

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013617.D
 Acq On : 14 Nov 2019 11:25
 Operator : SY/MD
 Sample : K5815-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	352291	5.00	ug/L	0.03
28) Chlorobenzene-d5	8.91	117	334274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	109660	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.60	69	94023	5.21	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.16	63	143667	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.03	46	270159	66.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.34%#
24) Chloroform-d	4.43	84	195499	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.10	65	99912	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.11	84	389834	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.16	67	142304	5.15	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.39	98	347353	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.69	79	47955	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.16	63	208890	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99622	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	138022	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

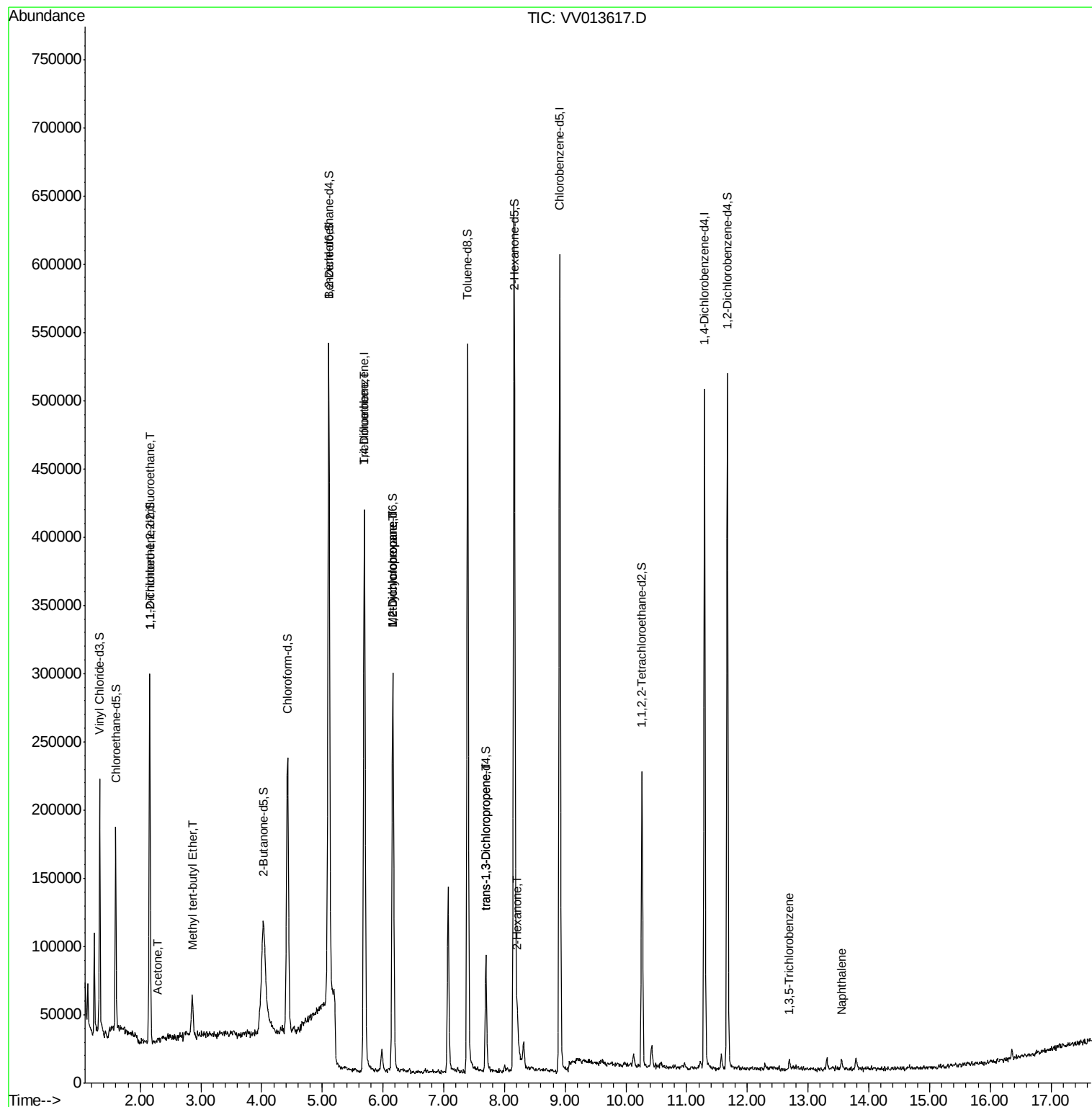
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	1968	0.089	ug/L #	18
13) Acetone	2.28	43	5539	2.114	ug/L	80
17) Methyl tert-butyl Ether	2.86	73	27326	0.570	ug/L	94
34) Trichloroethene	5.69	95	9560	0.349	ug/L #	3
35) Methylcyclohexane	6.16	83	34565	0.868	ug/L #	16
37) 1,2-Dichloropropane	6.16	63	16778	0.665	ug/L #	99
44) trans-1,3-Dichloropropene	7.69	75	1921	0.072	ug/L #	56
48) 2-Hexanone	8.21	43	15502	1.562	ug/L #	74
67) 1,3,5-Trichlorobenzene	12.69	180	2081	0.060	ug/L #	91
69) Naphthalene	13.55	128	4332	0.128	ug/L #	91

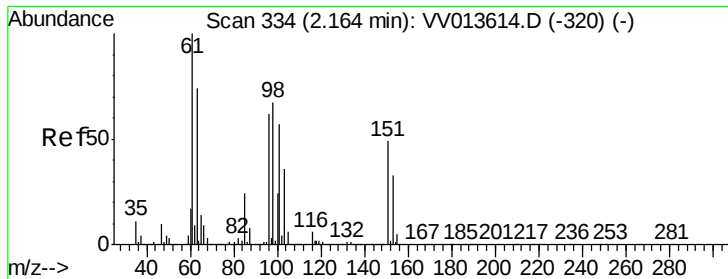
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.089 ug/L

RT: 2.15 min Scan# 330

Delta R.T. -0.01 min

Lab File: VV013617.D

Acq: 14 Nov 2019 11:25

Instrument :

MSVOA_V

ClientSampled :

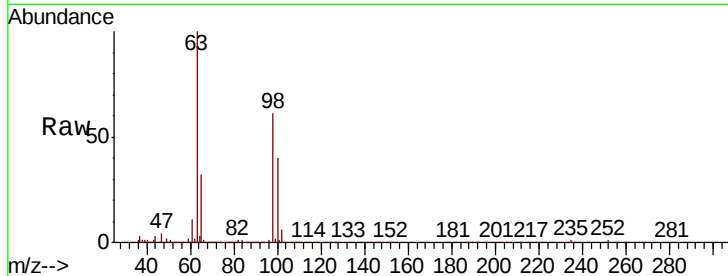
Tot Ion:101 Resp: 1968

Ion Ratio Lower Upper

101 100

85 5.0 33.1 49.7#

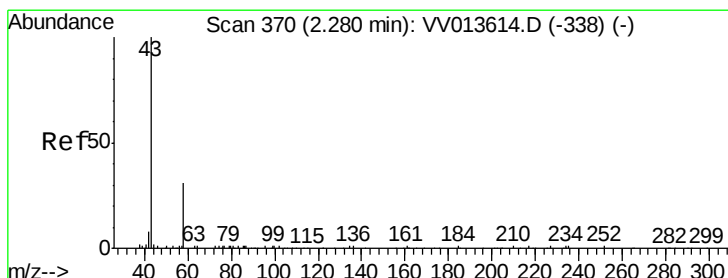
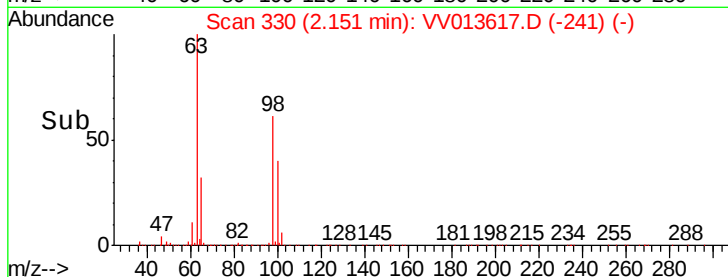
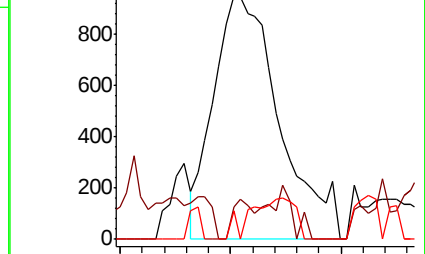
151 0.0 69.5 104.3#



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



#13

Acetone

Concen: 2.114 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VV013617.D

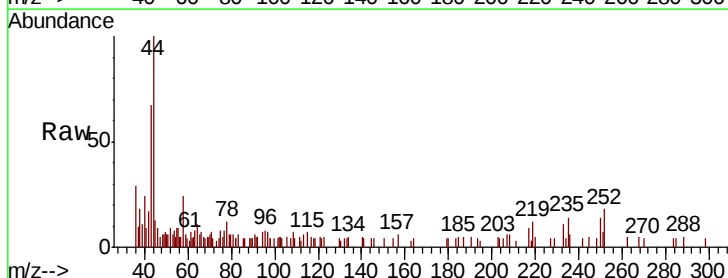
Acq: 14 Nov 2019 11:25

Tgt Ion: 43 Resp: 5539

Ion Ratio Lower Upper

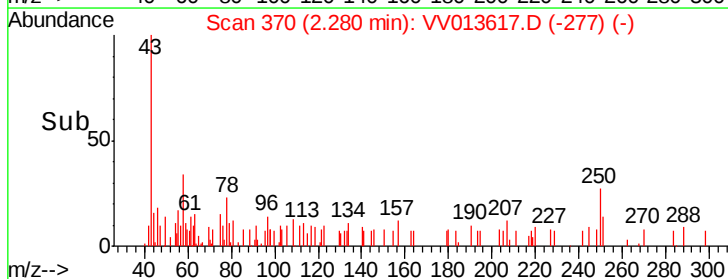
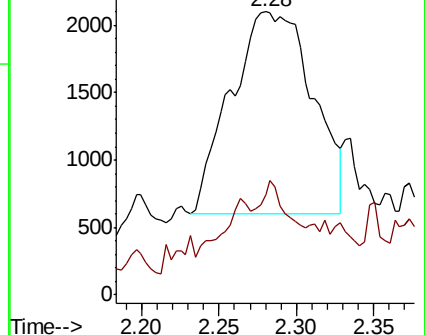
43 100

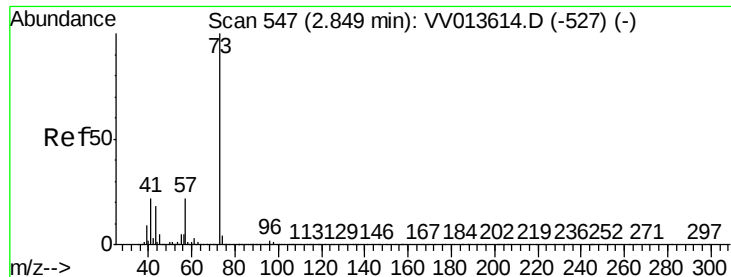
58 6.4 0.0 28.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

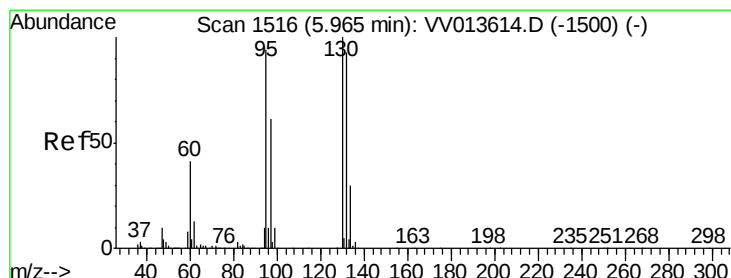
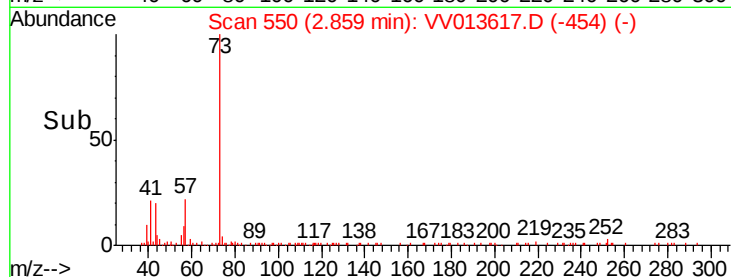
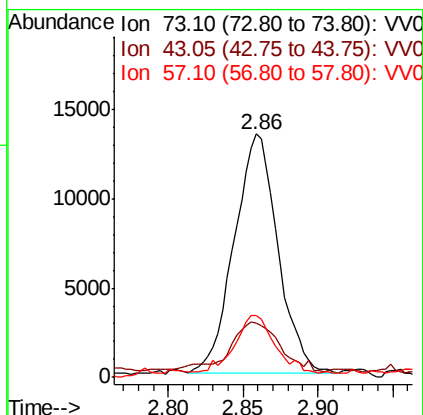
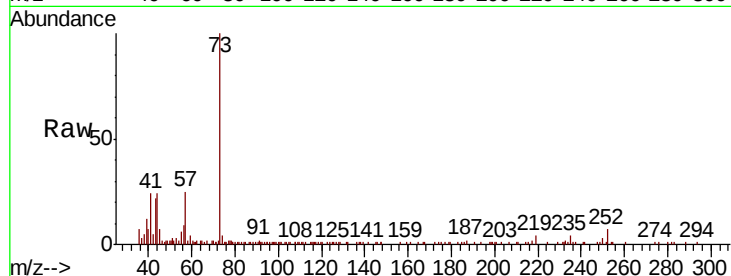




#17
Methvl tert-butvl Ether
Concen: 0.570 ug/L
RT: 2.86 min Scan# 550
Delta R.T. 0.01 min
Lab File: VV013617.D
Acq: 14 Nov 2019 11:25

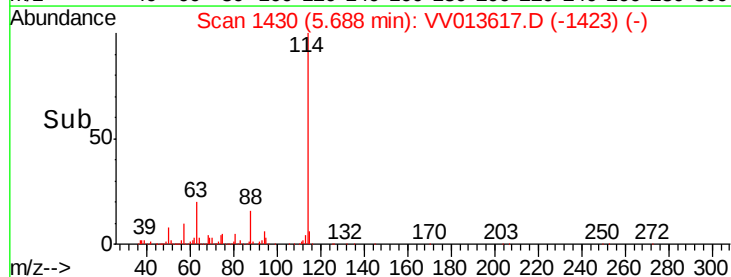
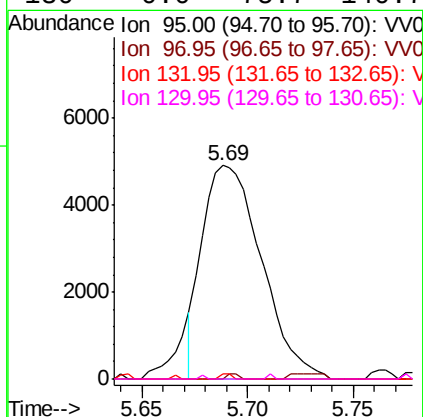
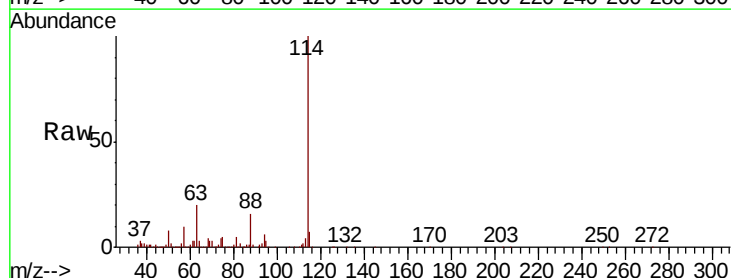
Instrument :
MSVOA_V
ClientSampleId :

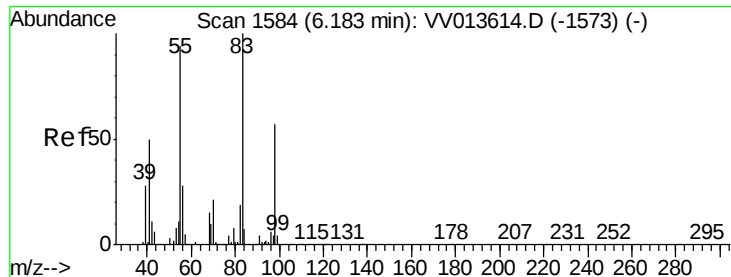
Tot Ion:	73	Resp:	27326
Ion	Ratio	Lower	Upper
73	100		
43	22.0	14.8	22.2
57	22.5	16.3	24.5



#34
Trichloroethene
Concen: 0.349 ug/L
RT: 5.69 min Scan# 1430
Delta R.T. -0.28 min
Lab File: VV013617.D
Acq: 14 Nov 2019 11:25

Tgt Ion:	95	Resp:	9560
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.4#
132	2.4	72.2	134.0#
130	0.0	75.7	140.7#

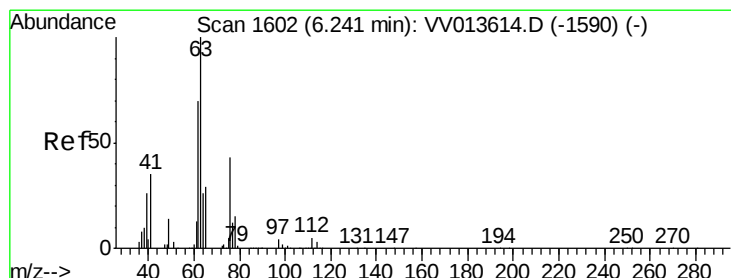
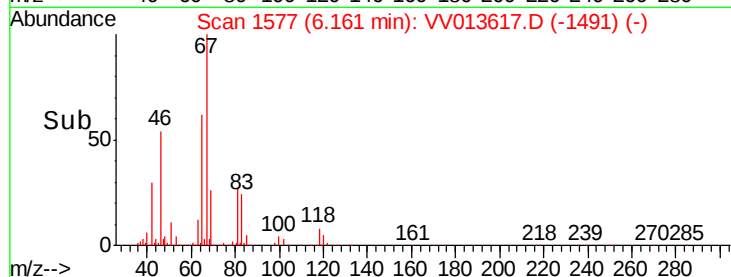
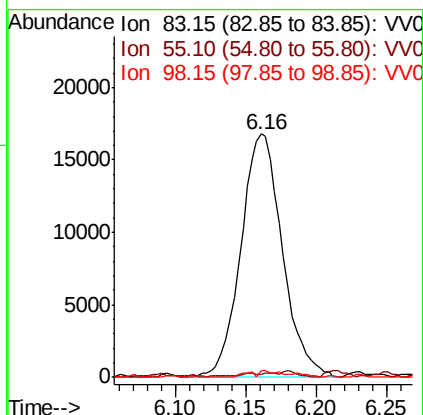
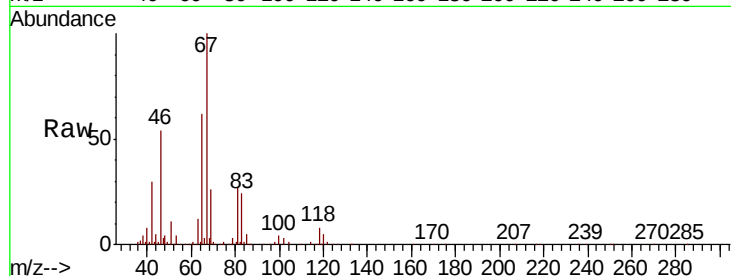




#35
Methvlcvclohexane
Concen: 0.868 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.02 min
Lab File: VV013617.D
Acq: 14 Nov 2019 11:25

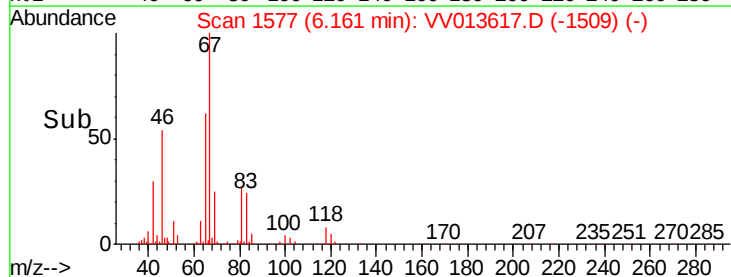
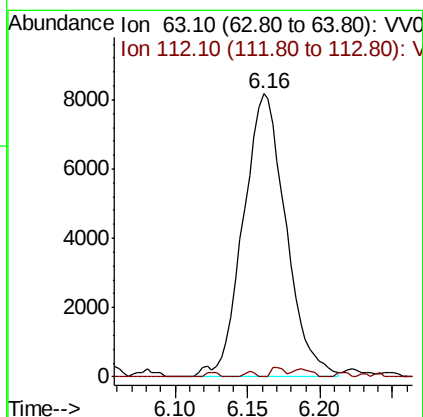
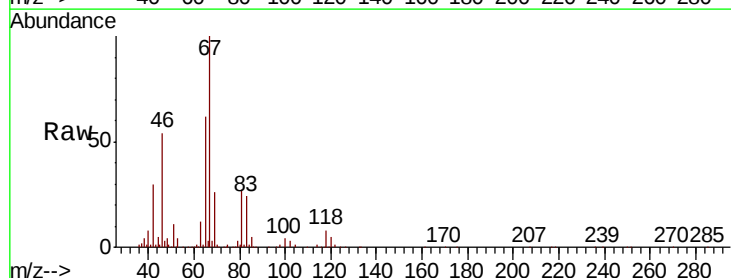
Instrument :
MSVOA_V
ClientSampleId :

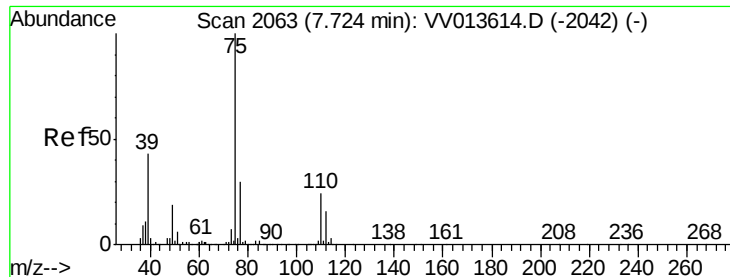
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.0	100.4#
98	1.3	38.5	57.7#



#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VV013617.D
Acq: 14 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	0.2	0.2#





#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. -0.03 min

Lab File: VV013617.D

Acq: 14 Nov 2019 11:25

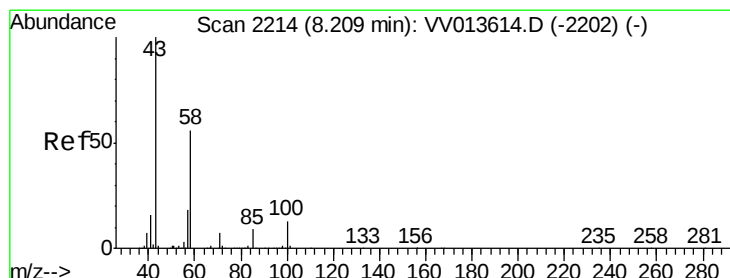
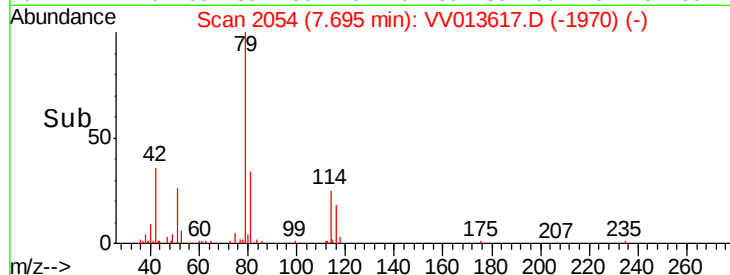
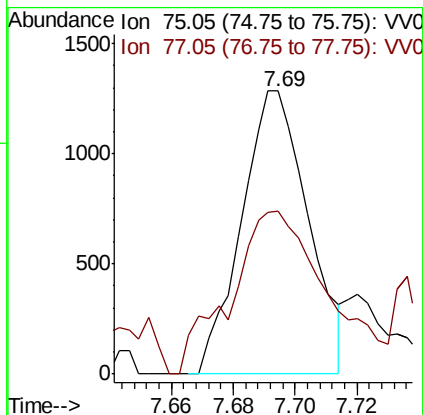
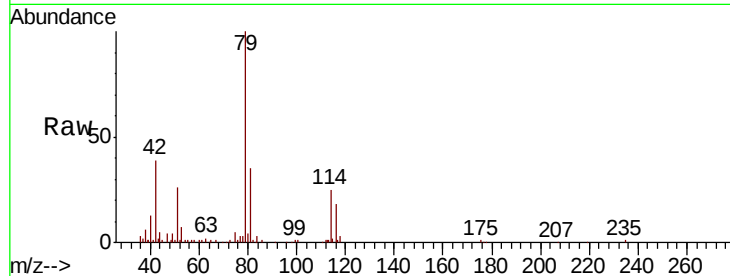
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1921

Ion Ratio Lower Upper

75 100

77 57.8 23.2 43.0#



#48

2-Hexanone

Concen: 1.562 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VV013617.D

Acq: 14 Nov 2019 11:25

Tgt Ion: 43 Resp: 15502

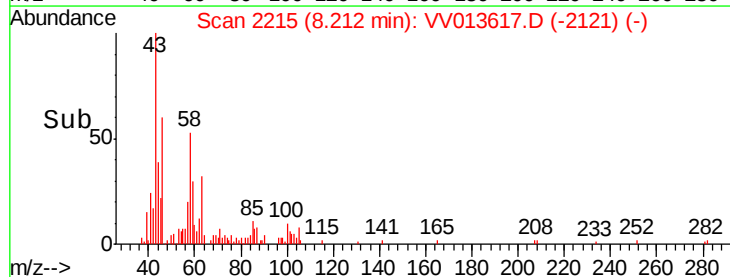
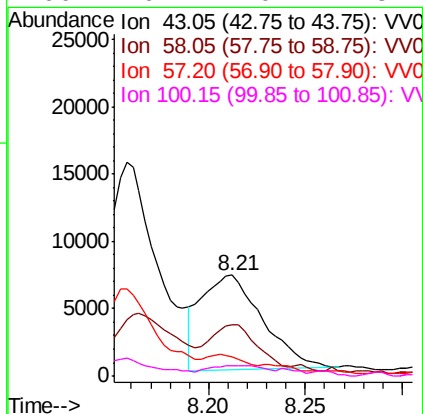
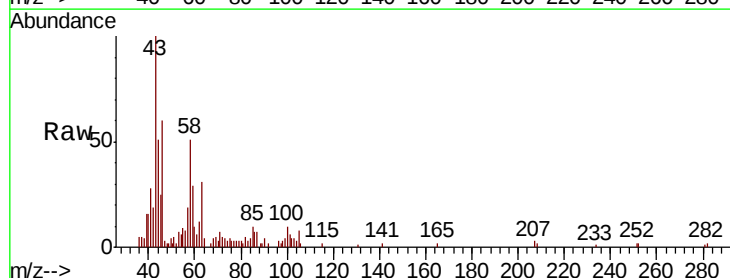
Ion Ratio Lower Upper

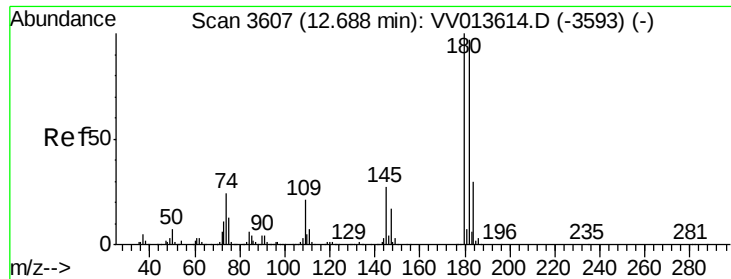
43 100

58 34.4 45.1 67.7#

57 6.5 14.6 21.8#

100 10.2 10.2 15.2

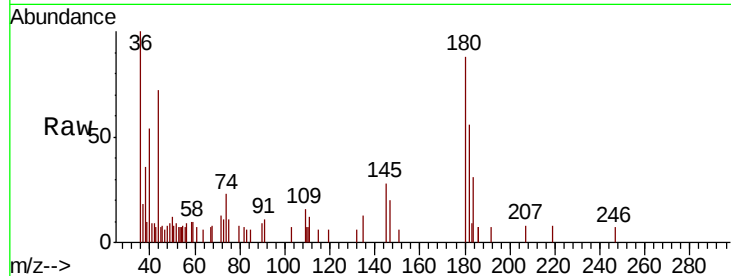




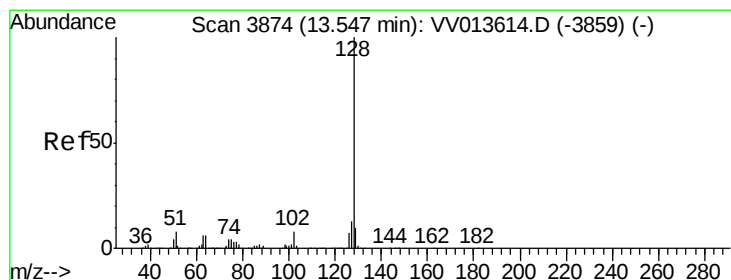
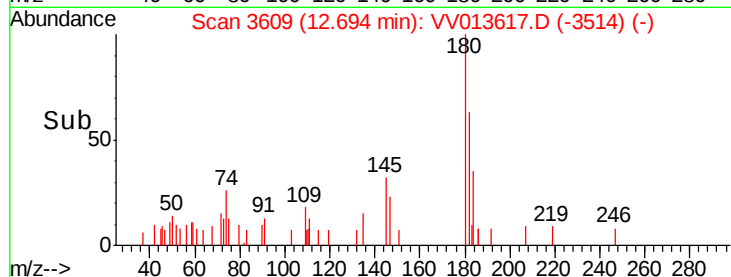
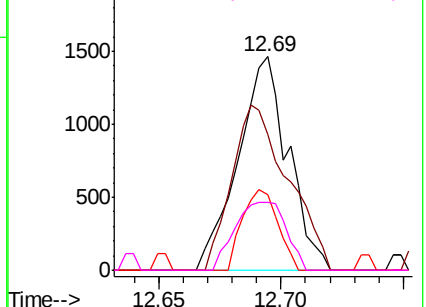
#67
 1,3,5-Trichlorobenzene
 Concen: 0.060 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013617.D
 Acq: 14 Nov 2019 11:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 2081
 Ion Ratio Lower Upper
 180 100
 182 86.7 76.7 115.1
 184 26.5 24.8 37.2
 145 32.6 21.5 32.3#

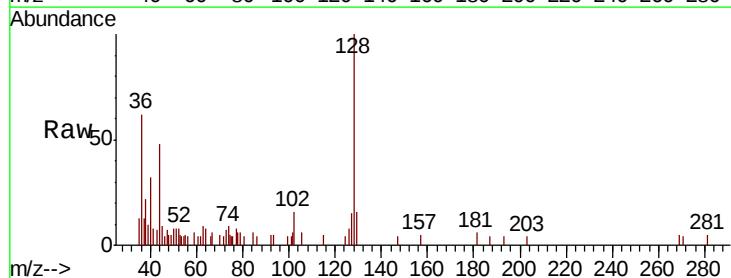


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#69
 Naphthalene
 Concen: 0.128 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV013617.D
 Acq: 14 Nov 2019 11:25

Tgt Ion:128 Resp: 4332
 Ion Ratio Lower Upper
 128 100
 129 16.9 8.2 12.4#
 127 15.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

