

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017617.D
 Acq On : 23 Jul 2020 21:27
 Operator : SY/MD
 Sample : L3419-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Quant Time: Jul 24 02:34:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171838	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39467	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	32210	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	62251	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.93	46	92955	46.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	4.38	84	97434	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	52442	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	179737	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.10	67	50223	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.34	98	160189	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	7.64	79	20345	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.11	63	60593	40.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32064	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64838	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

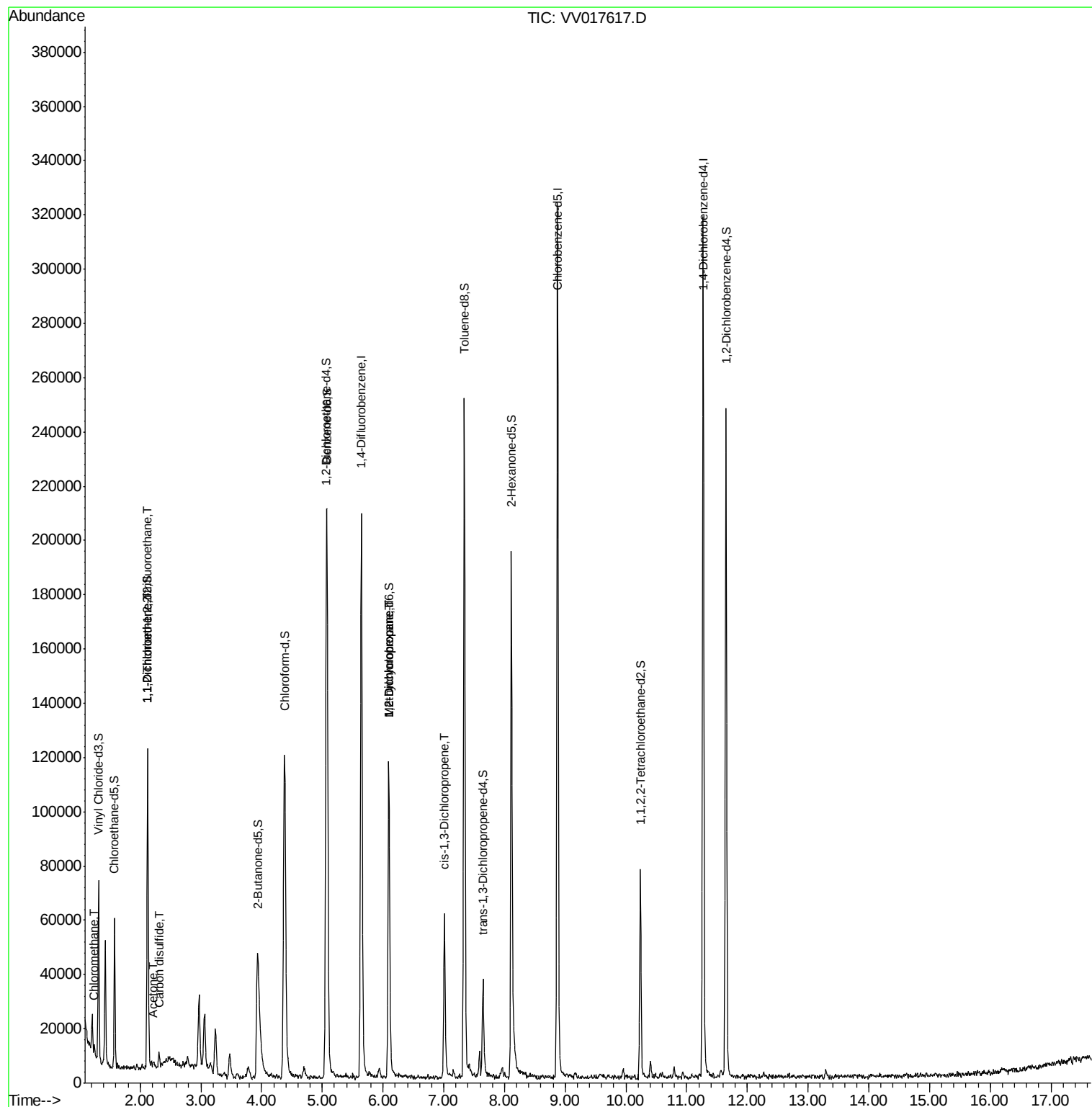
					Ovalue
3) Chloromethane	1.25	50	1976	0.158 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	779	0.074 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1051	0.111 ug/L #	1
13) Acetone	2.21	43	3345	2.135 ug/L	88
14) Carbon disulfide	2.31	76	6609	0.230 ug/L	96
35) Methylcyclohexane	6.09	83	12952	0.630 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6396	0.560 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1758	0.102 ug/L #	66

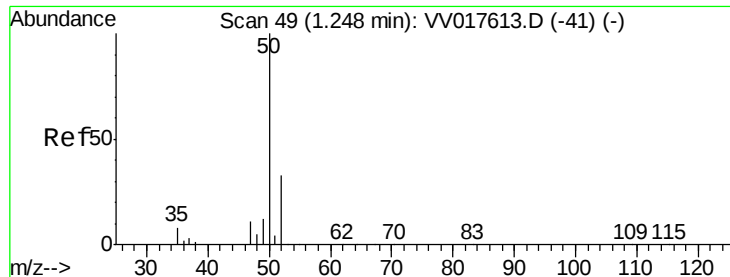
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017617.D

Acq: 23 Jul 2020 21:27

Instrument :

MSVOA_V

ClientSampleId :

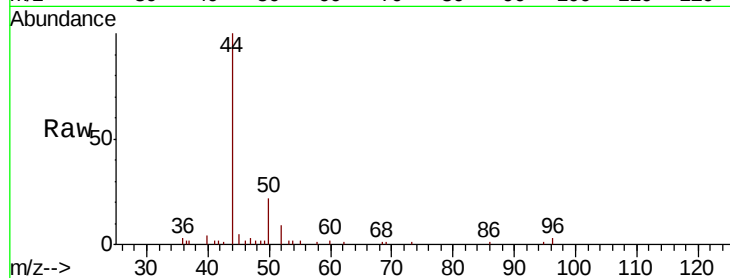
C0AA0

Tot Ion: 50 Resp: 1976

Ion Ratio Lower Upper

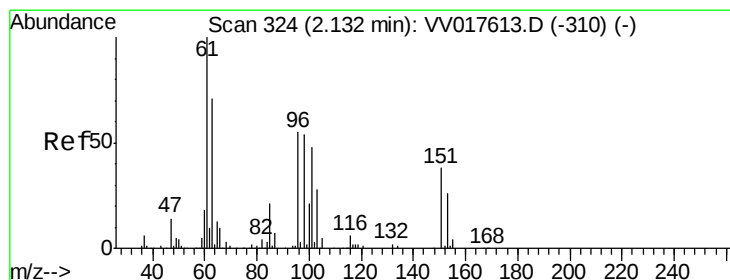
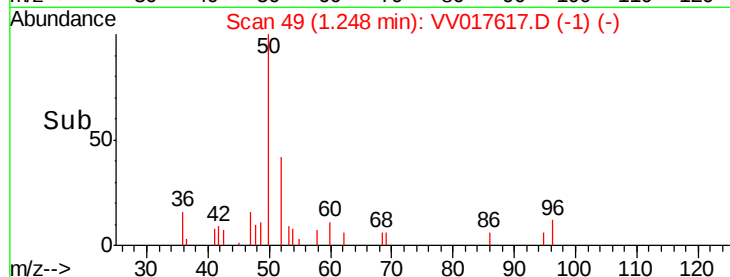
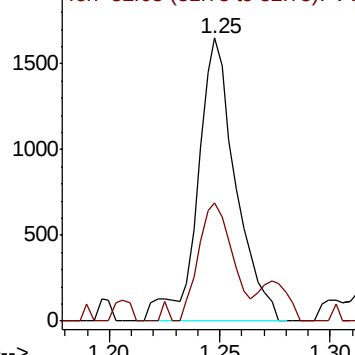
50 100

52 41.6 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017617.D

Acq: 23 Jul 2020 21:27

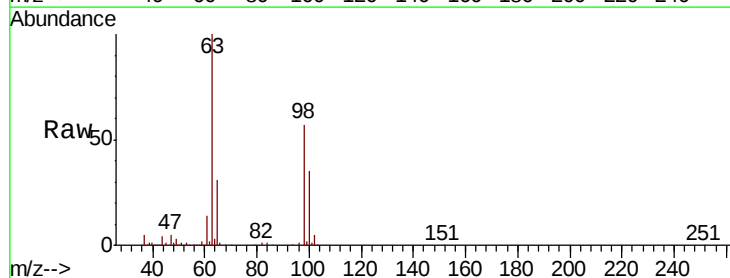
Tgt Ion:101 Resp: 779

Ion Ratio Lower Upper

101 100

85 2.7 34.6 51.8#

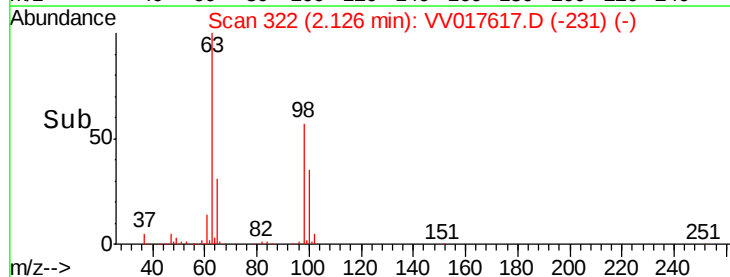
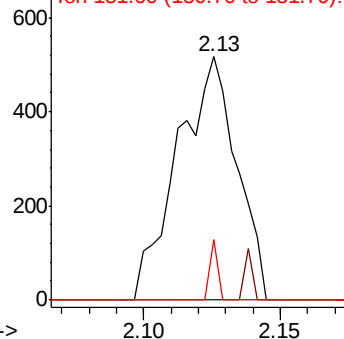
151 3.2 63.5 95.3#

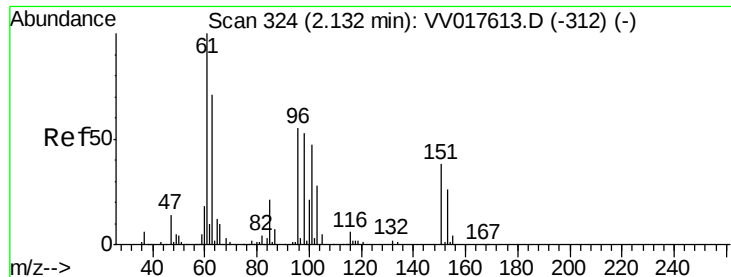


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017617.D

Acq: 23 Jul 2020 21:27

Instrument :

MSVOA_V

ClientSampleId :

C0AA0

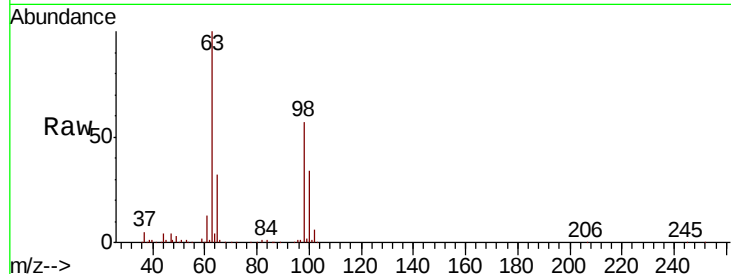
Tot Ion: 96 Resp: 1051

Ion Ratio Lower Upper

96 100

61 1194.6 123.1 228.7#

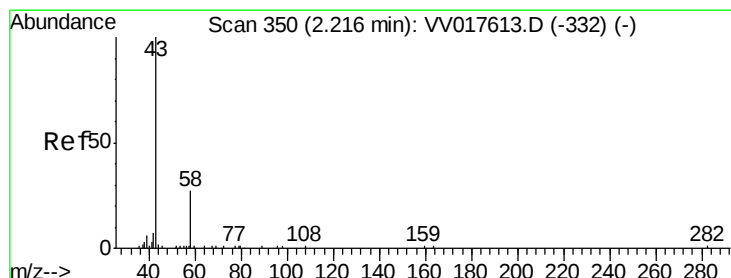
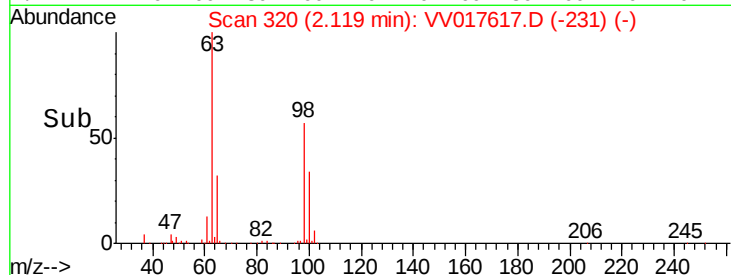
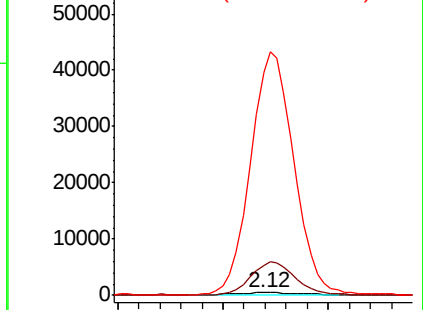
63 8862.6 91.2 169.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.135 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV017617.D

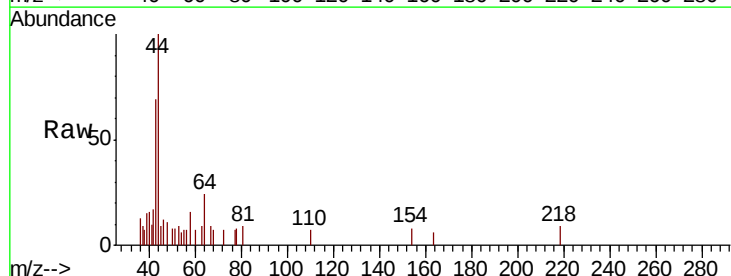
Acq: 23 Jul 2020 21:27

Tgt Ion: 43 Resp: 3345

Ion Ratio Lower Upper

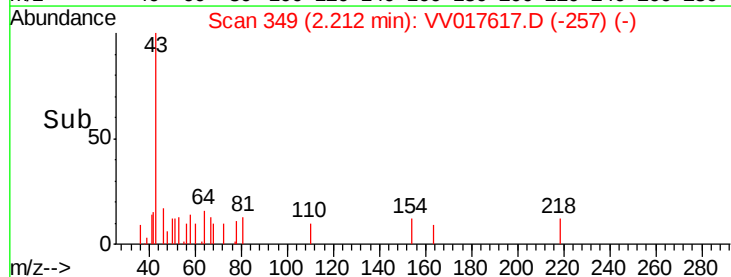
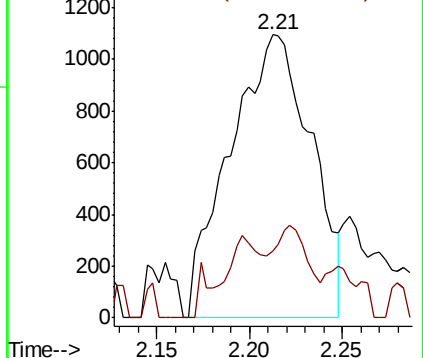
43 100

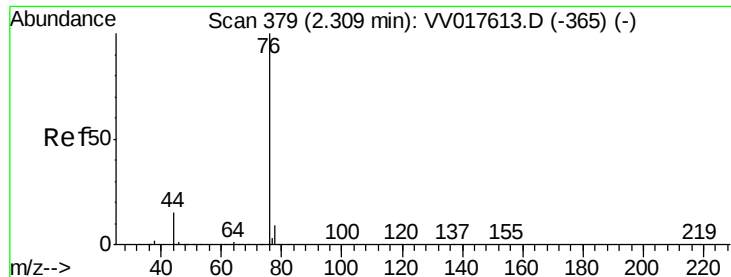
58 13.8 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.230 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017617.D

Acq: 23 Jul 2020 21:27

Instrument :

MSVOA_V

ClientSampleId :

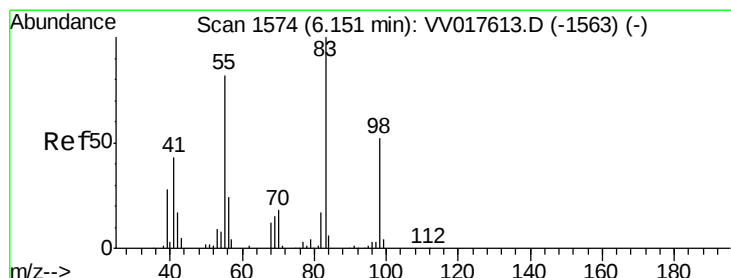
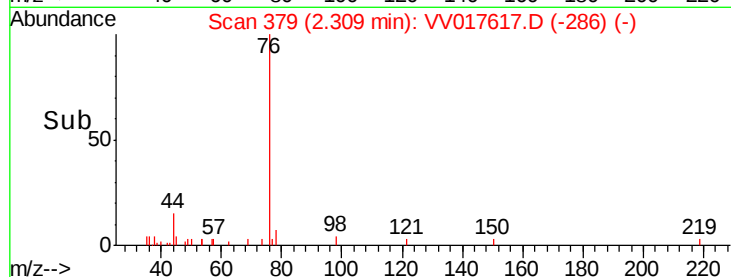
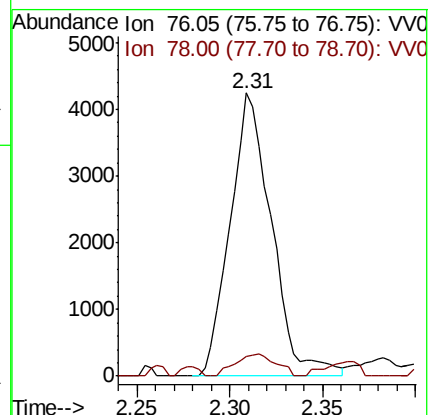
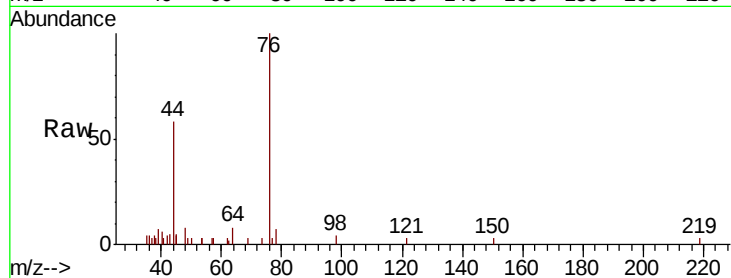
C0AA0

Tot Ion: 76 Resp: 6609

Ion Ratio Lower Upper

76 100

78 6.9 6.6 10.0



#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017617.D

Acq: 23 Jul 2020 21:27

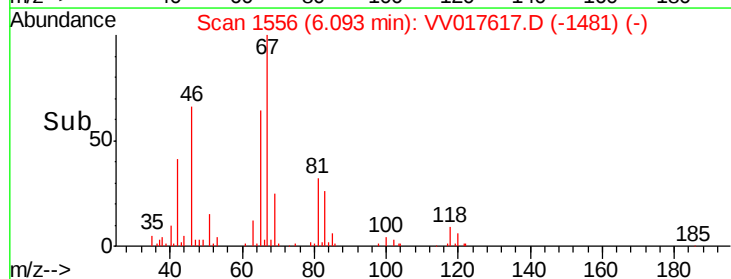
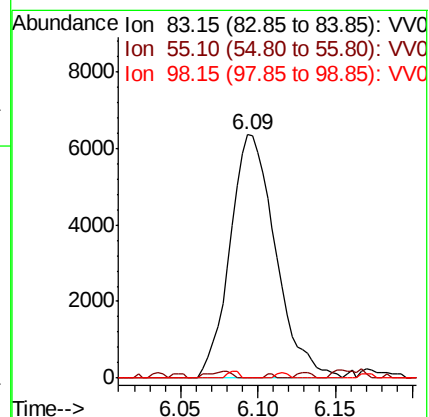
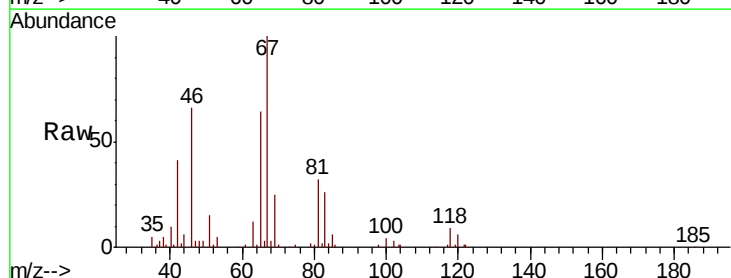
Tgt Ion: 83 Resp: 12952

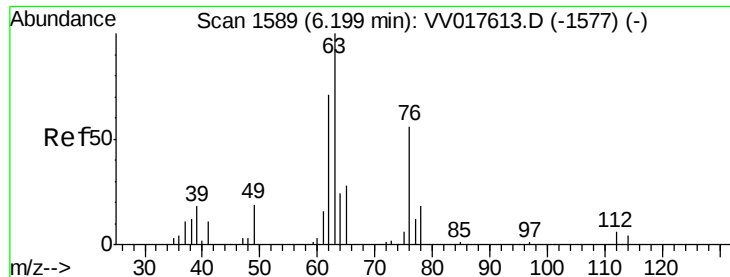
Ion Ratio Lower Upper

83 100

55 1.4 61.8 92.8#

98 0.7 39.0 58.6#

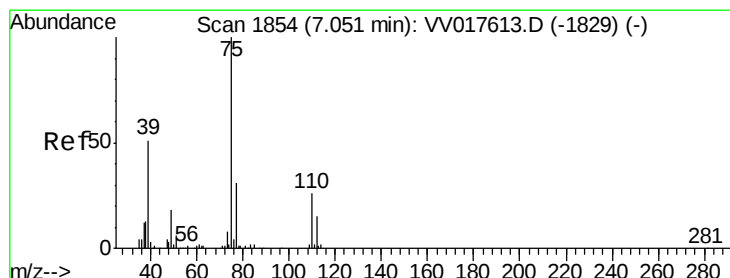
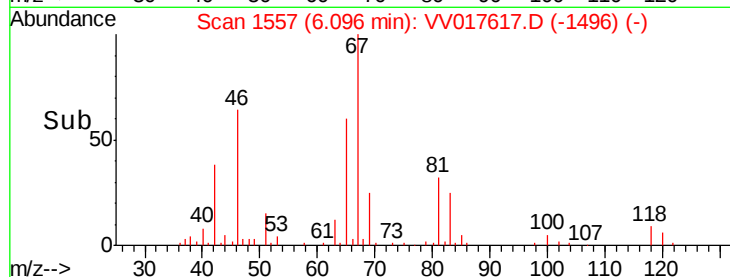
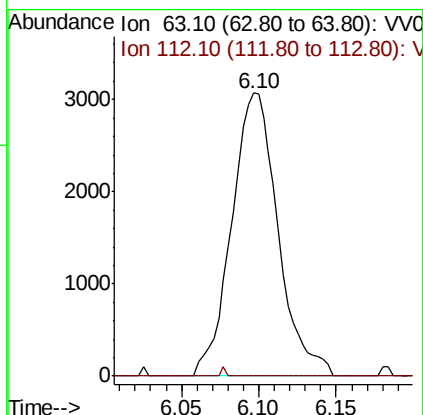
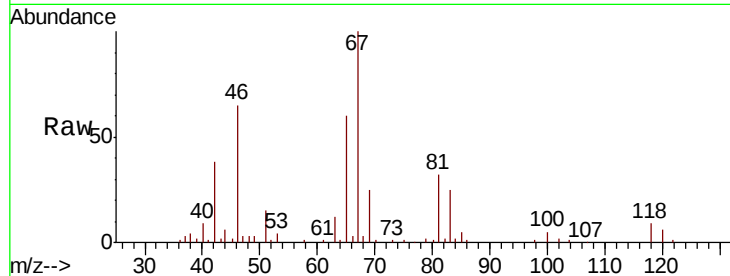




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017617.D
 Acq: 23 Jul 2020 21:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Tot Ion: 63 Resp: 6396
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017617.D
 Acq: 23 Jul 2020 21:27

Tgt Ion: 75 Resp: 1758
 Ion Ratio Lower Upper
 75 100
 77 52.6 23.2 43.2#

