

Data File : VV010534.D
Acq On : 27 Apr 2019 07:18
Operator : SY/MD
Sample : K2586-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X45

Quant Time: Apr 29 02:02:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	223808	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	214383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98899	5.00	ug/L	0.00

System Monitoring Compounds

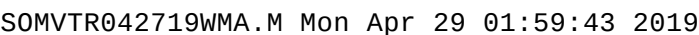
4) Vinyl Chloride-d3	1.32	65	53708	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.57	69	37746	6.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.60%
11) 1,1-Dichloroethene-d2	2.12	63	74921	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.93	46	124958	44.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.40	84	132638	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	70496	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	285022	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	78597	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	244692	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	24791	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.13	63	113818	46.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57499	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	111065	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

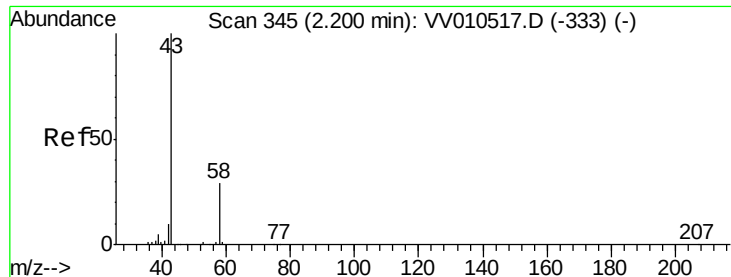
Target Compounds

						Qvalue
13) Acetone	2.19	43	24000	17.159	ug/L	92
15) Methyl Acetate	2.32	43	2230	0.481	ug/L #	44
21) 2-Butanone	4.13	43	77377	26.766	ug/L #	46
25) Chloroform	4.43	83	10903	0.378	ug/L	97
35) Methylcyclohexane	6.11	83	20478	0.977	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	9624	0.753	ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	2383	0.129	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	1226	0.084	ug/L	93
59) 1,2,3-Trichloropropane	10.06	75	3030	0.370	ug/L #	44

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.159 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

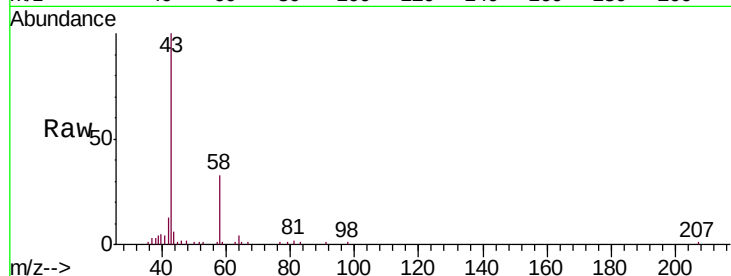
C0X45

Tgt Ion: 43 Resp: 24000

Ion Ratio Lower Upper

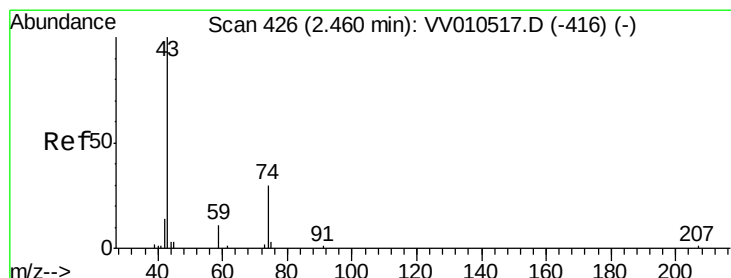
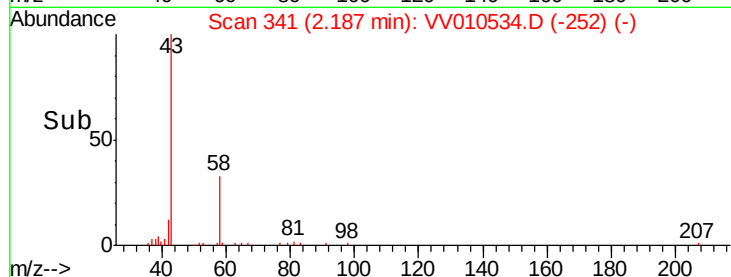
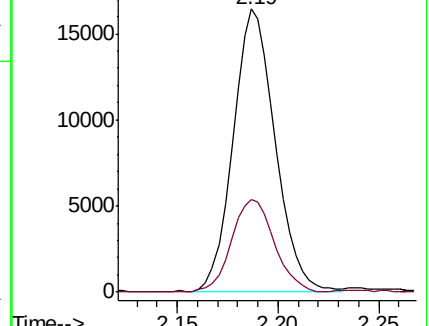
43 100

58 33.2 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.481 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.14 min

Lab File: VV010534.D

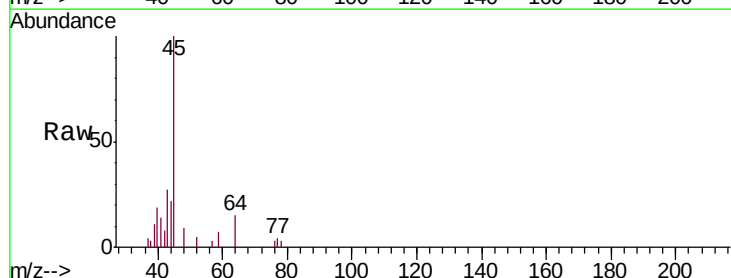
Acq: 27 Apr 2019 07:18

Tgt Ion: 43 Resp: 2230

Ion Ratio Lower Upper

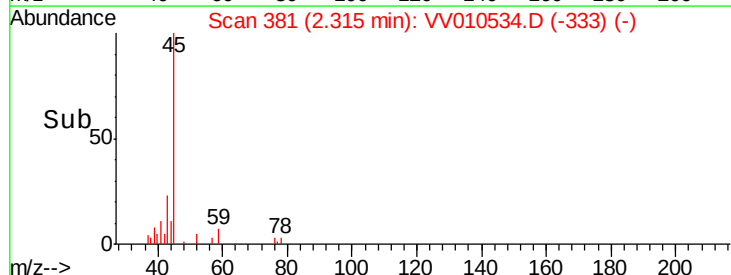
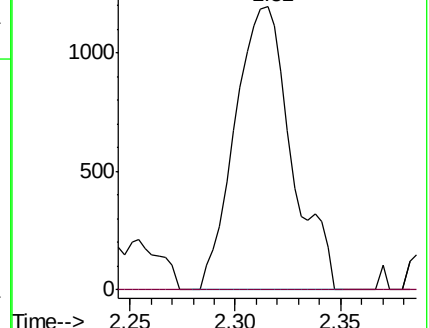
43 100

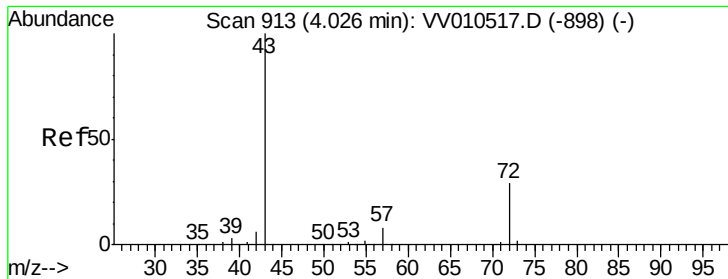
74 0.0 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#21

2-Butanone

Concen: 26.766 ug/L

RT: 4.13 min Scan# 944

Delta R.T. 0.10 min

Lab File: VV010534.D

Acq: 27 Apr 2019 07:18

Instrument :

MSVOA_V

ClientSampleId :

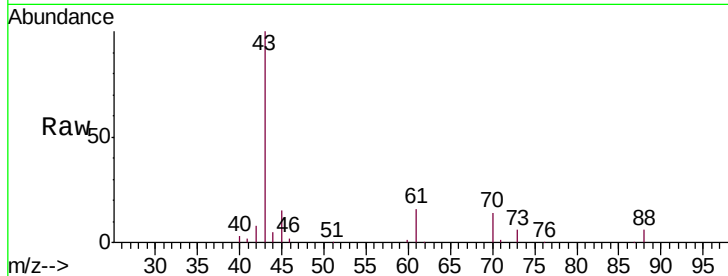
C0X45

Tgt Ion: 43 Resp: 77377

Ion Ratio Lower Upper

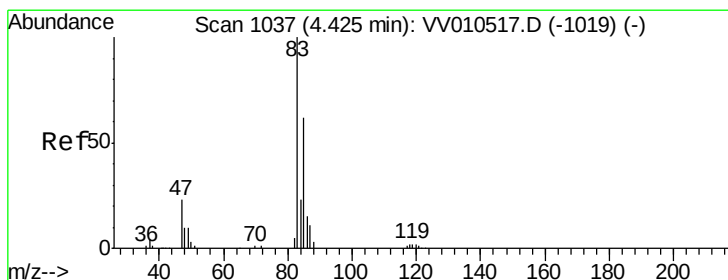
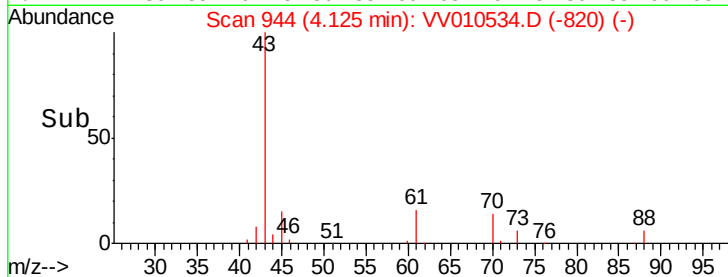
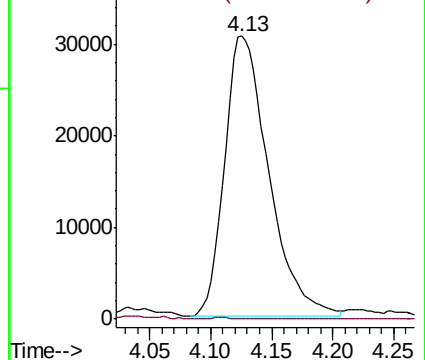
43 100

72 0.2 14.6 43.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.378 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV010534.D

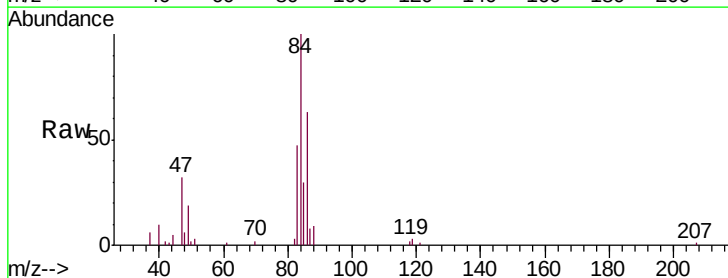
Acq: 27 Apr 2019 07:18

Tgt Ion: 83 Resp: 10903

Ion Ratio Lower Upper

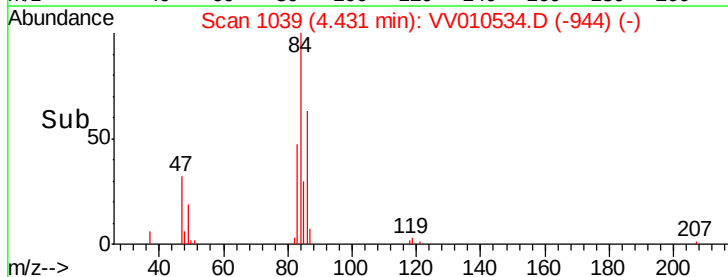
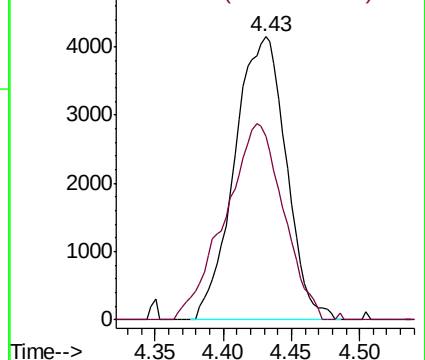
83 100

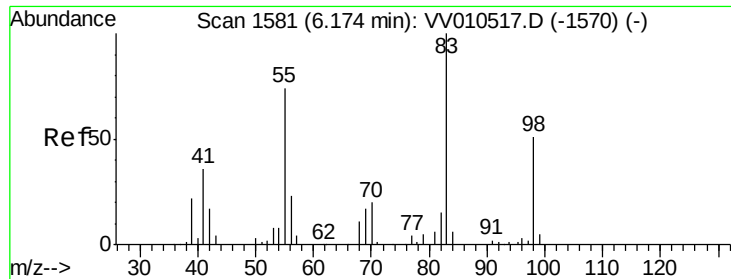
85 64.7 43.6 81.0



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

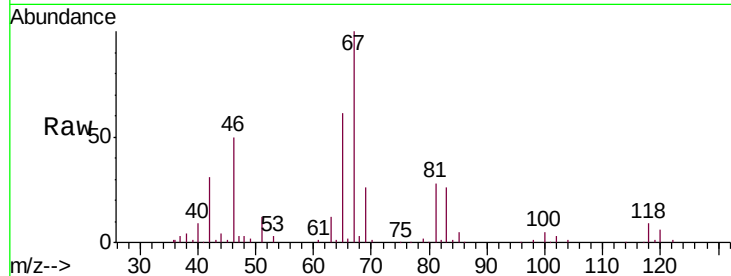




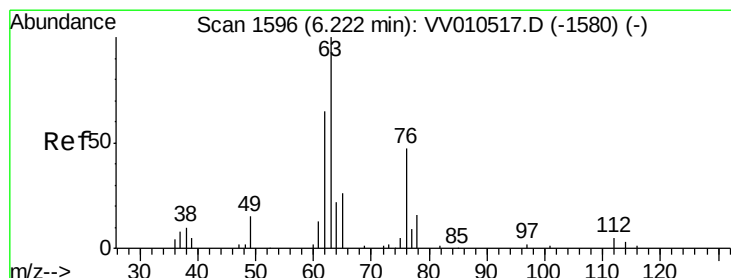
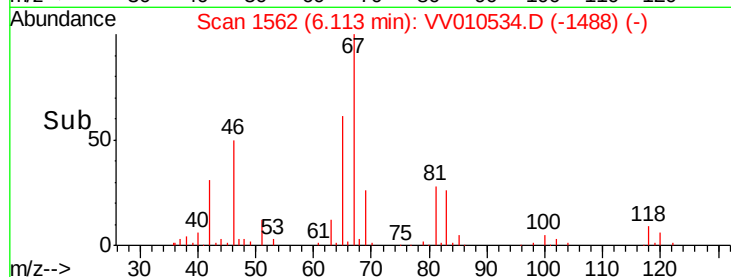
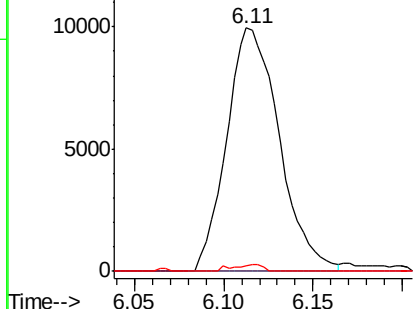
#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010534.D
Acq: 27 Apr 2019 07:18

Instrument :
MSVOA_V
ClientSampleId :
C0X45

Tgt Ion: 83 Resp: 20478
Ion Ratio Lower Upper
83 100
55 0.0 58.0 87.0#
98 1.6 40.4 60.6#

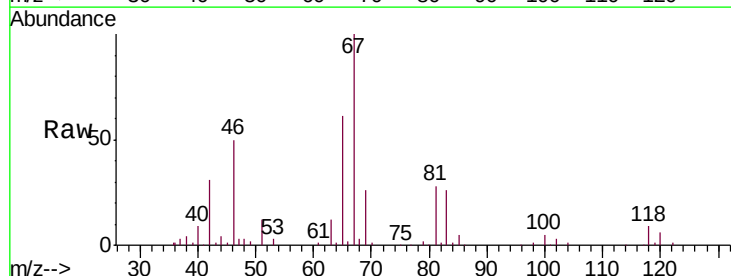


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

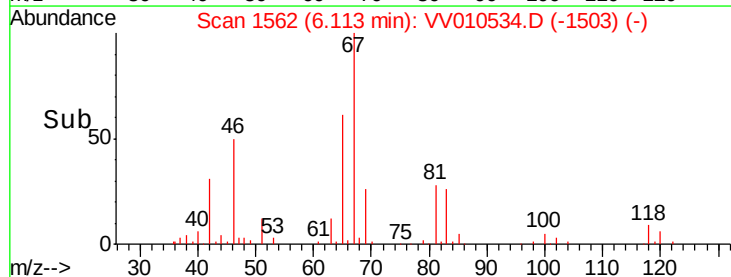
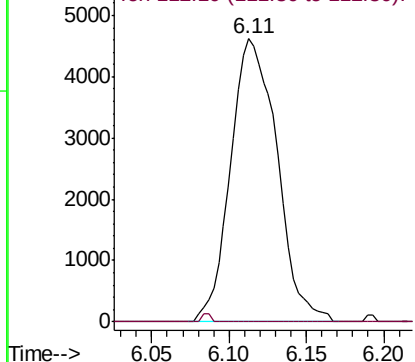


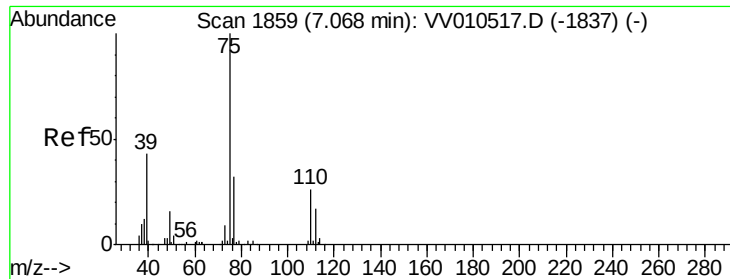
#37
1,2-Dichloropropane
Concen: 0.753 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010534.D
Acq: 27 Apr 2019 07:18

Tgt Ion: 63 Resp: 9624
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



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

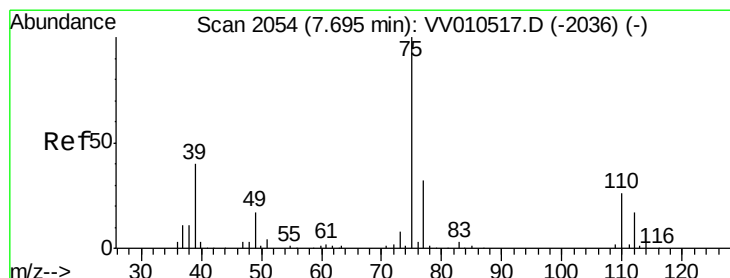
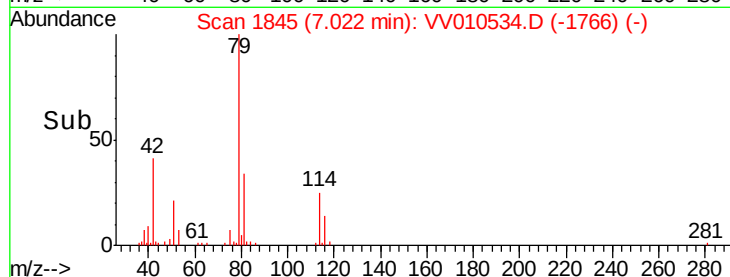
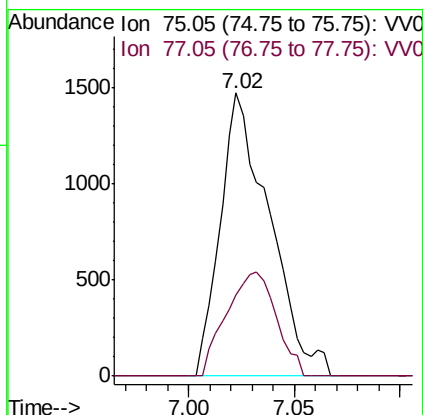
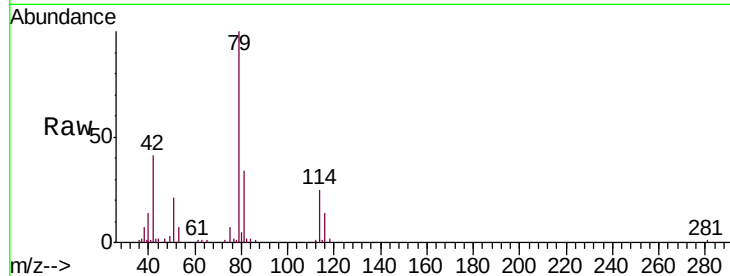




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010534.D
 Acq: 27 Apr 2019 07:18

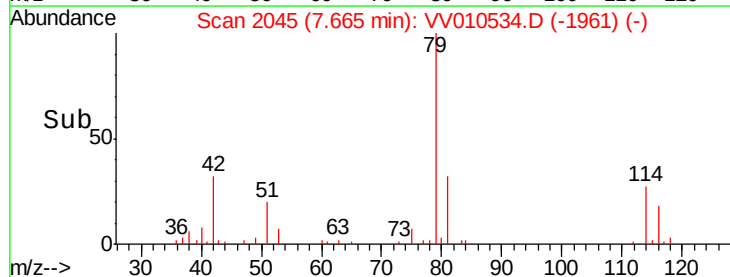
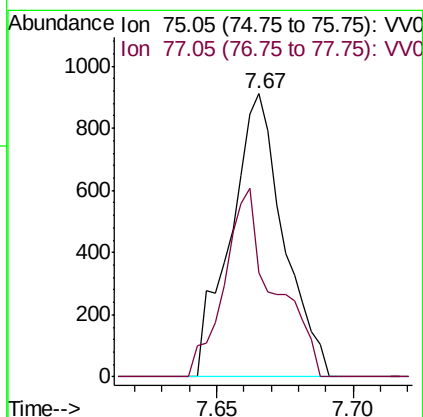
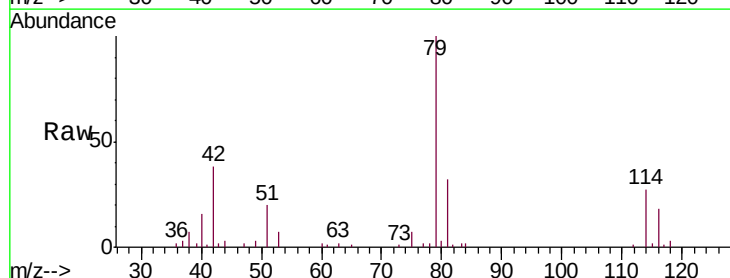
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X45

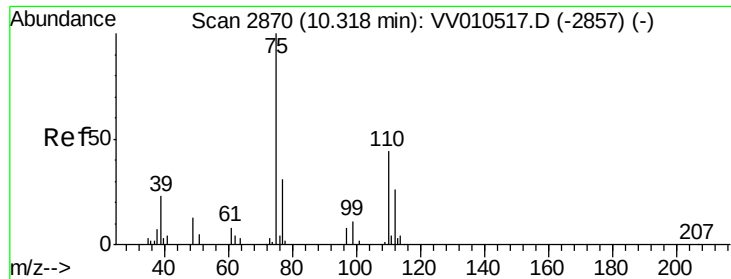
Tgt Ion: 75 Resp: 2383
 Ion Ratio Lower Upper
 75 100
 77 28.6 21.6 40.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010534.D
 Acq: 27 Apr 2019 07:18

Tgt Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 77 36.8 23.0 42.6





#59
 1,2,3-Trichloropropane
 Concen: 0.370 ug/L
 RT: 10.06 min Scan# 2789
 Delta R.T. -0.26 min
 Lab File: VV010534.D
 Acq: 27 Apr 2019 07:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X45

Tgt Ion: 75 Resp: 3030
 Ion Ratio Lower Upper
 75 100
 77 1.5 26.9 40.3#

