

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007508.D
 Acq On : 13 Sep 2018 06:25
 Operator : SY/MD
 Sample : J4872-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP7

Quant Time: Sep 13 07:20:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119794	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33371	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	26403	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	55435	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.97	46	63655	46.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	4.41	84	63499	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	33593	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	124772	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.13	67	36956	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	126455	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.67	79	16415	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	36743	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25050	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	50366	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	684	0.112 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	711	0.101 ug/L #	20
12) 1,1-Dichloroethene	2.14	96	2827	0.457 ug/L #	1
13) Acetone	2.20	43	2323	2.883 ug/L	65
21) 2-Butanone	4.05	43	3831	2.925 ug/L #	54
22) cis-1,2-Dichloroethene	3.97	96	1601	0.247 ug/L #	85
25) Chloroform	4.43	83	2663	0.239 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	967	0.088 ug/L #	53
34) Trichloroethene	5.96	95	3906	0.559 ug/L	95
35) Methylcyclohexane	6.13	83	9956	0.919 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	4675	0.797 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1334	0.141 ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	794	0.100 ug/L #	57
48) 2-Hexanone	8.19	43	7899	3.248 ug/L #	81
69) Naphthalene	13.57	128	1119	0.089 ug/L #	71

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration

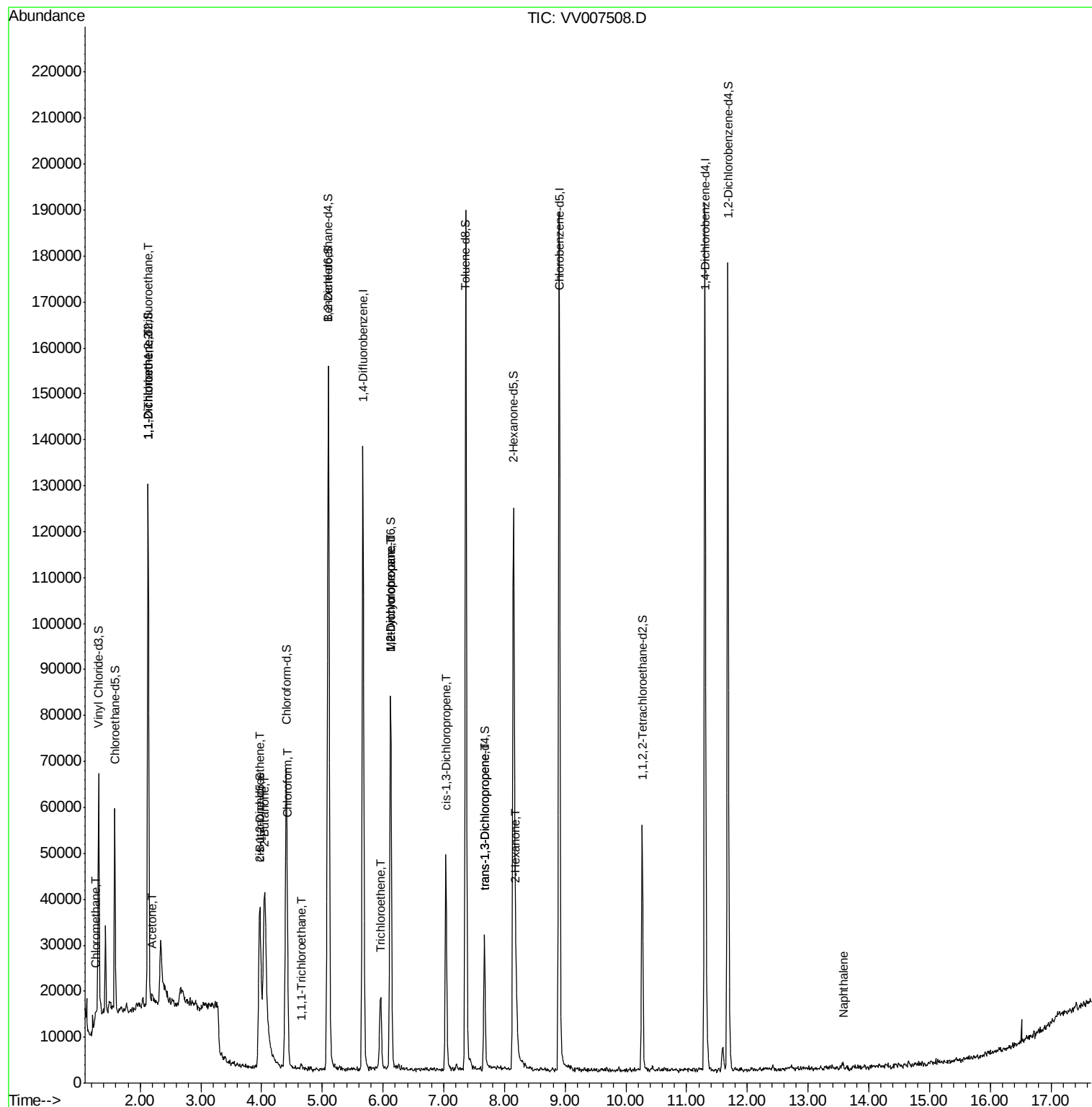
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

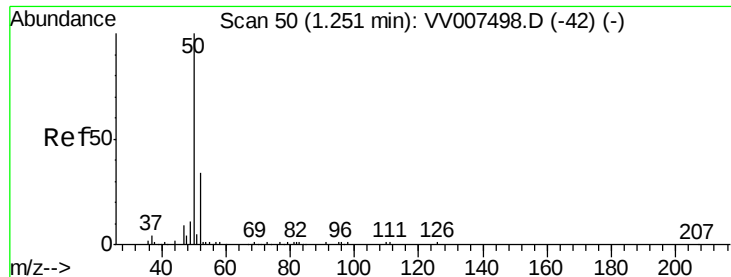
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampleId :

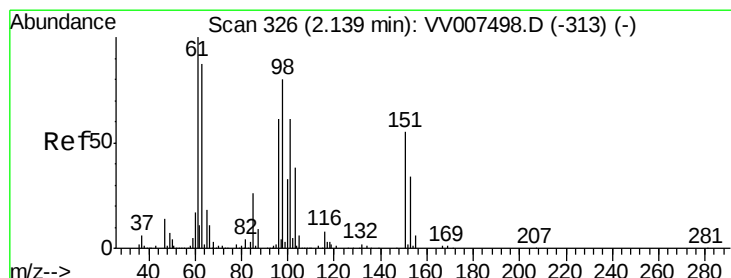
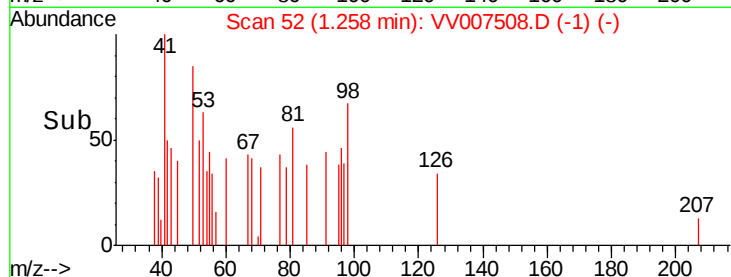
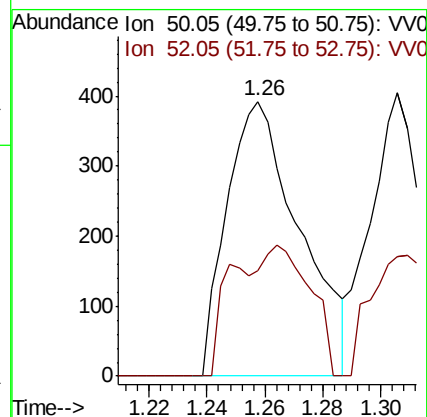
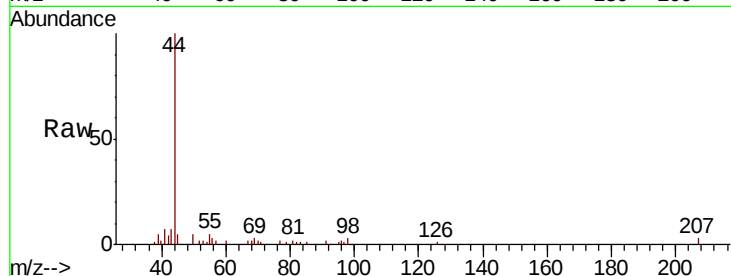
C0KP7

Tgt Ion: 50 Resp: 684

Ion Ratio Lower Upper

50 100

52 38.5 23.1 42.9



#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

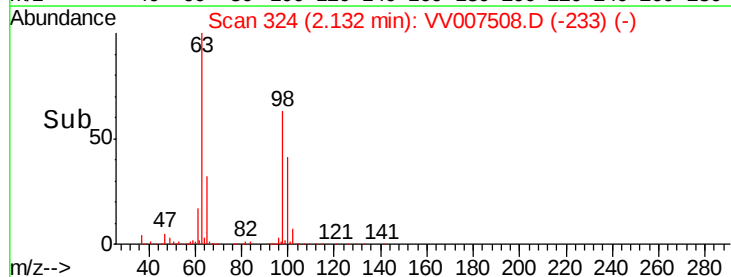
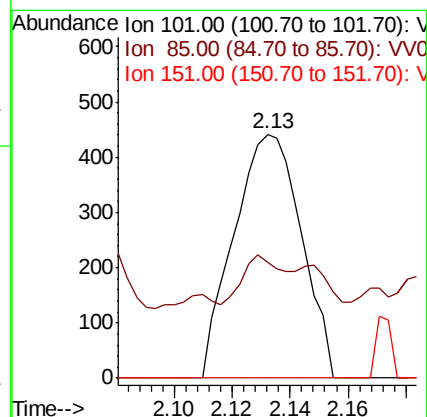
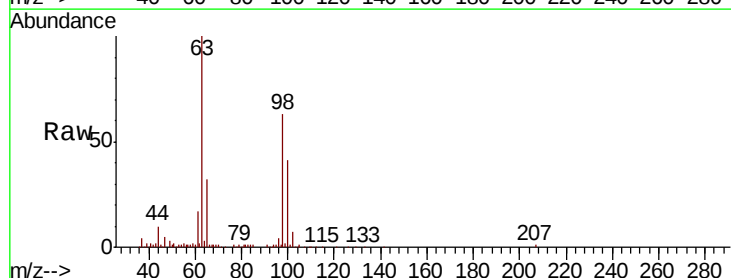
Tgt Ion: 101 Resp: 711

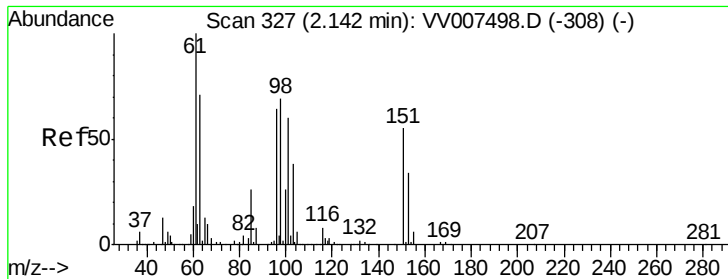
Ion Ratio Lower Upper

101 100

85 11.3 34.5 51.7#

151 0.0 71.4 107.0#





#12

1,1-Dichloroethene

Concen: 0.457 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampled :

C0KP7

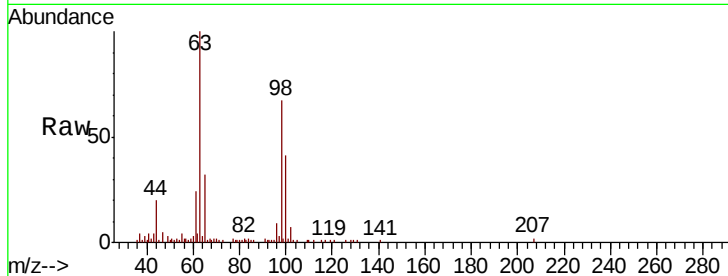
Tgt Ion: 96 Resp: 2827

Ion Ratio Lower Upper

96 100

61 254.6 108.0 200.6#

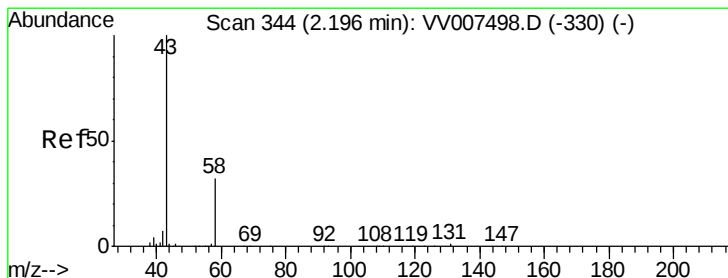
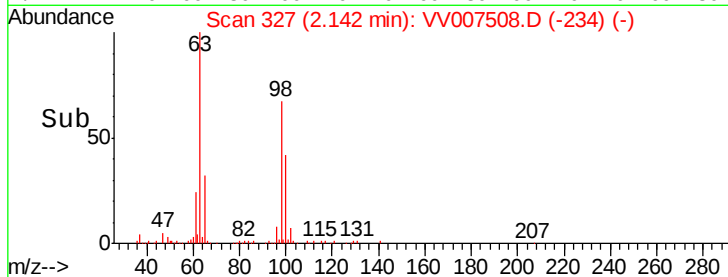
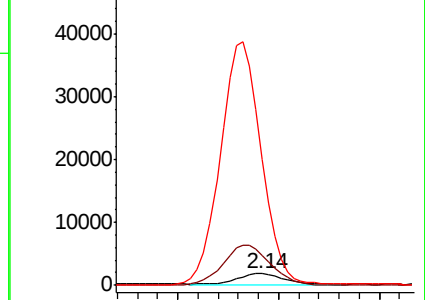
63 1075.2 85.7 159.1#



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: 2.883 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV007508.D

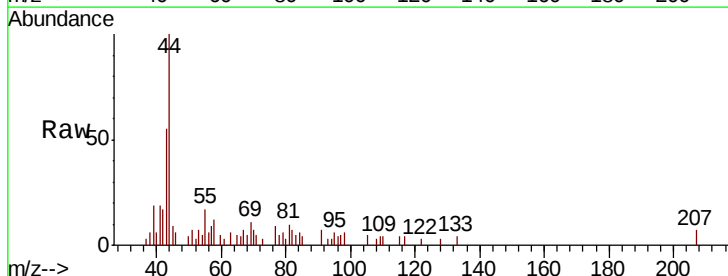
Acq: 13 Sep 2018 06:25

Tgt Ion: 43 Resp: 2323

Ion Ratio Lower Upper

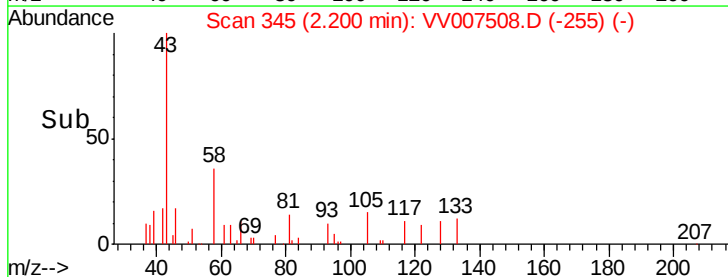
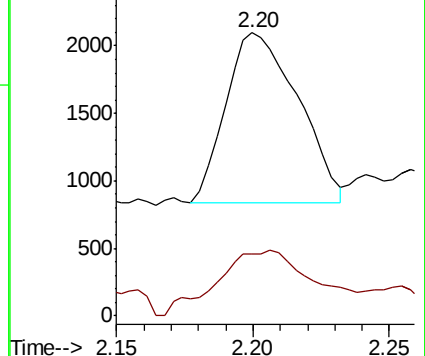
43 100

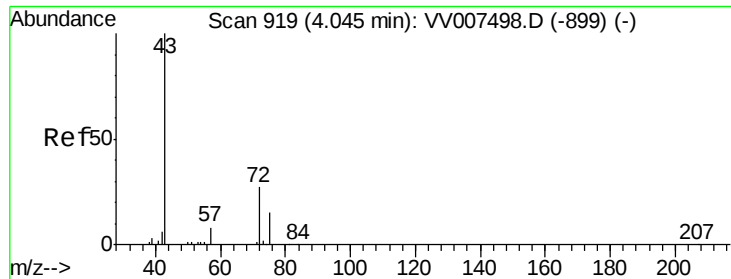
58 52.3 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 2.925 ug/L

RT: 4.05 min Scan# 919

Delta R.T. -0.01 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampled :

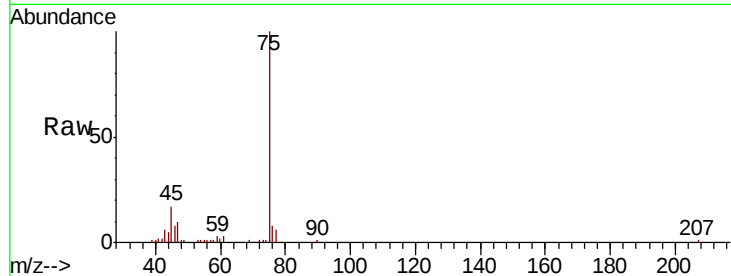
C0KP7

Tgt Ion: 43 Resp: 3831

Ion Ratio Lower Upper

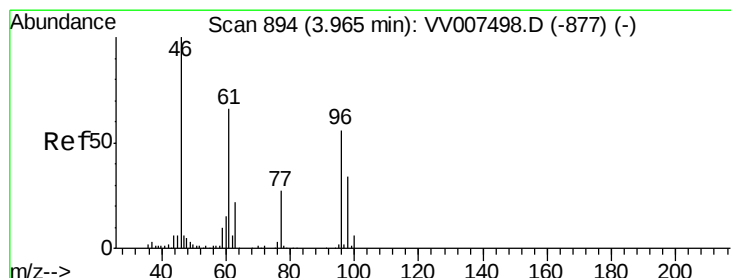
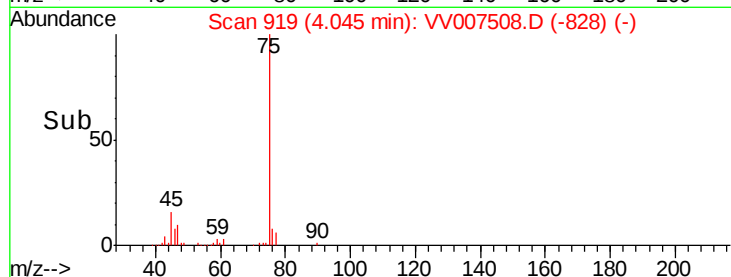
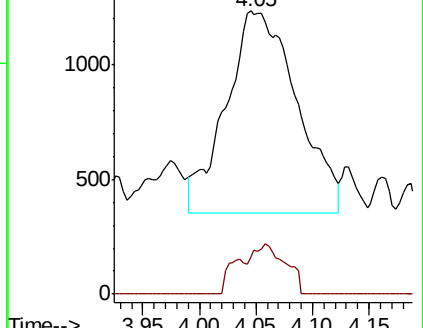
43 100

72 4.8 14.8 44.4#



Abundance Ion 43.05 (42.75 to 43.75): VV007498.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV007498.D (-899) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

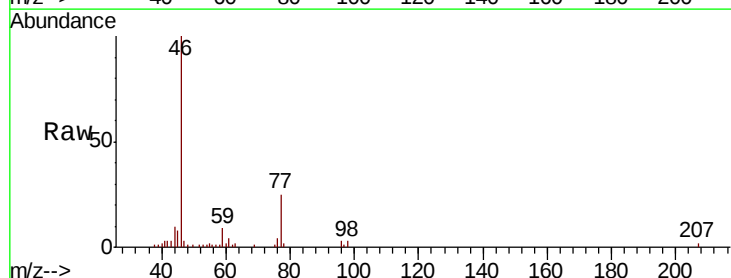
Tgt Ion: 96 Resp: 1601

Ion Ratio Lower Upper

96 100

61 101.8 82.6 153.4

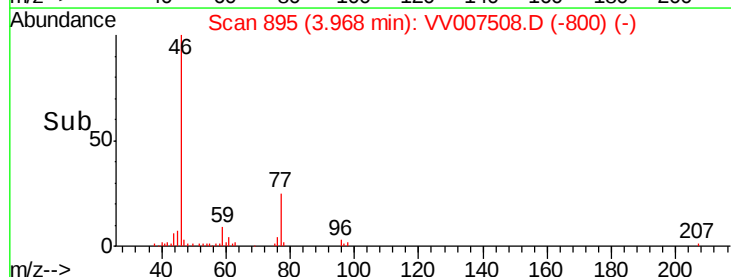
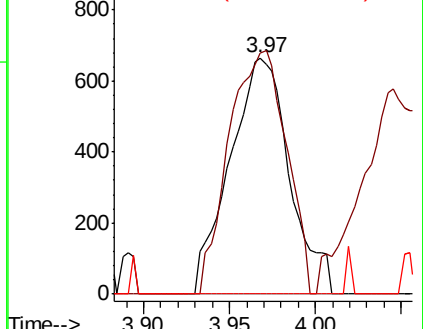
68 0.0 1.2 2.2#

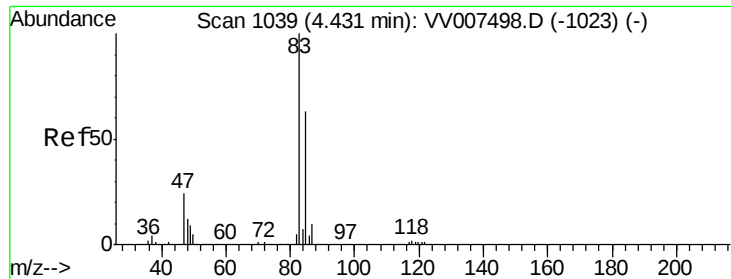


Abundance Ion 96.00 (95.70 to 96.70): VV007498.D (-877) (-)

Ion 61.05 (60.75 to 61.75): VV007498.D (-877) (-)

Ion 68.15 (67.85 to 68.85): VV007498.D (-877) (-)

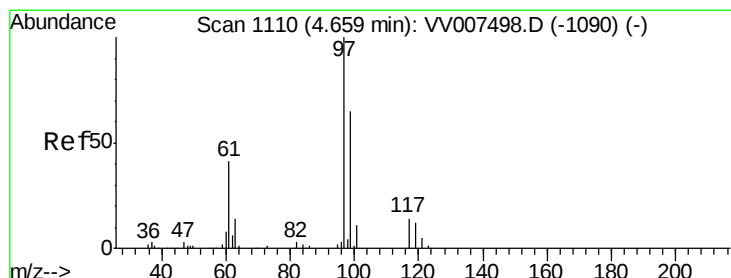
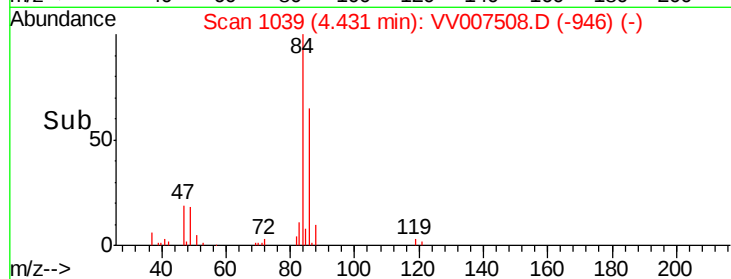
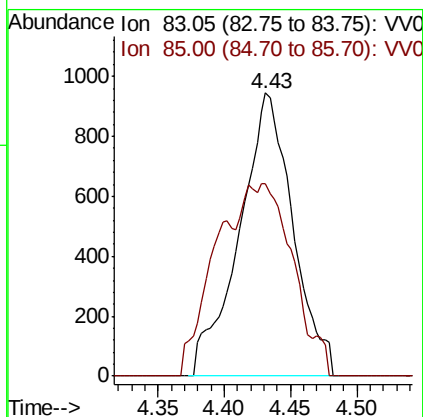
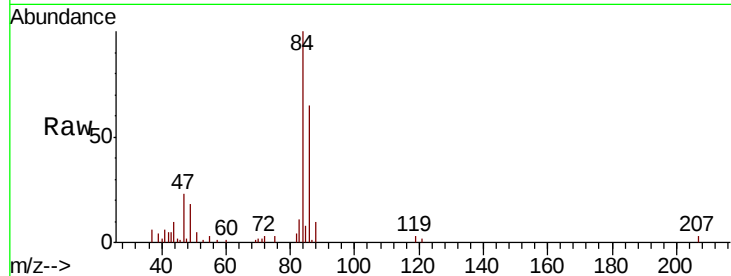




#25
Chloroform
Concen: 0.239 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007508.D
Acq: 13 Sep 2018 06:25

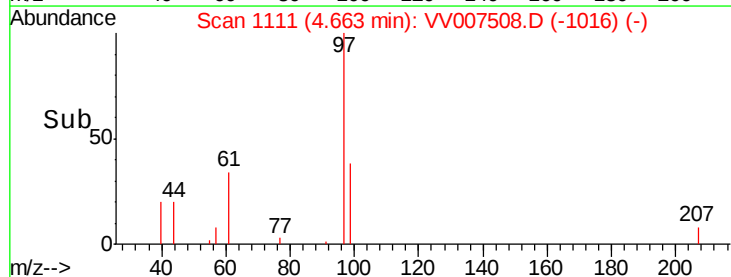
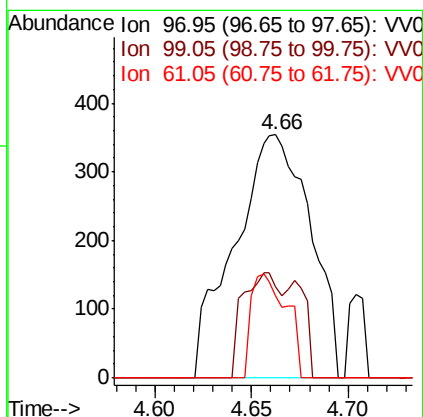
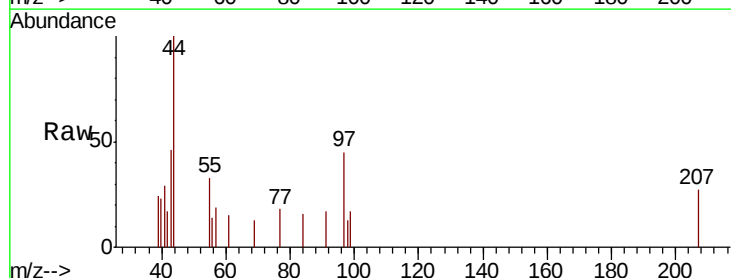
Instrument :
MSVOA_V
ClientSampled :
C0KP7

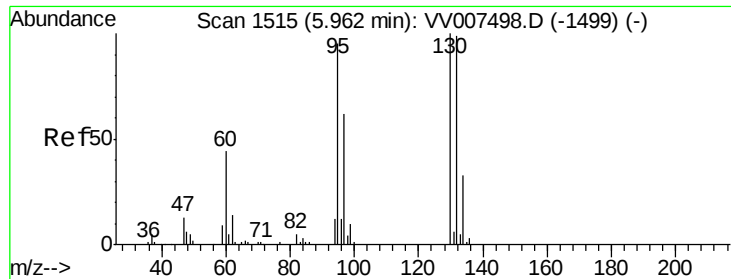
Tgt Ion: 83 Resp: 2663
Ion Ratio Lower Upper
83 100
85 68.0 46.6 86.6



#29
1,1,1-Trichloroethane
Concen: 0.088 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VV007508.D
Acq: 13 Sep 2018 06:25

Tgt Ion: 97 Resp: 967
Ion Ratio Lower Upper
97 100
99 21.2 51.2 76.8#
61 19.8 33.4 50.2#





#34

Trichloroethene

Concen: 0.559 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampleId :

C0KP7

Tgt Ion: 95 Resp: 3906

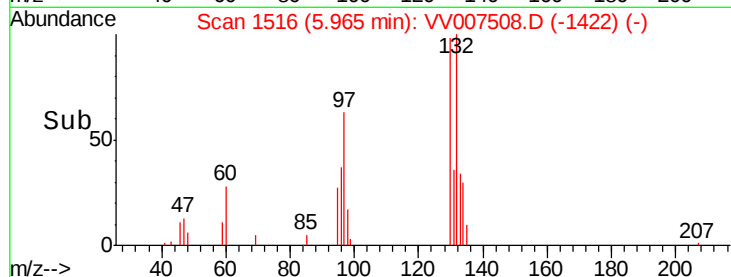
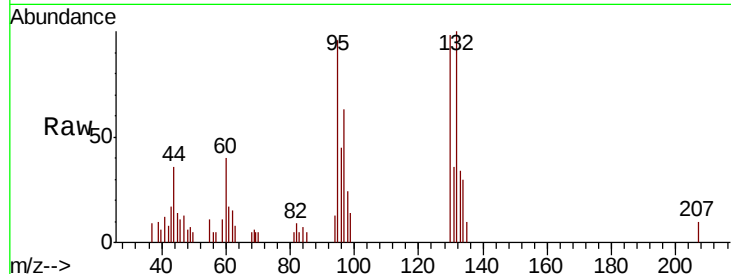
Ion Ratio Lower Upper

95 100

97 65.8 42.8 79.4

132 104.1 67.6 125.6

130 102.1 69.6 129.2

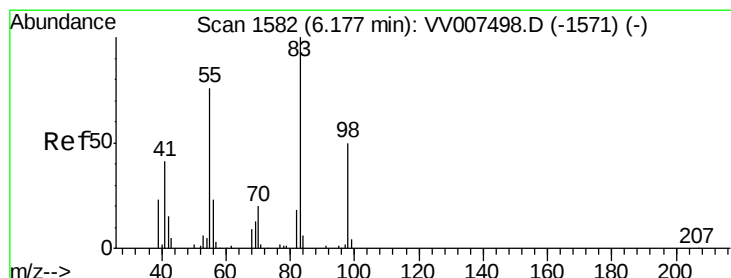
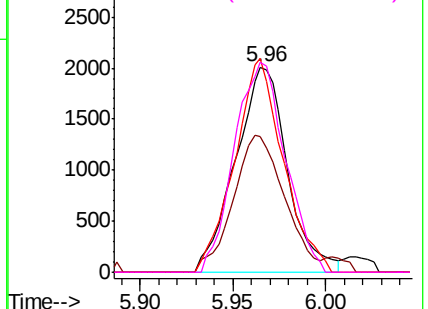


Abundance Ion 95.00 (94.70 to 95.70): VV007498.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV007498.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV007498.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV007498.D (-1499) (-)



#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

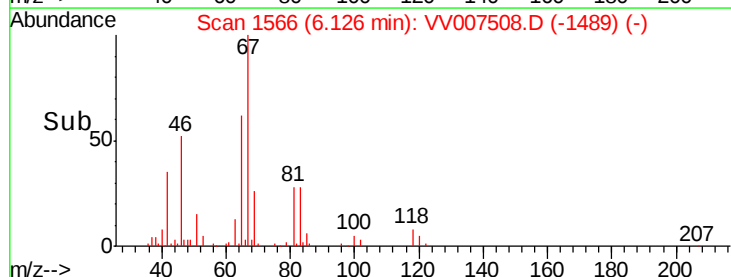
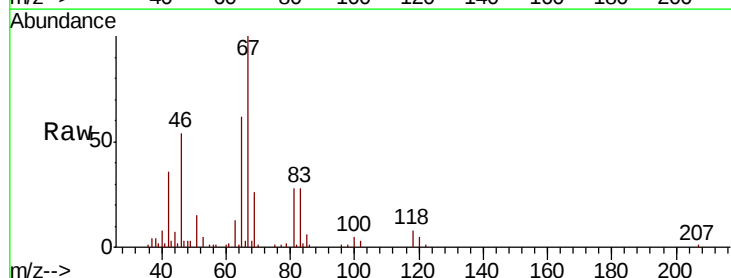
Tgt Ion: 83 Resp: 9956

Ion Ratio Lower Upper

83 100

55 0.6 57.4 86.0#

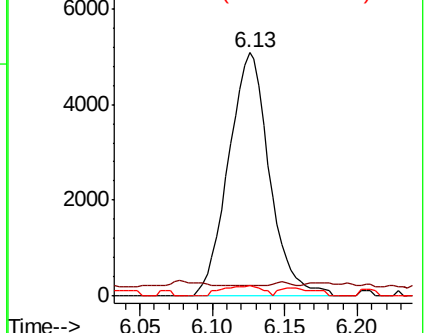
98 4.2 38.8 58.2#

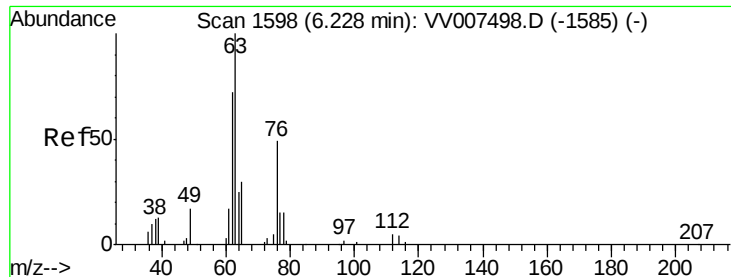


Abundance Ion 83.15 (82.85 to 83.85): VV007498.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV007498.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV007498.D (-1571) (-)





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampled :

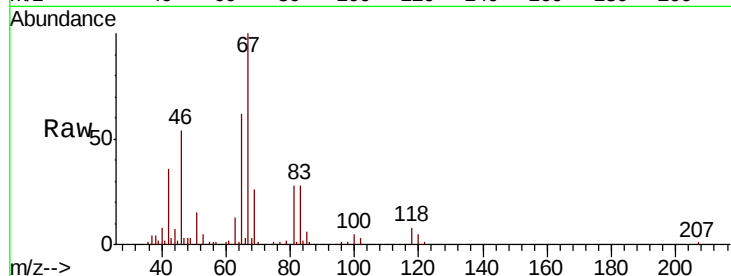
C0KP7

Tgt Ion: 63 Resp: 4675

Ion Ratio Lower Upper

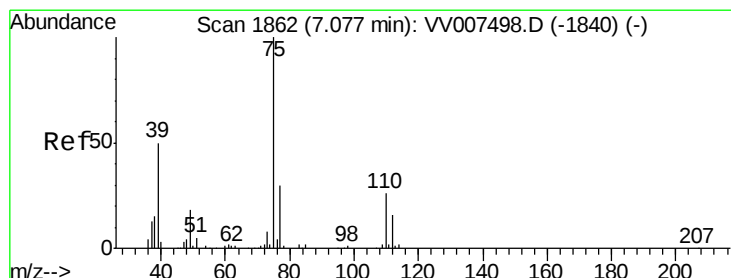
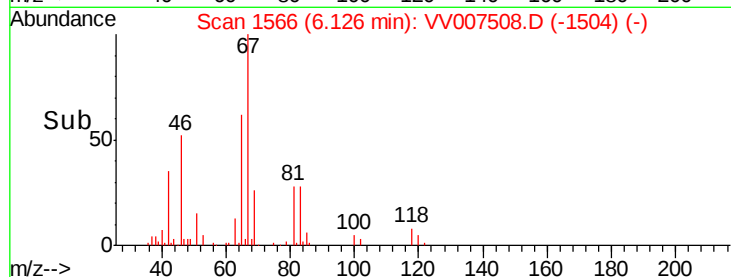
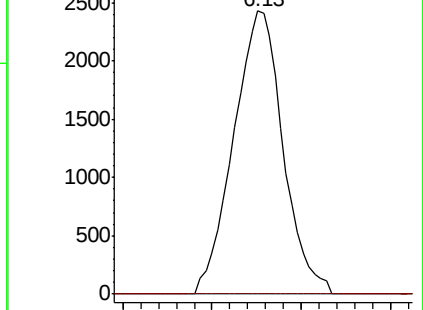
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV007498.D (-1585) (-)

Ion 112.10 (111.80 to 112.80): VV007498.D (-1585) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007508.D

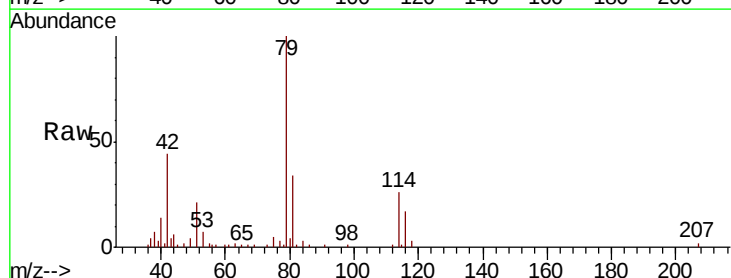
Acq: 13 Sep 2018 06:25

Tgt Ion: 75 Resp: 1334

Ion Ratio Lower Upper

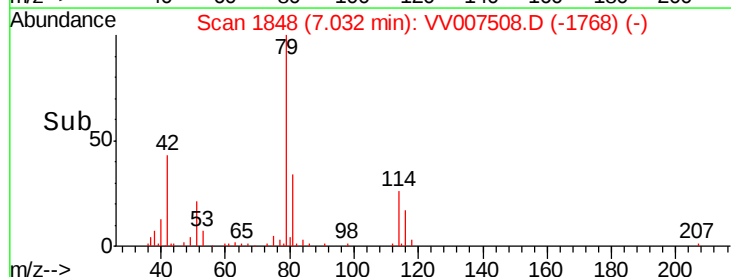
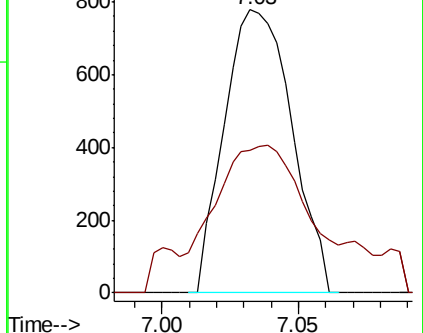
75 100

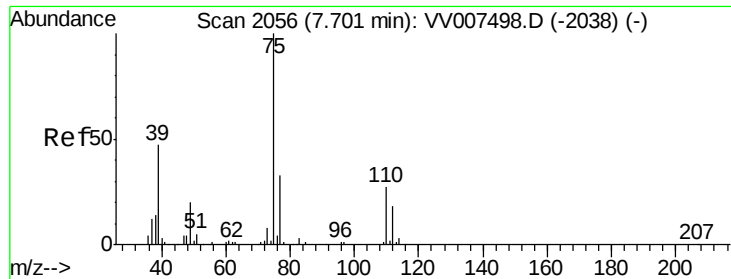
77 50.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV007498.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007498.D (-1840) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampleId :

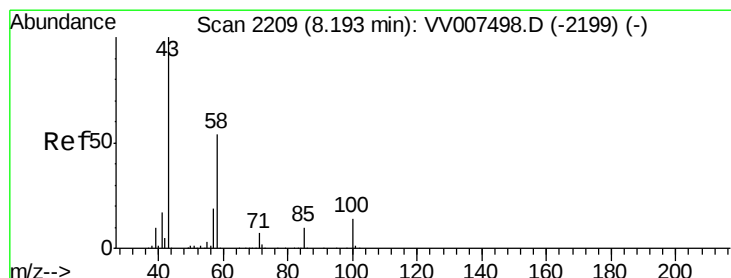
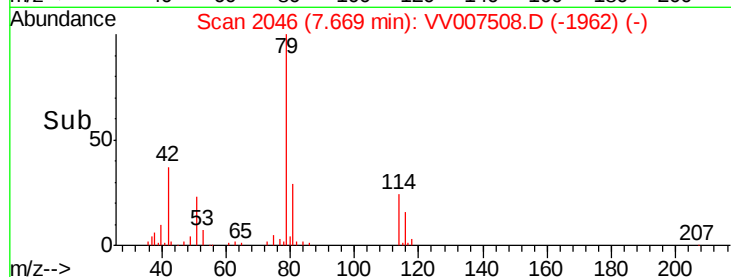
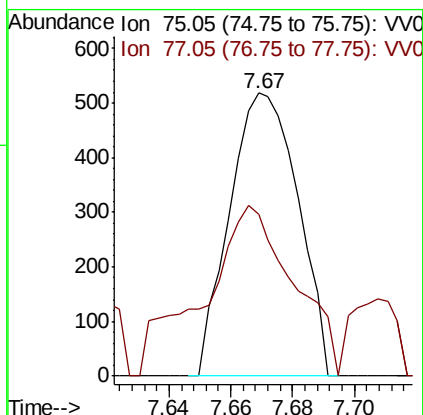
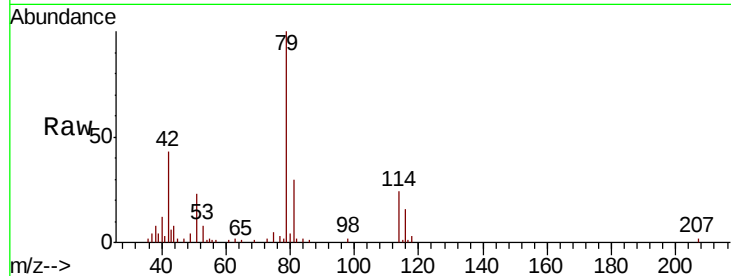
C0KP7

Tgt Ion: 75 Resp: 794

Ion Ratio Lower Upper

75 100

77 57.1 23.0 42.8#



#48

2-Hexanone

Concen: 3.248 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Tgt Ion: 43 Resp: 7899

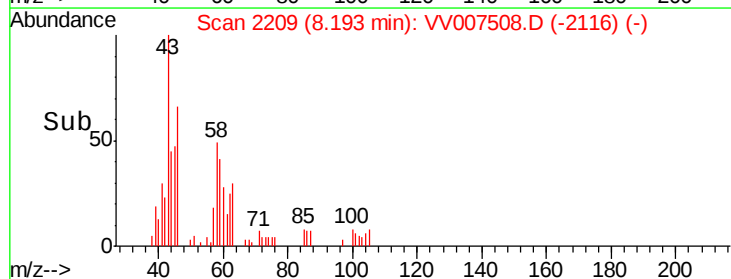
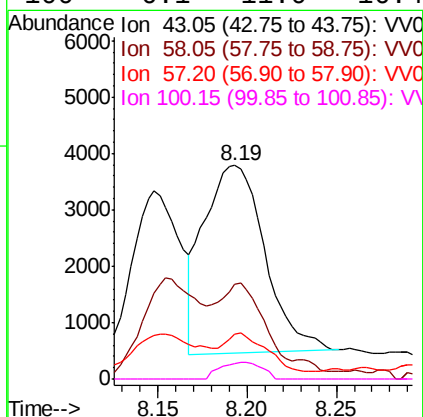
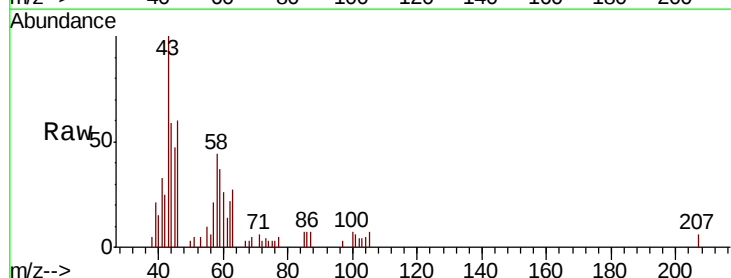
Ion Ratio Lower Upper

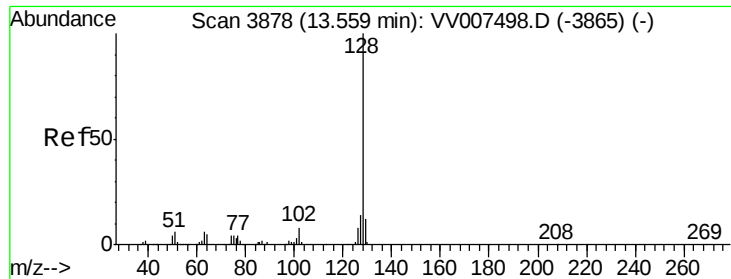
43 100

58 42.9 47.9 71.9#

57 15.9 16.2 24.2#

100 6.1 11.0 16.4#





#69

Naphthalene

Concen: 0.089 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV007508.D

Acq: 13 Sep 2018 06:25

Instrument :

MSVOA_V

ClientSampleId :

C0KP7

Tgt Ion:128 Resp: 1119

Ion Ratio Lower Upper

128 100

129 1.9 8.7 13.1#

127 0.0 10.8 16.2#

