

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016962.D
 Acq On : 17 Jun 2020 14:51
 Operator : SY/MD
 Sample : L3038-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Jun 18 01:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222053	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213208	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	104394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60566	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	46014	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	86413	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.92	46	160896	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.37	84	125016	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	69439	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.07	84	248043	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	73875	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	227013	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.64	79	29025	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.11	63	110938	42.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	46672	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	89188	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

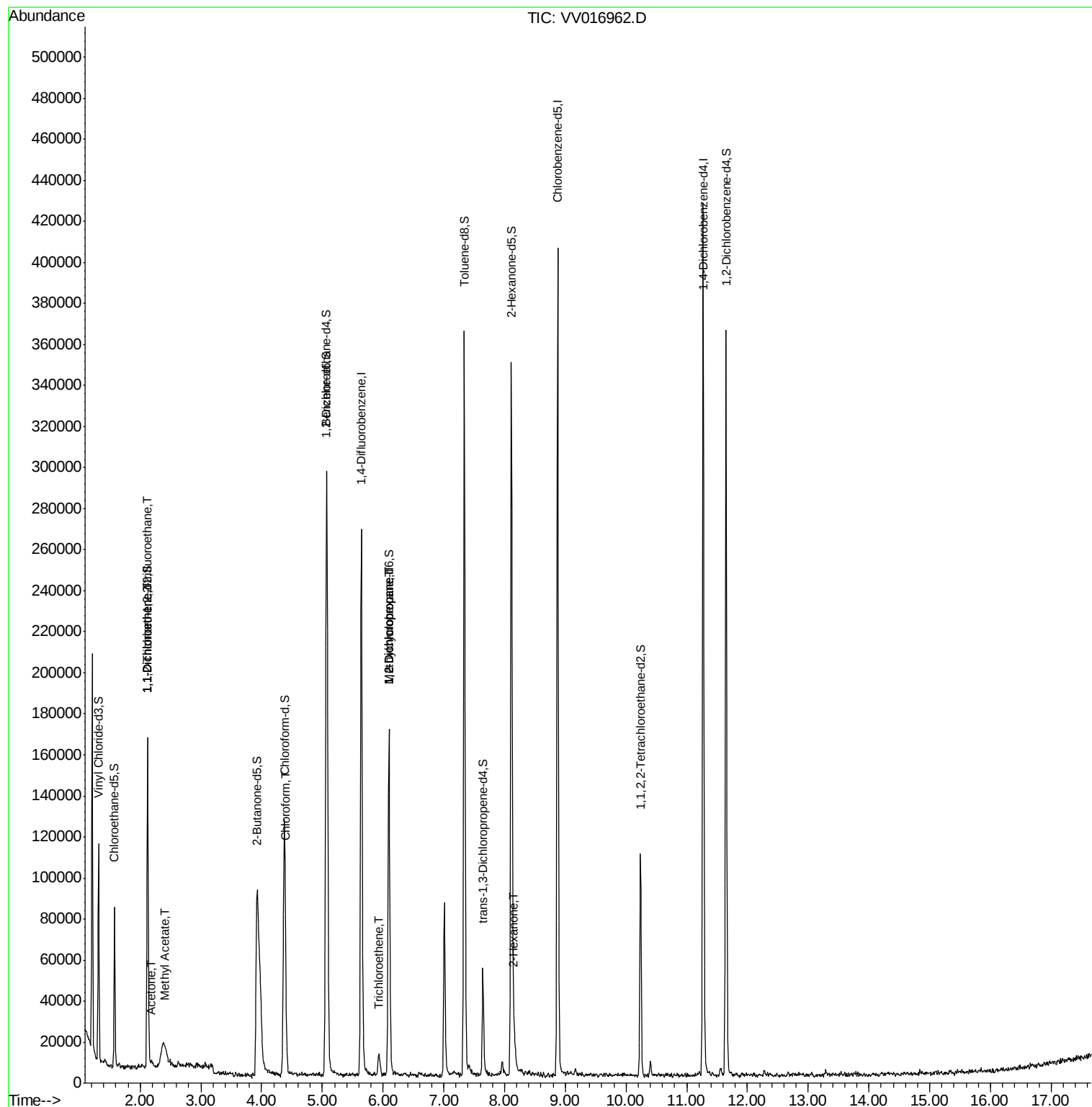
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	910	0.077 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	926	0.087 ug/L #	1
13) Acetone	2.20	43	2521	1.468 ug/L	69
15) Methyl Acetate	2.40	43	3503	0.834 ug/L #	58
25) Chloroform	4.40	83	6031	0.218 ug/L	80
34) Trichloroethene	5.94	95	1710	0.105 ug/L	82
35) Methylcyclohexane	6.10	83	18409	0.724 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	9375	0.678 ug/L #	86
50) 2-Hexanone	8.16	43	7968	1.403 ug/L #	90

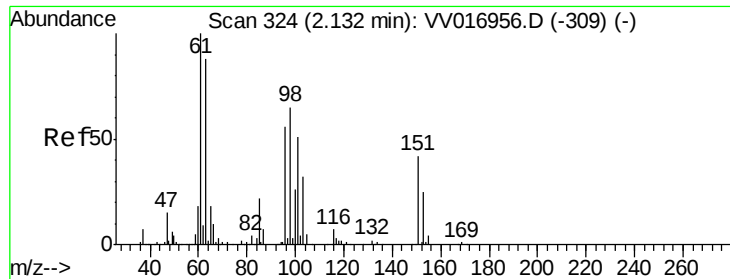
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 18 01:31:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016962.D

Acq: 17 Jun 2020 14:51

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

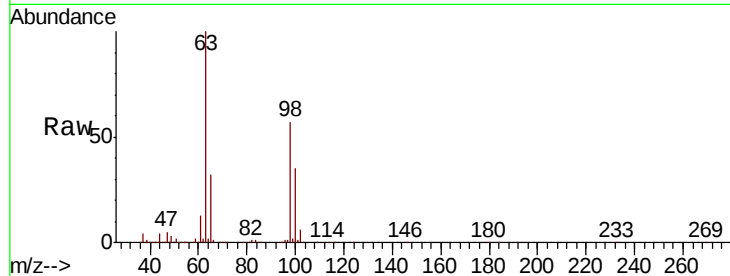
Tot Ion:101 Resp: 910

Ion Ratio Lower Upper

101 100

85 5.7 35.4 53.2#

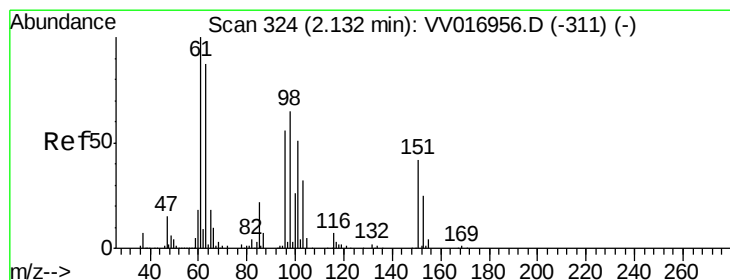
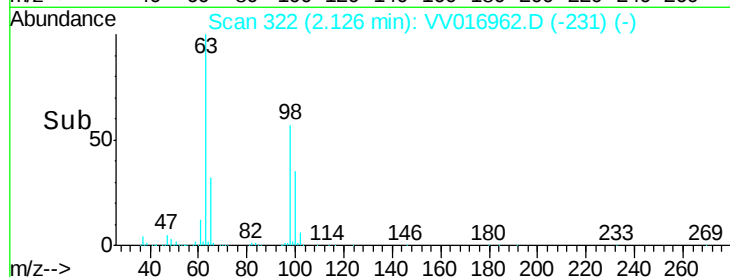
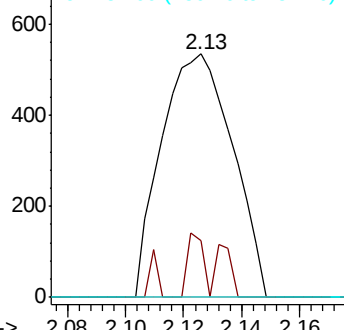
151 0.0 63.9 95.9#



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: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016962.D

Acq: 17 Jun 2020 14:51

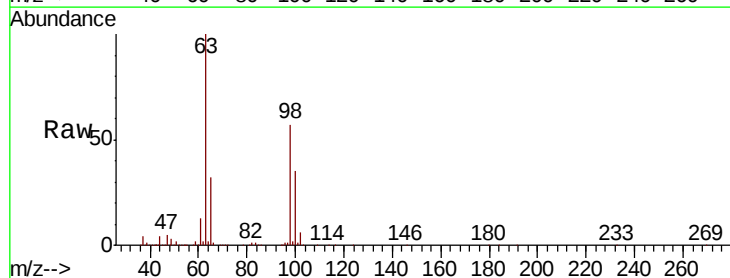
Tgt Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 1463.6 125.0 232.2#

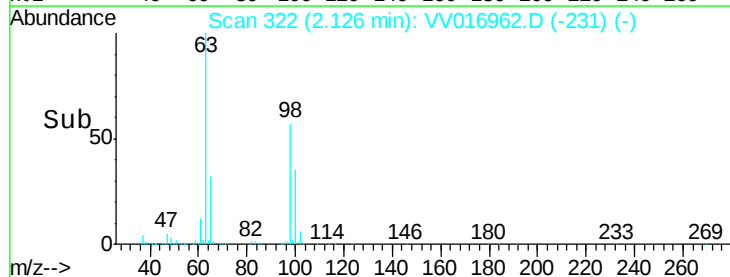
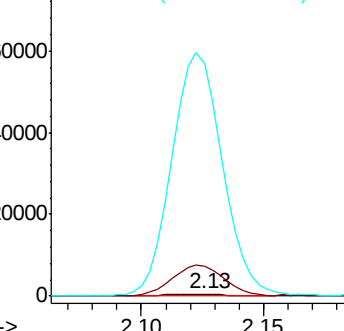
63 11594.3 109.8 203.8#

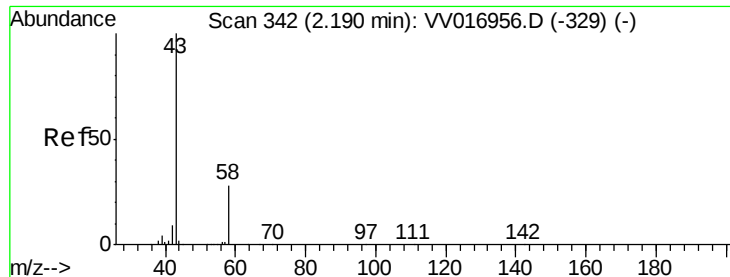


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.468 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV016962.D

Acq: 17 Jun 2020 14:51

Instrument :

MSVOA_V

ClientSampled :

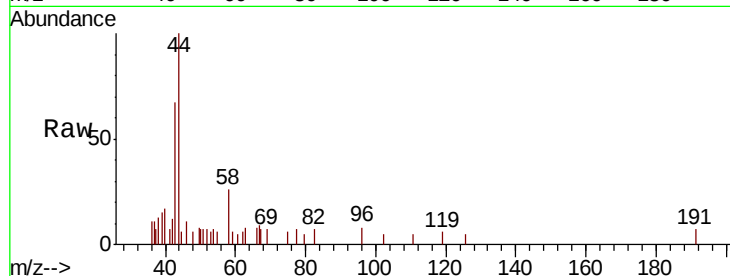
C0AF5

Tot Ion: 43 Resp: 2521

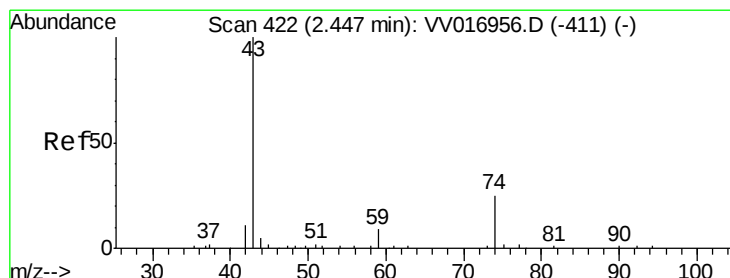
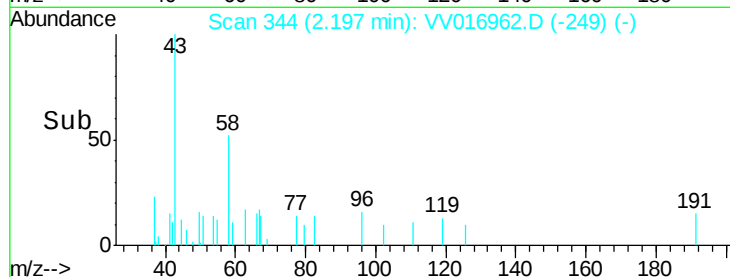
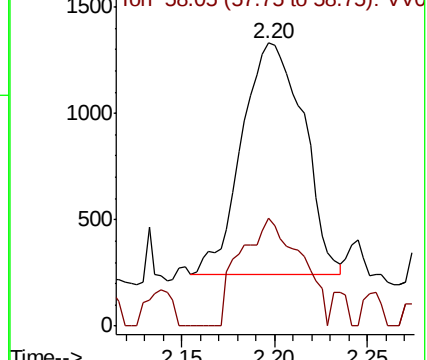
Ion Ratio Lower Upper

43 100

58 45.7 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV016956.D (-329) (-)



#15

Methyl Acetate

Concen: 0.834 ug/L

RT: 2.40 min Scan# 408

Delta R.T. -0.04 min

Lab File: VV016962.D

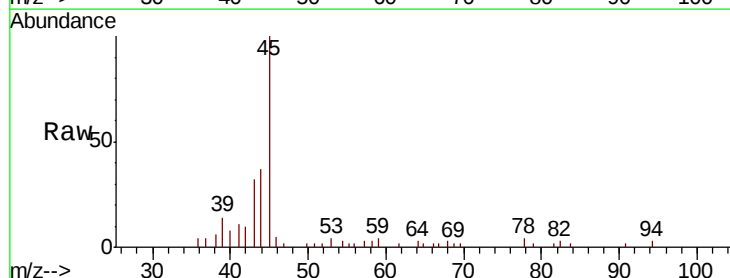
Acq: 17 Jun 2020 14:51

Tgt Ion: 43 Resp: 3503

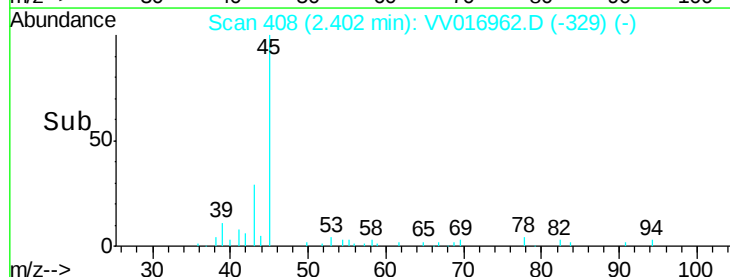
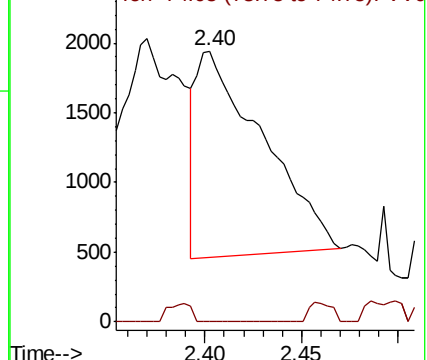
Ion Ratio Lower Upper

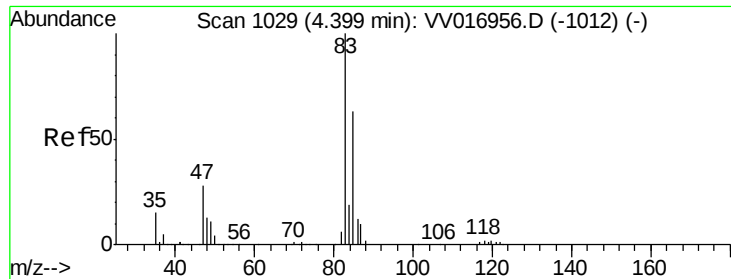
43 100

74 3.1 19.1 28.7#



Abundance Ion 43.05 (42.75 to 43.75): VV016956.D (-411) (-)

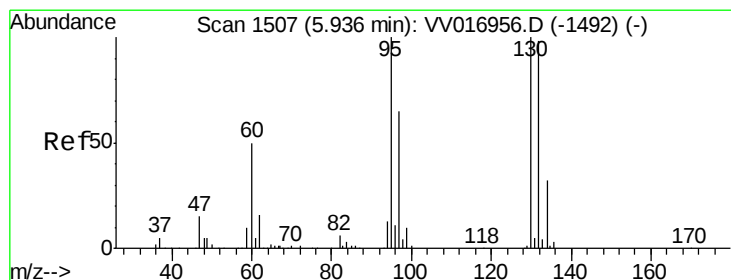
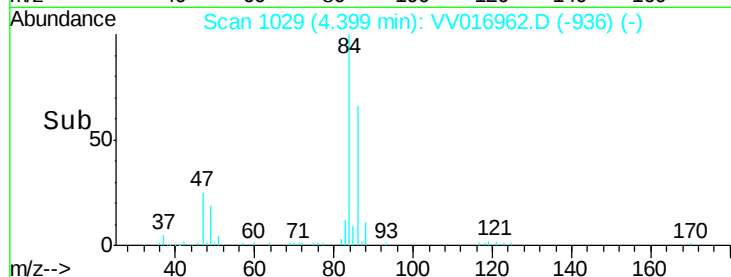
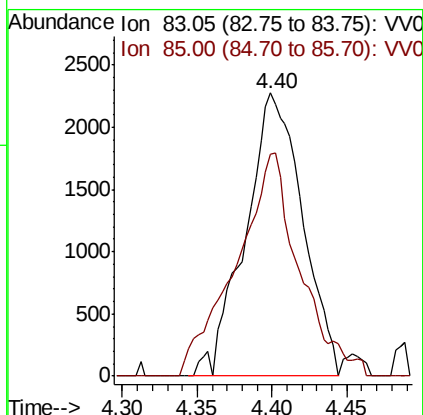
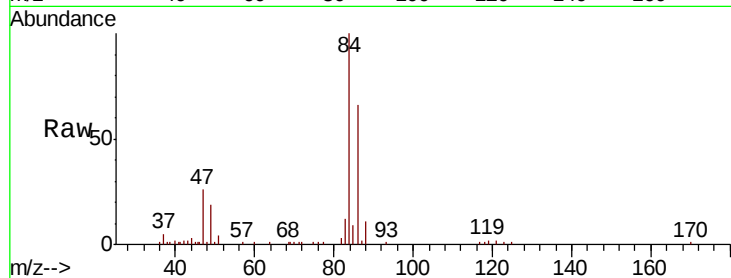




#25
Chloroform
Concen: 0.218 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV016962.D
Acq: 17 Jun 2020 14:51

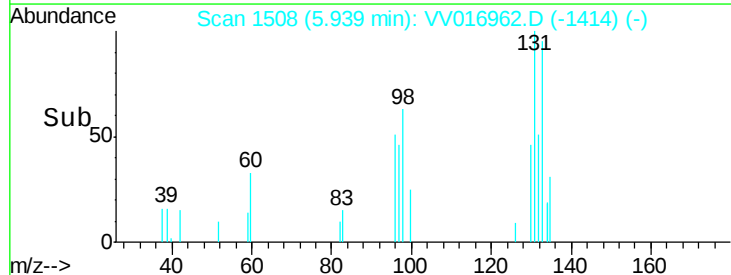
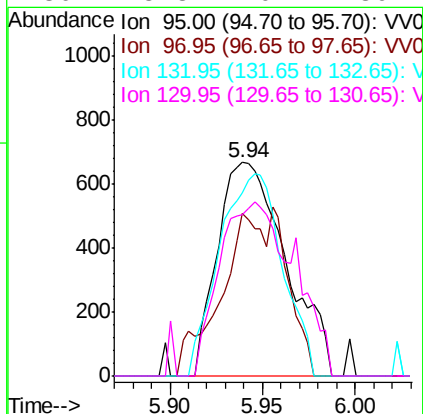
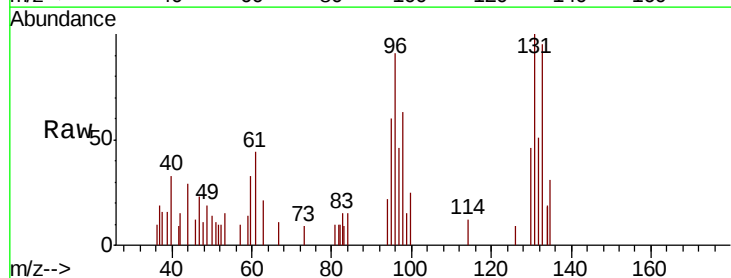
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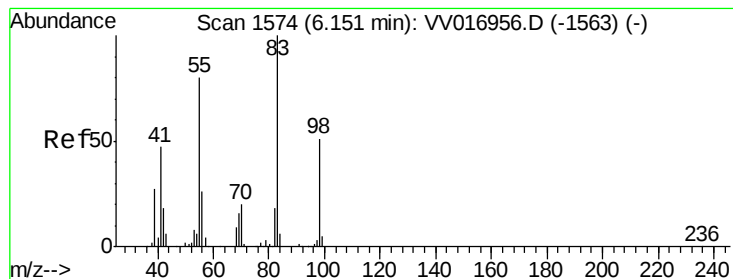
Tot Ion: 83 Resp: 6031
Ion Ratio Lower Upper
83 100
85 78.6 44.2 82.2



#34
Trichloroethene
Concen: 0.105 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016962.D
Acq: 17 Jun 2020 14:51

Tgt Ion: 95 Resp: 1710
Ion Ratio Lower Upper
95 100
97 76.3 45.3 84.1
132 85.6 68.8 127.8
130 75.8 70.2 130.4





#35

Methvlcvclohexane

Concen: 0.724 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016962.D

Acq: 17 Jun 2020 14:51

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

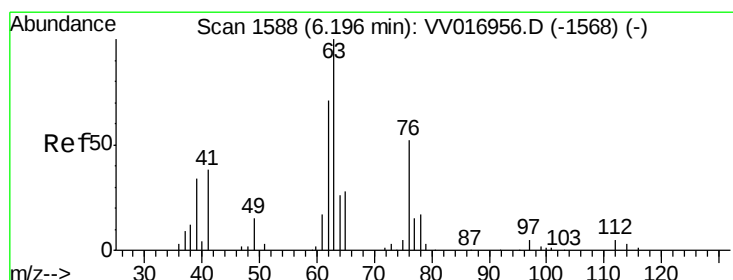
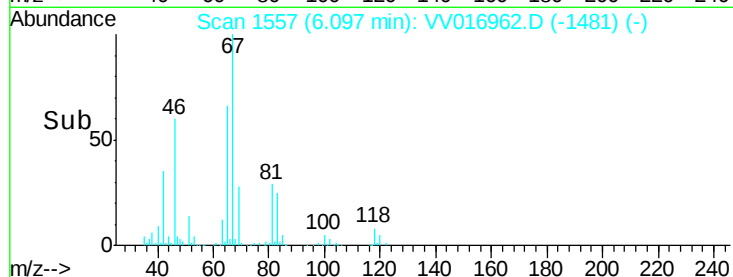
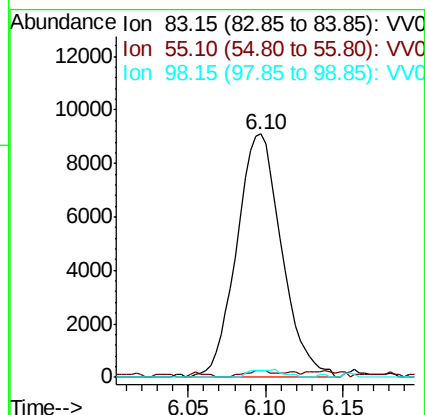
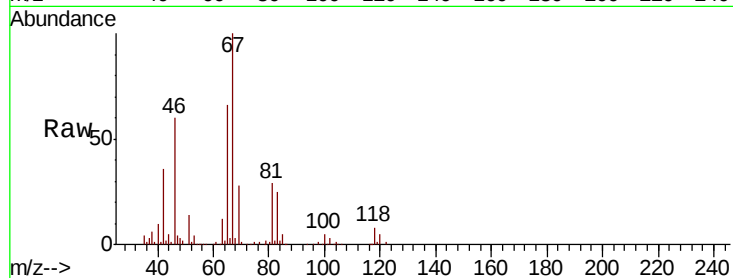
Tot Ion: 83 Resp: 18409

Ion Ratio Lower Upper

83 100

55 1.9 63.6 95.4#

98 0.0 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016962.D

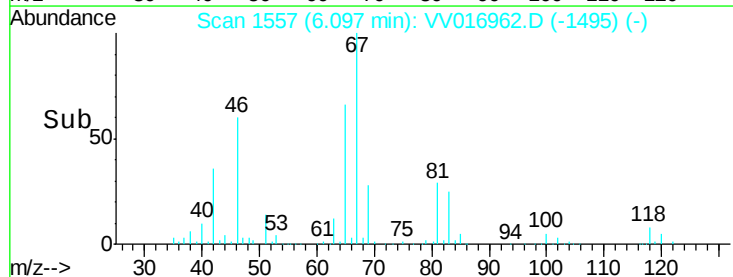
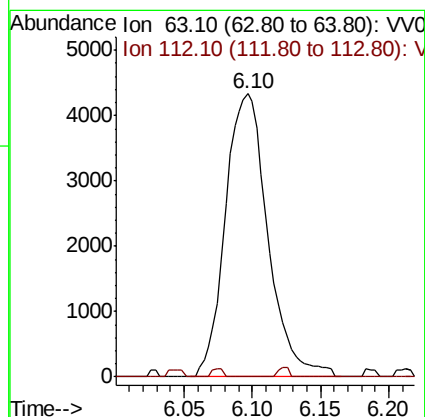
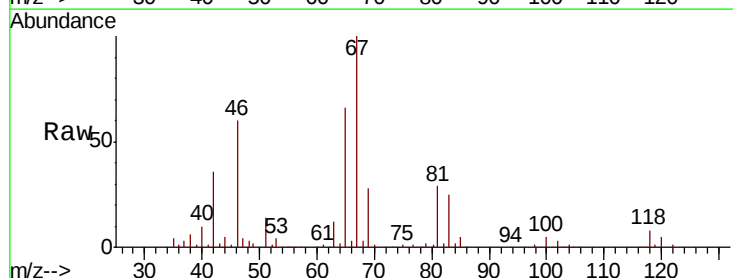
Acq: 17 Jun 2020 14:51

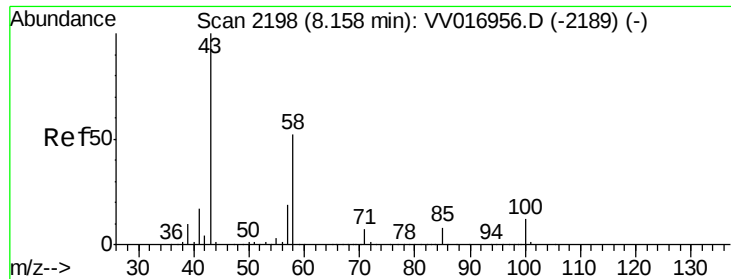
Tgt Ion: 63 Resp: 9375

Ion Ratio Lower Upper

63 100

112 0.7 4.4 6.6#

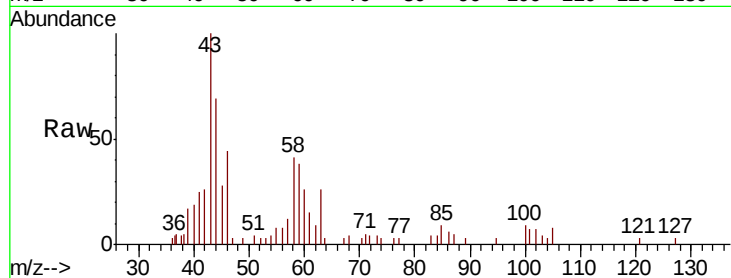




#50
 2-Hexanone
 Concen: 1.403 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV016962.D
 Acq: 17 Jun 2020 14:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Tot Ion:	43	Resp:	7968
Ion	Ratio	Lower	Upper
43	100		
58	43.6	41.6	62.4
57	14.1	15.4	23.0#
100	13.0	10.1	15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

