

Data File : VV008234.D
Acq On : 10 Oct 2018 14:59
Operator : SY/MD
Sample : J5315-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J94

Quant Time: Oct 11 02:01:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21242	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.59	69	18839	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.14	63	31200	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.97	46	78420	60.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.96%
24) Chloroform-d	4.41	84	51614	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	26647	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	96257	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	32122	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	81780	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.67	79	10872	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	48629	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23784	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	35874	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.33	62	1362	0.246	ug/L #	67
8) Chloroethane	1.32	64	738	0.199	ug/L #	22
13) Acetone	2.21	43	3138	3.601	ug/L	98
15) Methyl Acetate	2.39	43	3381	1.634	ug/L #	53
17) Methyl tert-butyl Ether	2.82	73	1230	0.104	ug/L #	78
22) cis-1,2-Dichloroethene	3.97	96	10264	1.767	ug/L	100
25) Chloroform	4.44	83	849	0.080	ug/L	97
34) Trichloroethene	5.96	95	2392	0.383	ug/L	95
35) Methylcyclohexane	6.12	83	7579	0.868	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3548	0.614	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	620	0.084	ug/L #	48
44) trans-1,3-Dichloropropene	7.67	75	492	0.082	ug/L #	63
47) Tetrachloroethene	8.02	164	5039	0.903	ug/L	94
48) 2-Hexanone	8.19	43	4840	2.177	ug/L #	93
49) Dibromochloromethane	8.02	129	4011	0.793	ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

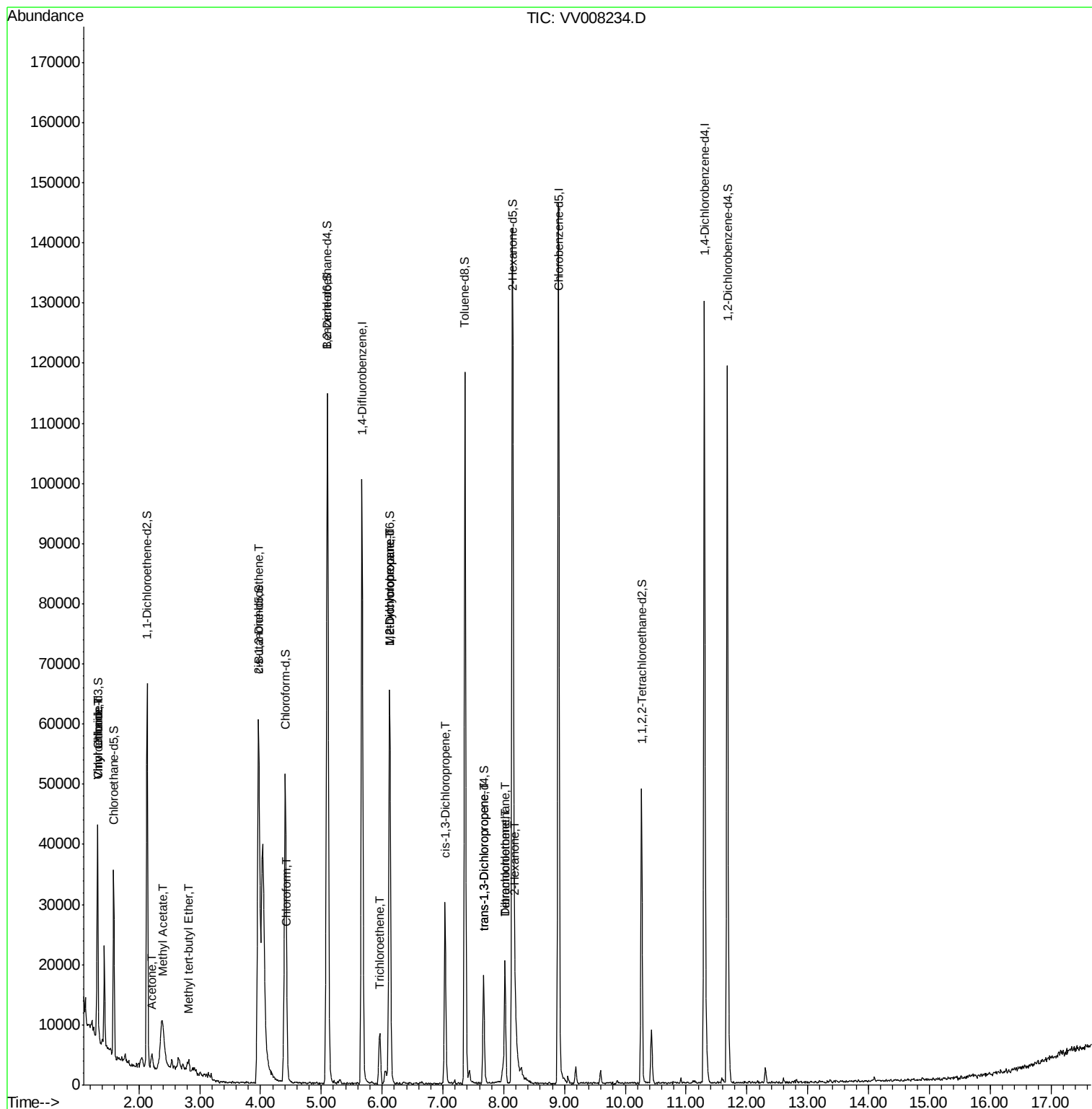
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

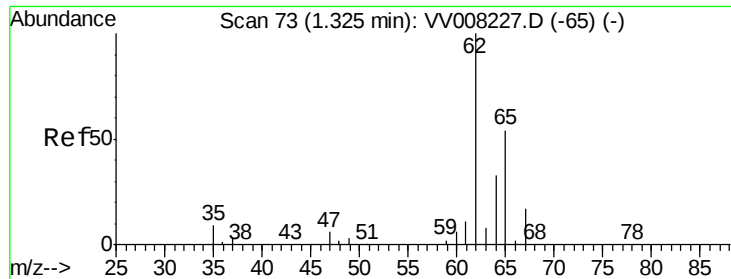
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.246 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008234.D

Acq: 10 Oct 2018 14:59

Instrument :

MSVOA_V

ClientSampled :

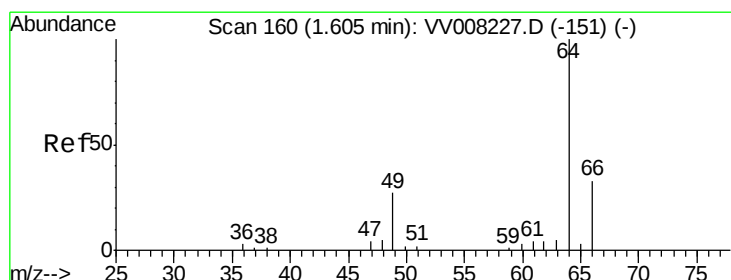
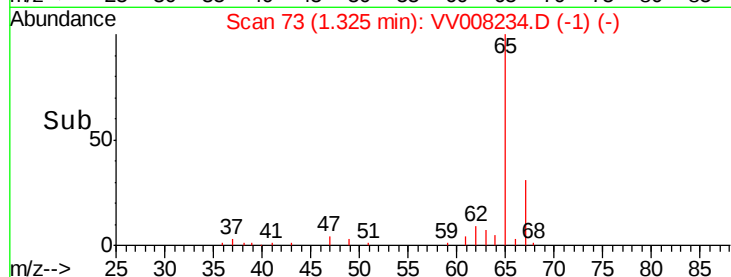
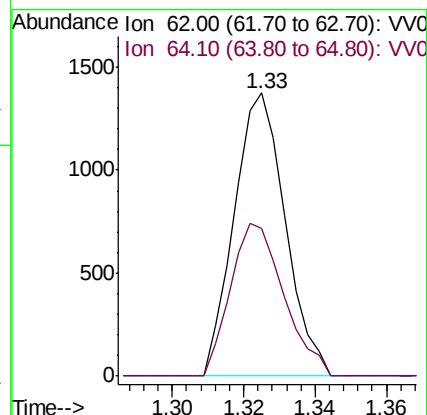
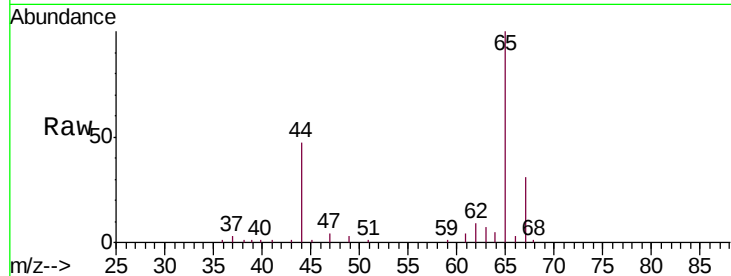
C0J94

Tgt Ion: 62 Resp: 1362

Ion Ratio Lower Upper

62 100

64 52.0 23.4 43.4#



#8

Chloroethane

Concen: 0.199 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008234.D

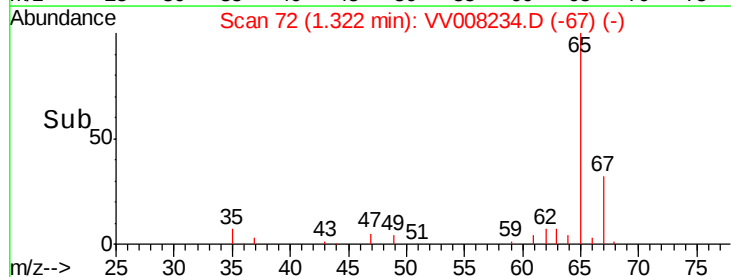
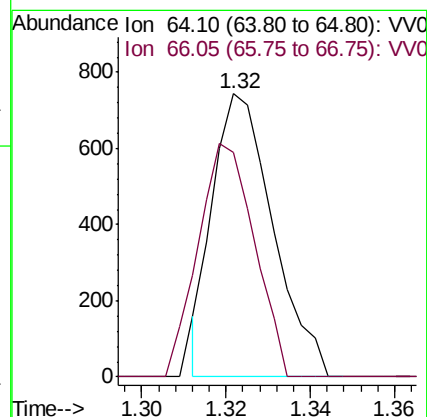
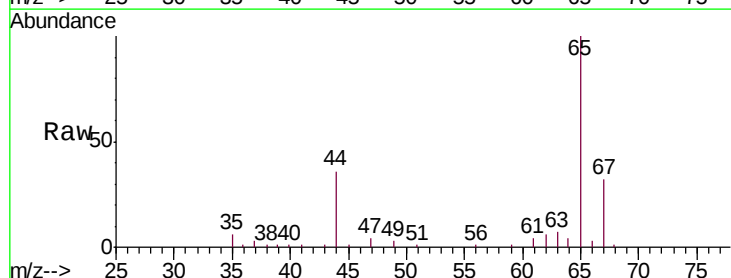
Acq: 10 Oct 2018 14:59

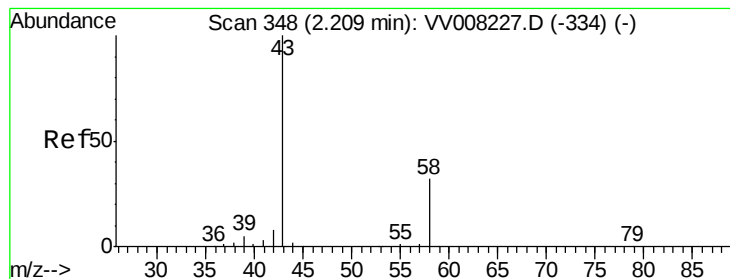
Tgt Ion: 64 Resp: 738

Ion Ratio Lower Upper

64 100

66 79.4 24.1 44.8#





#13

Acetone

Concen: 3.601 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV008234.D

Acq: 10 Oct 2018 14:59

Instrument :

MSVOA_V

ClientSampled :

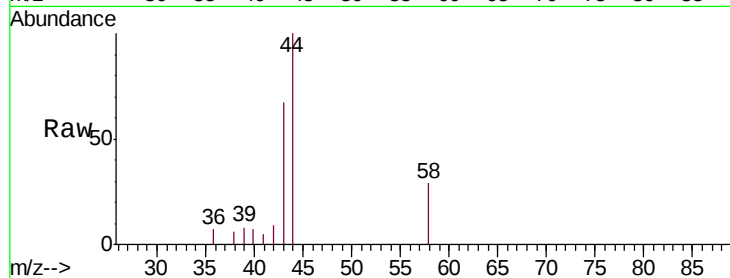
C0J94

Tgt Ion: 43 Resp: 3138

Ion Ratio Lower Upper

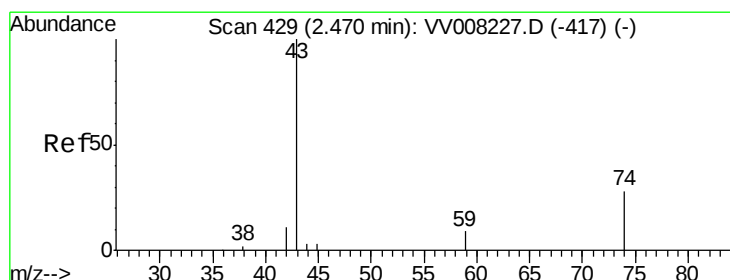
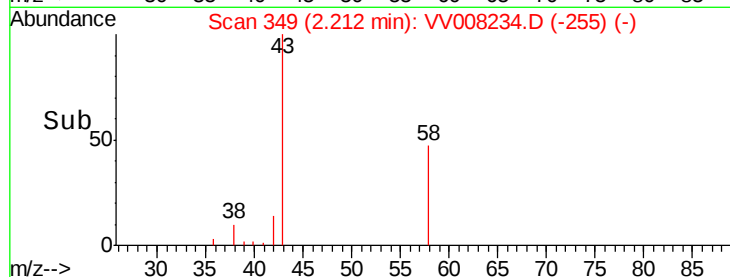
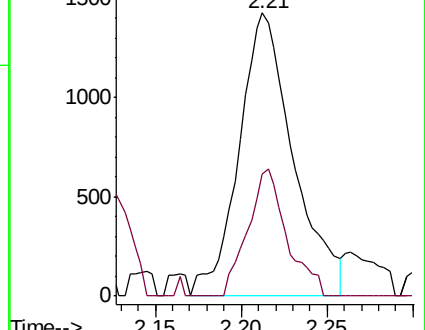
43 100

58 32.1 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008227.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV008227.D (-334) (-)



#15

Methyl Acetate

Concen: 1.634 ug/L

RT: 2.39 min Scan# 403

Delta R.T. -0.08 min

Lab File: VV008234.D

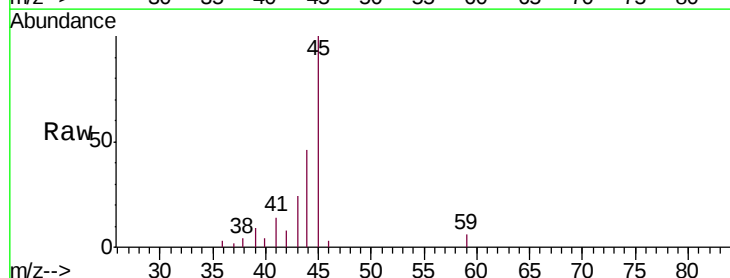
Acq: 10 Oct 2018 14:59

Tgt Ion: 43 Resp: 3381

Ion Ratio Lower Upper

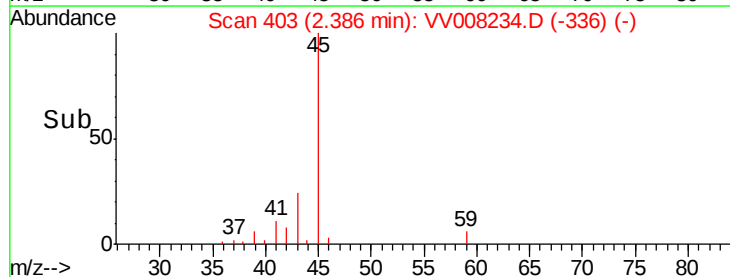
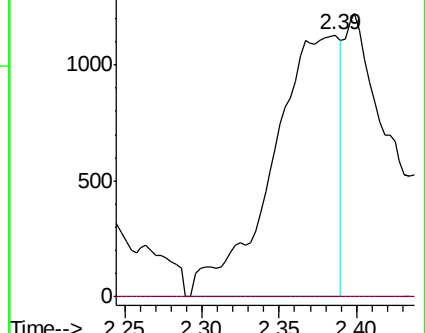
43 100

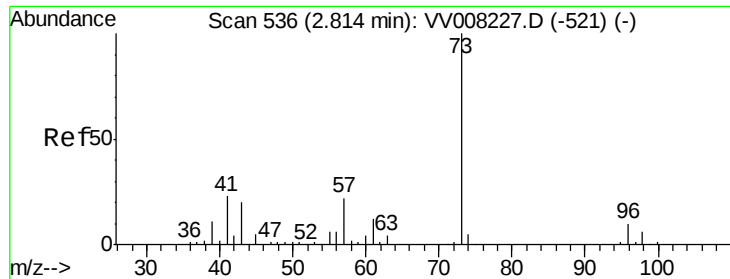
74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008227.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV008227.D (-417) (-)

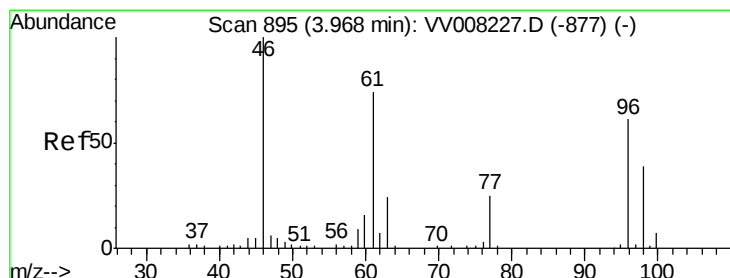
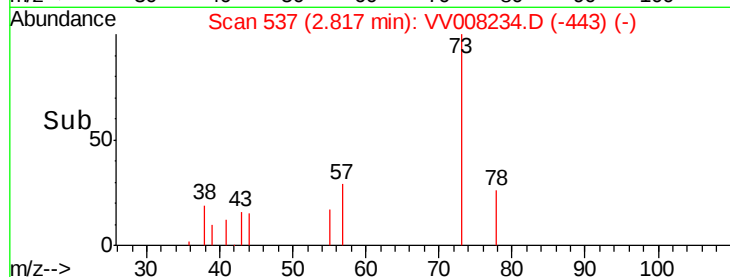
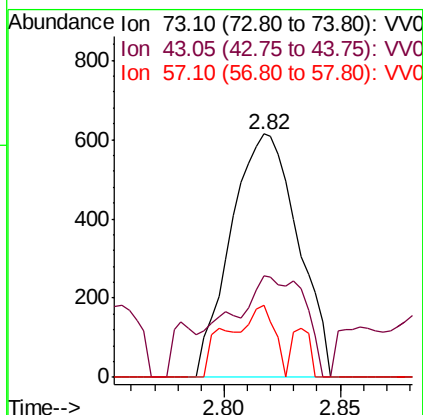
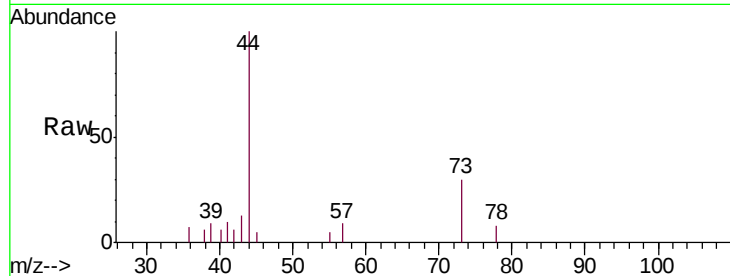




#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

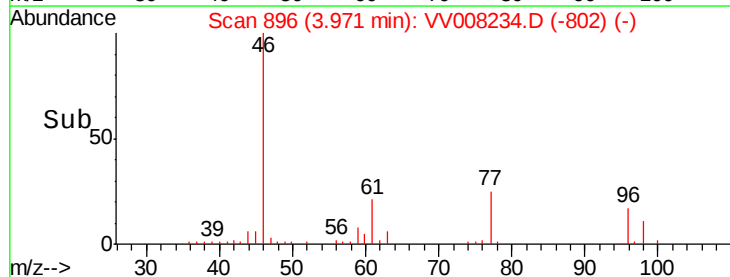
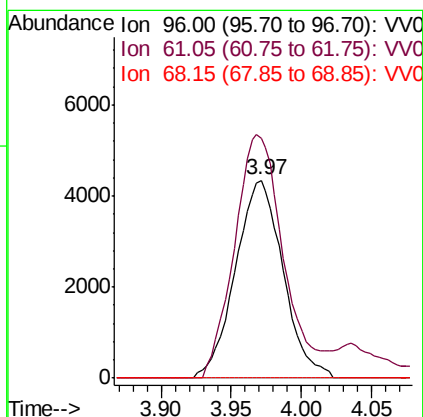
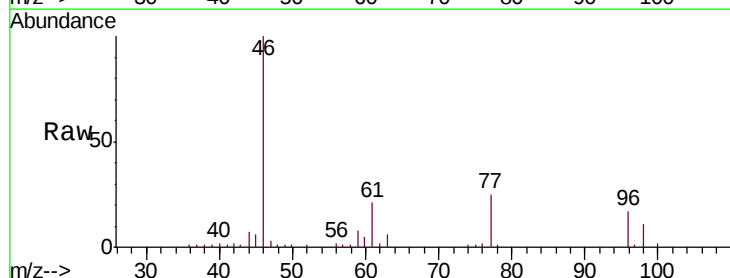
Instrument :
MSVOA_V
ClientSampleId :
C0J94

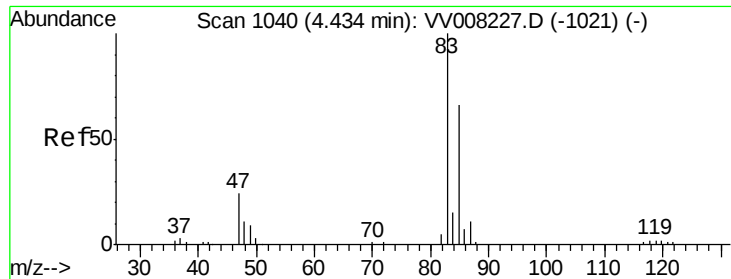
Tgt Ion: 73 Resp: 1230
Ion Ratio Lower Upper
73 100
43 33.2 17.0 25.4#
57 13.3 17.3 25.9#



#22
cis-1,2-Dichloroethene
Concen: 1.767 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Tgt Ion: 96 Resp: 10264
Ion Ratio Lower Upper
96 100
61 121.2 85.1 158.1
68 0.0 0.0 0.0

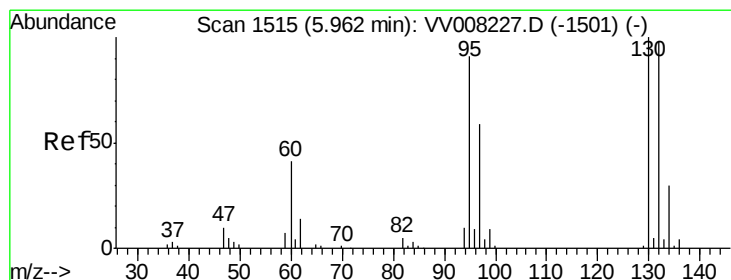
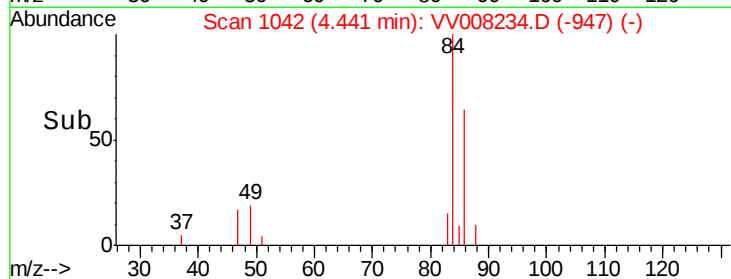
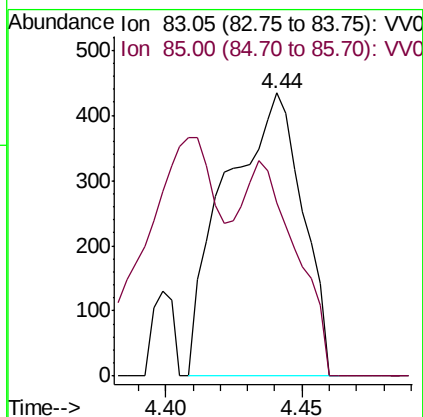
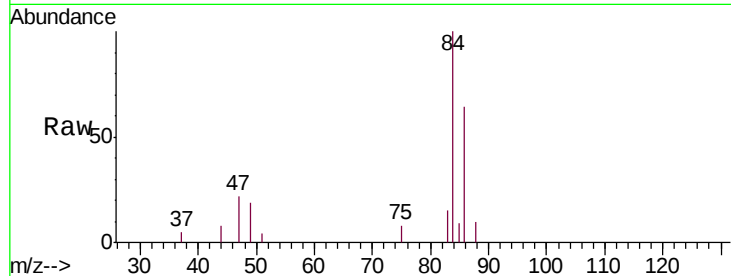




#25
Chloroform
Concen: 0.080 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

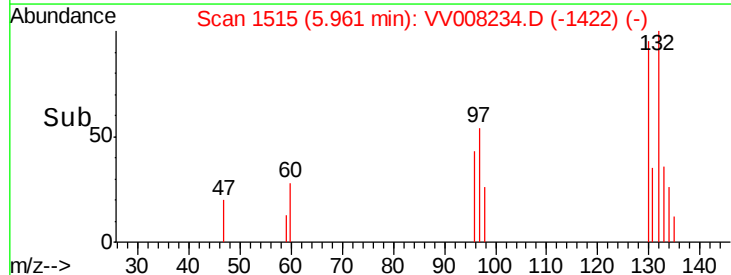
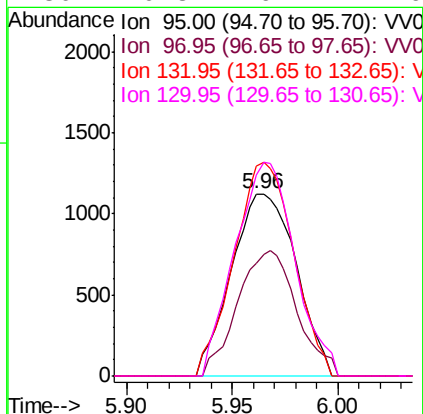
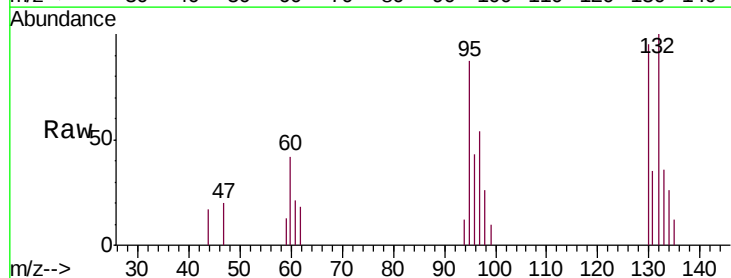
Instrument :
MSVOA_V
ClientSampled :
C0J94

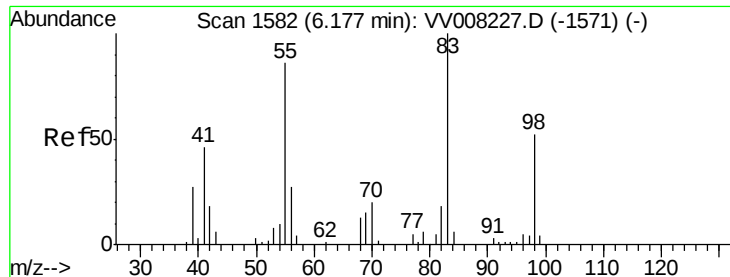
Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
85 61.3 44.6 82.8



#34
Trichloroethene
Concen: 0.383 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Tgt Ion: 95 Resp: 2392
Ion Ratio Lower Upper
95 100
97 62.1 44.9 83.5
132 115.6 73.6 136.6
130 110.3 76.2 141.6

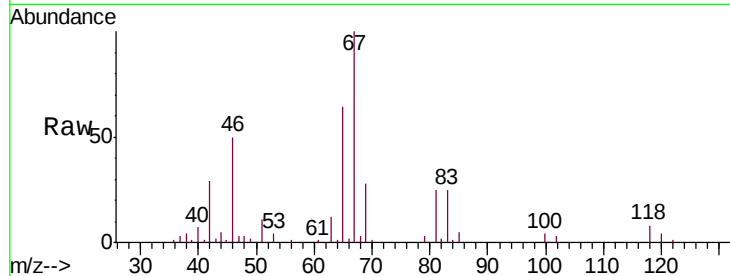




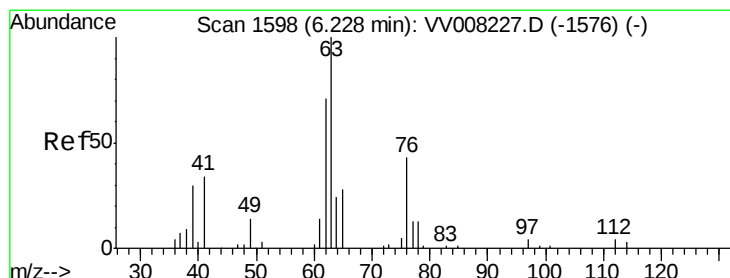
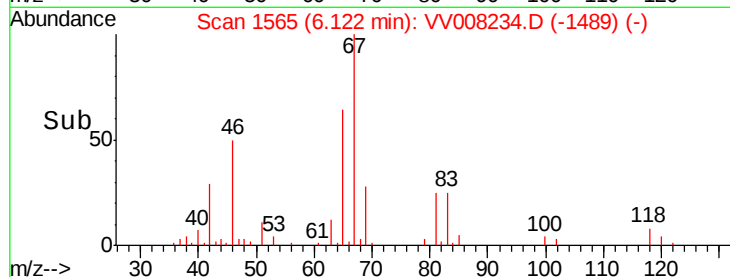
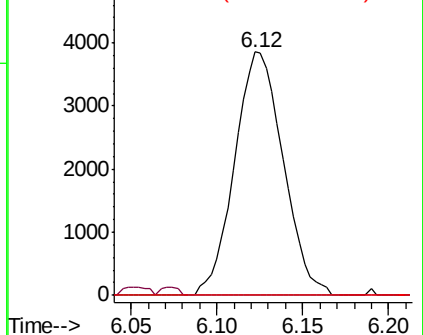
#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0J94

Tgt Ion: 83 Resp: 7579
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 0.0 38.3 57.5#

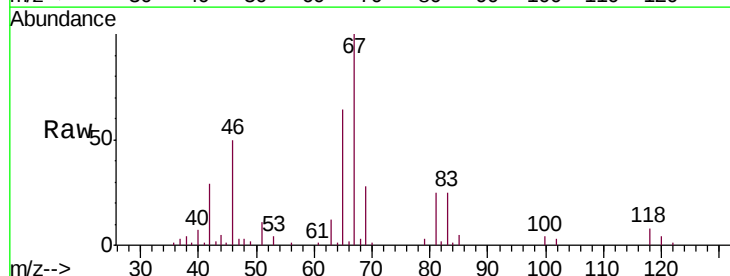


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

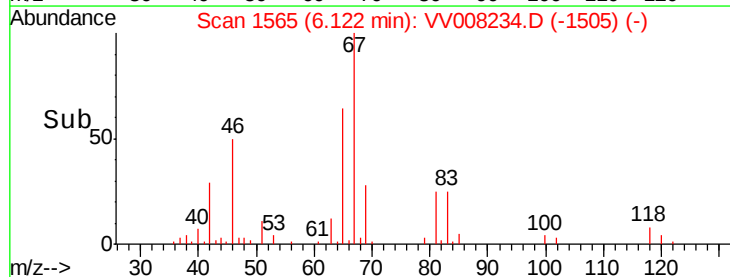
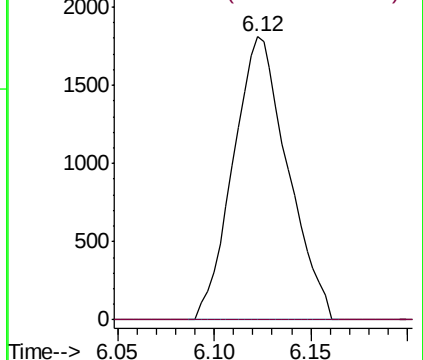


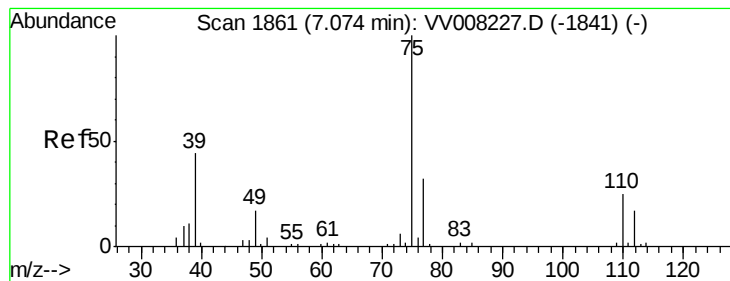
#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Tgt Ion: 63 Resp: 3548
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



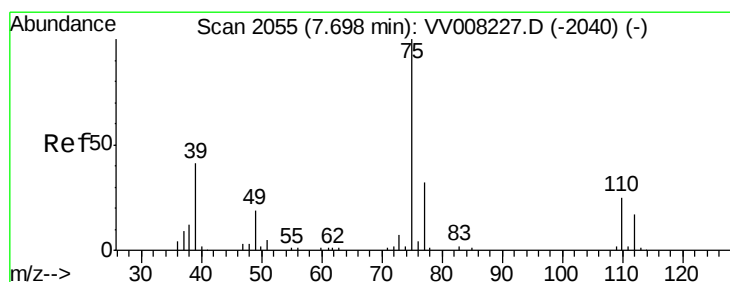
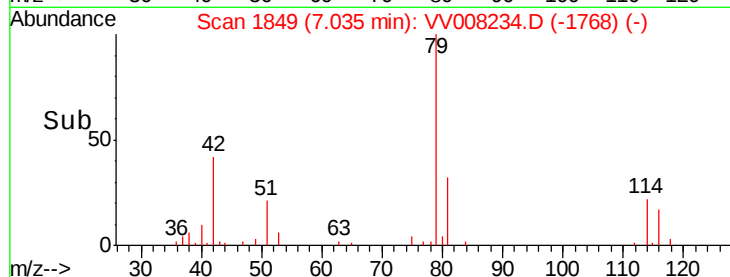
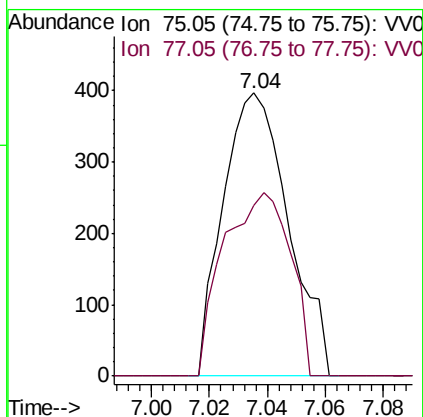
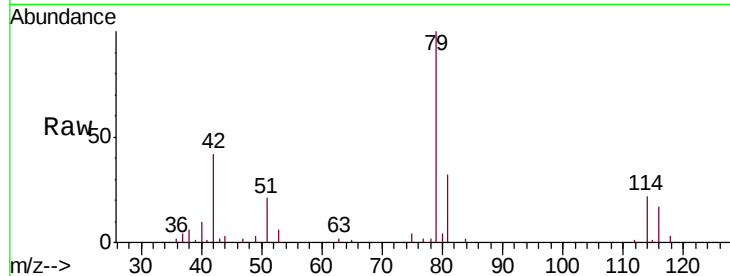


#39

cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0J94

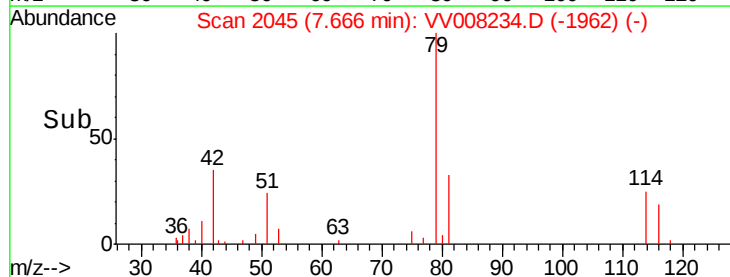
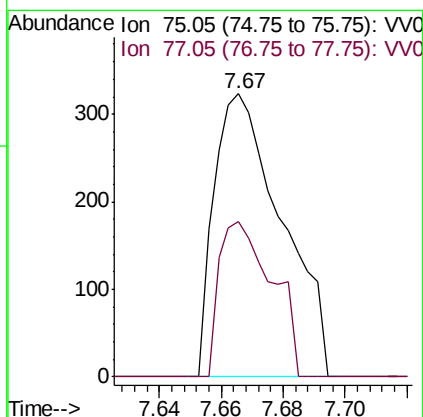
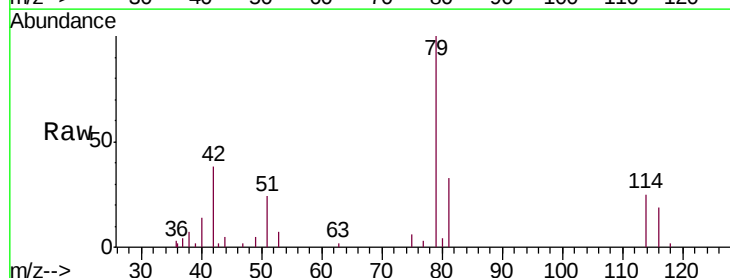
Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 60.5 22.1 41.1#

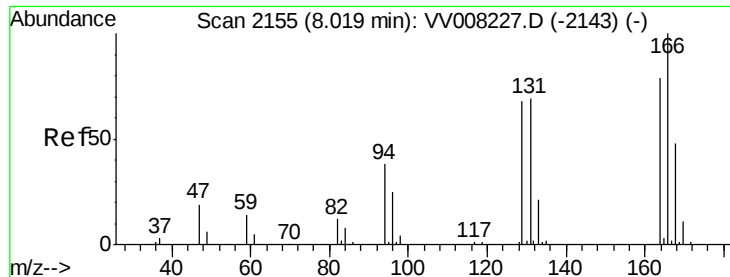


#44

trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008234.D
Acq: 10 Oct 2018 14:59

Tgt Ion: 75 Resp: 492
Ion Ratio Lower Upper
75 100
77 54.8 23.4 43.6#





#47

Tetrachloroethene

Concen: 0.903 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008234.D

Acq: 10 Oct 2018 14:59

Instrument :

MSVOA_V

ClientSampleId :

C0J94

Tgt Ion:164 Resp: 5039

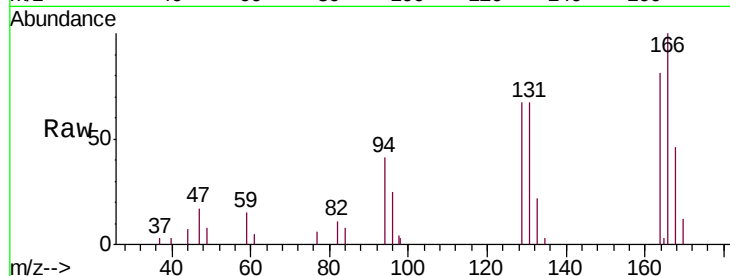
Ion Ratio Lower Upper

164 100

129 82.9 62.2 115.4

131 82.9 60.5 112.5

166 124.2 92.1 171.1

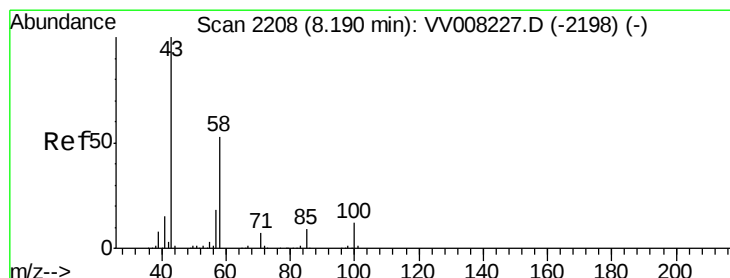
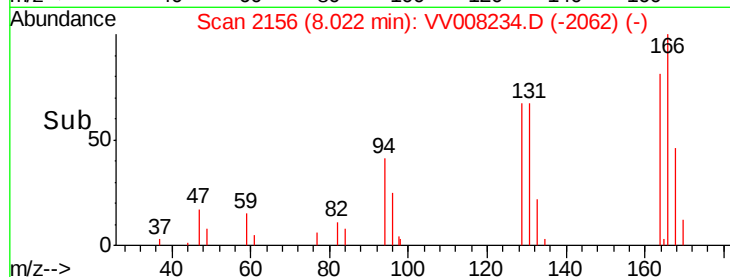
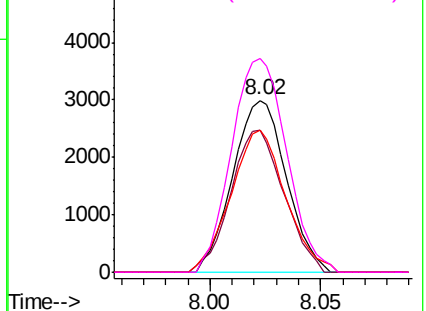


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.177 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV008234.D

Acq: 10 Oct 2018 14:59

Tgt Ion: 43 Resp: 4840

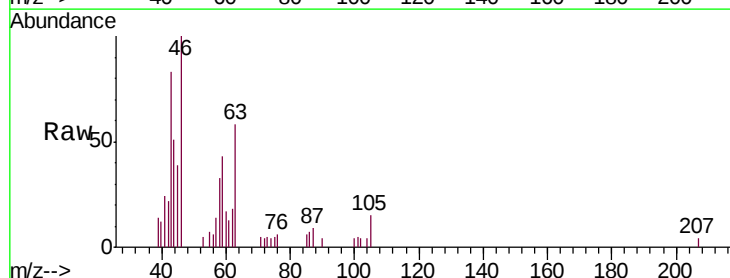
Ion Ratio Lower Upper

43 100

58 46.4 40.5 60.7

57 16.3 14.6 22.0

100 4.7 9.3 13.9#

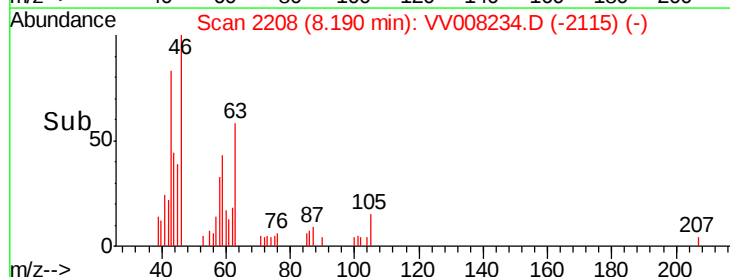
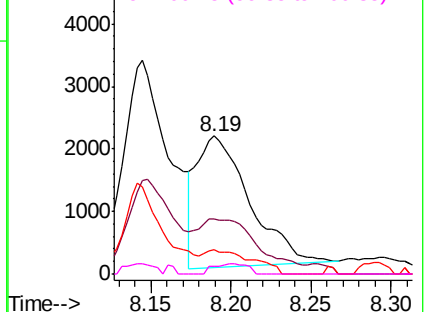


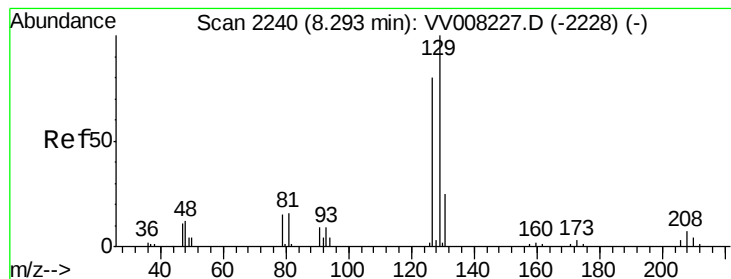
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 0.793 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008234.D

Acq: 10 Oct 2018 14:59

Instrument :

MSVOA_V

ClientSampleId :

C0J94

Tgt Ion:129 Resp: 4011

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#

