

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016072.D
 Acq On : 14 May 2020 17:21
 Operator : SY/MD
 Sample : L2598-23
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 06:31:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144951	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40984	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	41179	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	74151	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.93	46	123609	55.98	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.96%
24) Chloroform-d	4.38	84	87214	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.06	65	50470	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.08	84	171104	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	54516	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	150018	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	7.65	79	17760	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
48) 2-Hexanone-d5	8.12	63	94565	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38733	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	56498	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

					Ovalue
8) Chloroethane	1.56	64	5108	0.677 ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1865	0.227 ug/L #	69
12) 1,1-Dichloroethene	2.14	96	21295	2.712 ug/L #	79
13) Acetone	2.21	43	3300	2.265 ug/L	89
19) 1,1-Dichloroethane	3.22	63	1098	0.066 ug/L #	84
22) cis-1,2-Dichloroethene	3.95	96	1540	0.170 ug/L	97
25) Chloroform	4.41	83	8694	0.472 ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	11048	0.691 ug/L	99
34) Trichloroethene	5.95	95	7574	0.728 ug/L	97
35) Methylcyclohexane	6.10	83	13699	0.870 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6761	0.730 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	913	0.083 ug/L	92
49) Tetrachloroethene	8.00	164	55803	7.683 ug/L	99
50) 2-Hexanone	8.12	43	14430	3.533 ug/L #	79
51) Dibromochloromethane	8.00	129	53783	7.736 ug/L #	9

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QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration

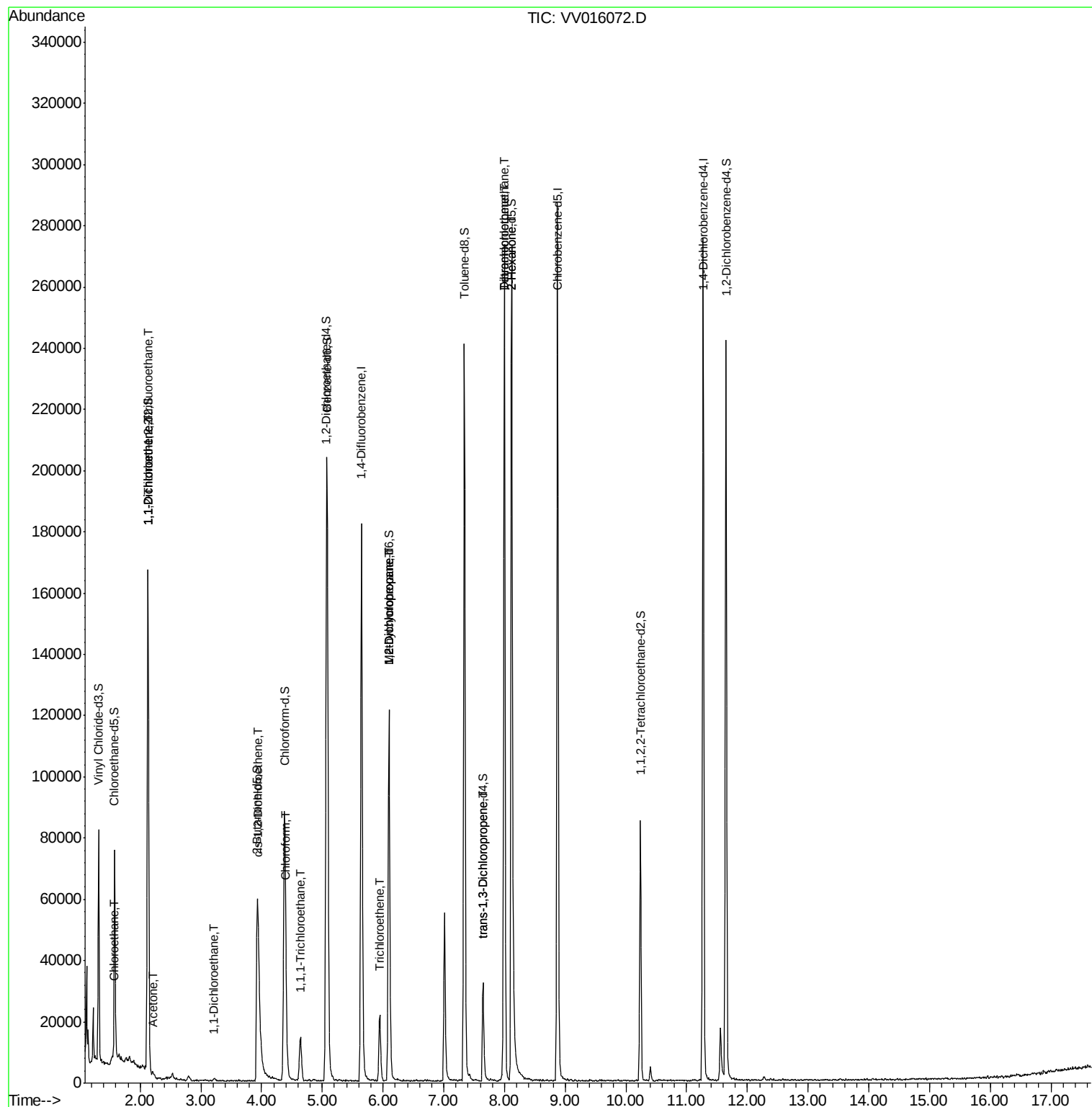
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

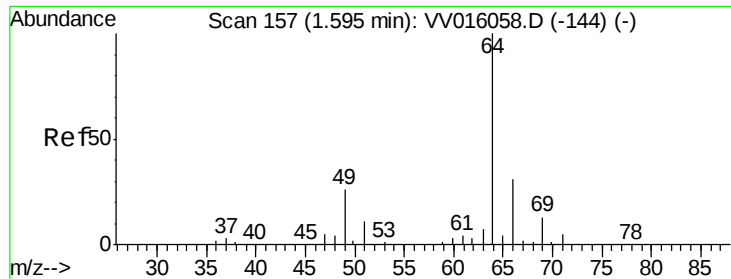
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#8

Chloroethane

Concen: 0.677 ug/L

RT: 1.56 min Scan# 145

Delta R.T. -0.04 min

Lab File: VV016072.D

Acq: 14 May 2020 17:21

Instrument :

MSVOA_V

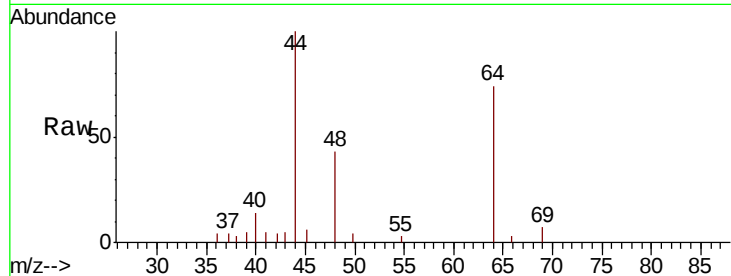
ClientSampled :

Tot Ion: 64 Resp: 5108

Ion Ratio Lower Upper

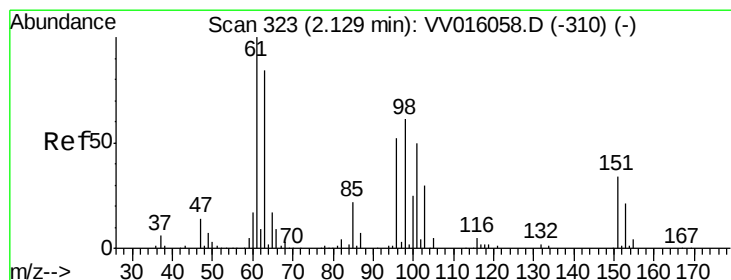
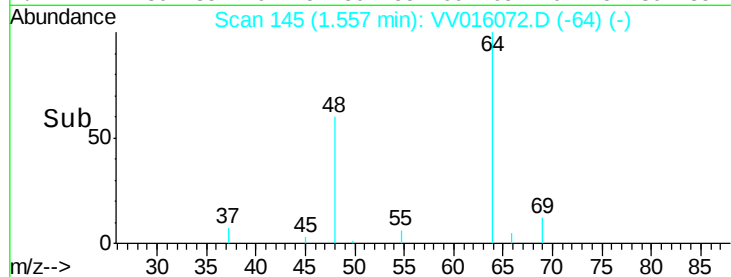
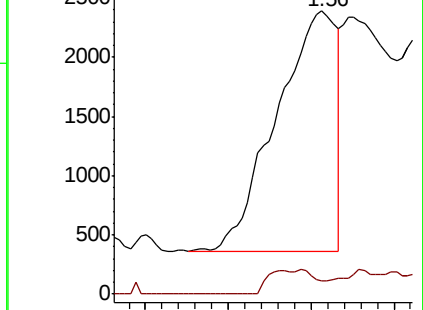
64 100

66 4.5 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV016072.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV016072.D (-66) (-)



#10

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

Concen: 0.227 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV016072.D

Acq: 14 May 2020 17:21

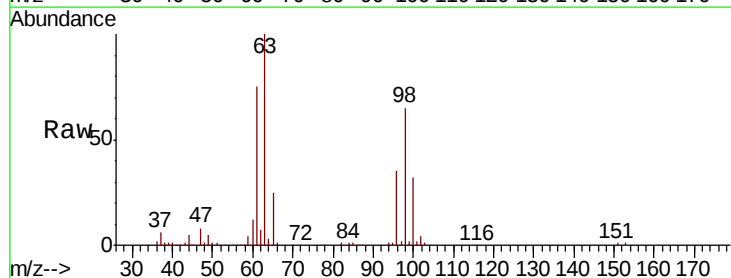
Tgt Ion: 101 Resp: 1865

Ion Ratio Lower Upper

101 100

85 24.5 35.7 53.5#

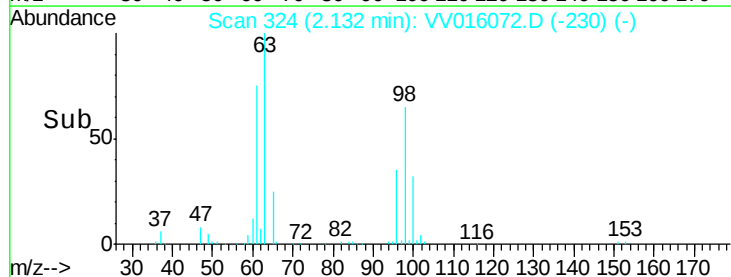
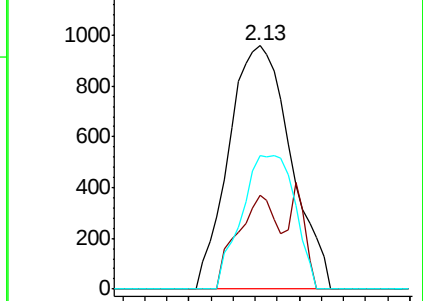
151 47.1 58.0 87.0#

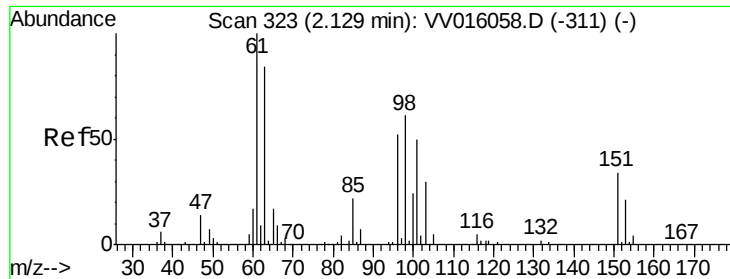


Abundance Ion 101.00 (100.70 to 101.70): VV016072.D (-101) (-)

Ion 85.00 (84.70 to 85.70): VV016072.D (-85) (-)

Ion 151.00 (150.70 to 151.70): VV016072.D (-151) (-)

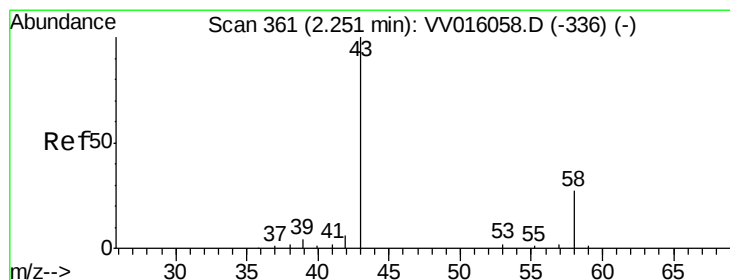
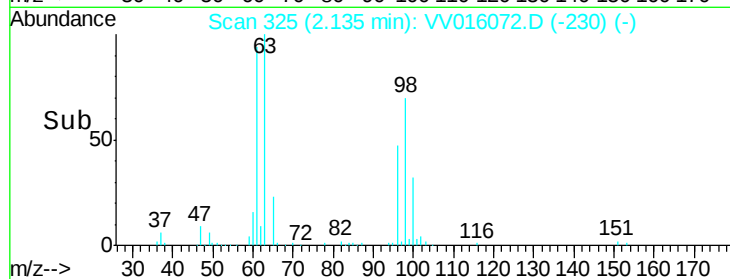
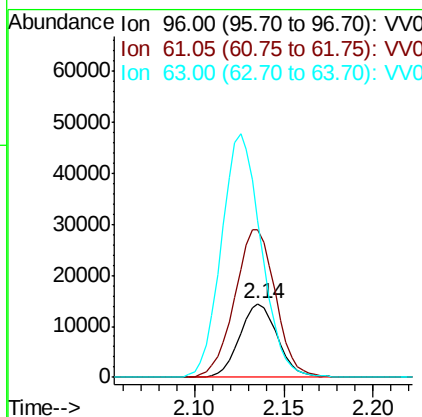
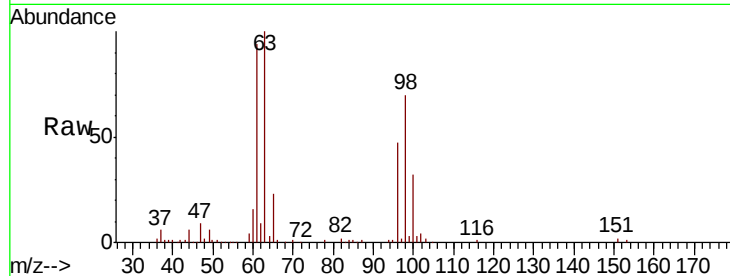




#12
 1,1-Dichloroethene
 Concen: 2.712 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

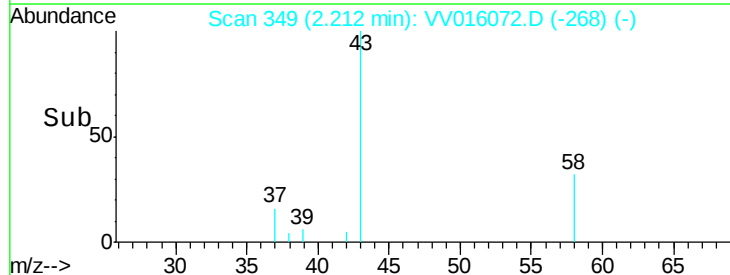
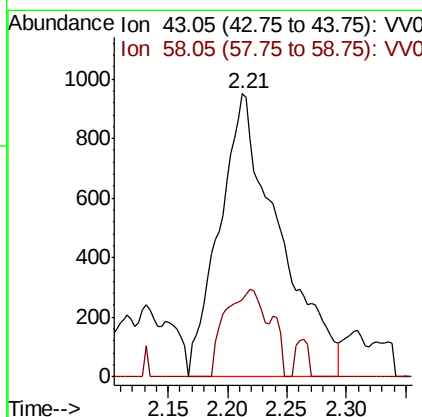
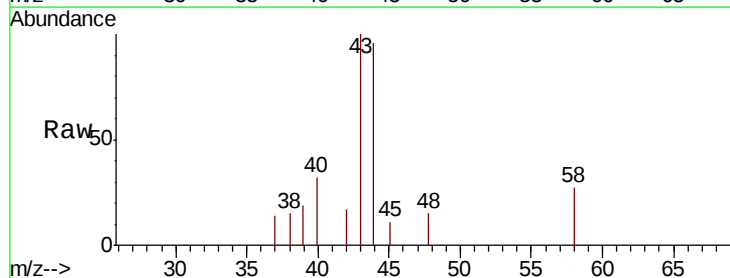
Instrument :
 MSVOA_V
 ClientSampleID :

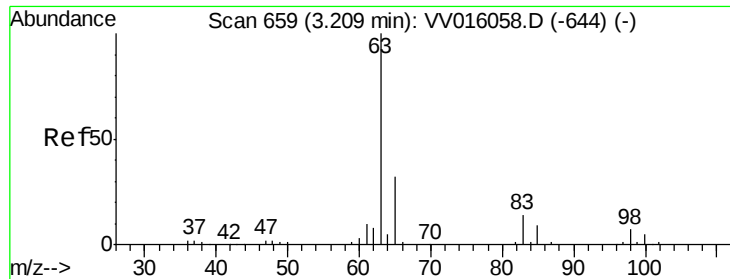
Tot Ion: 96 Resp: 21295
 Ion Ratio Lower Upper
 96 100
 61 201.0 139.9 259.7
 63 213.3 106.4 197.6#



#13
 Acetone
 Concen: 2.265 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. -0.04 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Tgt Ion: 43 Resp: 3300
 Ion Ratio Lower Upper
 43 100
 58 20.0 0.0 30.8

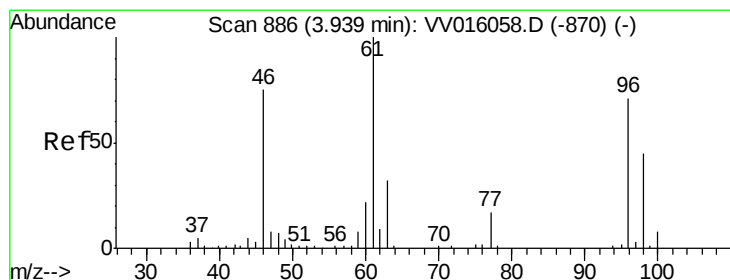
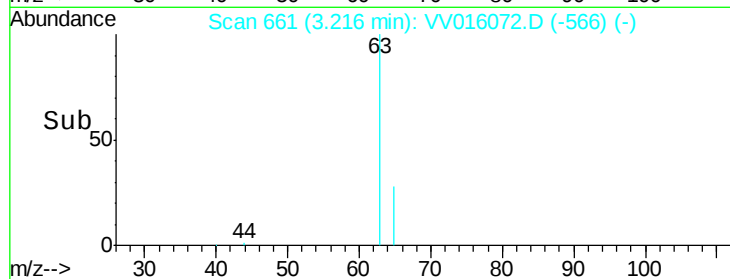
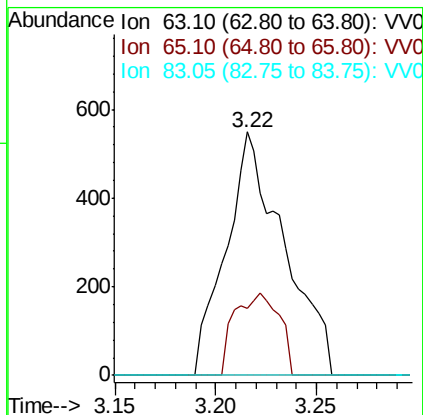
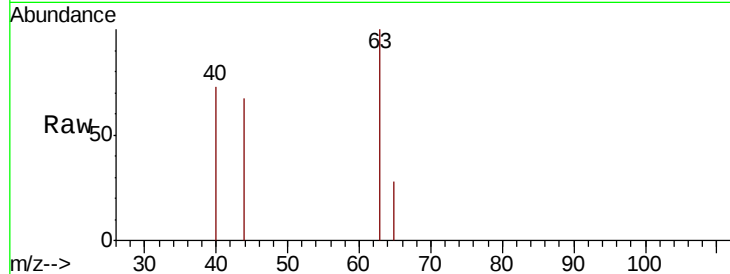




#19
 1,1-Dichloroethane
 Concen: 0.066 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

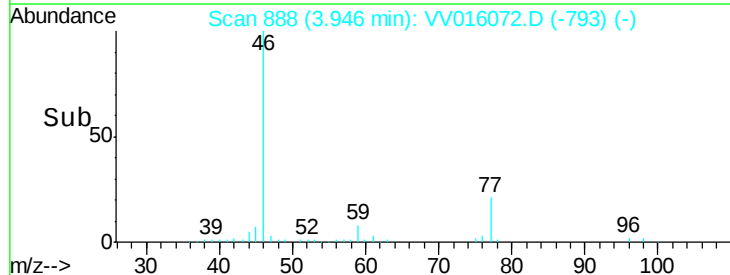
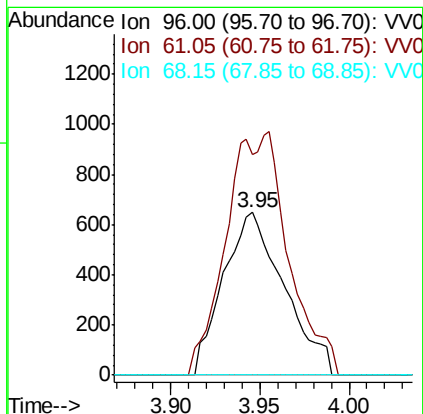
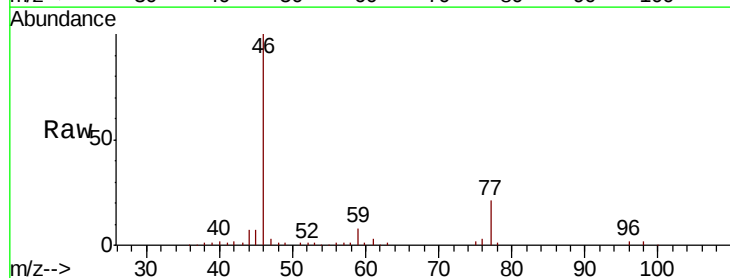
Instrument :
 MSVOA_V
 ClientSampleId :

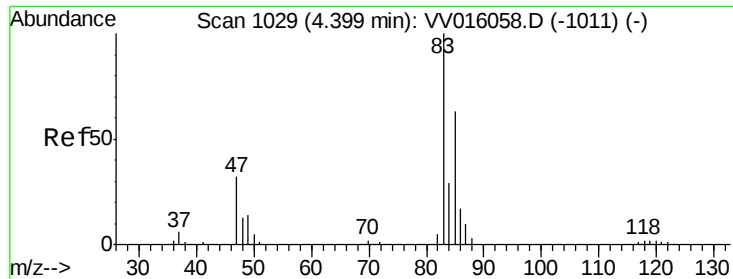
Tot Ion: 63 Resp: 1098
 Ion Ratio Lower Upper
 63 100
 65 27.5 22.0 41.0
 83 0.0 9.8 18.2#



#22
 cis-1,2-Dichloroethene
 Concen: 0.170 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Tgt Ion: 96 Resp: 1540
 Ion Ratio Lower Upper
 96 100
 61 135.7 97.2 180.6
 68 0.0 0.0 0.0

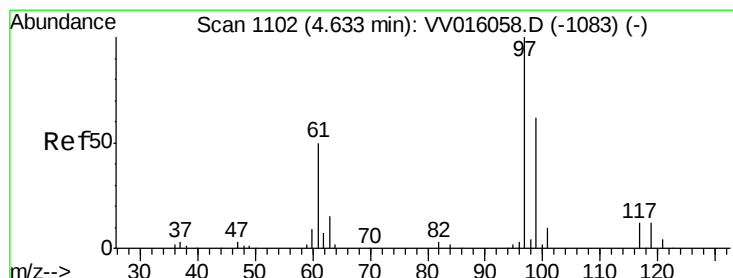
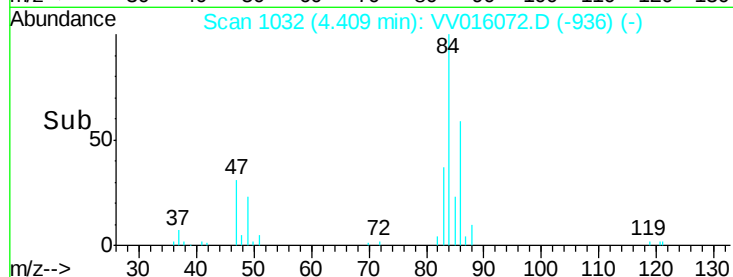
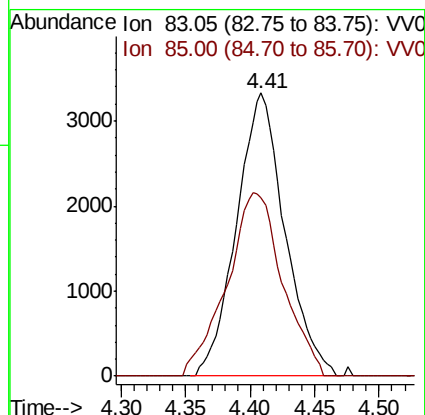
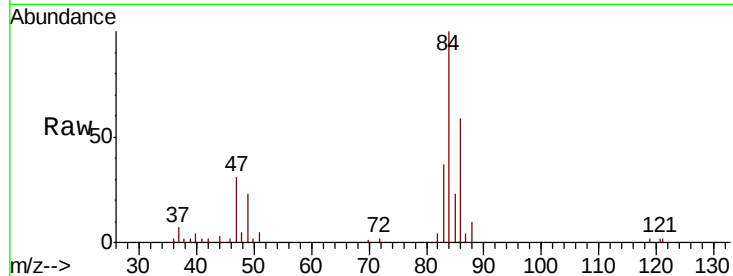




#25
Chloroform
Concen: 0.472 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

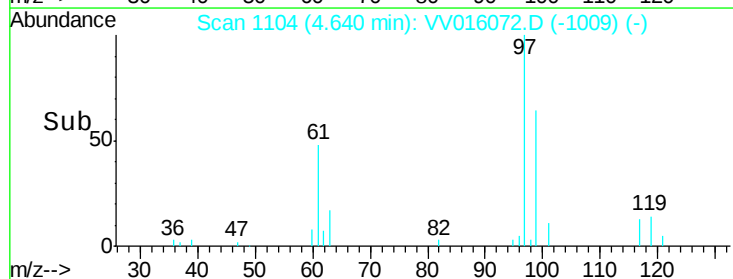
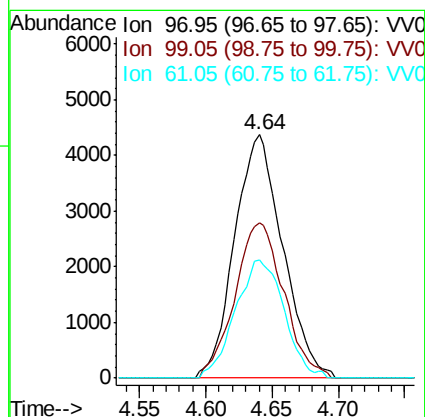
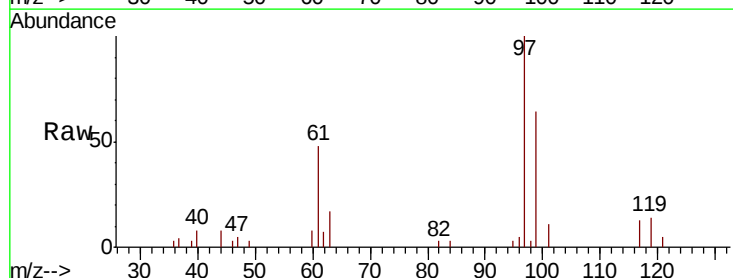
Instrument :
MSVOA_V
ClientSampleId :

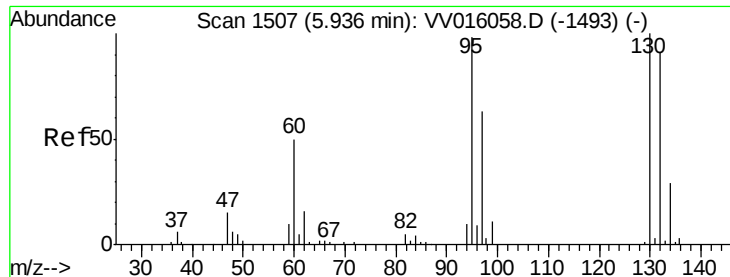
Tot Ion: 83 Resp: 8694
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.691 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Tgt Ion: 97 Resp: 11048
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 49.0 38.8 58.2

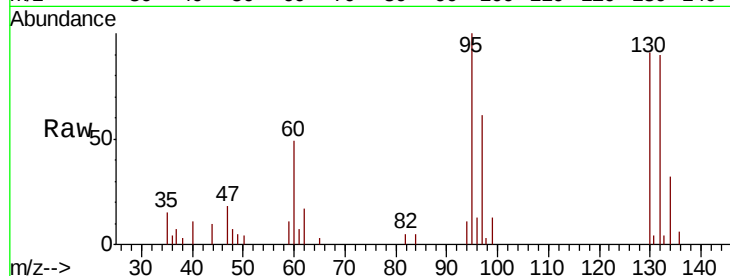




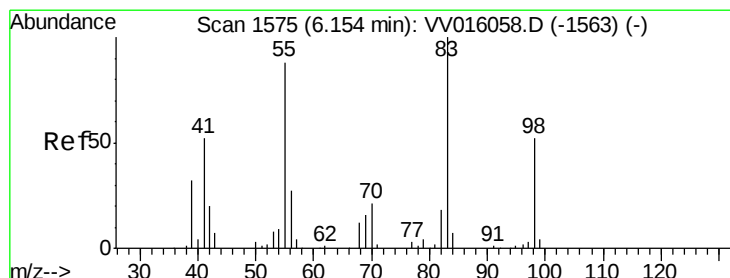
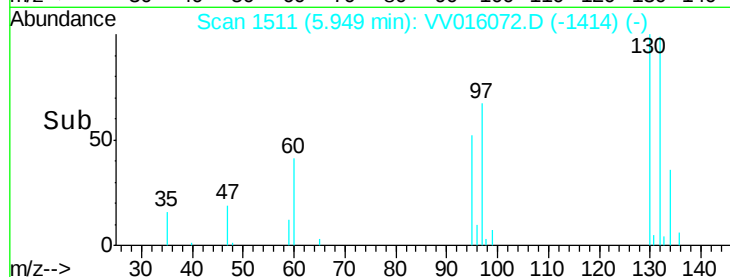
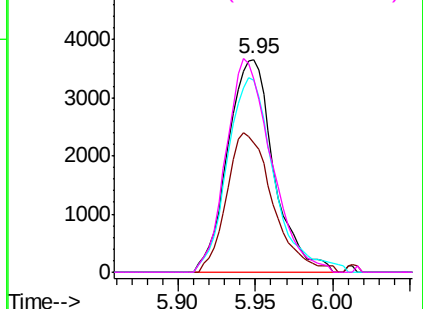
#34
 Trichloroethene
 Concen: 0.728 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 7574
 Ion Ratio Lower Upper
 95 100
 97 60.7 43.3 80.5
 132 90.2 60.3 112.1
 130 90.9 66.0 122.6

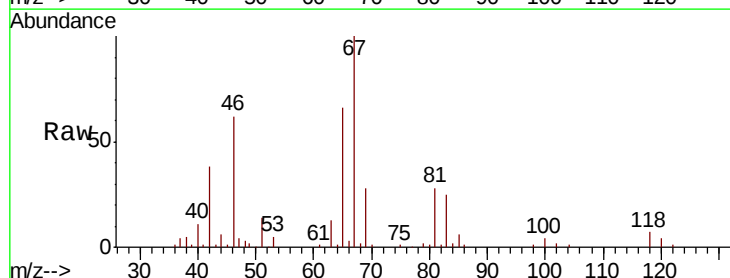


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

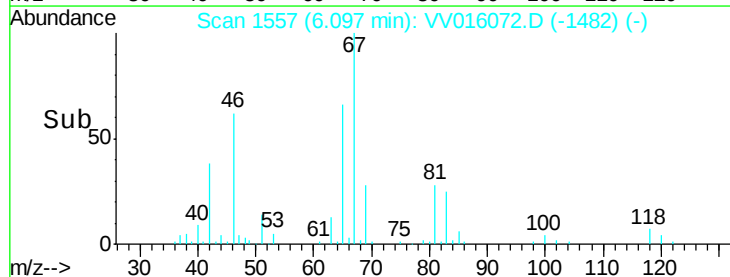
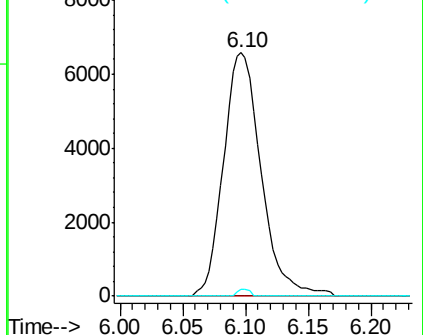


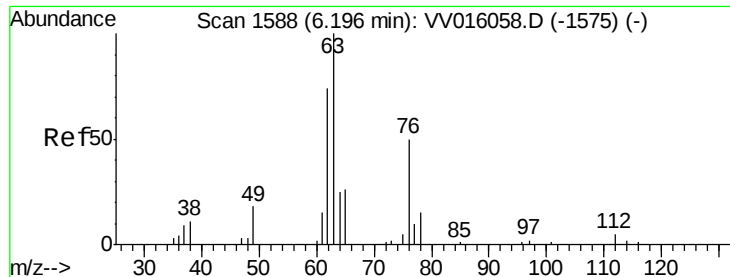
#35
 Methylcyclohexane
 Concen: 0.870 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Tgt Ion: 83 Resp: 13699
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 0.8 37.9 56.9#



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

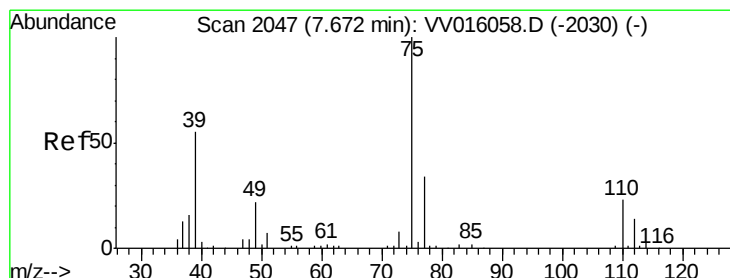
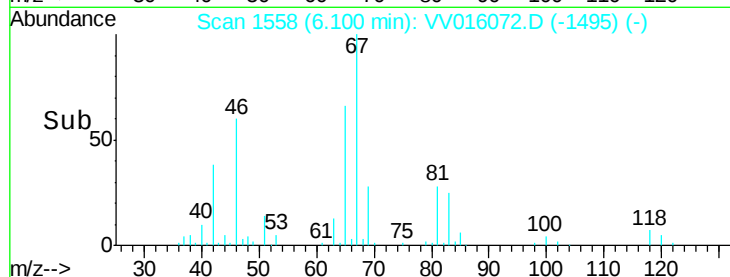
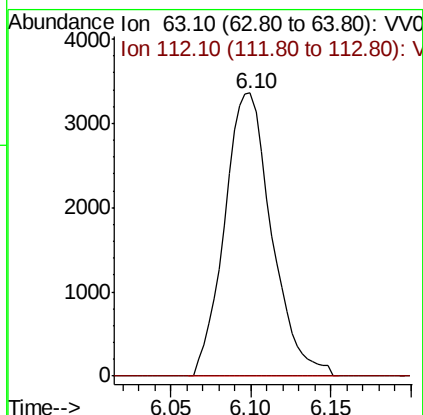
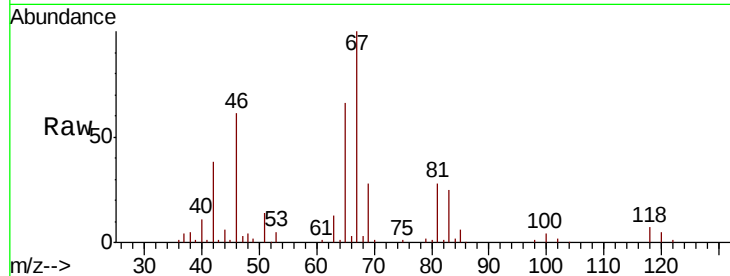




#37
 1,2-Dichloropropane
 Concen: 0.730 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

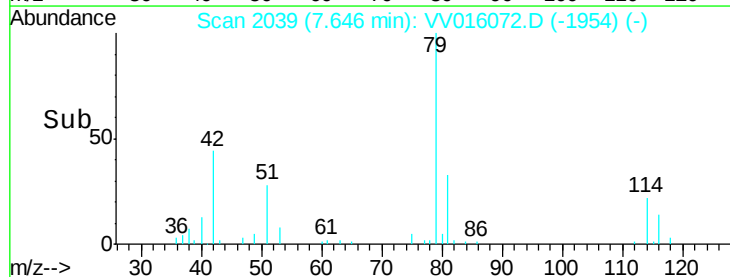
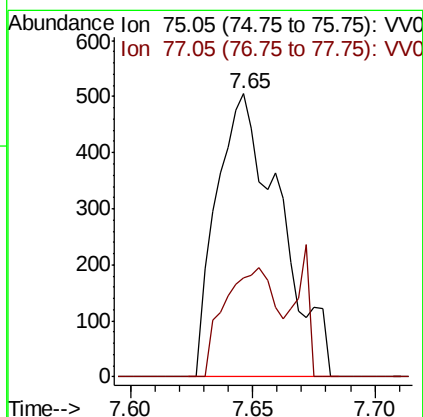
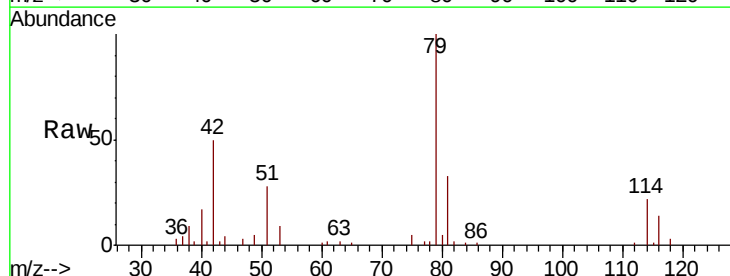
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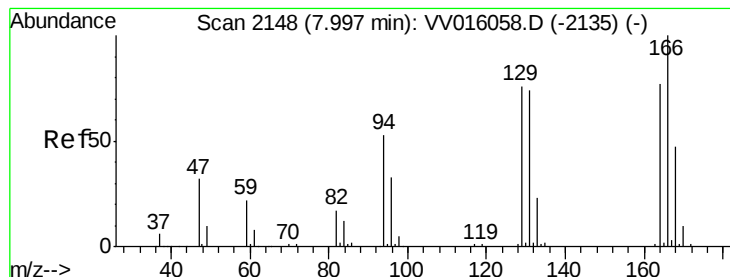
Tot Ion: 63 Resp: 6761
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Tgt Ion: 75 Resp: 913
 Ion Ratio Lower Upper
 75 100
 77 34.9 21.3 39.6





#49

Tetrachloroethene

Concen: 7.683 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016072.D

Acq: 14 May 2020 17:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 55803

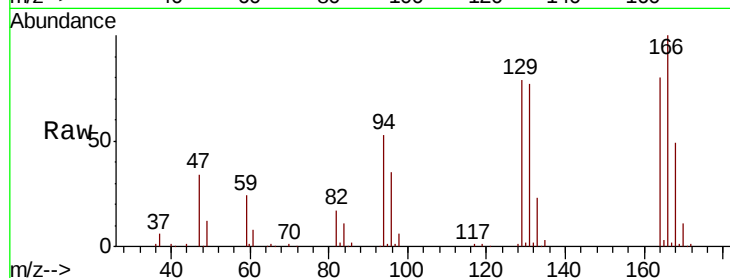
Ion Ratio Lower Upper

164 100

129 98.3 69.7 129.4

131 95.6 66.8 124.2

166 124.8 89.1 165.5

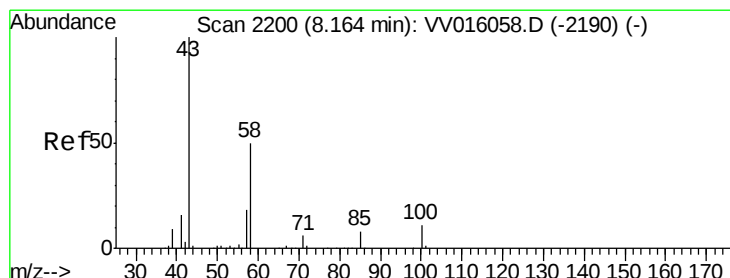
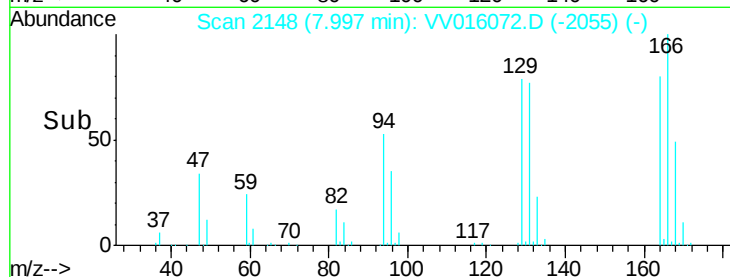
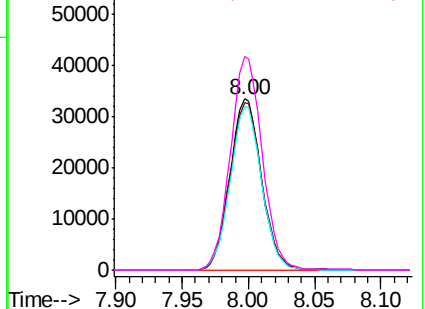


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 3.533 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016072.D

Acq: 14 May 2020 17:21

Tgt Ion: 43 Resp: 14430

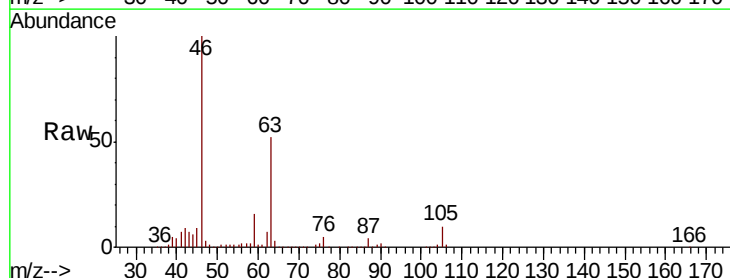
Ion Ratio Lower Upper

43 100

58 34.5 40.8 61.2#

57 22.9 14.7 22.1#

100 0.0 9.0 13.6#

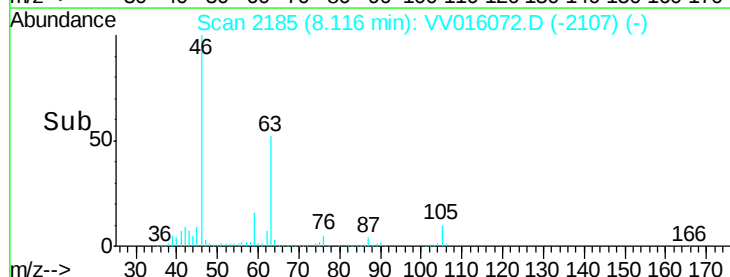
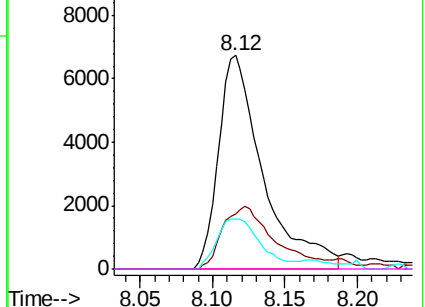


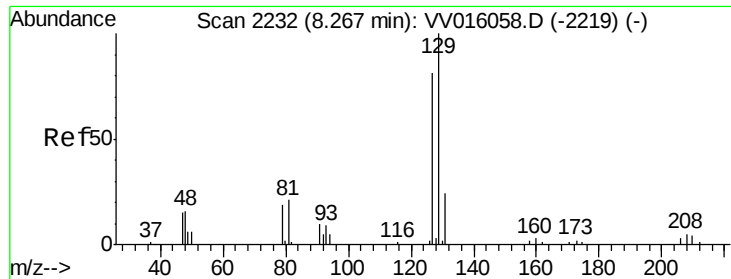
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

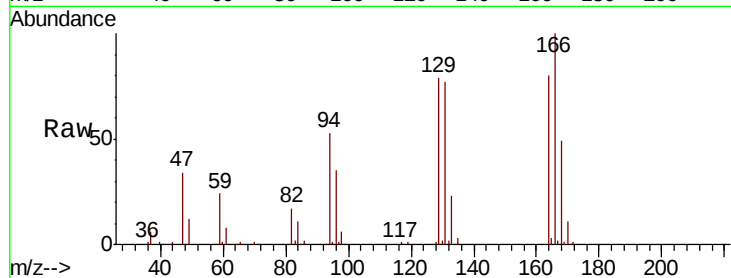




#51
 Dibromochloromethane
 Concen: 7.736 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV016072.D
 Acq: 14 May 2020 17:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 53783
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V

