

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019372.D
 Acq On : 13 Nov 2020 12:05
 Operator : SY/MD
 Sample : L4711-07RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF4

Quant Time: Nov 16 15:01:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	211174	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212464	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75132	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	62919	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.12	63	121343	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	3.91	46	78895	96.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.11%
24) Chloroform-d	4.38	84	144618	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	101770	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	262473	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.09	67	73731	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.34	98	248444	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.64	79	43962	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
47) 2-Hexanone-d5	8.11	63	47480	83.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.24%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	88089	42.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	112432	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%

Target Compounds

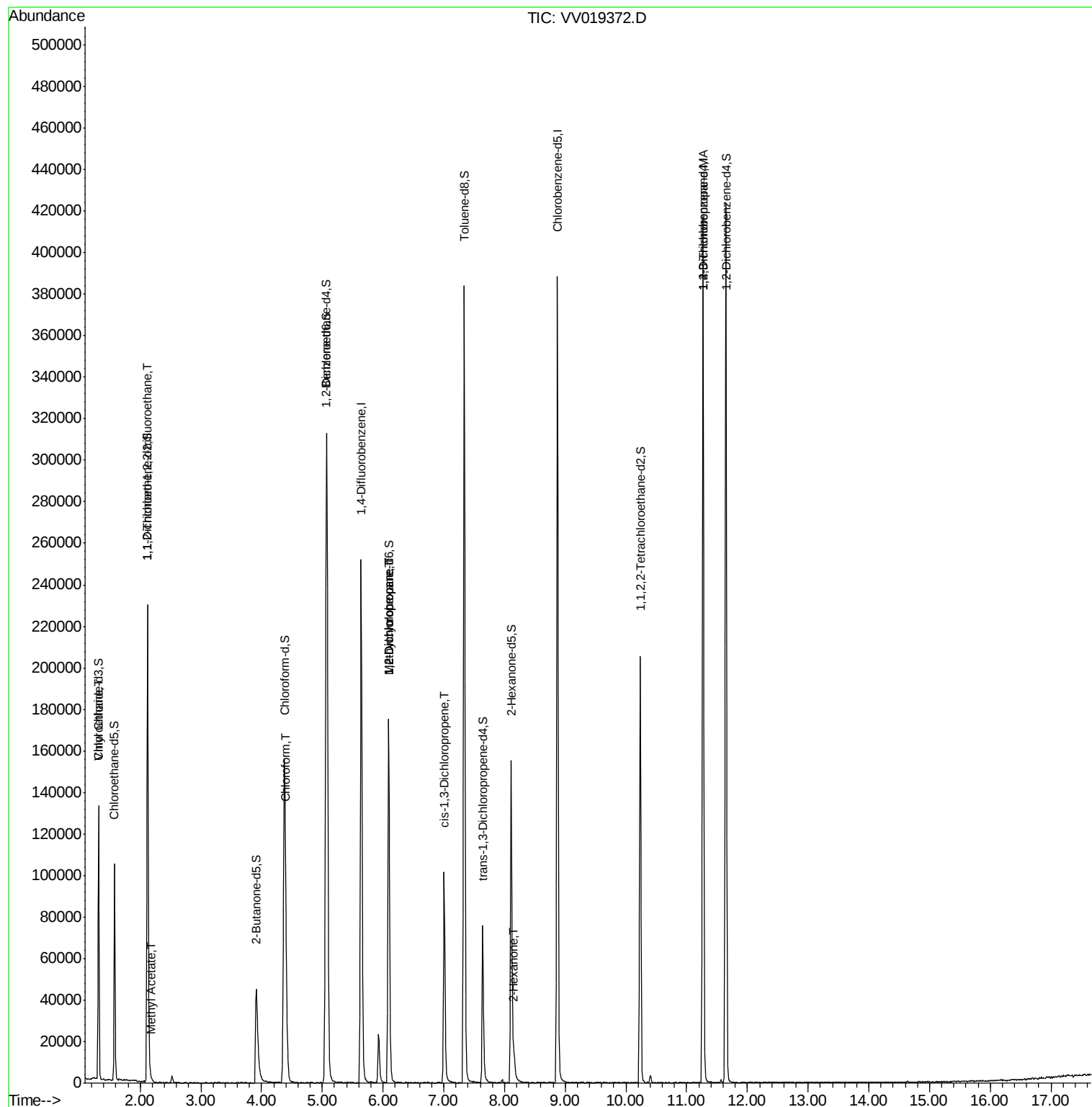
					Ovalue
8) Chloroethane	1.32	64	1157	1.076 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1034	0.741 ug/L #	15
15) Methyl Acetate	2.20	43	1338	1.134 ug/L #	49
25) Chloroform	4.40	83	43288	15.678 ug/L	94
35) Methylcyclohexane	6.09	83	21129	10.577 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9824	7.542 ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	2749	1.231 ug/L	85
48) 2-Hexanone	8.16	43	6413	4.979 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	10495	5.900 ug/L	92

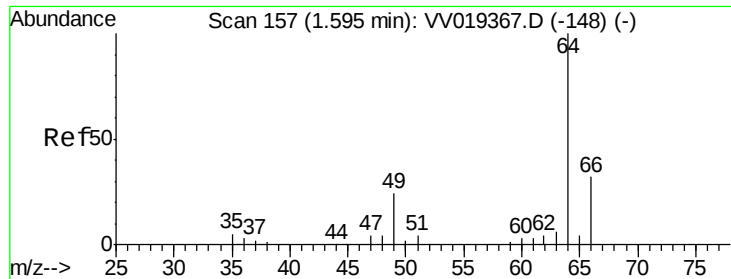
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 15:01:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration

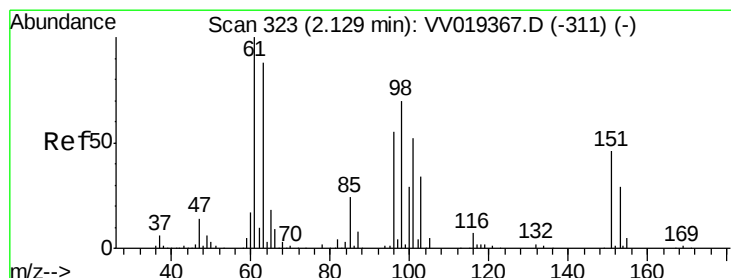
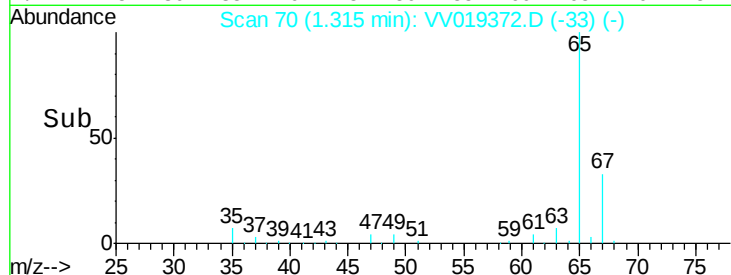
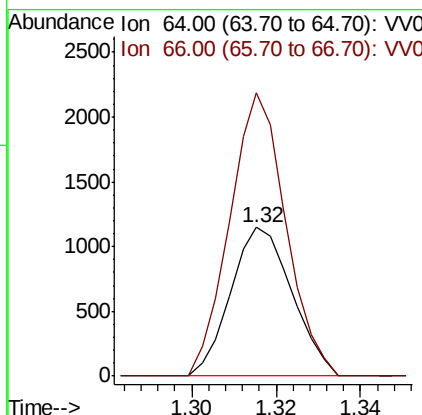
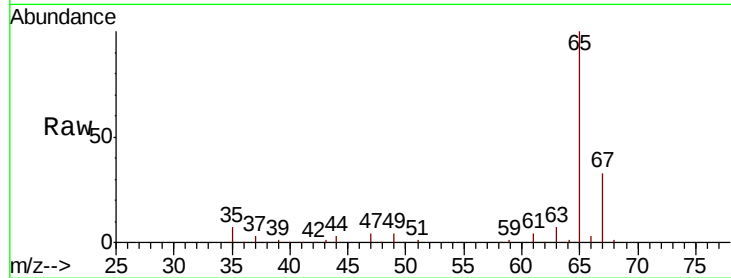




#8
Chloroethane
Concen: 1.076 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV019372.D
Acq: 13 Nov 2020 12:05

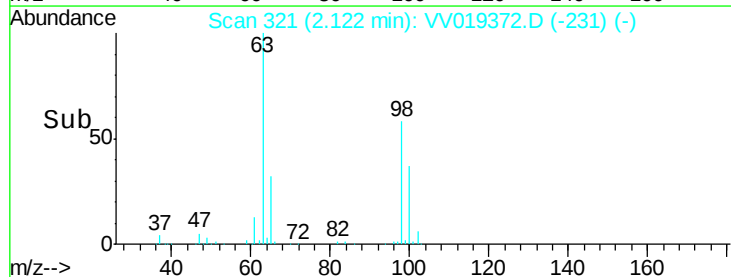
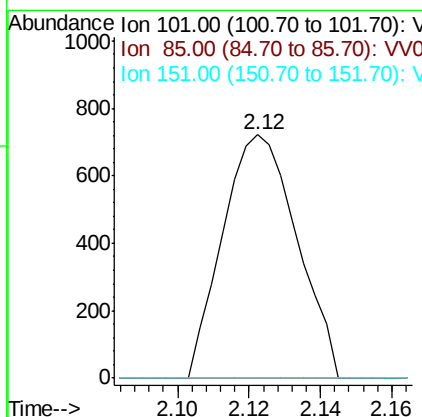
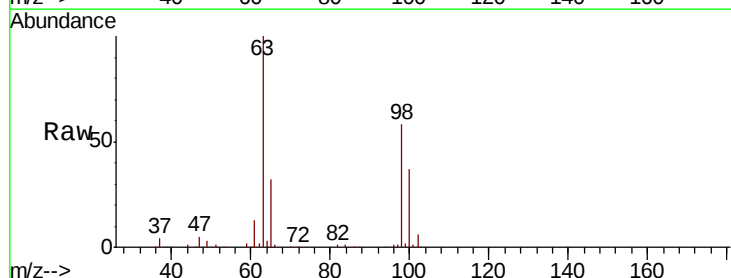
Instrument :
MSVOA_V
ClientSampleId :
C0BF4

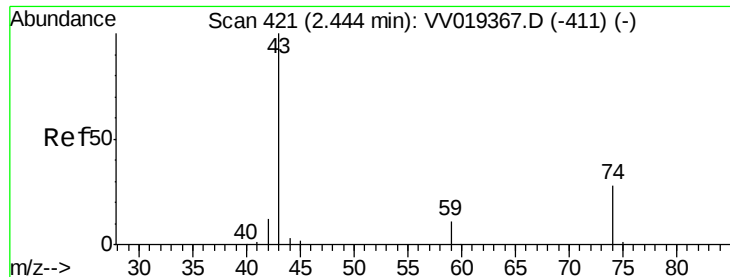
Tot Ion: 64 Resp: 1157
Ion Ratio Lower Upper
64 100
66 190.4 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.741 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019372.D
Acq: 13 Nov 2020 12:05

Tgt Ion: 101 Resp: 1034
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 69.2 103.8#





#15

Methvl Acetate

Concen: 1.134 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.25 min

Lab File: VV019372.D

Acq: 13 Nov 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

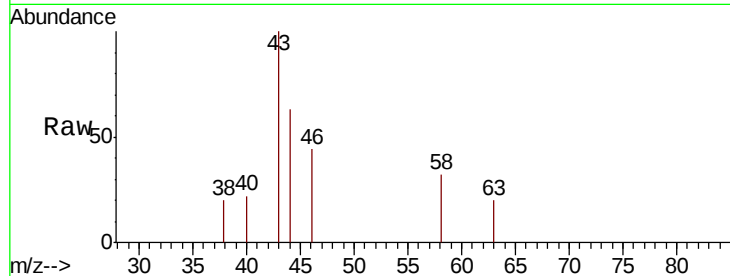
C0BF4

Tot Ion: 43 Resp: 1338

Ion Ratio Lower Upper

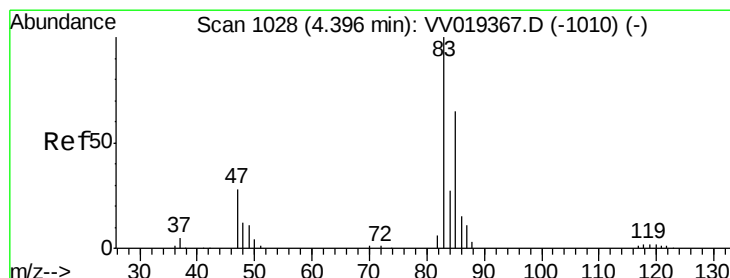
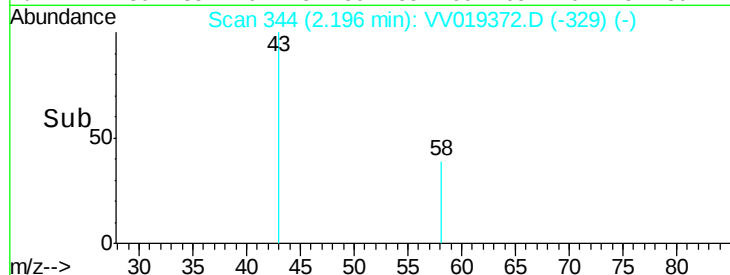
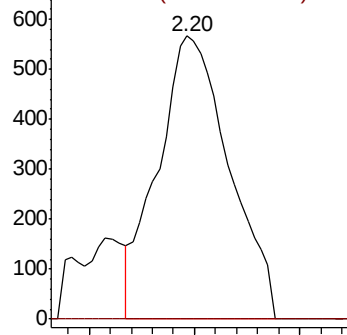
43 100

74 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#25

Chloroform

Concen: 15.678 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV019372.D

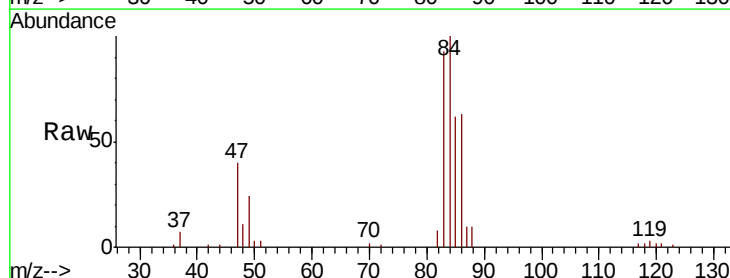
Acq: 13 Nov 2020 12:05

Tgt Ion: 83 Resp: 43288

Ion Ratio Lower Upper

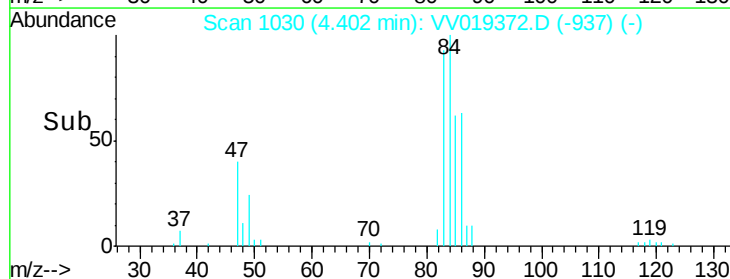
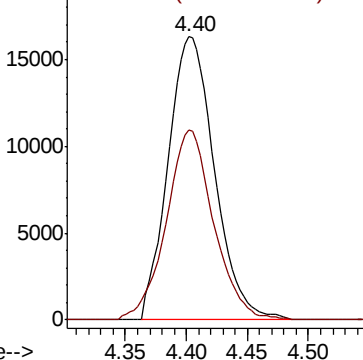
83 100

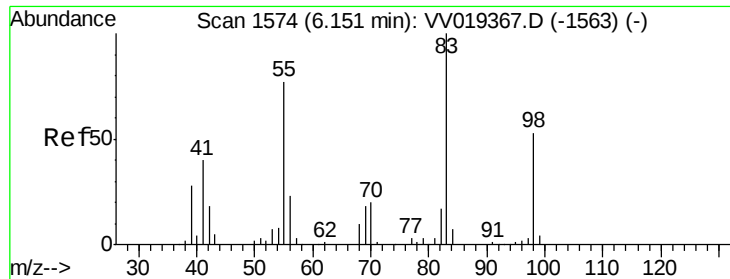
85 67.3 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

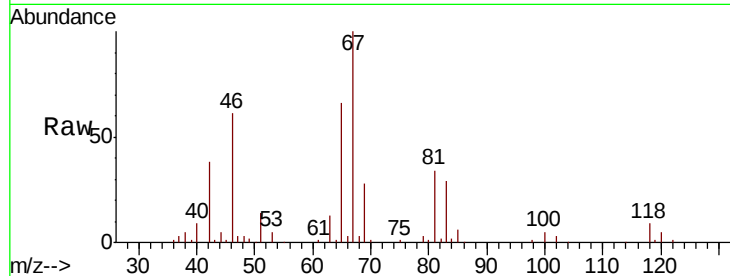




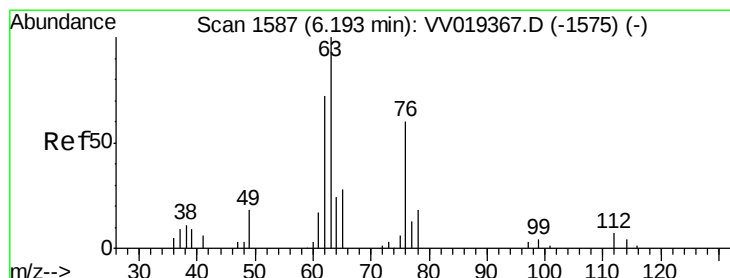
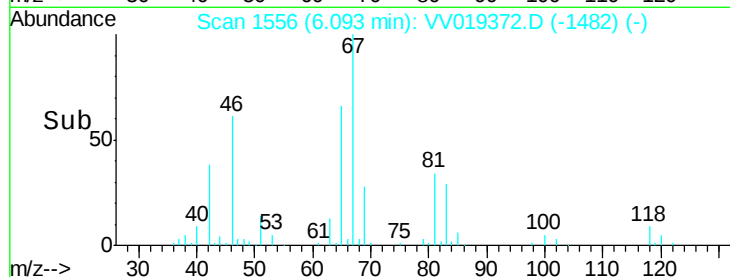
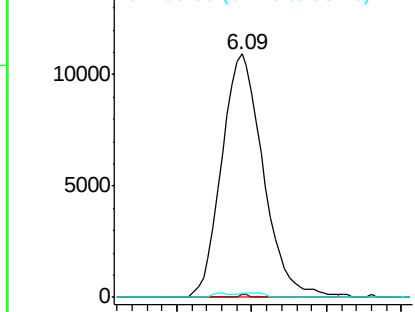
#35
Methvlcvclohexane
Concen: 10.577 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019372.D
Acq: 13 Nov 2020 12:05

Instrument :
MSVOA_V
ClientSampleId :
C0BF4

Tot Ion: 83 Resp: 21129
Ion Ratio Lower Upper
83 100
55 0.2 58.6 88.0#
98 1.1 41.4 62.0#

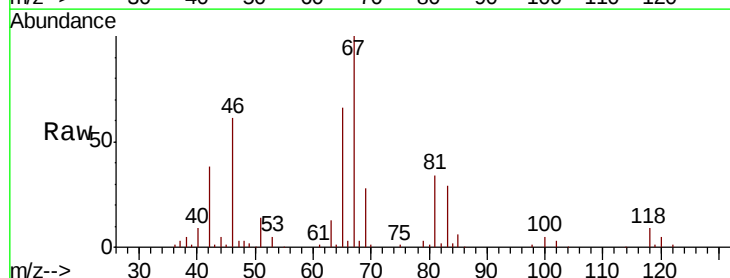


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

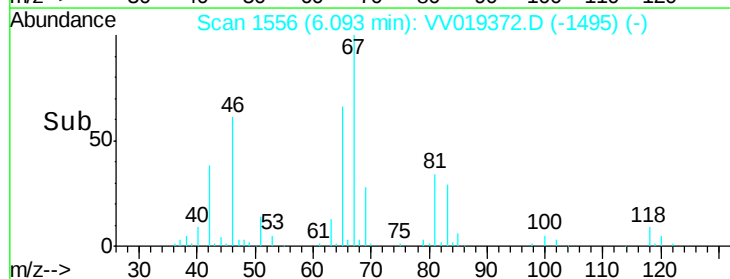
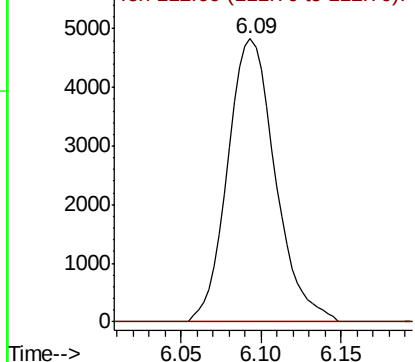


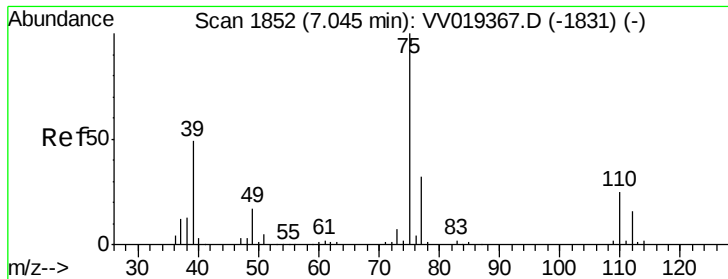
#37
1,2-Dichloropropane
Concen: 7.542 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019372.D
Acq: 13 Nov 2020 12:05

Tgt Ion: 63 Resp: 9824
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

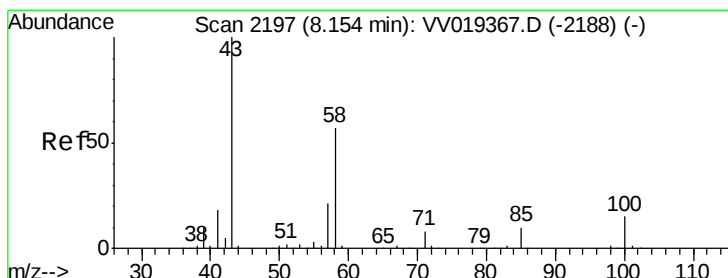
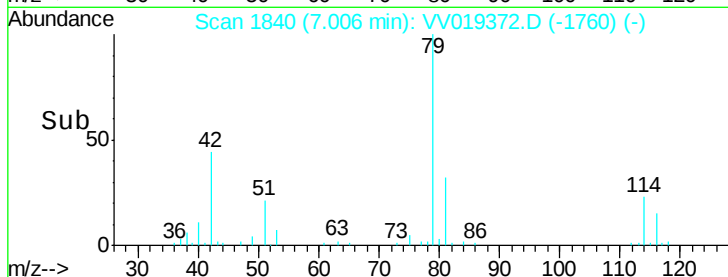
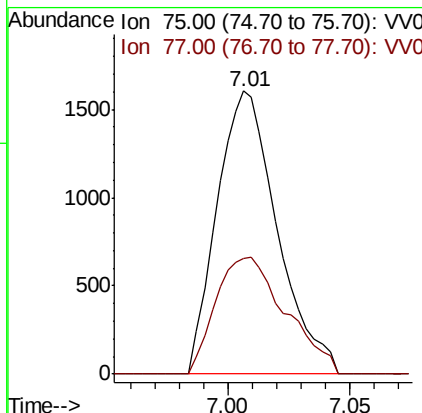
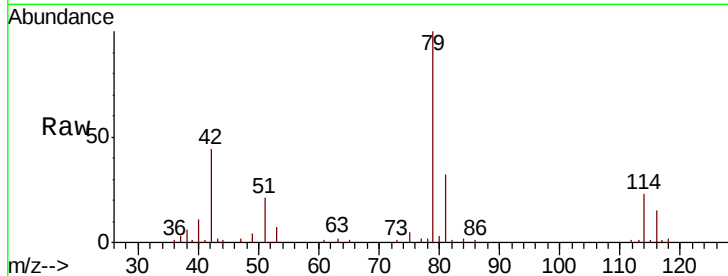




#39
 cis-1,3-Dichloropropene
 Concen: 1.231 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019372.D
 Acq: 13 Nov 2020 12:05

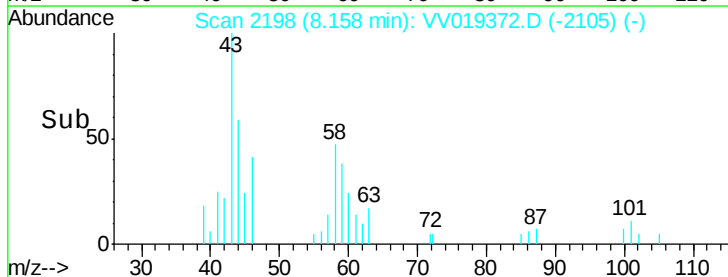
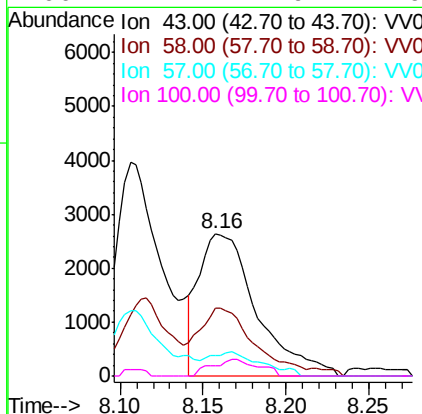
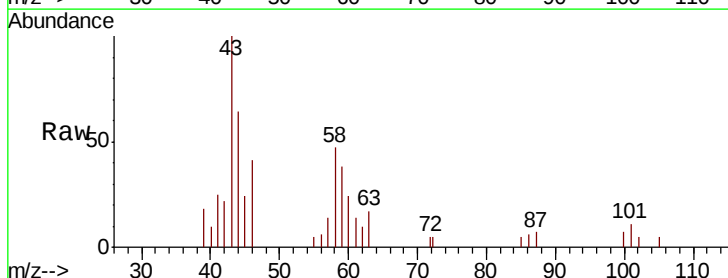
Instrument :
 MSVOA_V
 ClientSampled :
 C0BF4

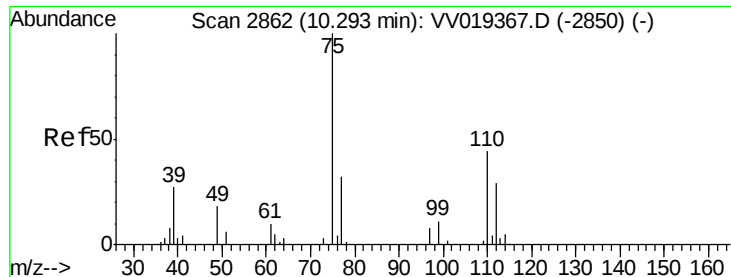
Tot Ion: 75 Resp: 2749
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.7 42.1



#48
 2-Hexanone
 Concen: 4.979 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VV019372.D
 Acq: 13 Nov 2020 12:05

Tgt Ion: 43 Resp: 6413
 Ion Ratio Lower Upper
 43 100
 58 40.0 43.6 65.4#
 57 0.0 17.2 25.8#
 100 2.1 11.9 17.9#





#59
 1,2,3-Trichloropropane
 Concen: 5.900 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019372.D
 Acq: 13 Nov 2020 12:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF4

Tot Ion: 75 Resp: 10495
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.0 37.4

