

Data File : VV012172.D
Acq On : 10 Aug 2019 00:52
Operator : SY/MD
Sample : K4248-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B46

Quant Time: Aug 10 05:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	267616	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	246323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44895	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	31266	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	64271	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	3.93	46	30969	63.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.62%
24) Chloroform-d	4.40	84	90334	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.08	65	60551	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.10	84	193652	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.12	67	51633	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.36	98	173146	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.66	79	25160	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.13	63	36930	92.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68208	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	66386	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

Target Compounds

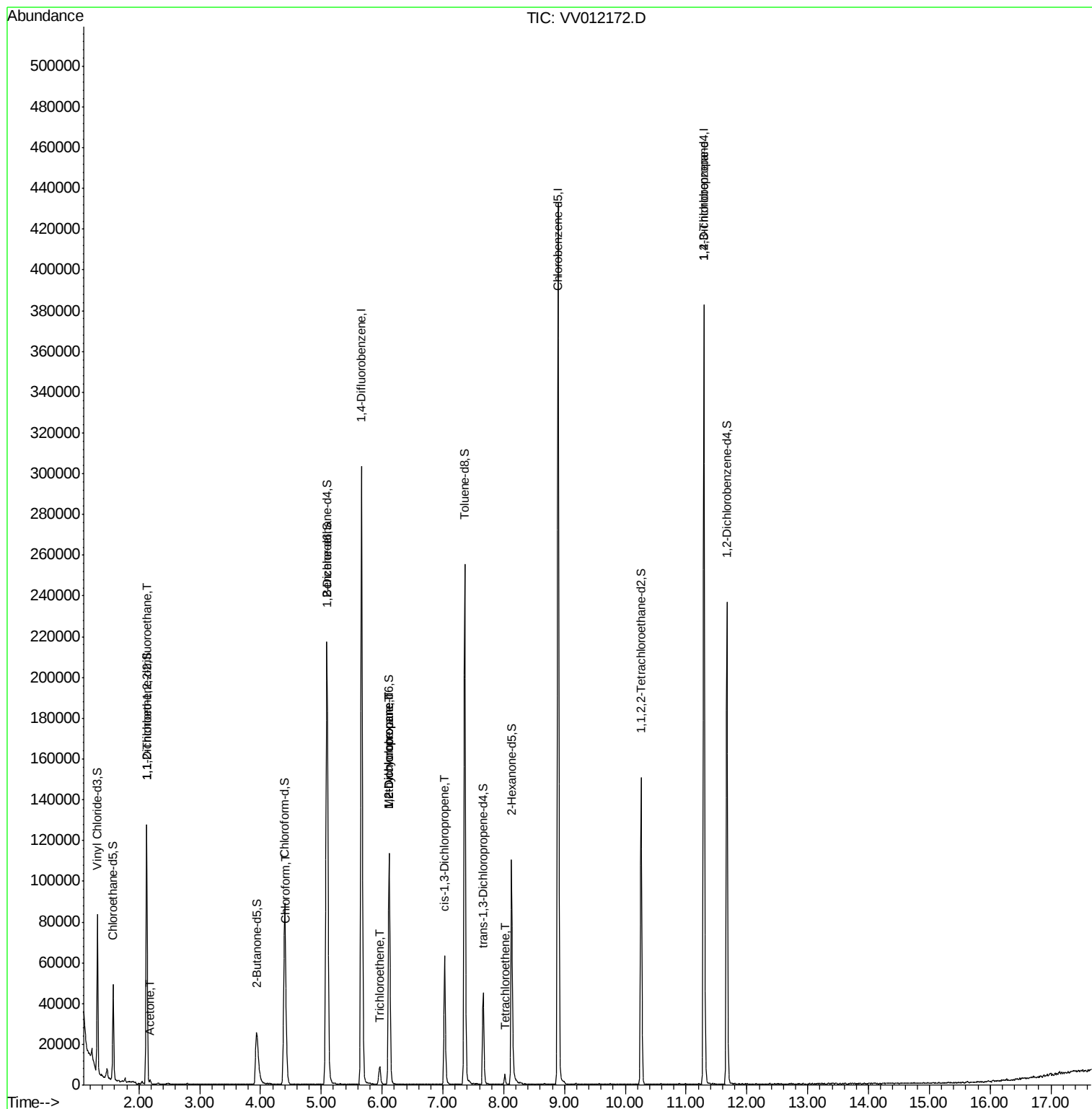
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	705	0.598	ug/L #	14
13) Acetone	2.19	43	464	0.656	ug/L #	43
25) Chloroform	4.42	83	6813	2.178	ug/L	91
34) Trichloroethene	5.96	95	2961	1.742	ug/L	91
35) Methylcyclohexane	6.12	83	14458	5.463	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6149	4.106	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1785	0.691	ug/L #	64
46) Tetrachloroethene	8.02	164	831	0.512	ug/L #	53
59) 1,2,3-Trichloropropane	11.29	75	10037	4.967	ug/L #	88

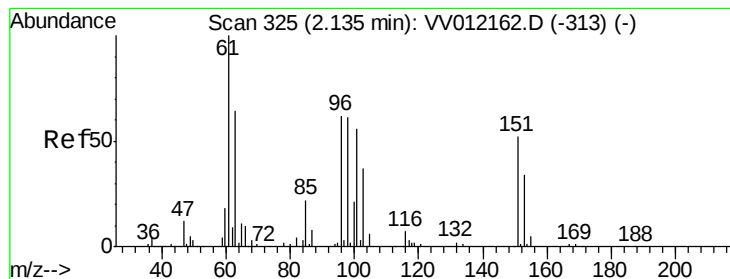
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.598 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012172.D

Acq: 10 Aug 2019 00:52

Instrument :

MSVOA_V

ClientSampled :

F2B46

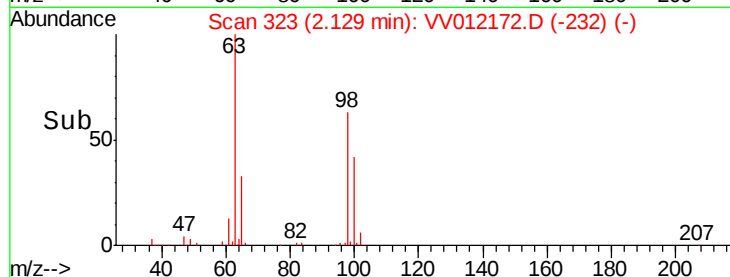
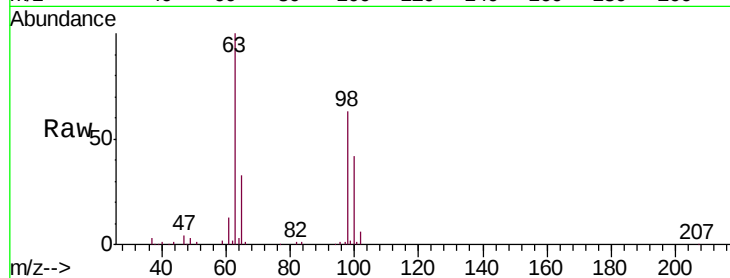
Tgt Ion: 101 Resp: 705

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

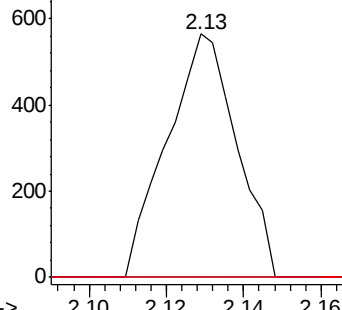
151 0.0 71.8 107.8#



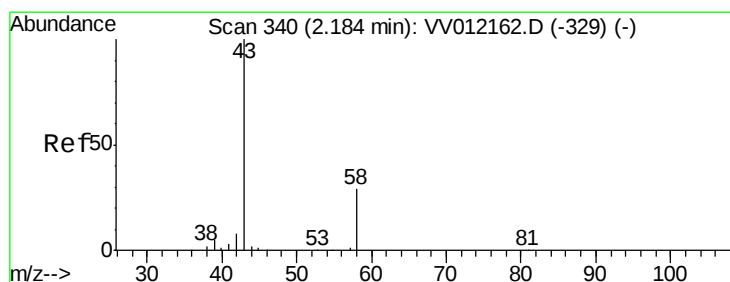
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 0.656 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV012172.D

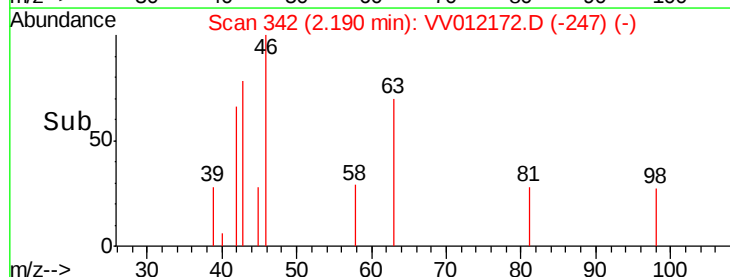
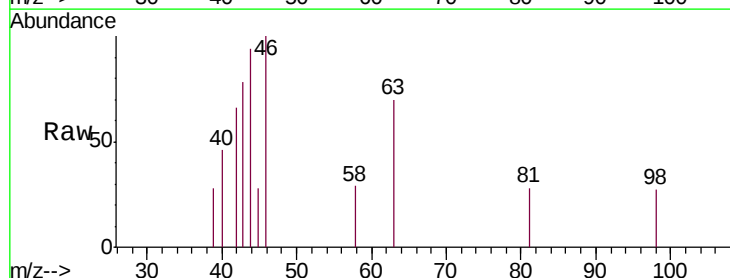
Acq: 10 Aug 2019 00:52

Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

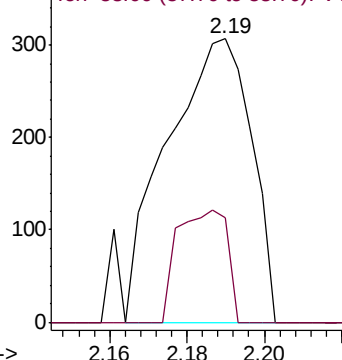
43 100

58 0.0 0.0 63.4

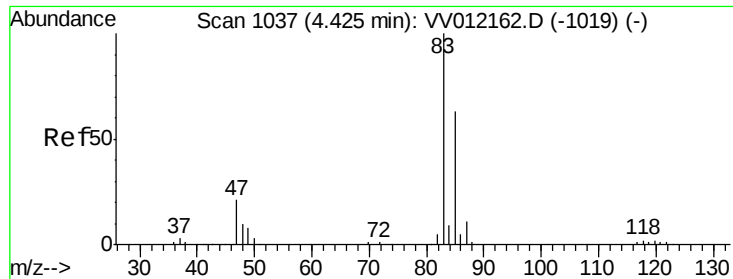


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



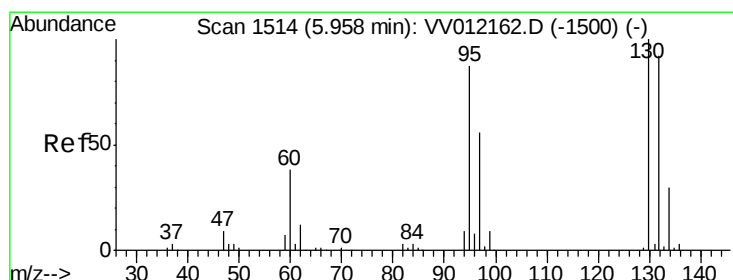
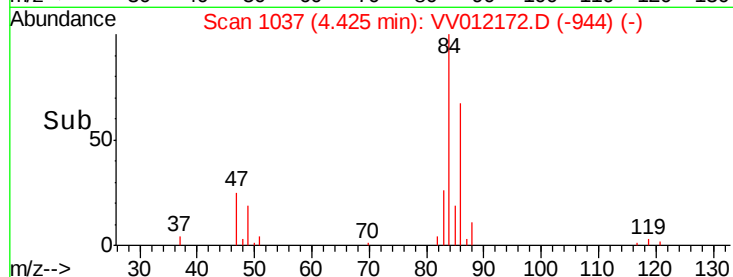
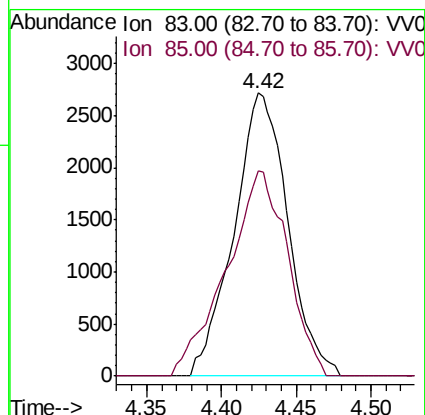
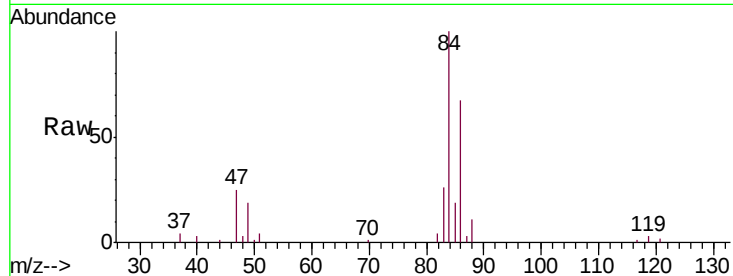
Time-->



#25
Chloroform
Concen: 2.178 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012172.D
Acq: 10 Aug 2019 00:52

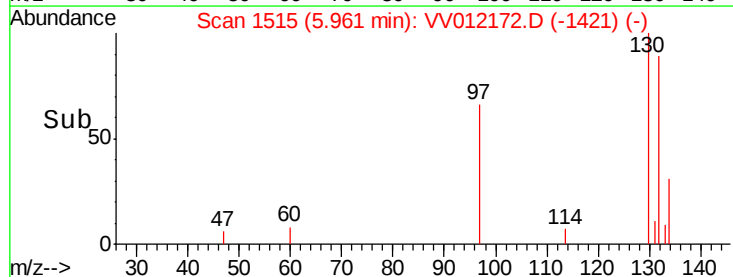
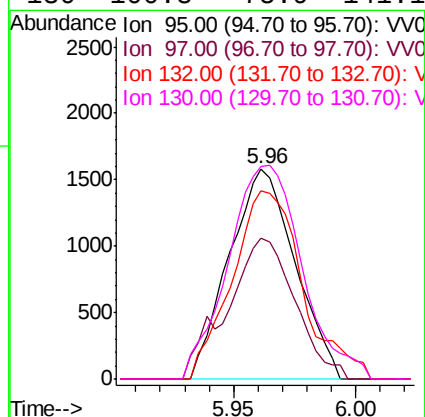
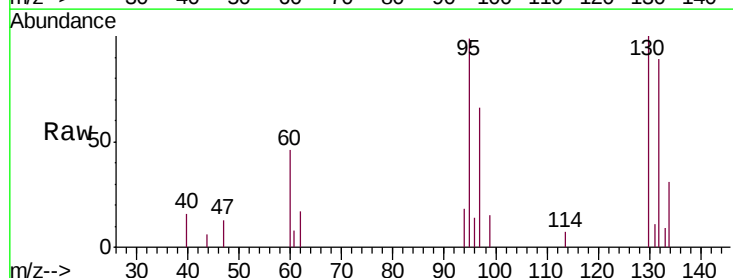
Instrument :
MSVOA_V
ClientSampled :
F2B46

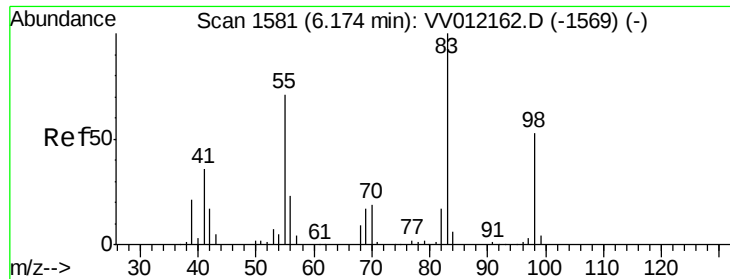
Tgt Ion: 83 Resp: 6813
Ion Ratio Lower Upper
83 100
85 72.4 45.7 84.9



#34
Trichloroethene
Concen: 1.742 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012172.D
Acq: 10 Aug 2019 00:52

Tgt Ion: 95 Resp: 2961
Ion Ratio Lower Upper
95 100
97 66.8 44.7 83.1
132 89.3 72.7 134.9
130 100.8 75.9 141.1

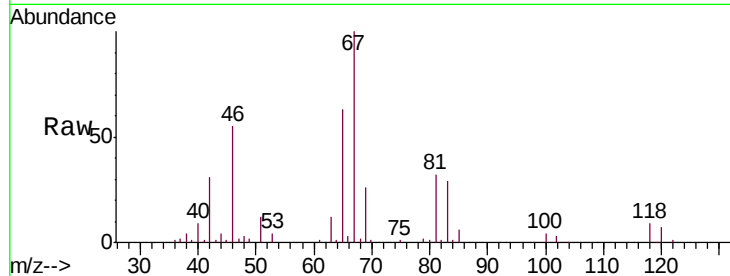




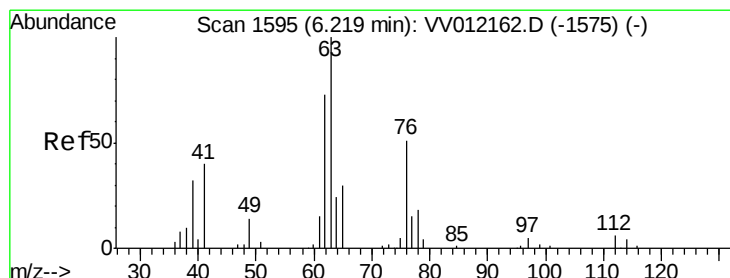
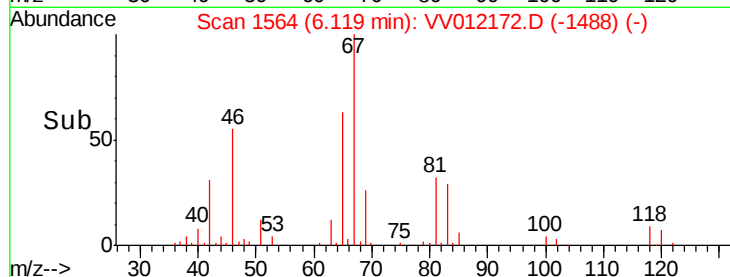
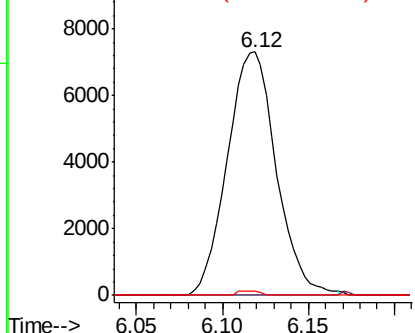
#35
Methylcyclohexane
Concen: 5.463 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012172.D
Acq: 10 Aug 2019 00:52

Instrument :
MSVOA_V
ClientSampleId :
F2B46

Tgt Ion: 83 Resp: 14458
Ion Ratio Lower Upper
83 100
55 0.3 54.9 82.3#
98 0.8 40.7 61.1#

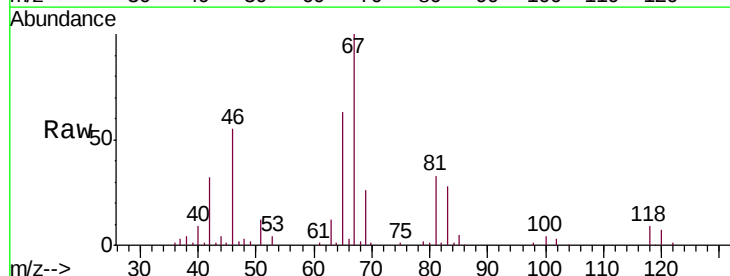


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

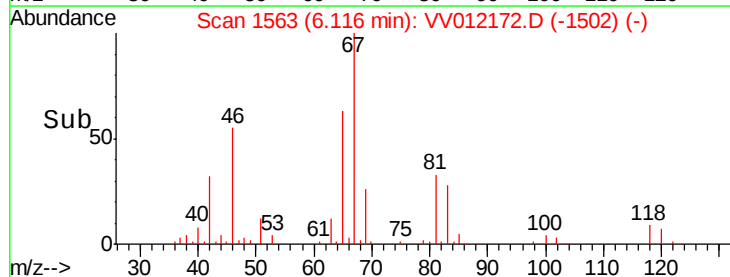
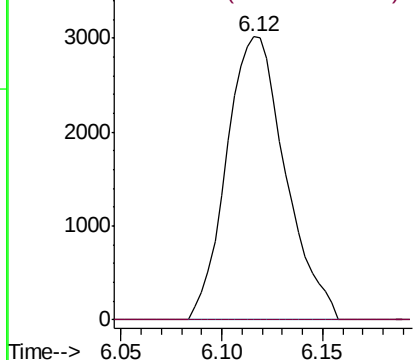


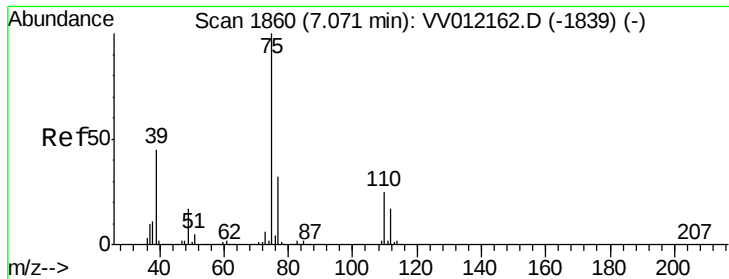
#37
1,2-Dichloropropane
Concen: 4.106 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012172.D
Acq: 10 Aug 2019 00:52

Tgt Ion: 63 Resp: 6149
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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

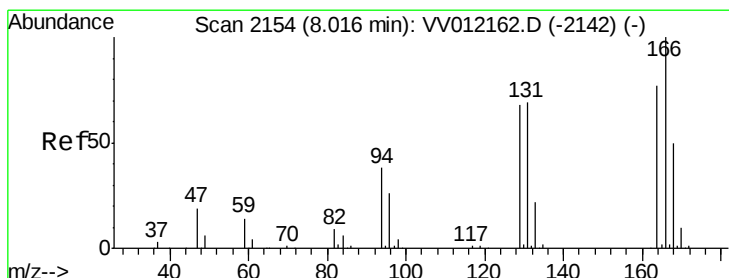
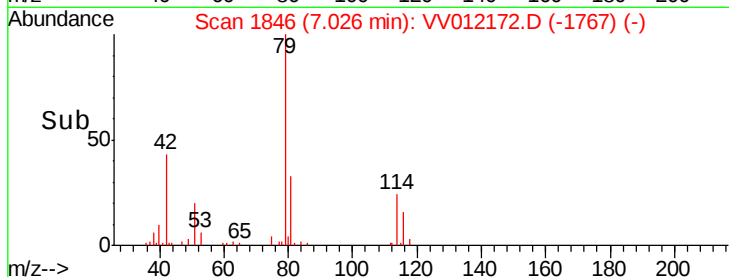
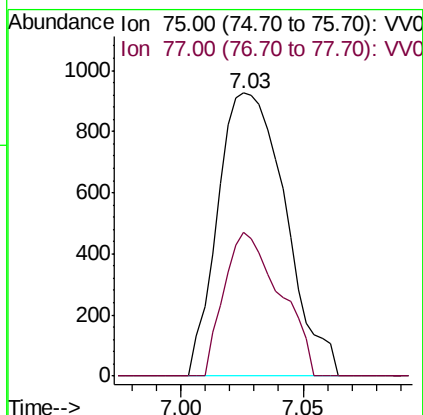
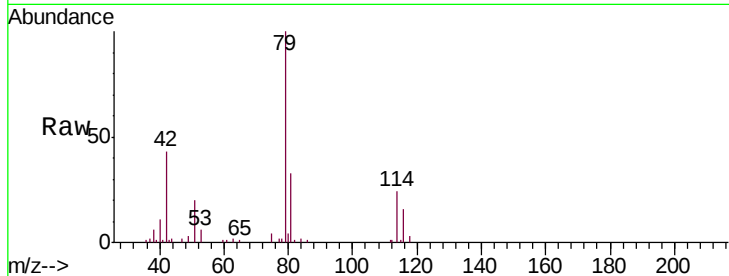




#39
 cis-1,3-Dichloropropene
 Concen: 0.691 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012172.D
 Acq: 10 Aug 2019 00:52

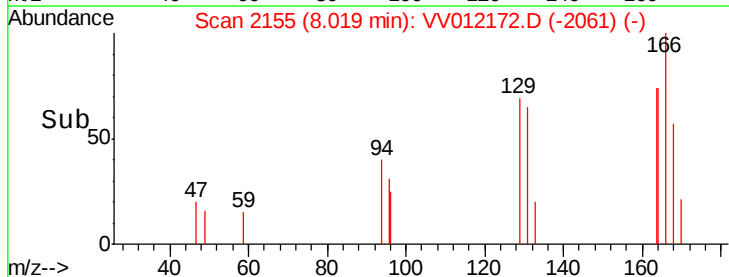
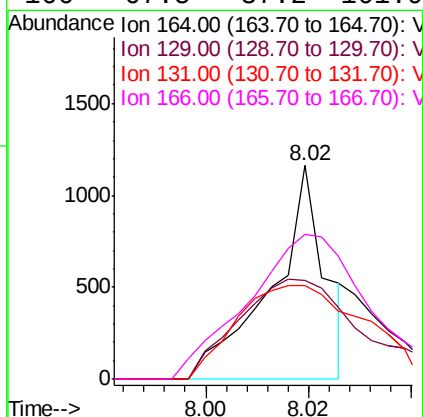
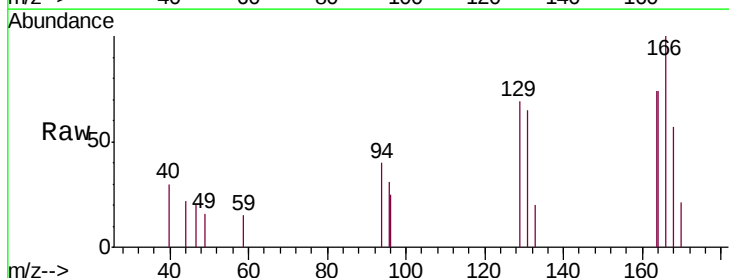
Instrument :
 MSVOA_V
 ClientSampleId :
 F2B46

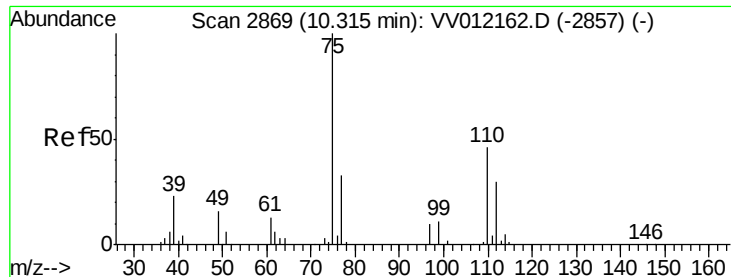
Tgt Ion: 75 Resp: 1785
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.7 40.3#



#46
 Tetrachloroethene
 Concen: 0.512 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012172.D
 Acq: 10 Aug 2019 00:52

Tgt Ion: 164 Resp: 831
 Ion Ratio Lower Upper
 164 100
 129 46.3 60.6 112.6#
 131 43.6 59.5 110.5#
 166 67.5 87.2 161.9#





#59
 1,2,3-Trichloropropane
 Concen: 4.967 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012172.D
 Acq: 10 Aug 2019 00:52

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B46

Tgt Ion: 75 Resp: 10037
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.3 39.5#

