

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018019.D
 Acq On : 17 Aug 2020 12:28
 Operator : SY/MD
 Sample : L3684-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F92

Quant Time: Aug 18 01:25:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88988	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.76%
7) Chloroethane-d5	1.58	69	78732	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.48%
11) 1,1-Dichloroethene-d2	2.12	63	134245	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
21) 2-Butanone-d5	3.91	46	115729	94.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.37	84	164942	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.06	65	115448	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.07	84	338469	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.09	67	108810	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.22%
41) Toluene-d8	7.34	98	298239	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.64	79	49877	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.11	63	59312	84.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	135874	47.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	123551	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%

Target Compounds

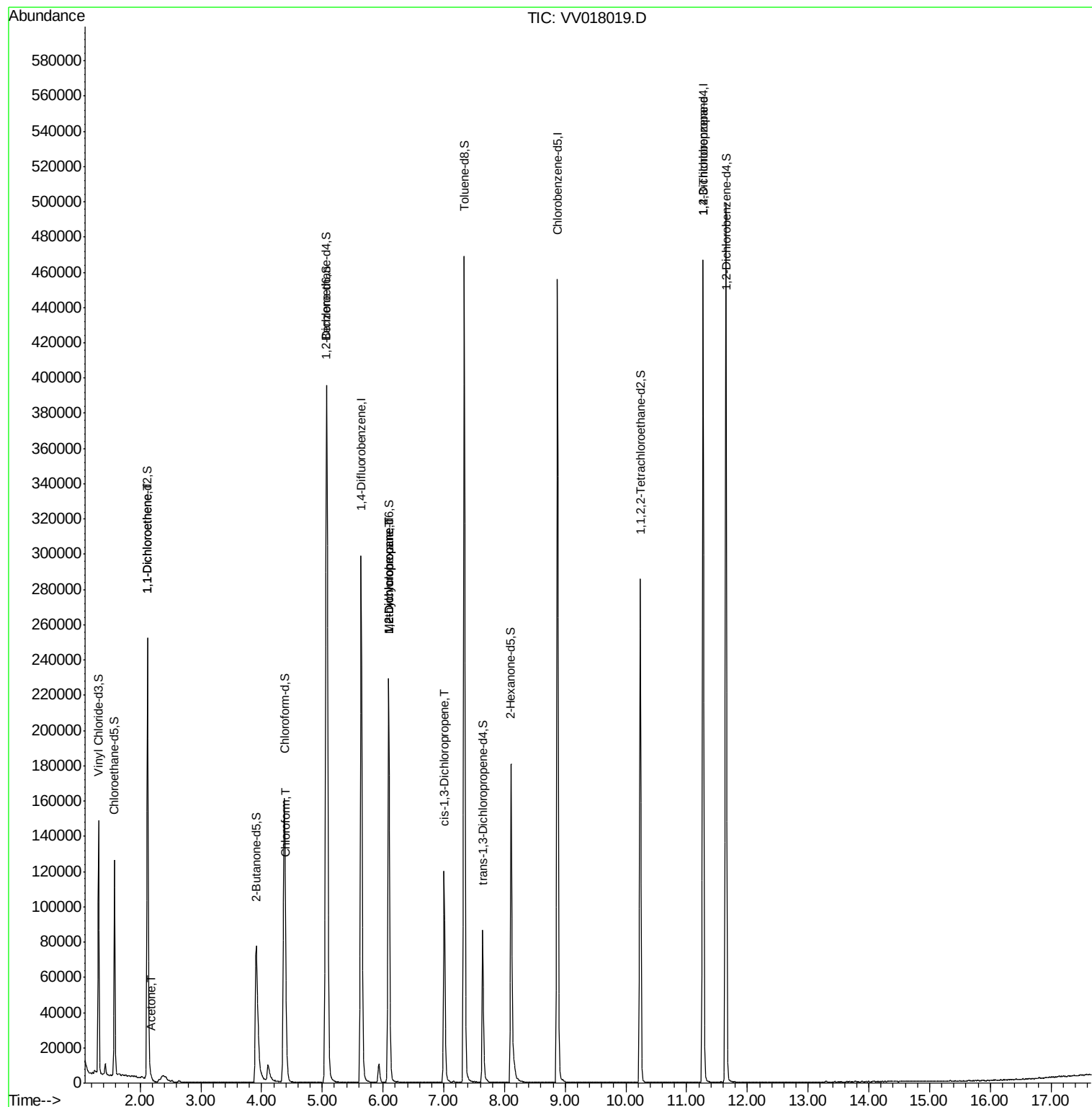
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	1143	0.692	ug/L #	1
13) Acetone	2.19	43	2055	1.617	ug/L	85
25) Chloroform	4.40	83	14172	4.071	ug/L	95
35) Methylcyclohexane	6.09	83	25821	8.722	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12276	5.977	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3031	1.041	ug/L #	57
59) 1,2,3-Trichloropropane	11.27	75	14089	5.554	ug/L	92

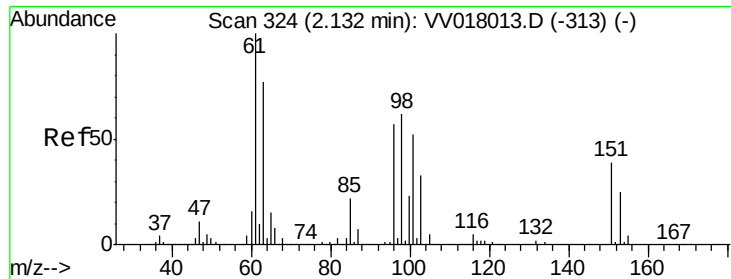
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.692 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018019.D

Acq: 17 Aug 2020 12:28

Instrument :

MSVOA_V

ClientSampleId :

C0F92

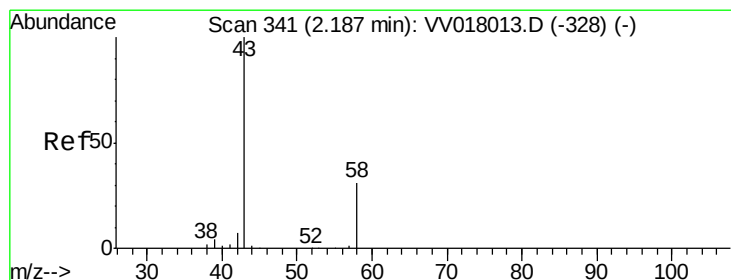
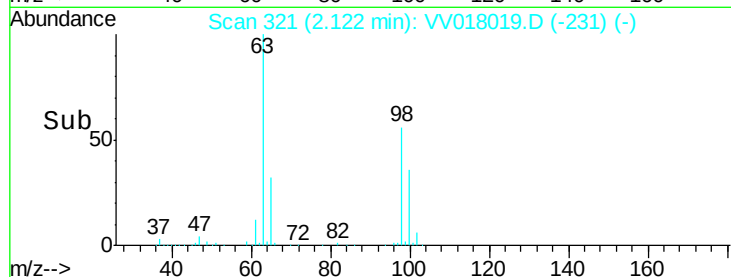
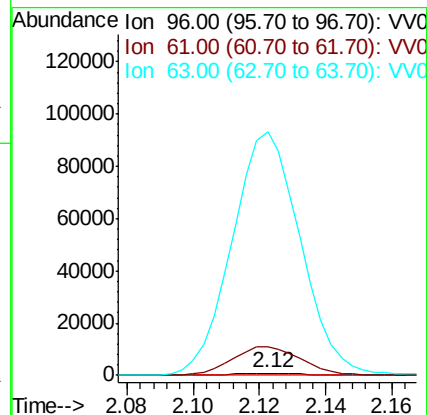
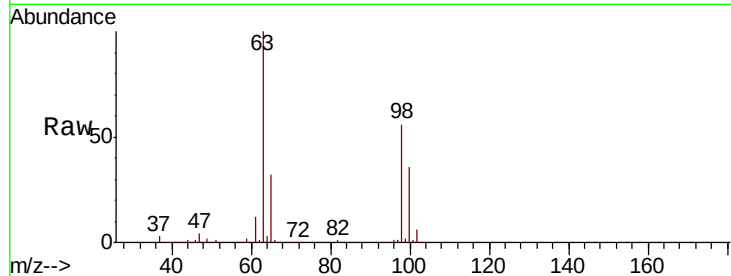
Tot Ion: 96 Resp: 1143

Ion Ratio Lower Upper

96 100

61 1541.5 127.1 236.0#

63 12943.3 95.2 176.8#



#13

Acetone

Concen: 1.617 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018019.D

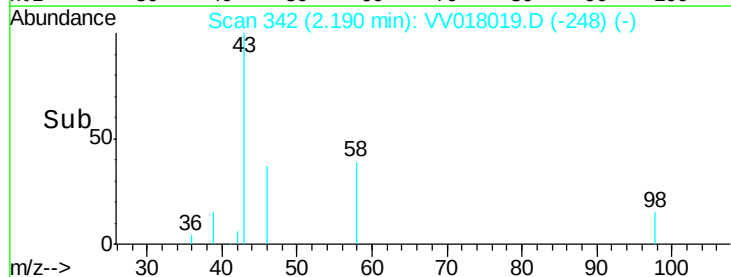
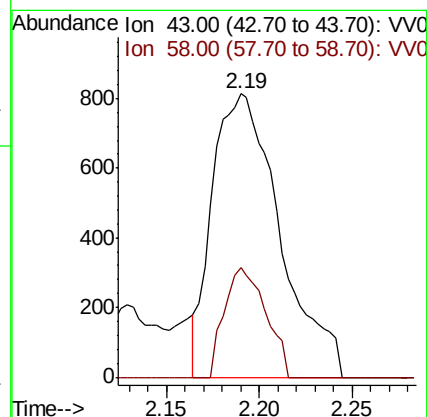
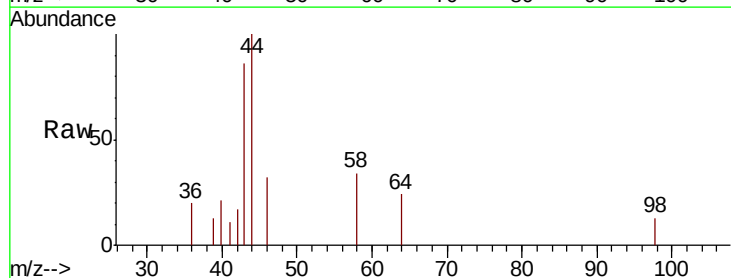
Acq: 17 Aug 2020 12:28

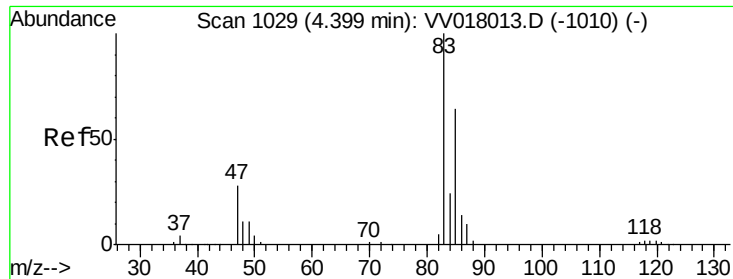
Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

58 23.7 0.0 63.6

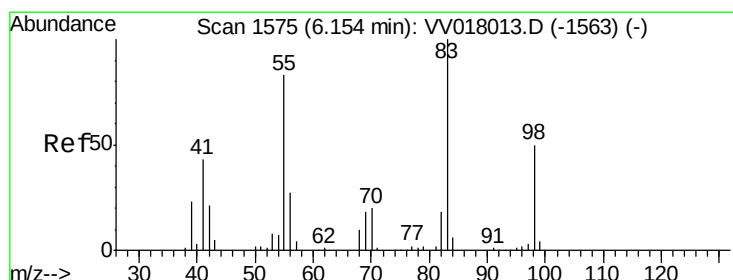
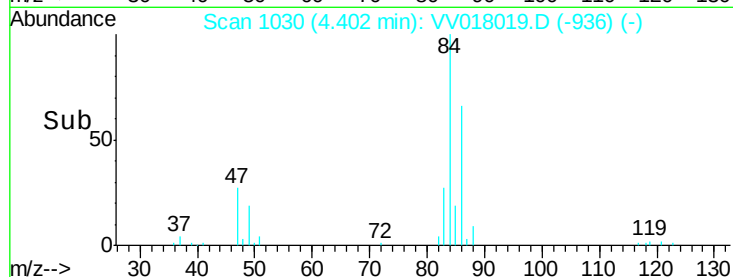
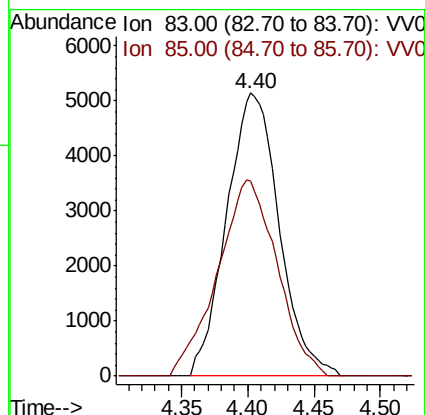
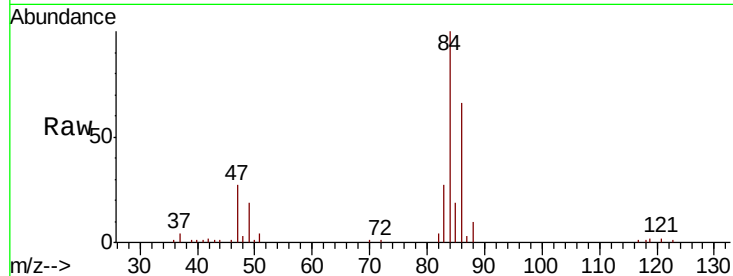




#25
Chloroform
Concen: 4.071 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018019.D
Acq: 17 Aug 2020 12:28

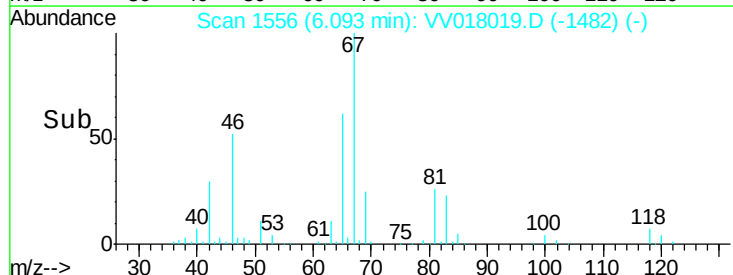
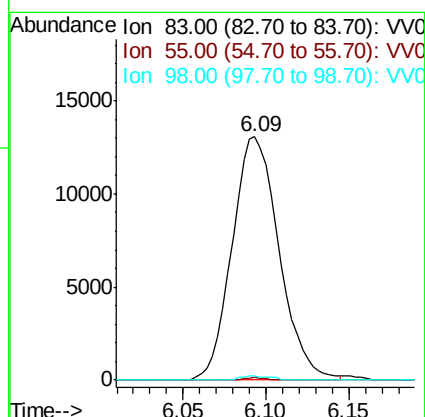
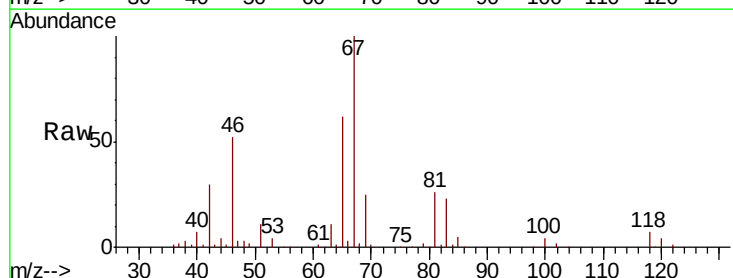
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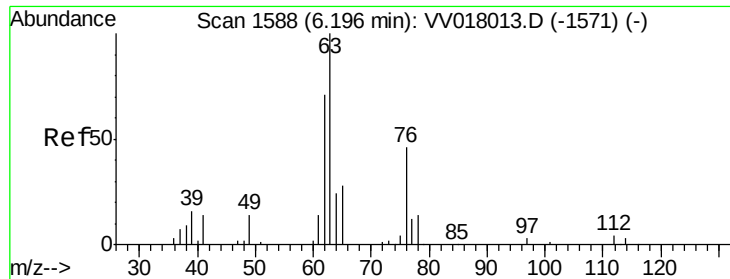
Tot Ion: 83 Resp: 14172
Ion Ratio Lower Upper
83 100
85 69.1 45.5 84.5



#35
Methylcyclohexane
Concen: 8.722 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018019.D
Acq: 17 Aug 2020 12:28

Tgt Ion: 83 Resp: 25821
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.0 38.7 58.1#

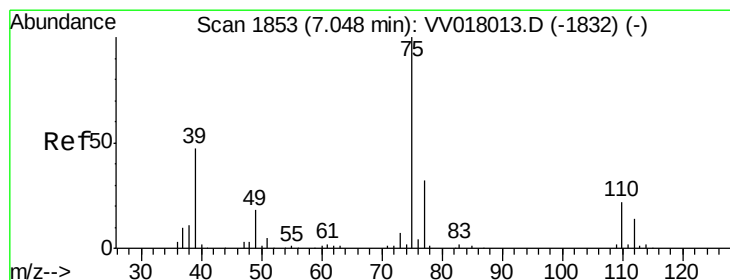
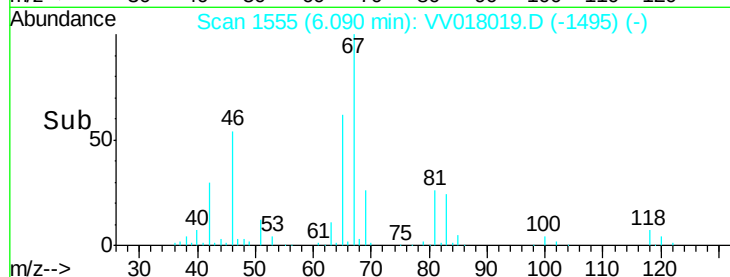
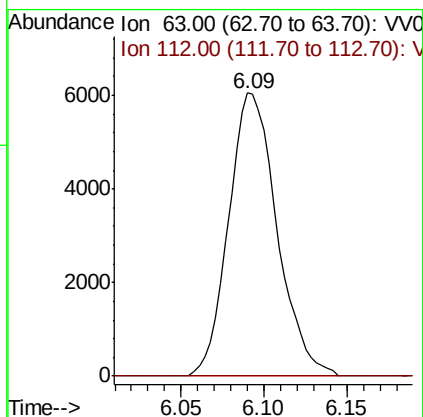
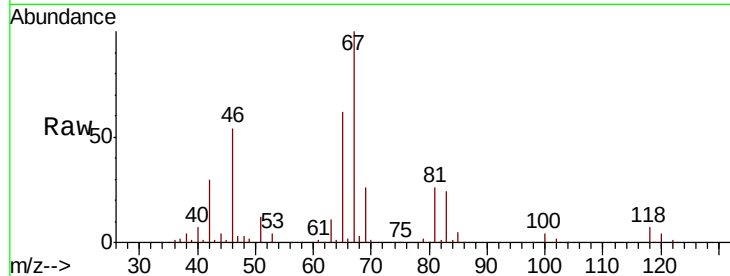




#37
 1,2-Dichloropropane
 Concen: 5.977 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018019.D
 Acq: 17 Aug 2020 12:28

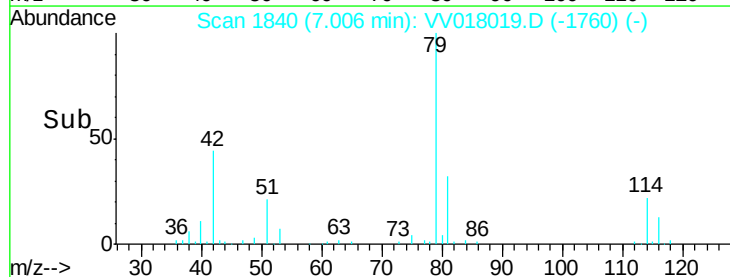
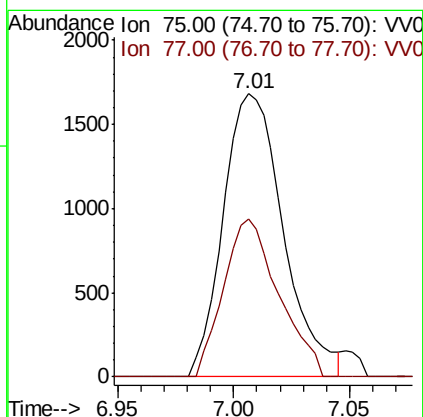
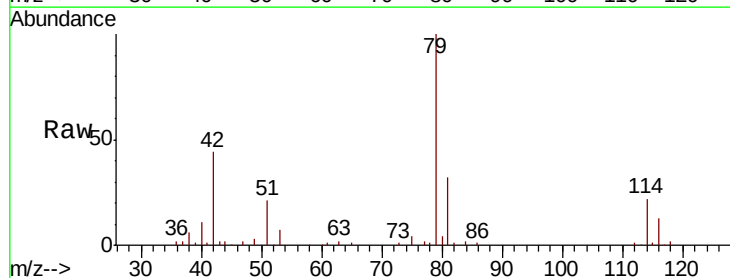
Instrument :
 MSVOA_V
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 C0F92

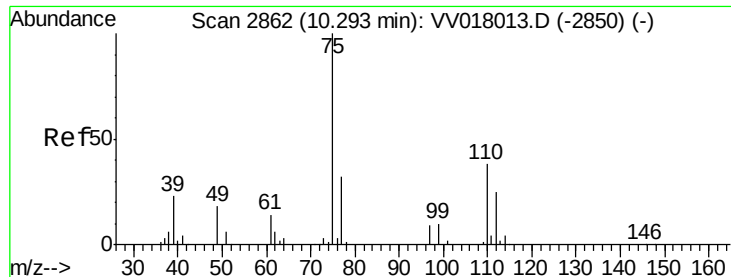
Tot Ion: 63 Resp: 12276
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.041 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018019.D
 Acq: 17 Aug 2020 12:28

Tgt Ion: 75 Resp: 3031
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.3 41.5#





#59
 1,2,3-Trichloropropane
 Concen: 5.554 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018019.D
 Acq: 17 Aug 2020 12:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F92

Tot Ion: 75 Resp: 14089
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.7 38.5

