

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008814.D
 Acq On : 30 Nov 2018 15:43
 Operator : SY/MD
 Sample : J6155-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 01 03:50:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141417	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59327	5.00	ug/L	0.00

System Monitoring Compounds

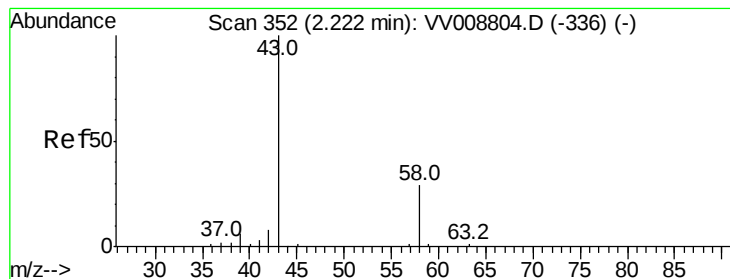
4) Vinyl Chloride-d3	1.32	65	44021	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.59	69	32843	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.14	63	63351	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	111435	50.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.41	84	97713	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	48507	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	203030	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	59533	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	178451	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	19451	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	80907	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37168	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	64344	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
13) Acetone	2.21	43	7938	7.269 ug/L	91
27) 1,2-Dichloroethane	5.10	62	1207	0.114 ug/L #	74
34) Trichloroethene	5.67	95	2251	0.204 ug/L #	4
35) Methylcyclohexane	6.12	83	14297	0.816 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	6498	0.658 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1503	0.116 ug/L #	66
42) Toluene	7.43	91	51657	1.242 ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	855	0.084 ug/L	87
48) 2-Hexanone	8.14	43	9973	2.779 ug/L #	74

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

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Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1



#13

Acetone

Concen: 7.269 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008814.D

Acq: 30 Nov 2018 15:43

Instrument :

MSVOA_V

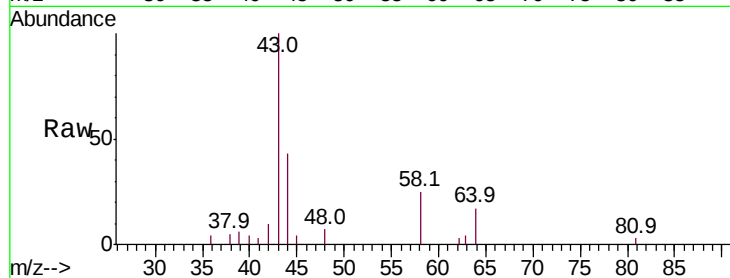
ClientSampled :

Tot Ion: 43 Resp: 7938

Ion Ratio Lower Upper

43 100

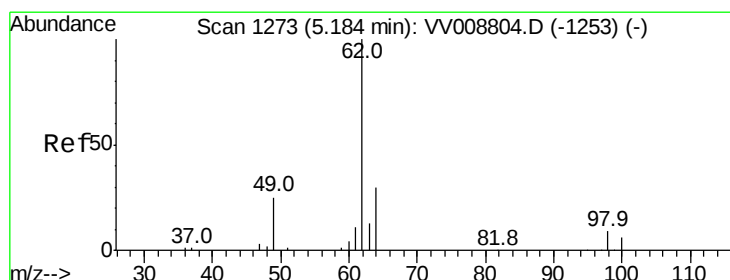
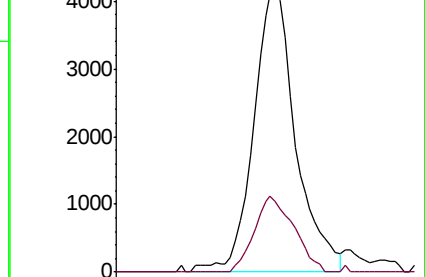
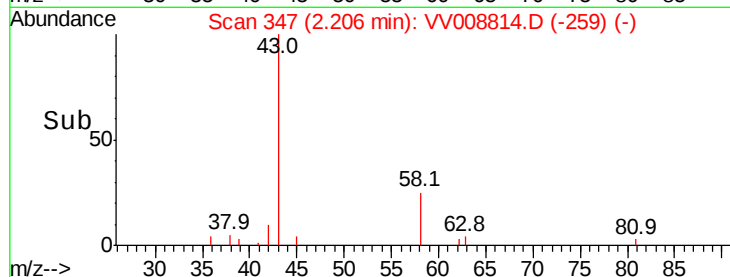
58 25.1 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008814.D (-347) (-)

Ion 58.05 (57.75 to 58.75): VV008814.D (-347) (-)

Time-->



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.09 min

Lab File: VV008814.D

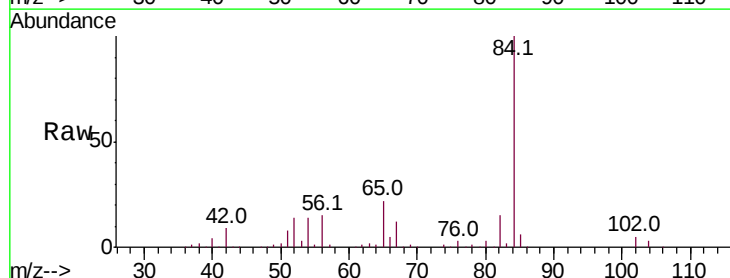
Acq: 30 Nov 2018 15:43

Tgt Ion: 62 Resp: 1207

Ion Ratio Lower Upper

62 100

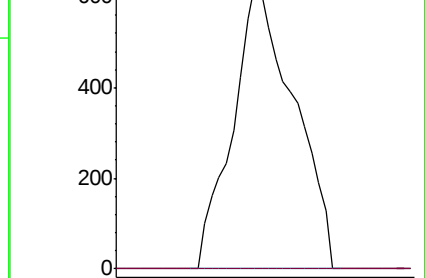
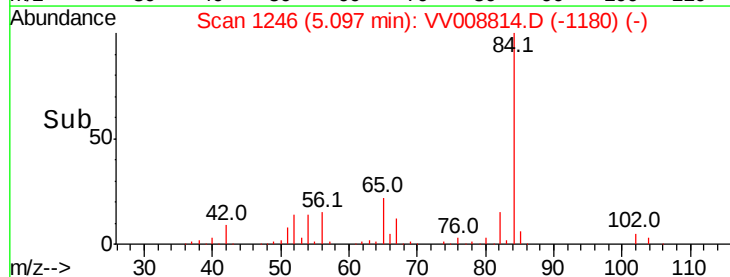
98 0.0 7.7 11.5#

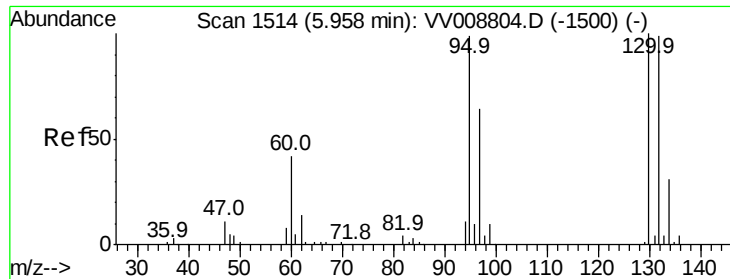


Abundance Ion 62.00 (61.70 to 62.70): VV008814.D (-1246) (-)

Ion 98.05 (97.75 to 98.75): VV008814.D (-1246) (-)

Time-->

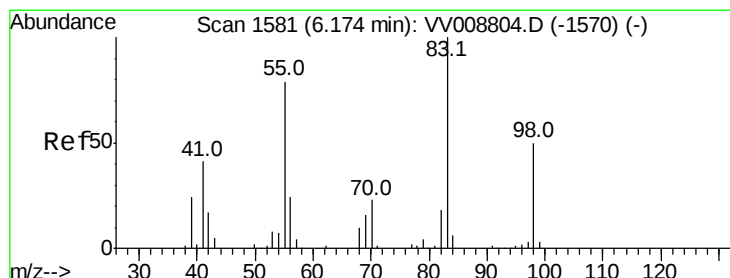
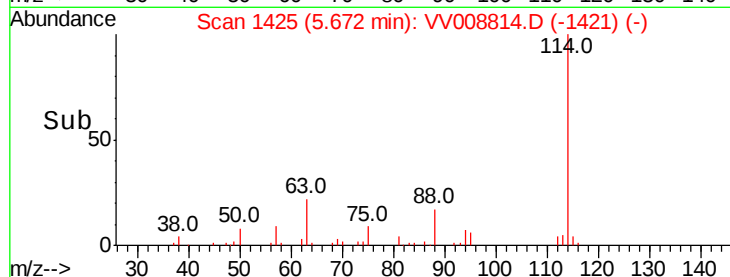
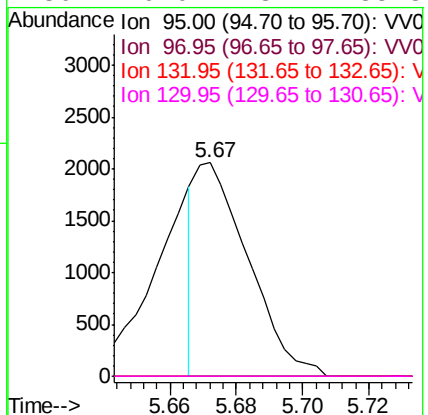
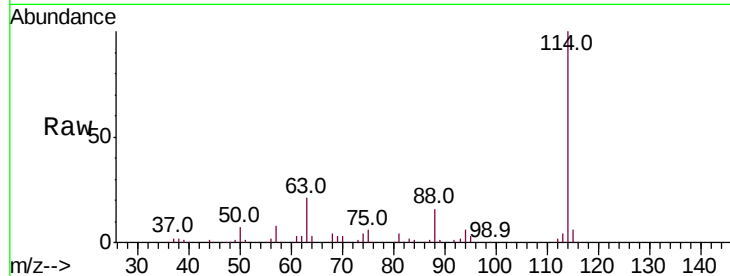




#34
 Trichloroethene
 Concen: 0.204 ug/L
 RT: 5.67 min Scan# 1425
 Delta R.T. -0.29 min
 Lab File: VV008814.D
 Acq: 30 Nov 2018 15:43

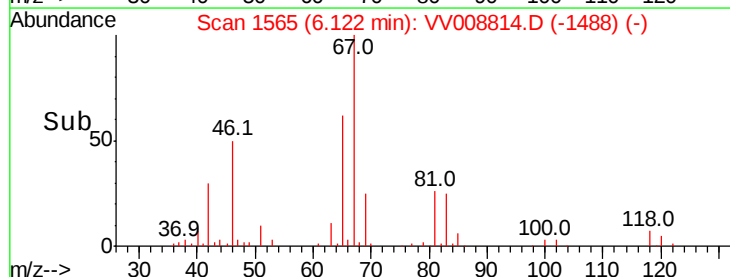
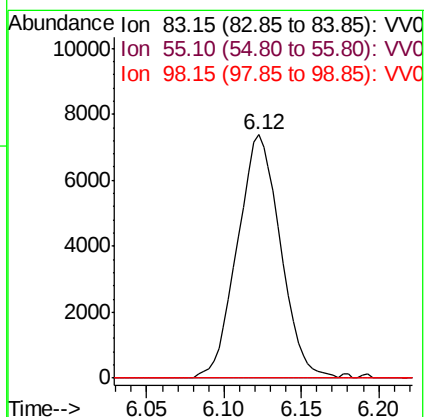
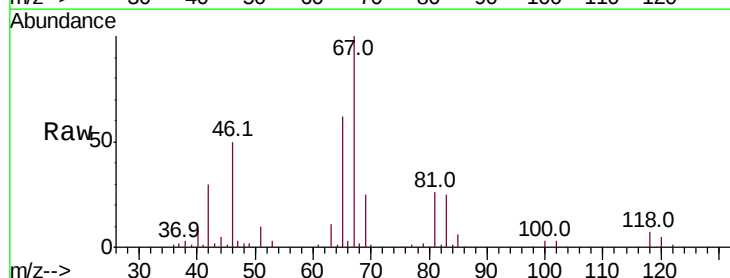
Instrument :
 MSVOA_V
 ClientSampleId :

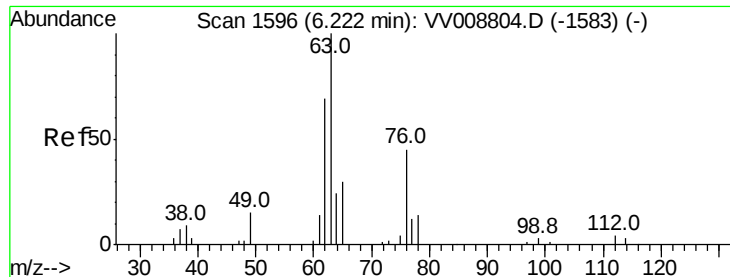
Tot Ion: 95 Resp: 2251
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.5 86.3#
 132 0.0 69.4 128.8#
 130 0.0 73.1 135.8#



#35
 Methylcyclohexane
 Concen: 0.816 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008814.D
 Acq: 30 Nov 2018 15:43

Tgt Ion: 83 Resp: 14297
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.1 90.1#
 98 5.6 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008814.D

Acq: 30 Nov 2018 15:43

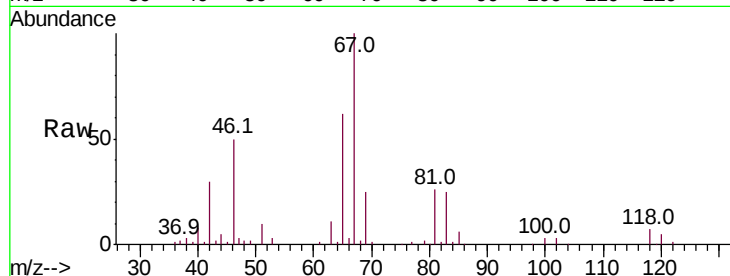
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 6498

Ion Ratio Lower Upper

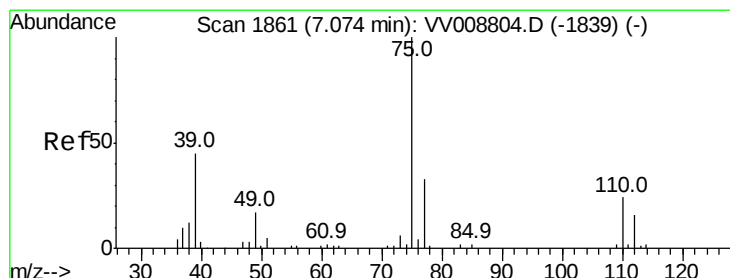
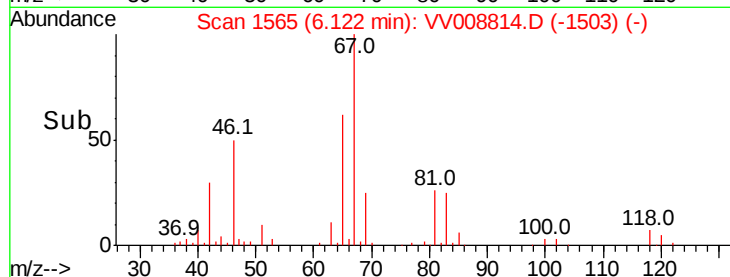
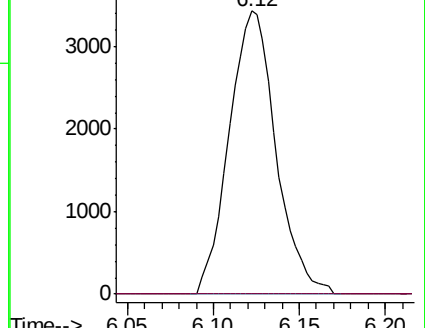
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV008814.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008814.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.05 min

Lab File: VV008814.D

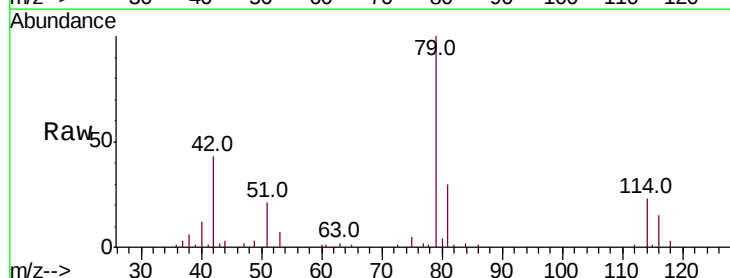
Acq: 30 Nov 2018 15:43

Tgt Ion: 75 Resp: 1503

Ion Ratio Lower Upper

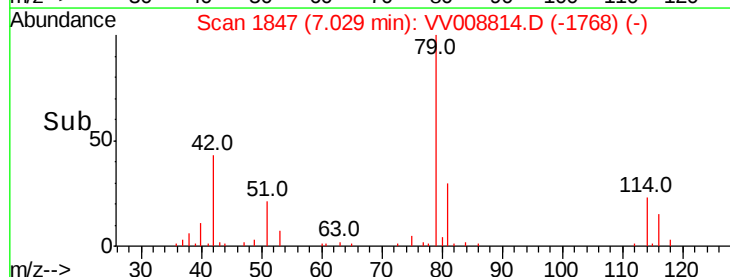
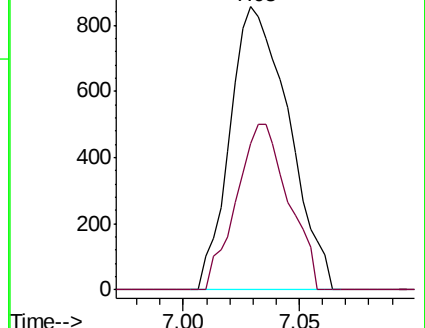
75 100

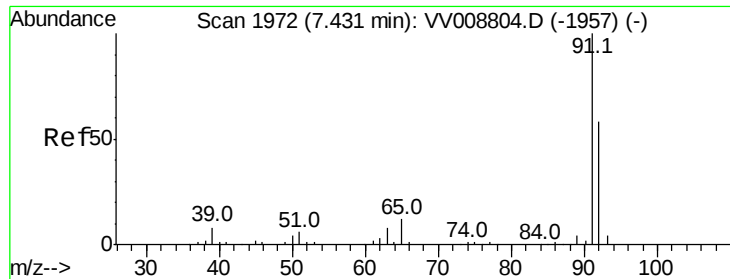
77 51.5 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV008814.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008814.D (-1839) (-)





#42

Toluene

Concen: 1.242 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008814.D

Acq: 30 Nov 2018 15:43

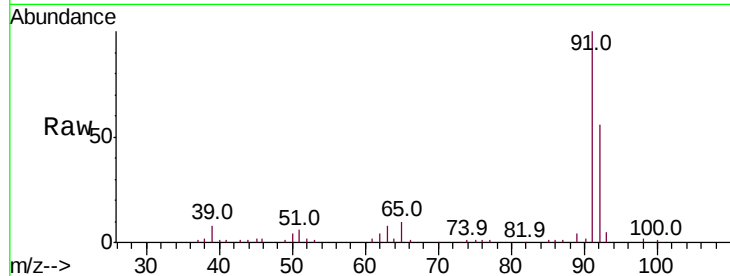
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 51657

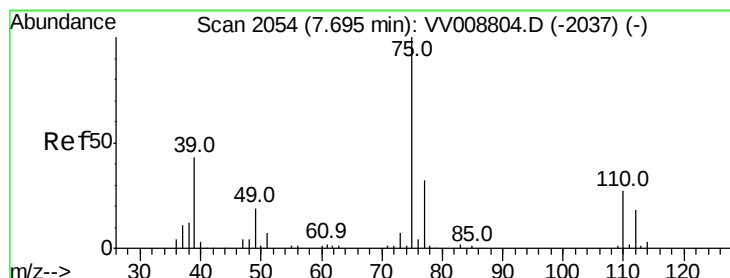
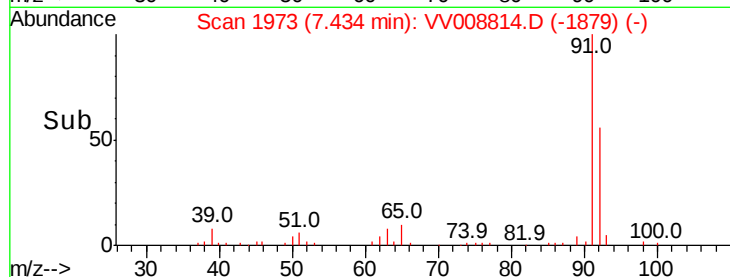
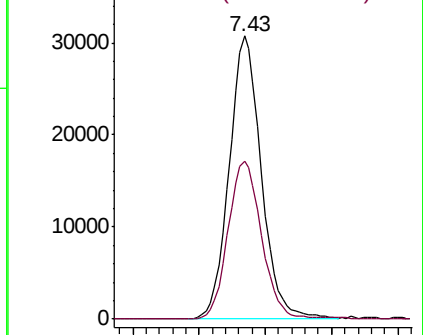
Ion Ratio Lower Upper

91 100

92 56.0 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008814.D

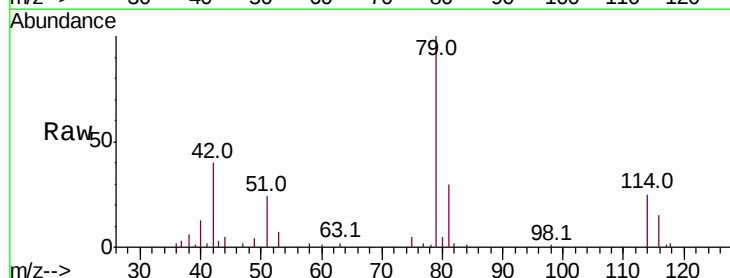
Acq: 30 Nov 2018 15:43

Tgt Ion: 75 Resp: 855

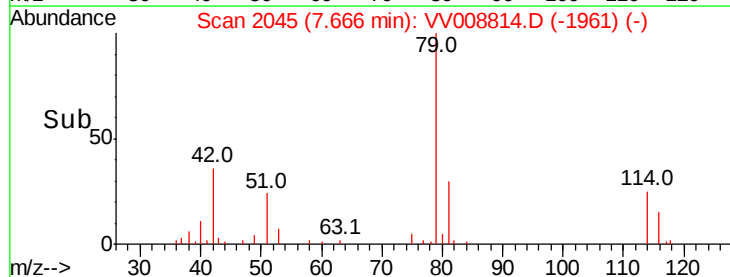
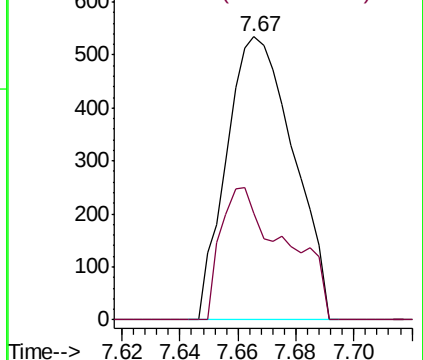
Ion Ratio Lower Upper

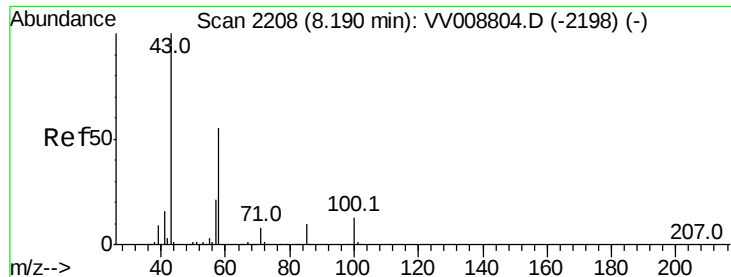
75 100

77 37.6 21.3 39.5



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.779 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV008814.D
 Acq: 30 Nov 2018 15:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9973
 Ion Ratio Lower Upper
 43 100
 58 37.3 44.5 66.7#
 57 30.2 15.2 22.8#
 100 0.4 9.6 14.4#

