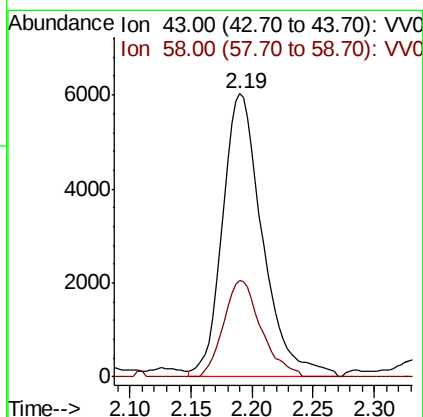
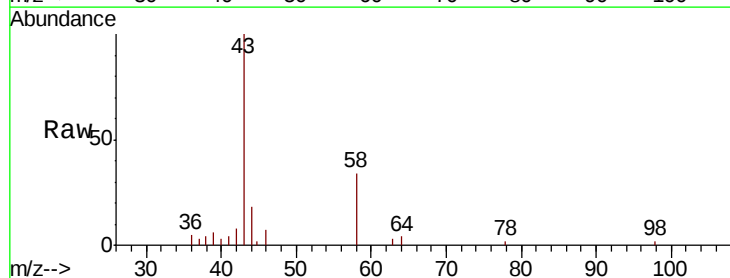
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 MSVOA_V
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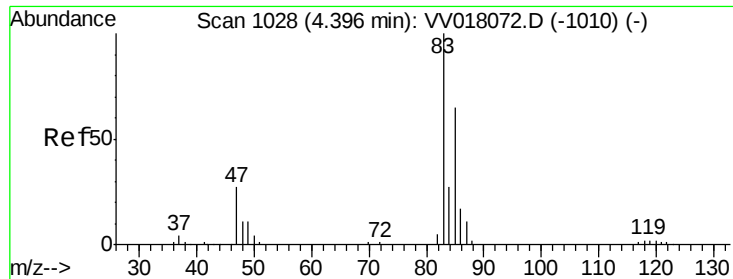
Tot Ion: 50 Resp: 3221
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.2 43.2



#13
 Acetone
 Concen: 6.912 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV018075.D
 Acq: 21 Aug 2020 12:20

Tgt Ion: 43 Resp: 13828
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 63.6

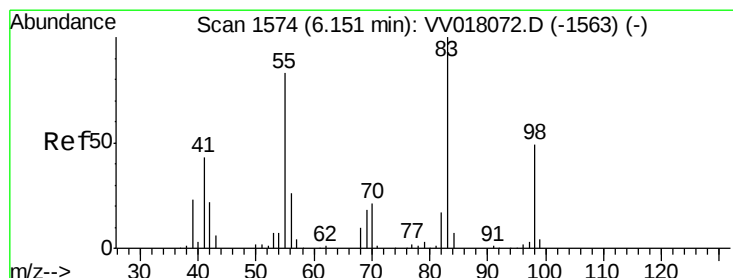
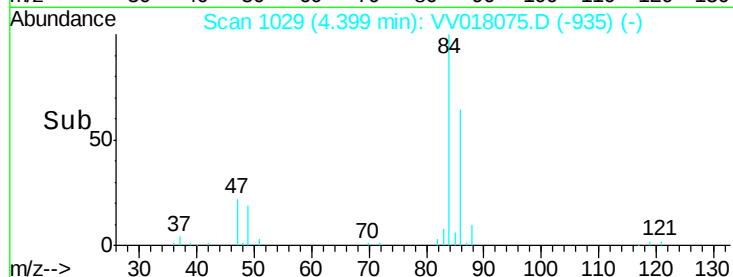
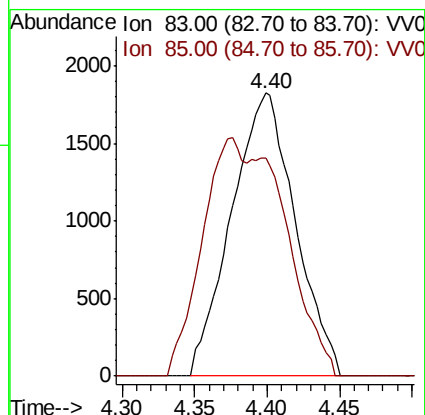
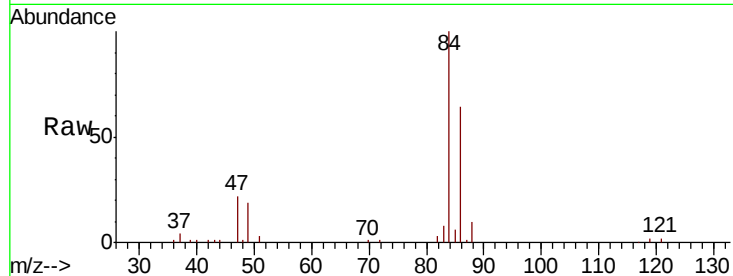




#25
Chloroform
Concen: 1.016 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018075.D
Acq: 21 Aug 2020 12:20

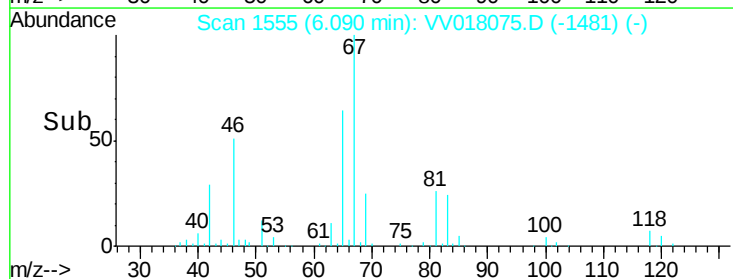
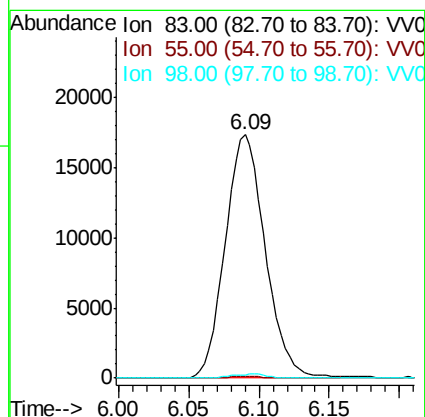
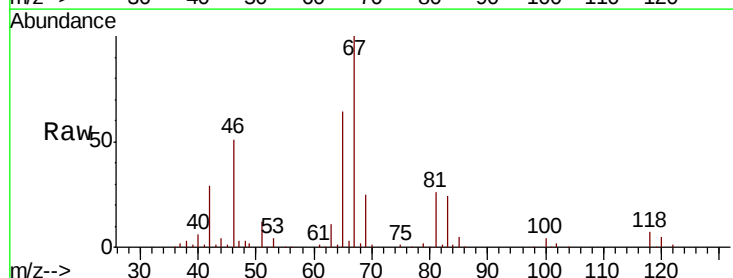
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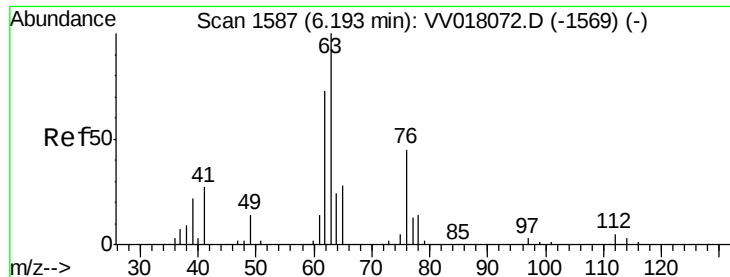
Tot Ion: 83 Resp: 5570
Ion Ratio Lower Upper
83 100
85 77.1 45.5 84.5



#35
Methylcyclohexane
Concen: 7.549 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018075.D
Acq: 21 Aug 2020 12:20

Tgt Ion: 83 Resp: 34459
Ion Ratio Lower Upper
83 100
55 0.5 64.9 97.3#
98 1.4 38.7 58.1#

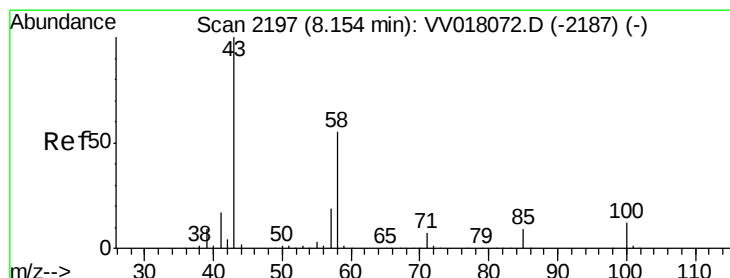
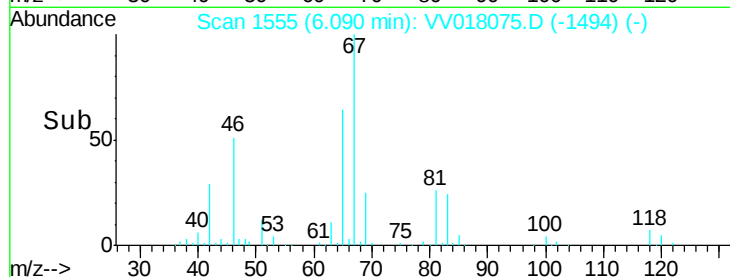
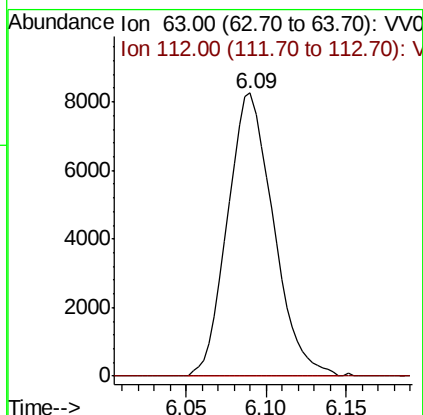
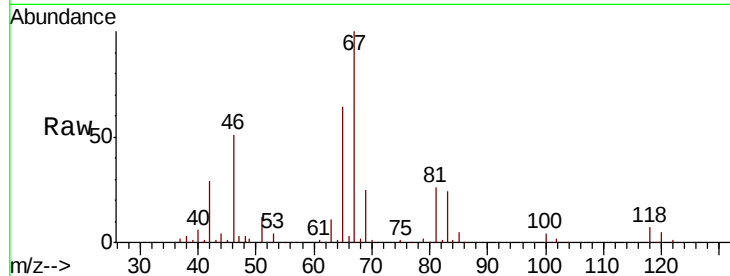




#37
 1,2-Dichloropropane
 Concen: 5.120 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV018075.D
 Acq: 21 Aug 2020 12:20

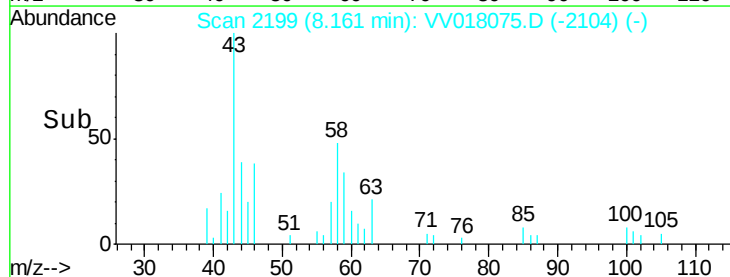
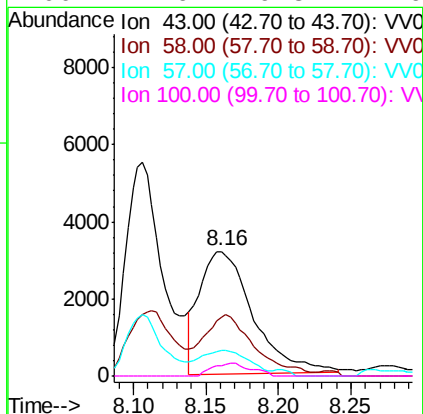
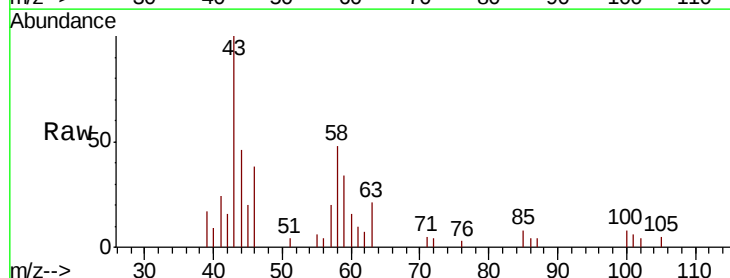
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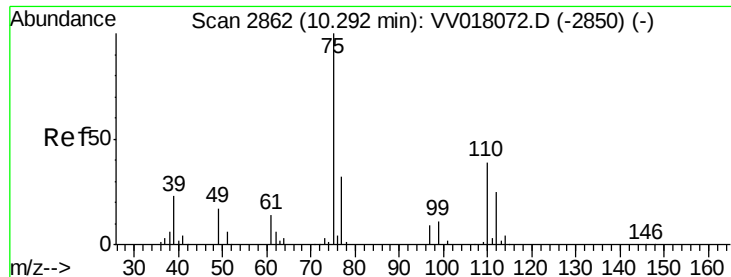
Tot Ion: 63 Resp: 16216
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.423 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018075.D
 Acq: 21 Aug 2020 12:20

Tgt Ion: 43 Resp: 8091
 Ion Ratio Lower Upper
 43 100
 58 37.5 44.4 66.6#
 57 19.1 15.2 22.8
 100 7.6 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.567 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018075.D

Acq: 21 Aug 2020 12:20

Instrument :

MSVOA_V

ClientSampleId :

BFSJ1

Tot Ion: 75 Resp: 21775

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5

