

Data File : VV010615.D
Acq On : 01 May 2019 20:17
Operator : SY/MD
Sample : K2590-02DL2 1000X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X80DL2

Quant Time: May 02 08:24:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	78091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	73986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20913	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	12819	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	33338	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	57329	53.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	4.40	84	47172	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	25029	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	98230	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.12	67	30911	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	86712	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	9426	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	47107	58.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20678	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	30773	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

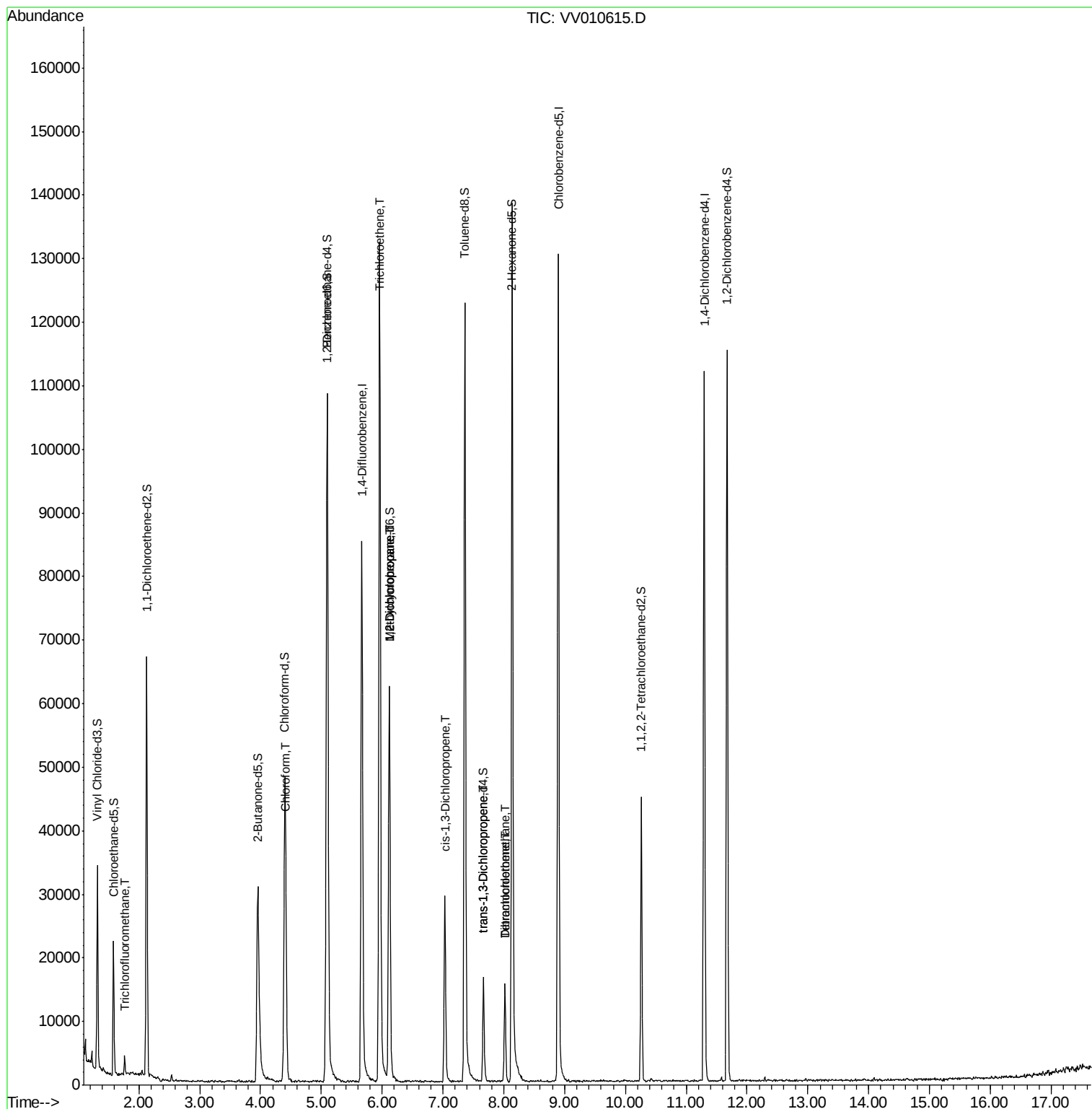
					Qvalue
9) Trichlorofluoromethane	1.77	101	1065	0.109 ug/L #	71
25) Chloroform	4.42	83	2062	0.197 ug/L	96
34) Trichloroethene	5.96	95	48309	8.416 ug/L	98
35) Methylcyclohexane	6.12	83	7166	0.862 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3152	0.633 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	746	0.110 ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	424	0.081 ug/L #	45
47) Tetrachloroethene	8.02	164	3467	0.765 ug/L	93
49) Dibromochloromethane	8.02	129	3350	0.813 ug/L #	11

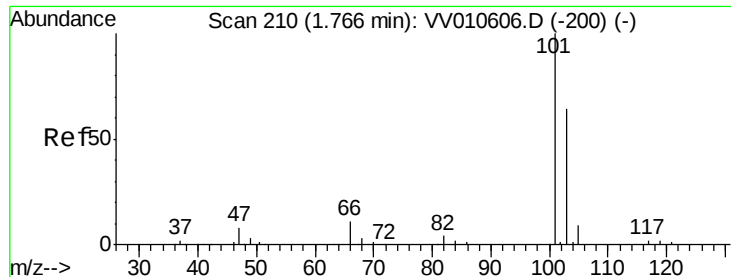
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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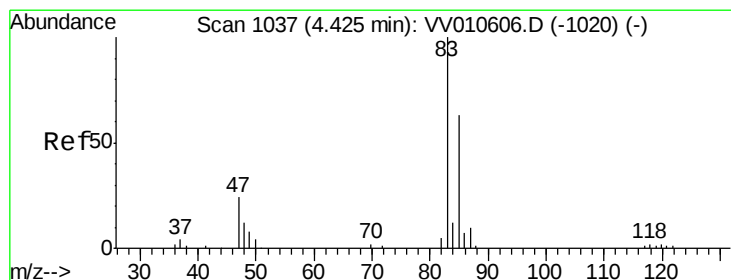
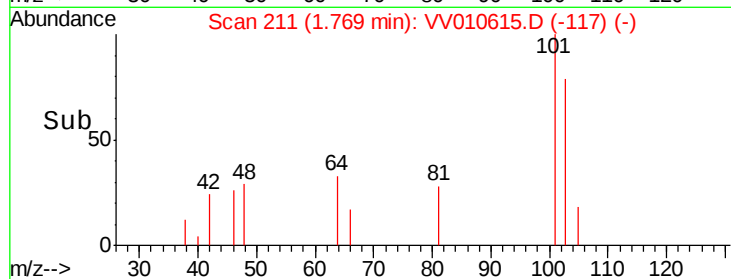
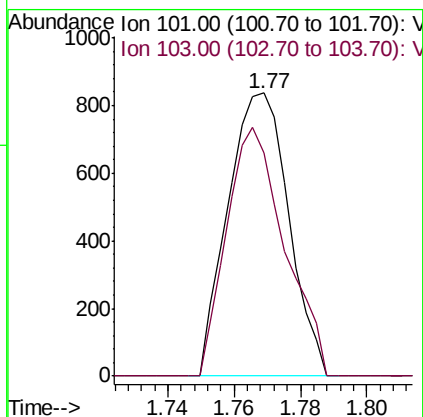
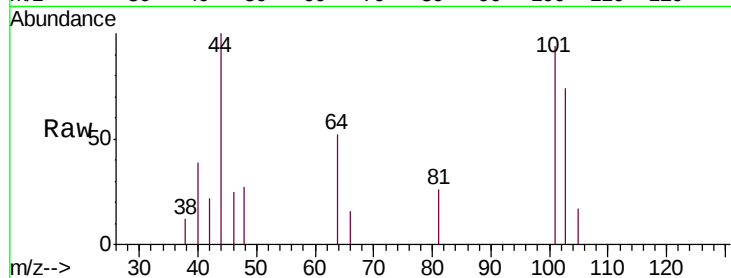


#9

Trichlorofluoromethane
 Concen: 0.109 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VV010615.D
 Acq: 01 May 2019 20:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X80DL2

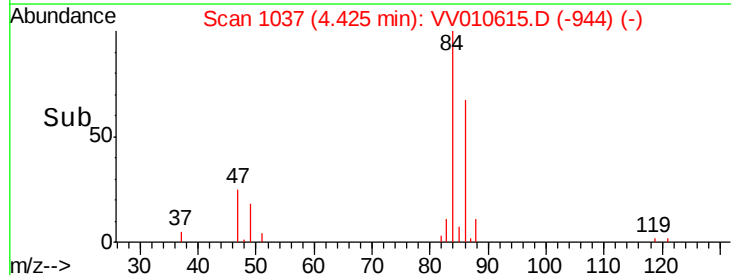
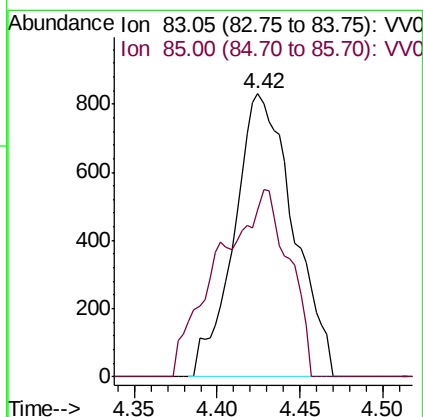
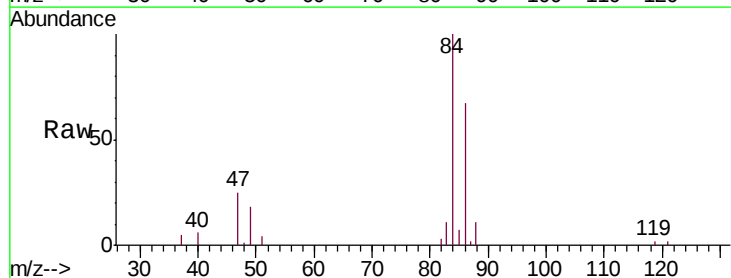
Tgt Ion: 101 Resp: 1065
 Ion Ratio Lower Upper
 101 100
 103 84.2 49.5 74.3#

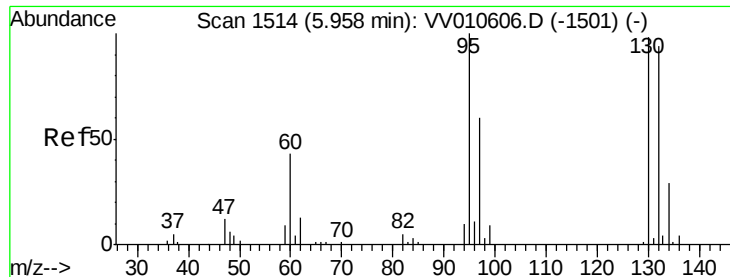


#25

Chloroform
 Concen: 0.197 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV010615.D
 Acq: 01 May 2019 20:17

Tgt Ion: 83 Resp: 2062
 Ion Ratio Lower Upper
 83 100
 85 59.0 43.7 81.1





#34

Trichloroethene

Concen: 8.416 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

C0X80DL2

Tgt Ion: 95 Resp: 48309

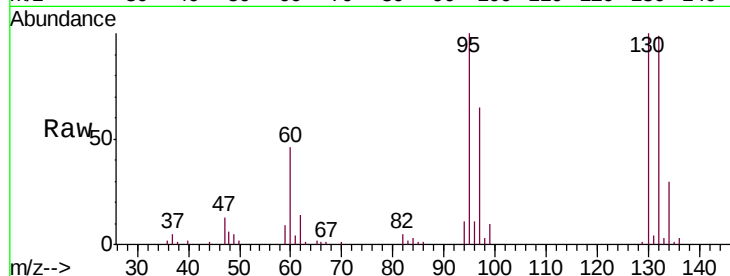
Ion Ratio Lower Upper

95 100

97 65.1 42.4 78.6

132 99.2 69.3 128.7

130 99.6 70.3 130.7

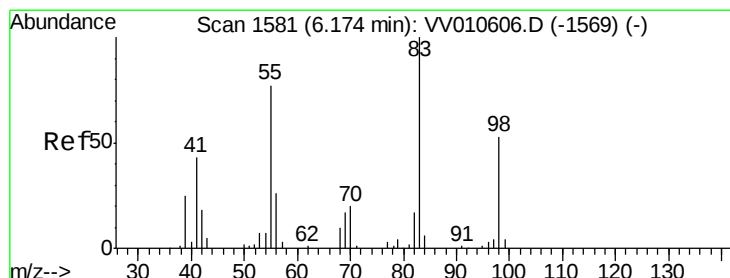
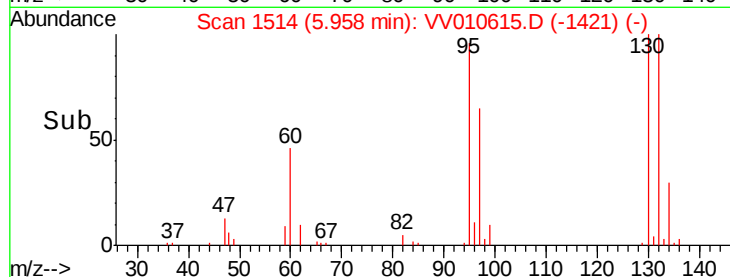
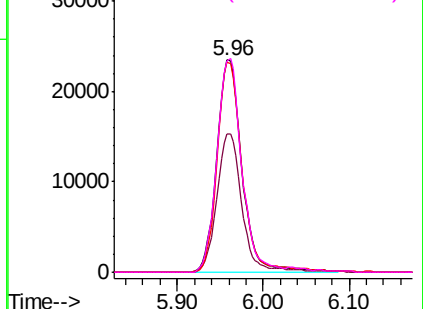


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

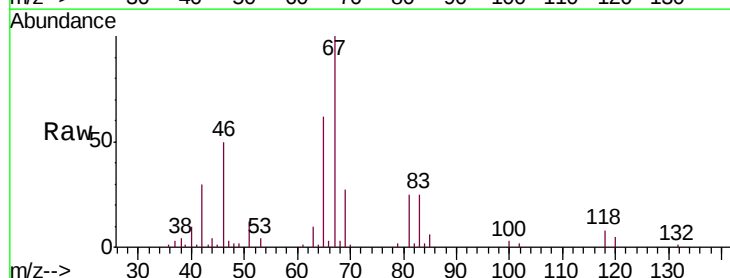
Tgt Ion: 83 Resp: 7166

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.0#

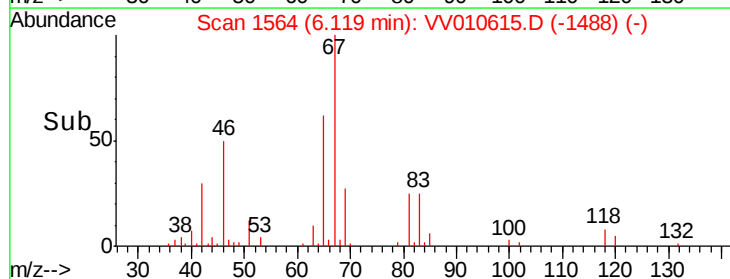
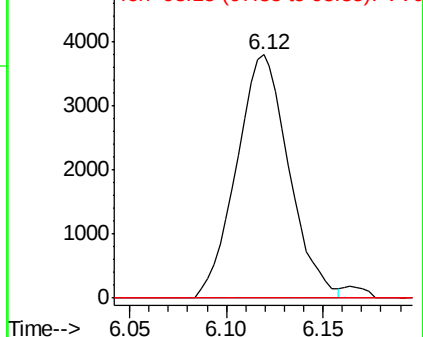
98 0.0 38.7 58.1#

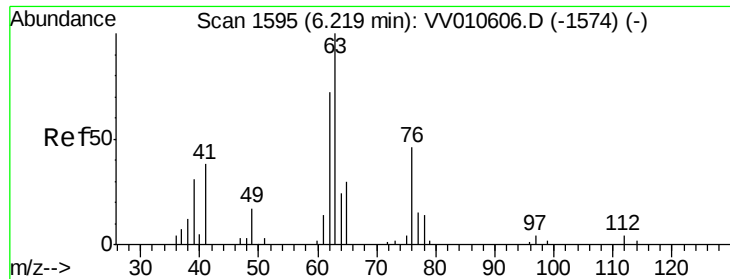


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

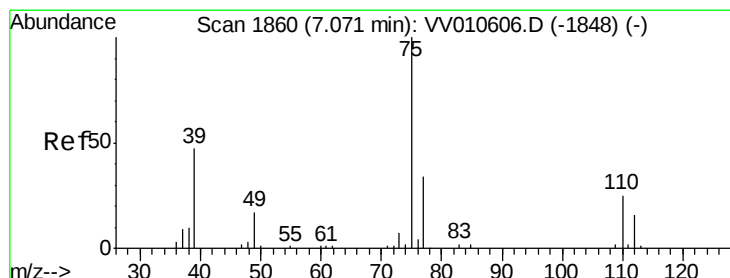
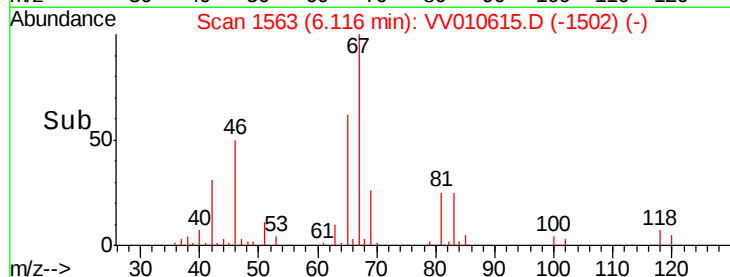
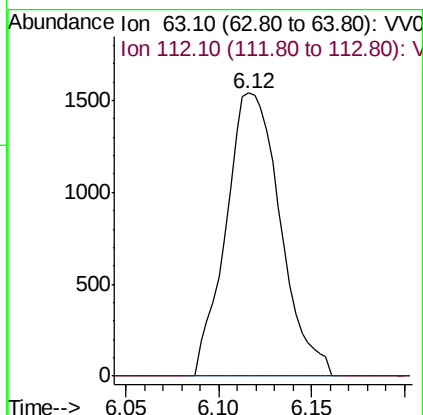
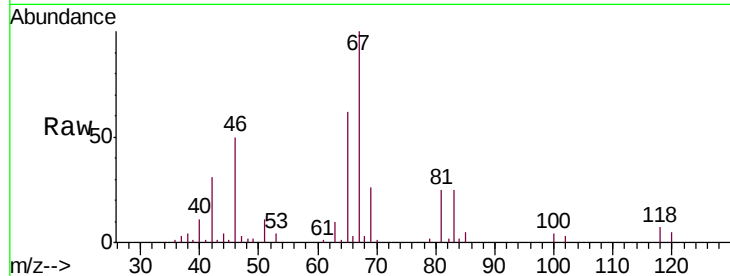




#37
 1,2-Dichloropropane
 Concen: 0.633 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010615.D
 Acq: 01 May 2019 20:17

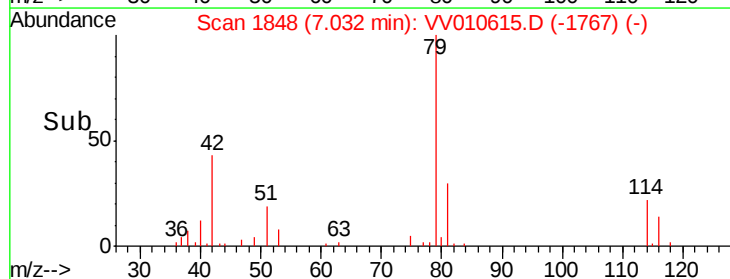
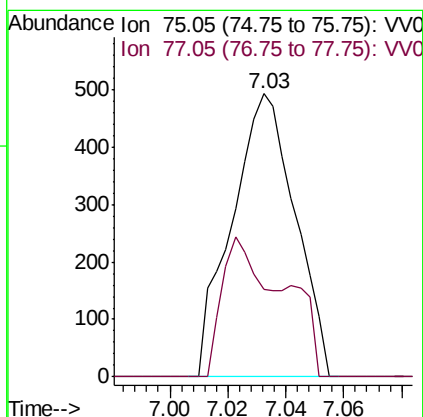
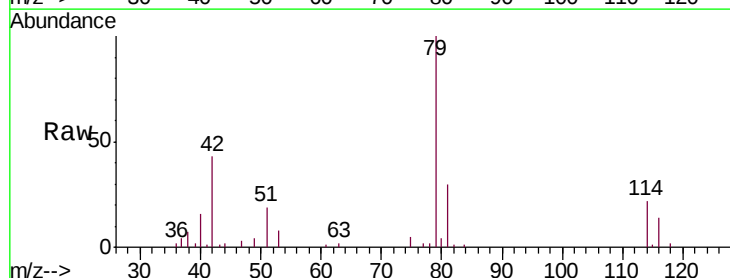
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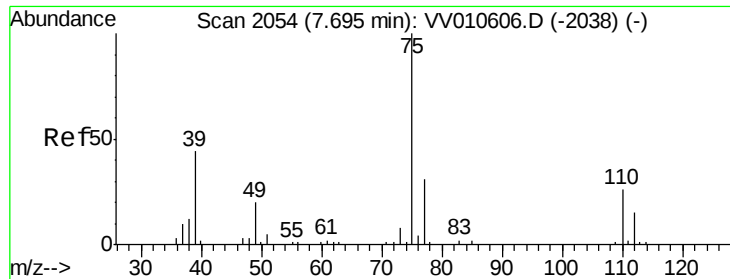
Tgt Ion: 63 Resp: 3152
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010615.D
 Acq: 01 May 2019 20:17

Tgt Ion: 75 Resp: 746
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.9 44.3





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

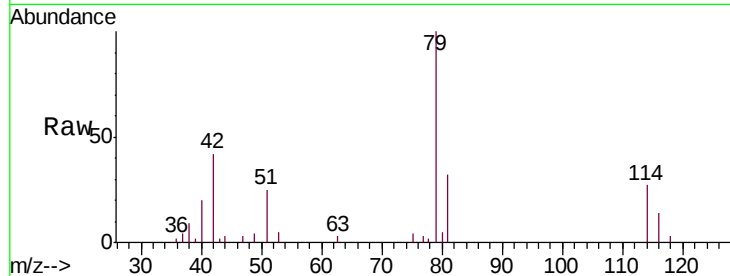
C0X80DL2

Tgt Ion: 75 Resp: 424

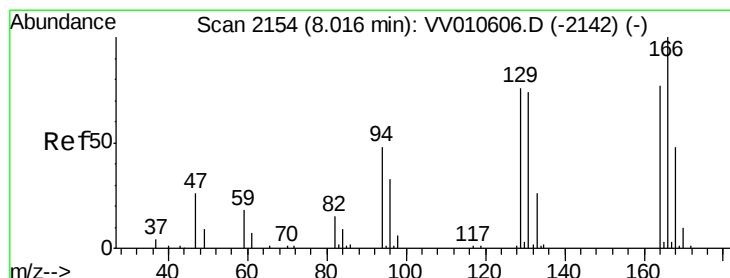
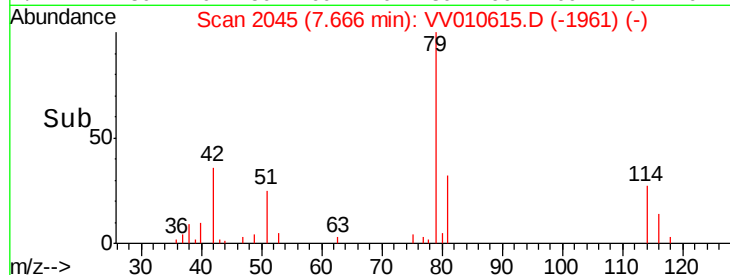
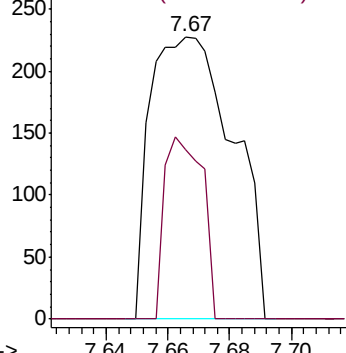
Ion Ratio Lower Upper

75 100

77 60.1 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VV010606.D (-2038) (-)



#47

Tetrachloroethene

Concen: 0.765 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Tgt Ion: 164 Resp: 3467

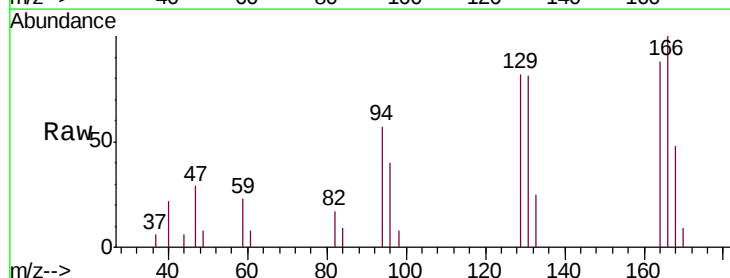
Ion Ratio Lower Upper

164 100

129 93.8 69.9 129.7

131 92.3 65.6 121.8

166 113.9 88.9 165.1

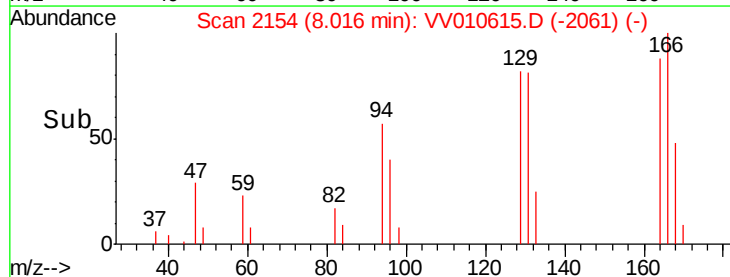
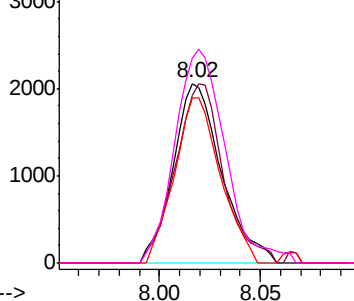


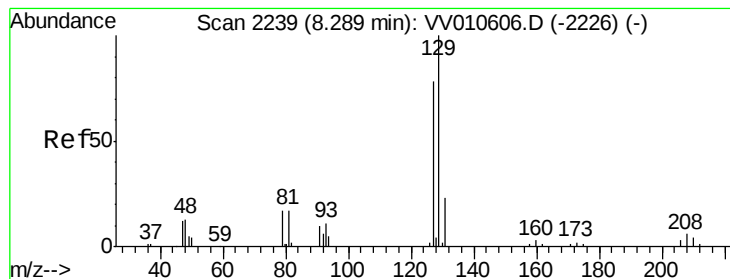
Abundance Ion 163.90 (163.60 to 164.60): VV010606.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV010606.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV010606.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV010606.D (-2142) (-)





#49

Dibromochloromethane

Concen: 0.813 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010615.D

Acq: 01 May 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

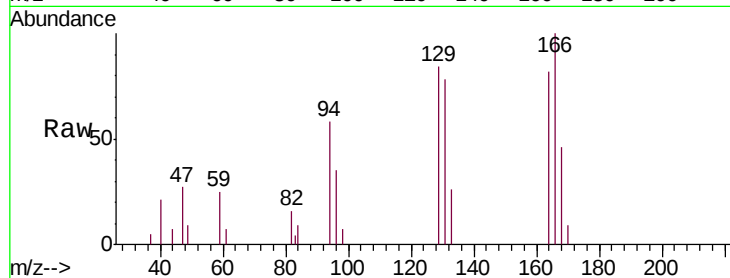
C0X80DL2

Tgt Ion:129 Resp: 3350

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

