

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007544.D
 Acq On : 15 Sep 2018 00:47
 Operator : SY/MD
 Sample : J4888-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW6

Quant Time: Sep 15 02:09:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	101177	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22858	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	23599	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	37506	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.97	46	47967	65.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.14%#
24) Chloroform-d	4.41	84	51739	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	27089	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	97584	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	30369	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	89429	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	10409	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.15	63	29371	69.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.94%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19429	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	33287	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	557	0.117 ug/L	84
5) Vinyl chloride	1.43	62	404	0.076 ug/L #	40
8) Chloroethane	1.32	64	275	0.085 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	759	0.148 ug/L #	1
13) Acetone	2.22	43	2006	4.167 ug/L	89
15) Methyl Acetate	2.46	43	632	0.479 ug/L #	43
16) Methylene chloride	2.54	84	1173	0.211 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	437	0.079 ug/L	83
25) Chloroform	4.42	83	818	0.088 ug/L #	70
34) Trichloroethene	5.96	95	3673	0.690 ug/L	93
35) Methylcyclohexane	6.12	83	7457	0.907 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3515	0.822 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	839	0.123 ug/L #	70
42) Toluene	7.44	91	1686	0.084 ug/L #	76
44) trans-1,3-Dichloropropene	7.67	75	471	0.084 ug/L #	68
48) 2-Hexanone	8.19	43	5289	2.951 ug/L #	38

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration

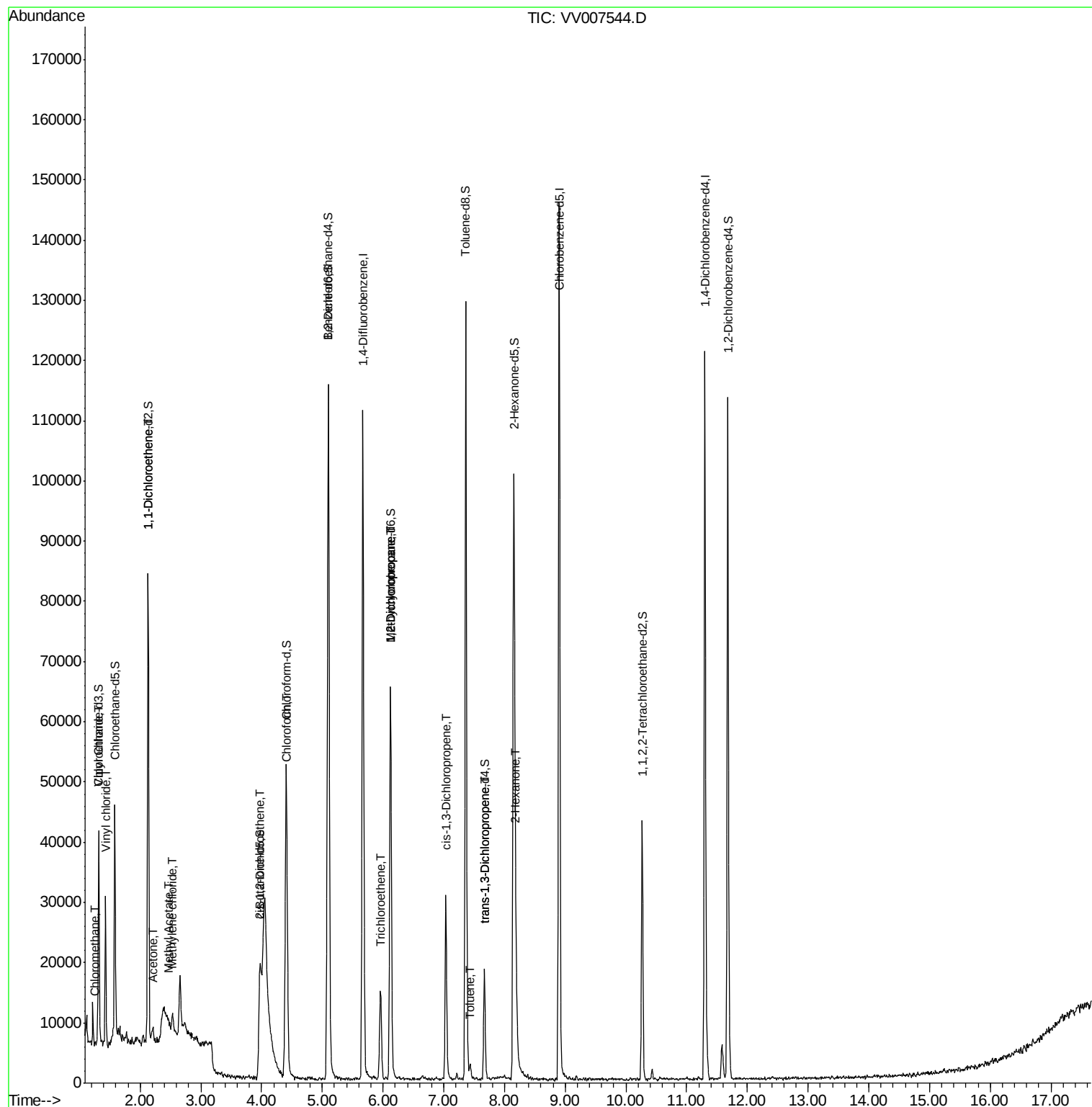
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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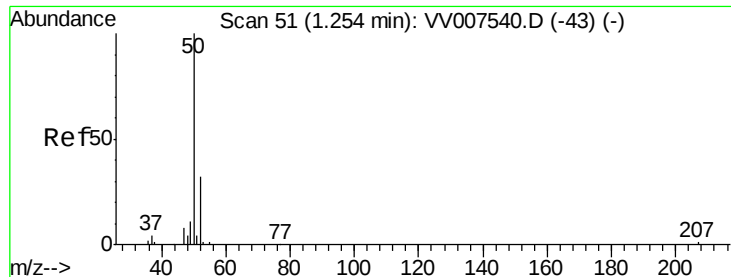
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

Instrument :

MSVOA_V

ClientSampleId :

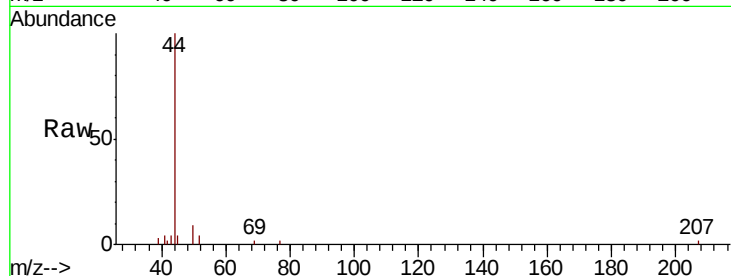
C0KW6

Tgt Ion: 50 Resp: 557

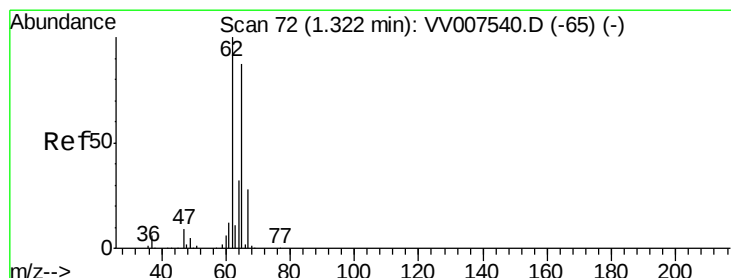
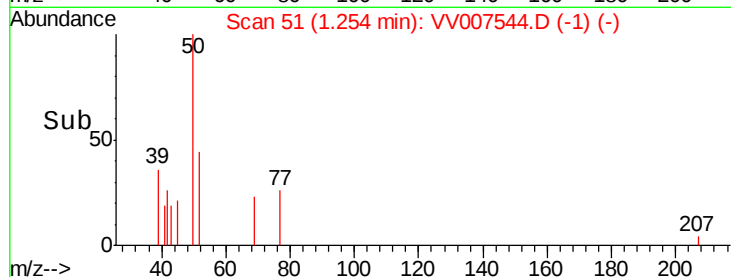
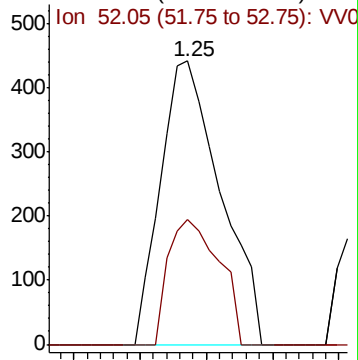
Ion Ratio Lower Upper

50 100

52 44.2 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV007540.D (-43) (-)



#5

Vinyl chloride

Concen: 0.076 ug/L

RT: 1.43 min Scan# 105

Delta R.T. 0.11 min

Lab File: VV007544.D

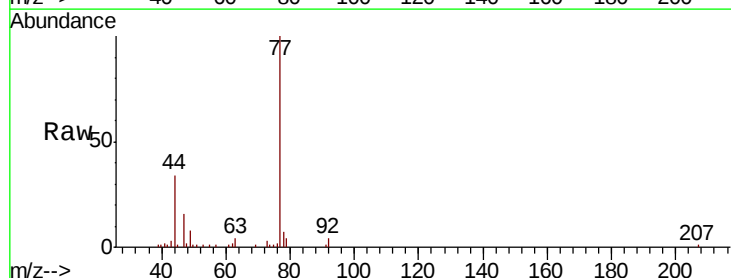
Acq: 15 Sep 2018 00:47

Tgt Ion: 62 Resp: 404

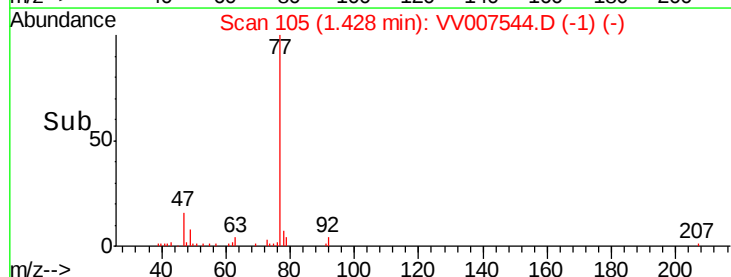
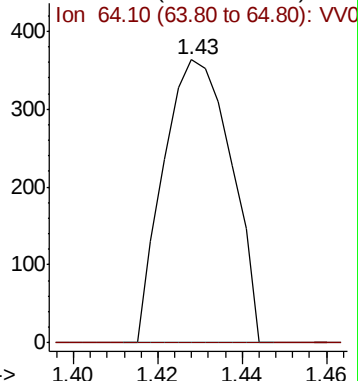
Ion Ratio Lower Upper

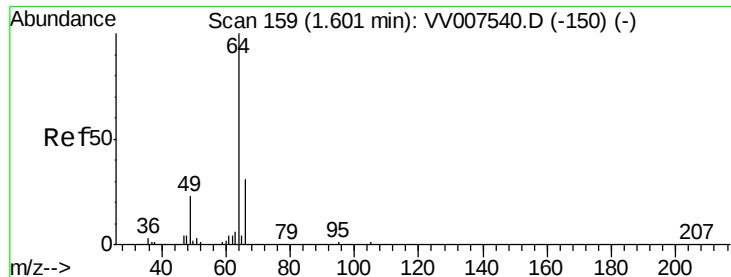
62 100

64 0.0 24.4 45.2#



Abundance Ion 62.00 (61.70 to 62.70): VV007544.D (-1) (-)





#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

Instrument :

MSVOA_V

ClientSampleId :

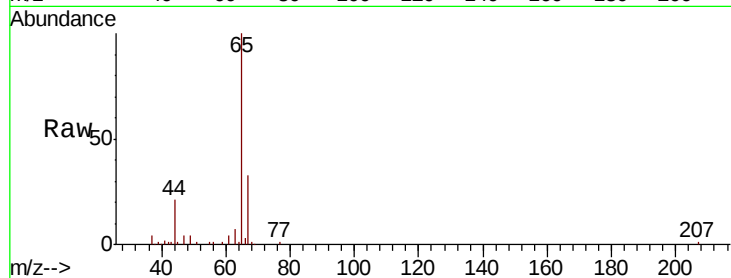
C0KW6

Tgt Ion: 64 Resp: 275

Ion Ratio Lower Upper

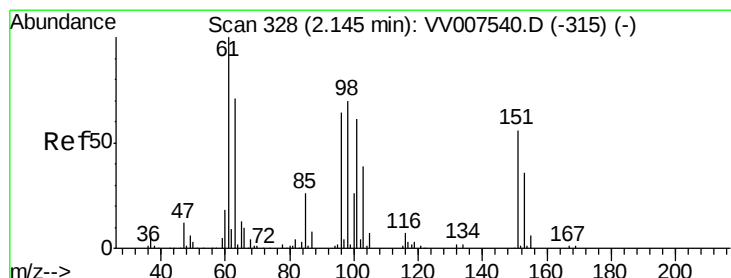
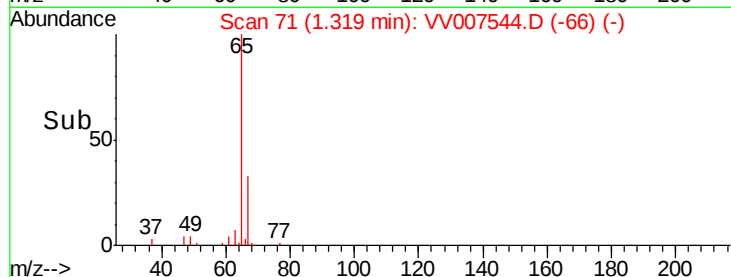
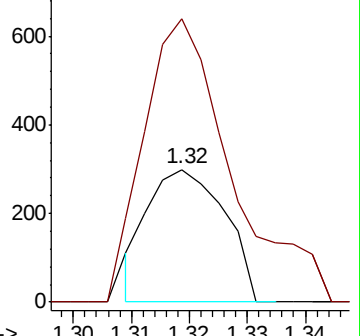
64 100

66 213.4 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.148 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

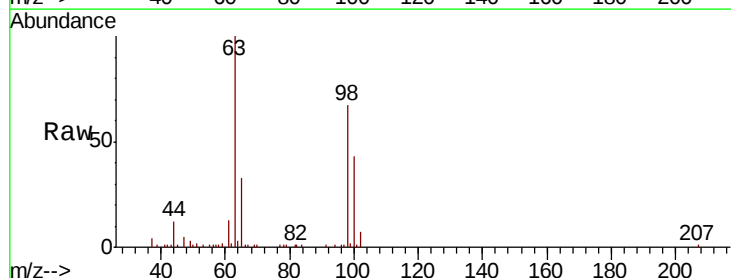
Tgt Ion: 96 Resp: 759

Ion Ratio Lower Upper

96 100

61 938.3 114.8 213.2#

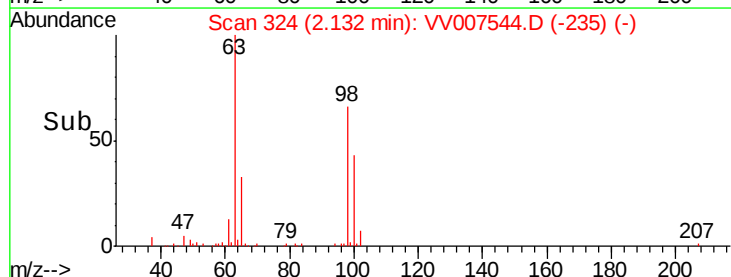
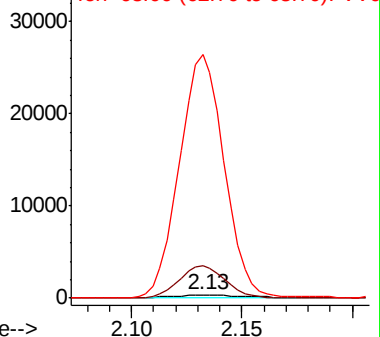
63 7025.5 81.8 151.8#

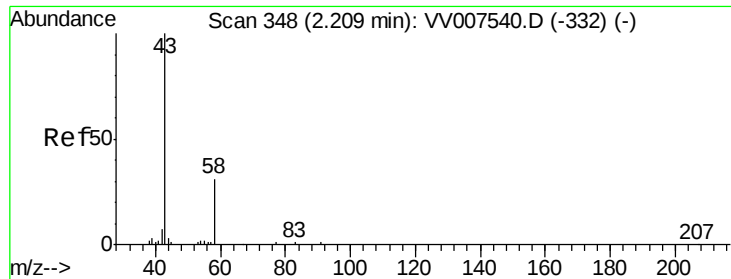


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.167 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

Instrument :

MSVOA_V

ClientSampled :

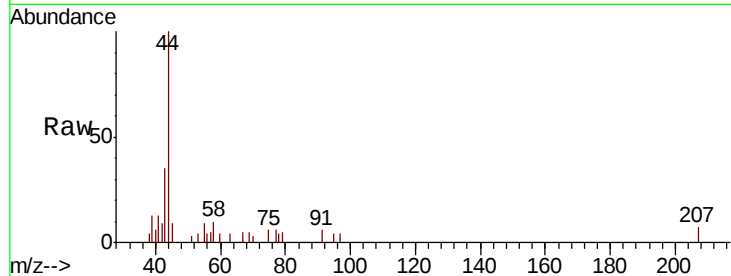
C0KW6

Tgt Ion: 43 Resp: 2006

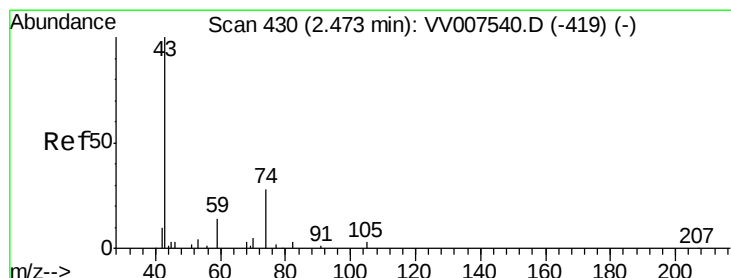
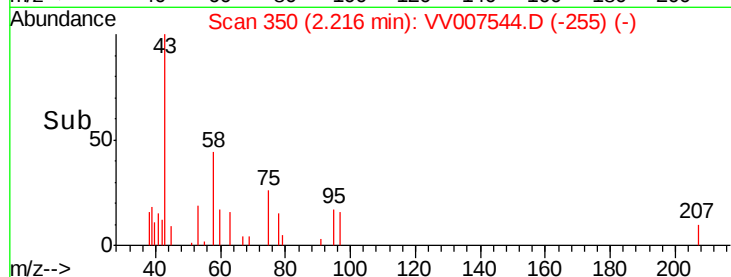
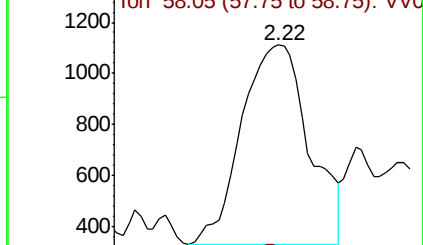
Ion Ratio Lower Upper

43 100

58 38.0 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007540.D (-332) (-)



#15

Methyl Acetate

Concen: 0.479 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV007544.D

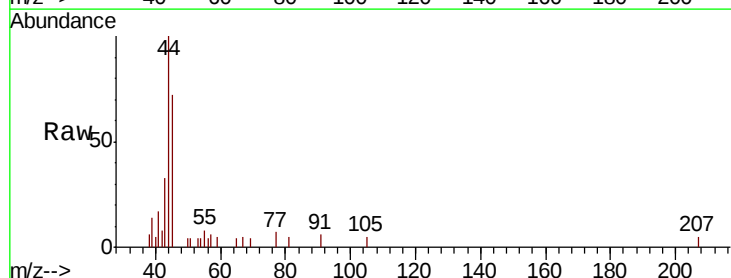
Acq: 15 Sep 2018 00:47

Tgt Ion: 43 Resp: 632

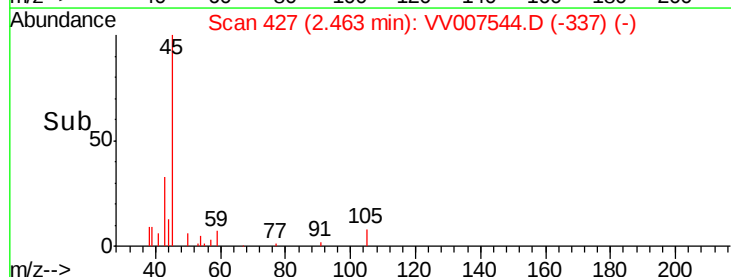
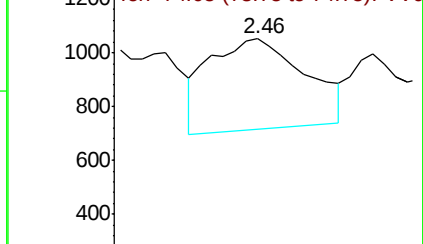
Ion Ratio Lower Upper

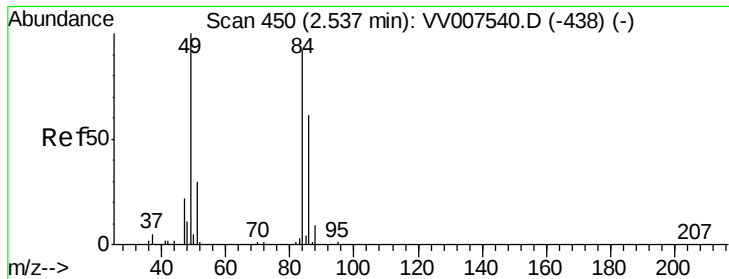
43 100

74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007540.D (-419) (-)

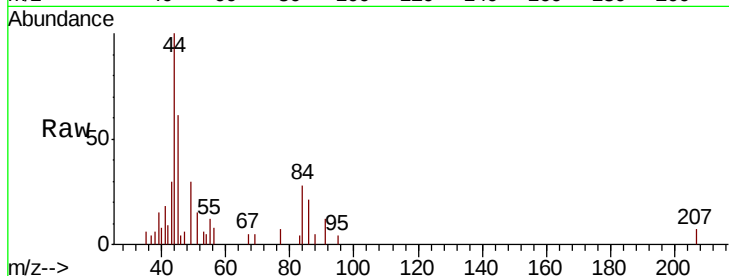




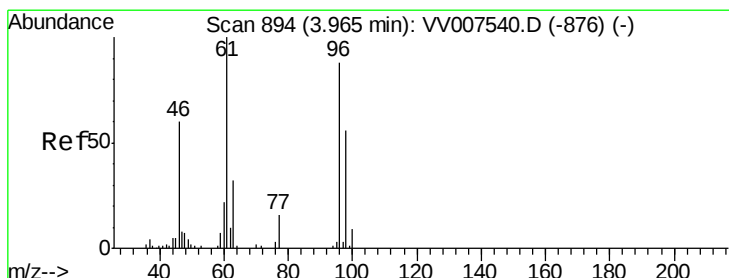
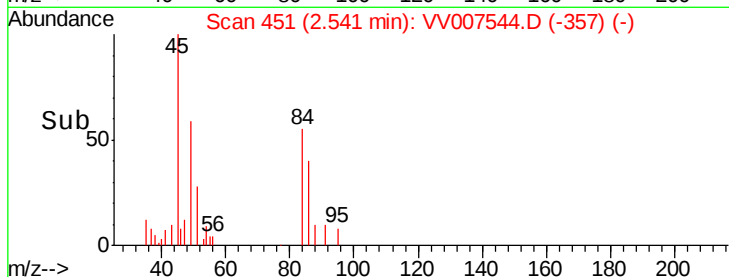
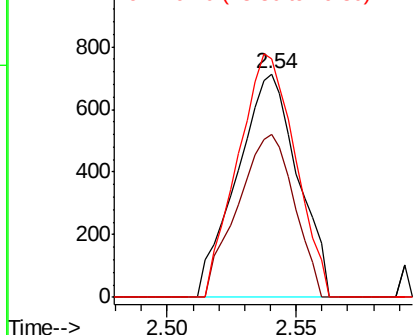
#16
Methylene chloride
Concen: 0.211 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007544.D
Acq: 15 Sep 2018 00:47

Instrument :
MSVOA_V
ClientSampleId :
C0KW6

Tgt Ion: 84 Resp: 1173
Ion Ratio Lower Upper
84 100
86 73.2 43.7 81.1
49 106.7 76.8 142.6

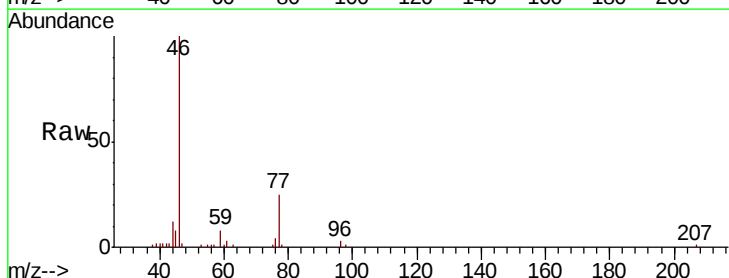


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

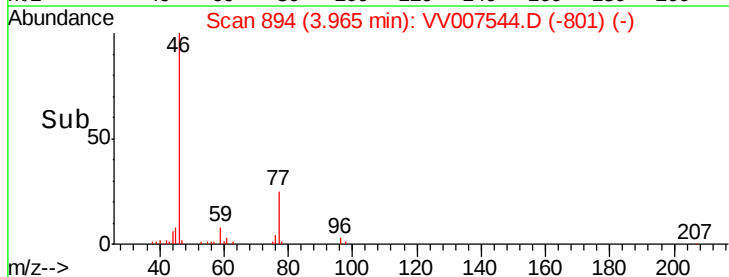
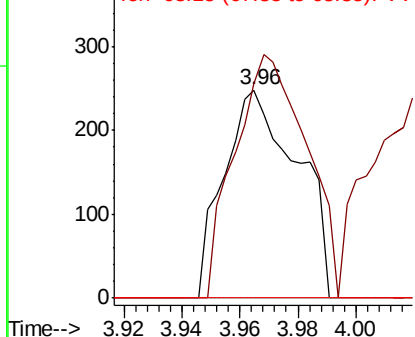


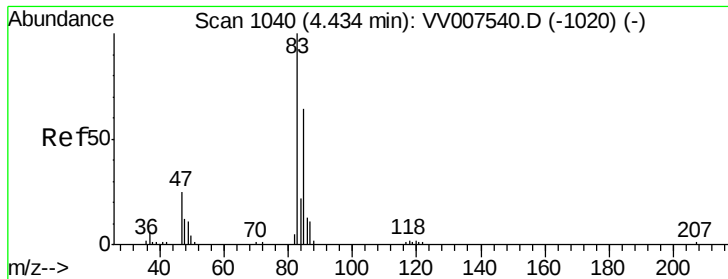
#22
cis-1,2-Dichloroethene
Concen: 0.079 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV007544.D
Acq: 15 Sep 2018 00:47

Tgt Ion: 96 Resp: 437
Ion Ratio Lower Upper
96 100
61 102.8 85.3 158.5
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#25

Chloroform

Concen: 0.088 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

Instrument :

MSVOA_V

ClientSampled :

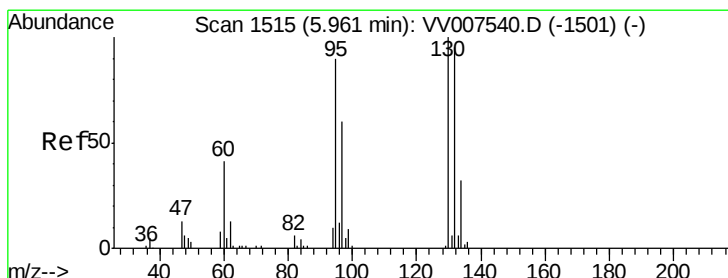
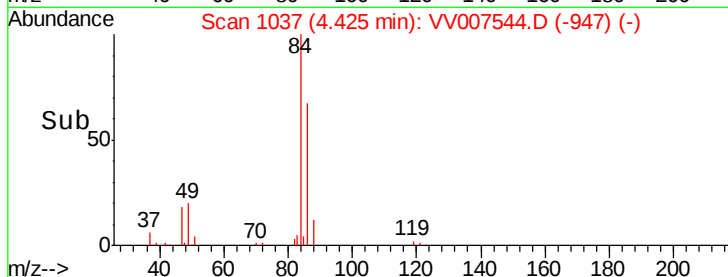
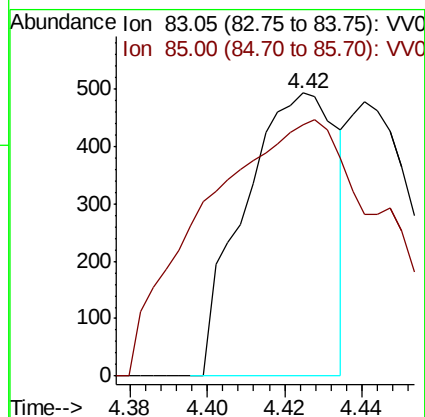
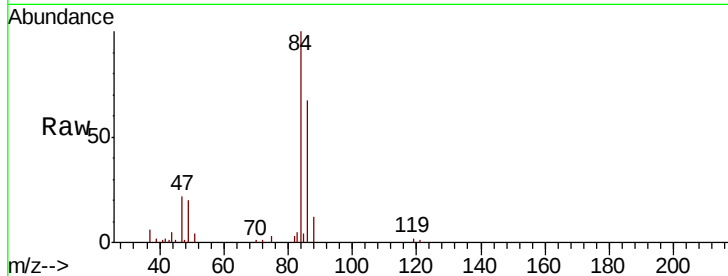
C0KW6

Tgt Ion: 83 Resp: 818

Ion Ratio Lower Upper

83 100

85 89.0 45.5 84.5#



#34

Trichloroethene

Concen: 0.690 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

Tgt Ion: 95 Resp: 3673

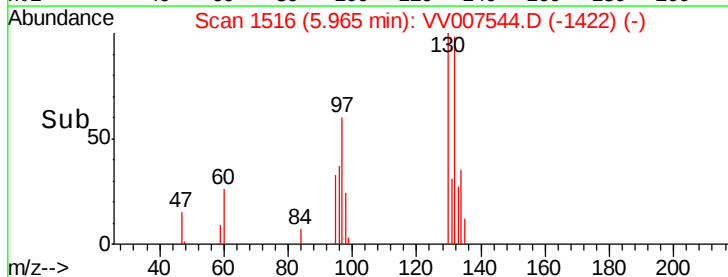
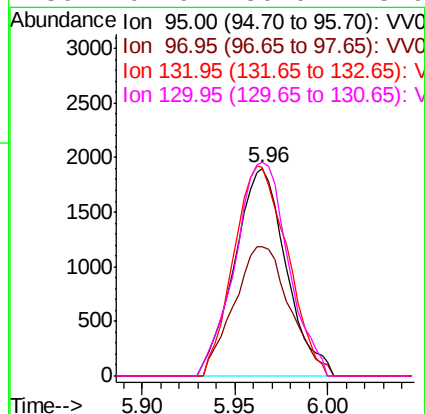
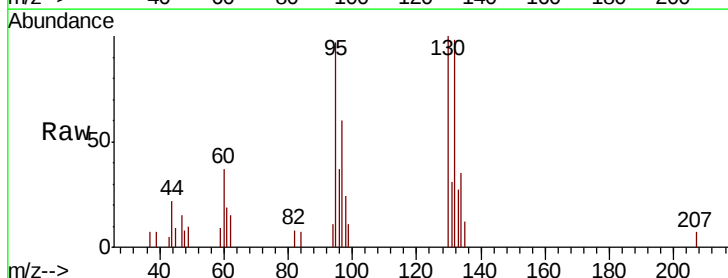
Ion Ratio Lower Upper

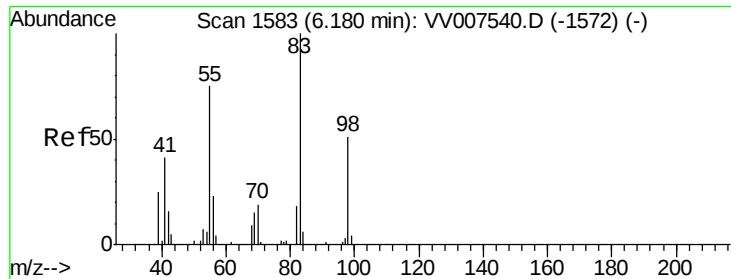
95 100

97 62.1 45.5 84.5

132 100.6 74.9 139.1

130 102.9 80.0 148.6





#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007544.D

Acq: 15 Sep 2018 00:47

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ClientSampleId :

C0KW6

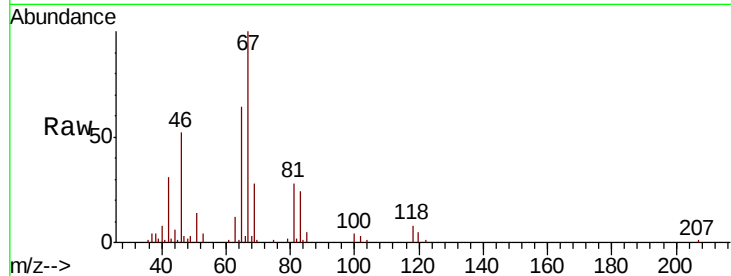
Tgt Ion: 83 Resp: 7457

Ion Ratio Lower Upper

83 100

55 0.3 55.0 82.4#

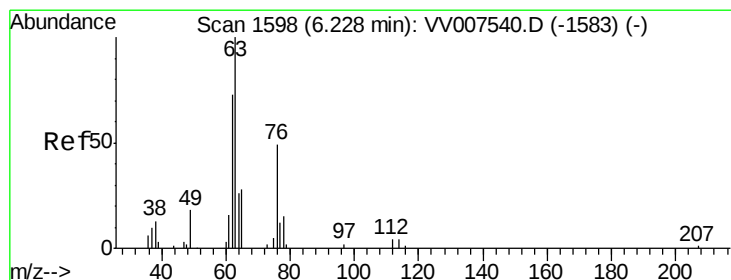
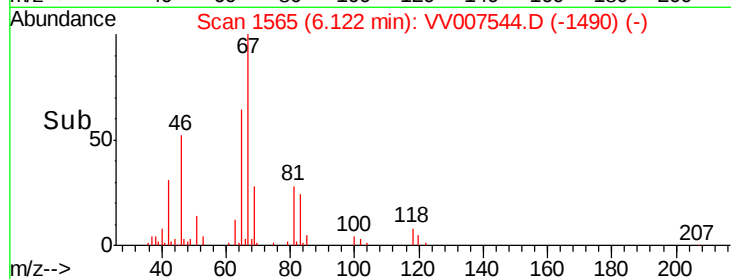
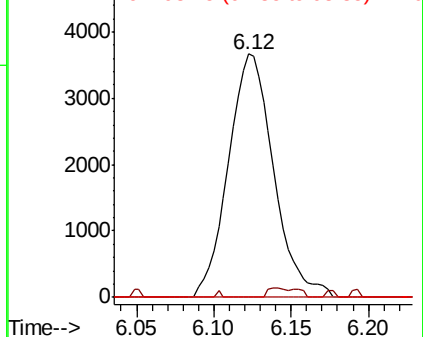
98 0.0 37.6 56.4#



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: 0.822 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007544.D

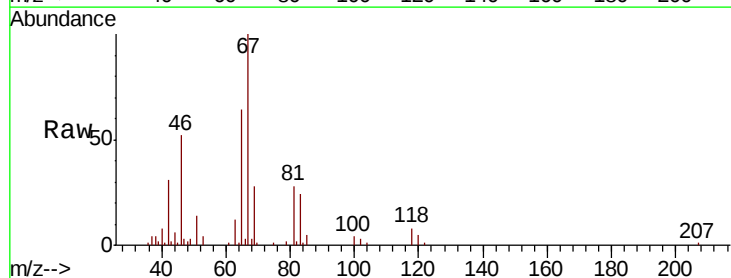
Acq: 15 Sep 2018 00:47

Tgt Ion: 63 Resp: 3515

Ion Ratio Lower Upper

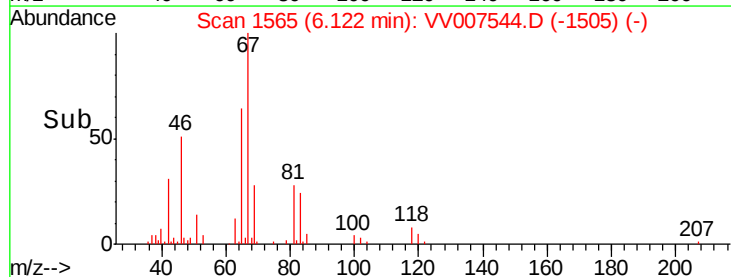
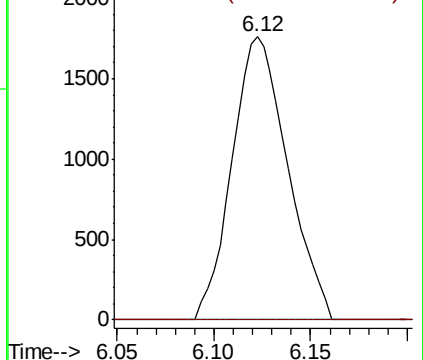
63 100

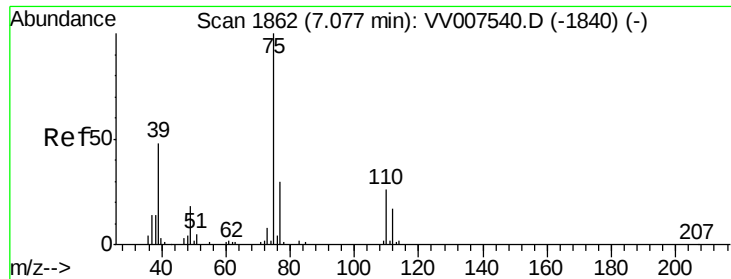
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

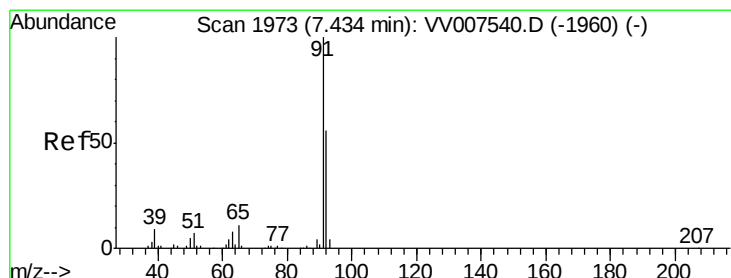
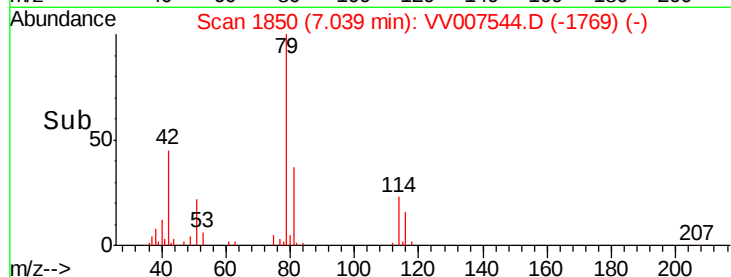
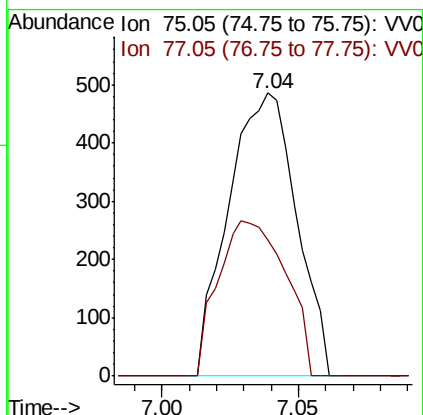
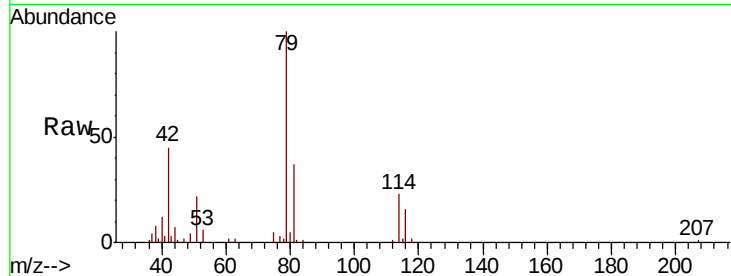




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007544.D
 Acq: 15 Sep 2018 00:47

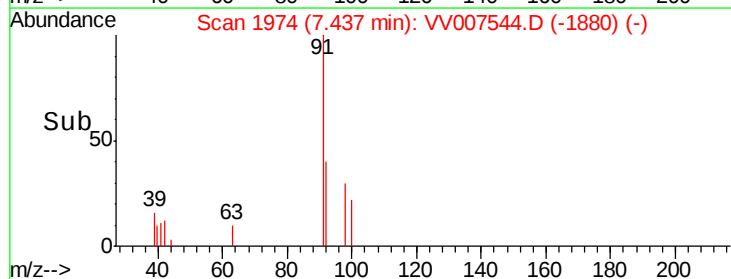
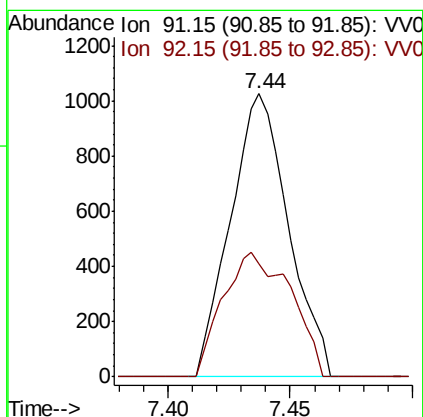
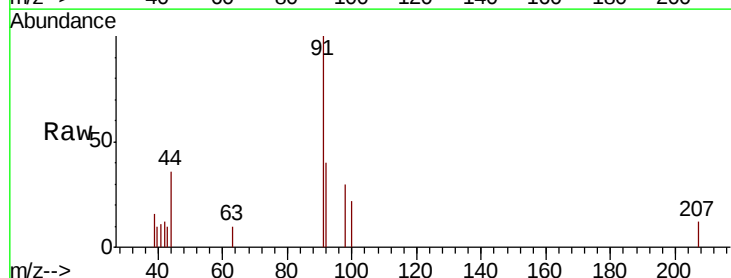
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW6

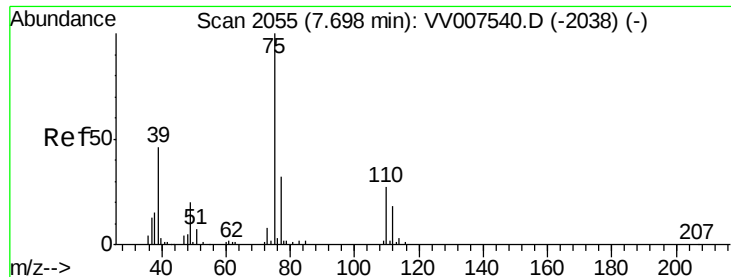
Tgt Ion: 75 Resp: 839
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.0 41.0#



#42
 Toluene
 Concen: 0.084 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007544.D
 Acq: 15 Sep 2018 00:47

Tgt Ion: 91 Resp: 1686
 Ion Ratio Lower Upper
 91 100
 92 39.9 40.3 74.8#

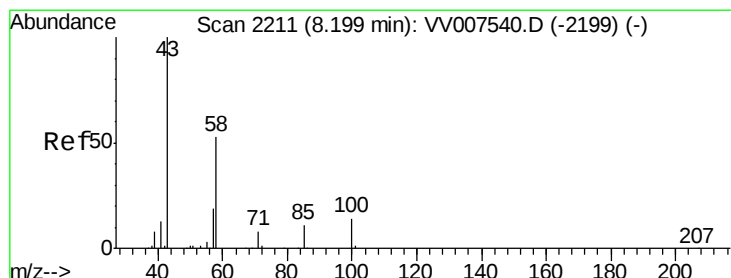
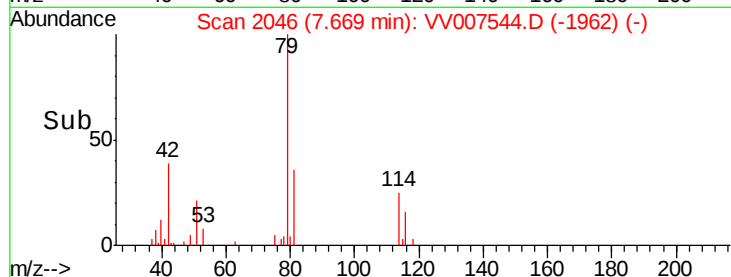
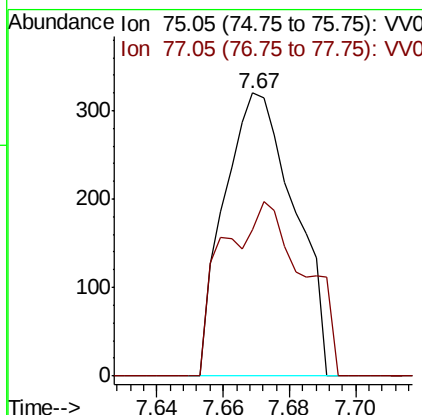
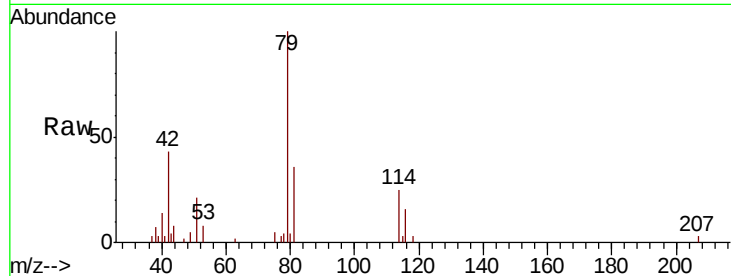




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007544.D
Acq: 15 Sep 2018 00:47

Instrument :
MSVOA_V
ClientSampleId :
C0KW6

Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
77 51.6 23.4 43.4#



#48
2-Hexanone
Concen: 2.951 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VV007544.D
Acq: 15 Sep 2018 00:47

Tgt Ion: 43 Resp: 5289
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 2.8 18.2 27.4#
100 8.6 11.0 16.4#

