

Data File : VV010560.D
Acq On : 29 Apr 2019 21:03
Operator : SY/MD
Sample : K2593-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XG9

Quant Time: Apr 30 06:50:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	217860	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47106	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.57	69	33161	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.13	63	62388	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.94	46	125214	45.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.62%
24) Chloroform-d	4.40	84	125730	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	65361	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	245881	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	70553	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	233362	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	25458	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	107922	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54800	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	101512	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

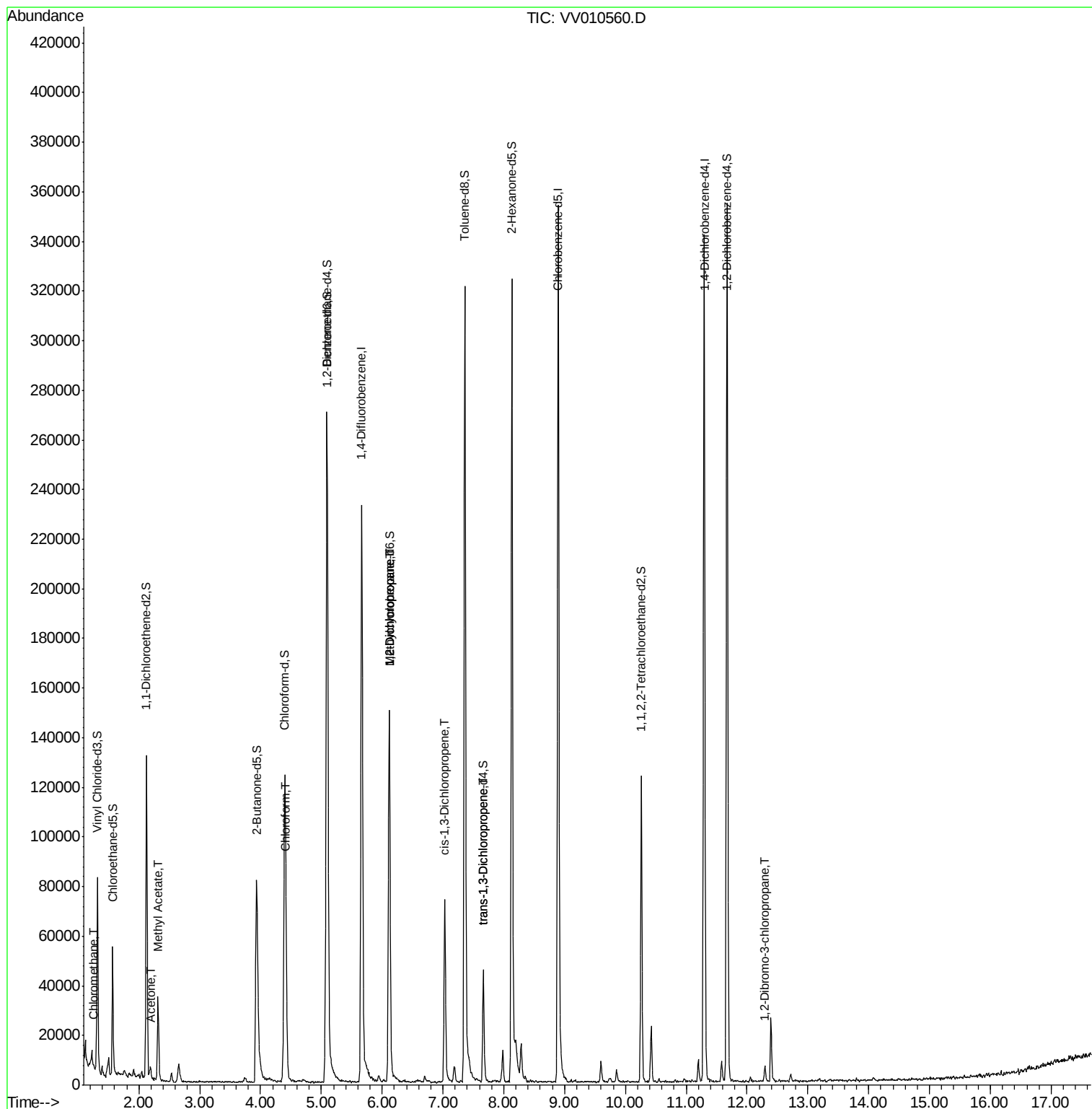
						Qvalue
3) Chloromethane	1.25	50	939	0.081	ug/L	90
13) Acetone	2.19	43	3420	2.512	ug/L	93
15) Methyl Acetate	2.31	43	8821	1.953	ug/L #	45
25) Chloroform	4.43	83	10072	0.358	ug/L	93
35) Methylcyclohexane	6.12	83	18207	0.845	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	8964	0.681	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2190	0.115	ug/L #	83
44) trans-1,3-Dichloropropene	7.67	75	1476	0.099	ug/L	88
66) 1,2-Dibromo-3-chloropropan	12.30	75	140	0.083	ug/L #	1

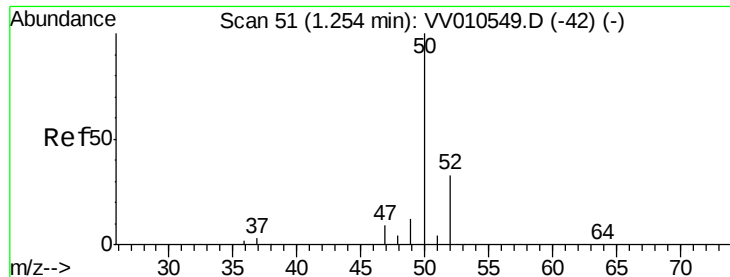
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV010560.D

Acq: 29 Apr 2019 21:03

Instrument :

MSVOA_V

ClientSampleId :

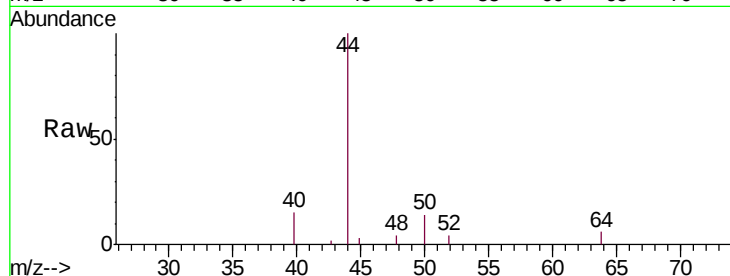
C0XG9

Tgt Ion: 50 Resp: 939

Ion Ratio Lower Upper

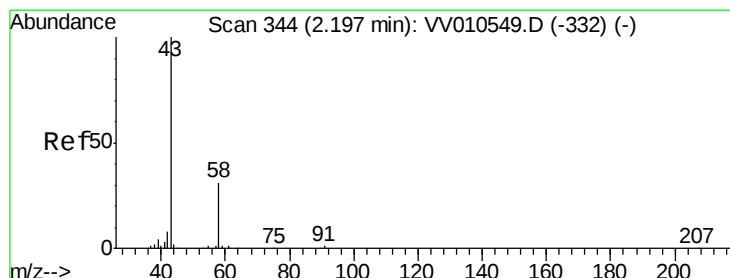
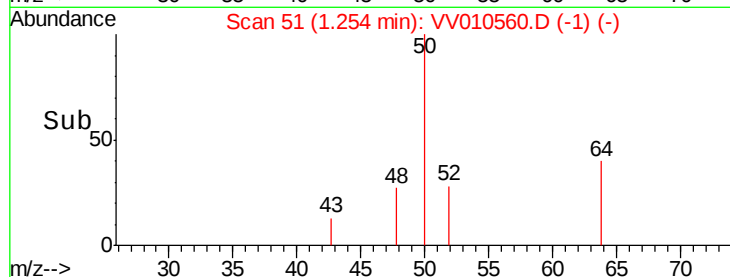
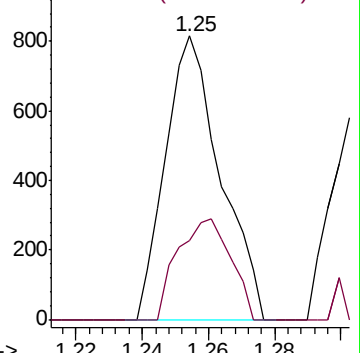
50 100

52 27.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV010549.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV010549.D (-42) (-)



#13

Acetone

Concen: 2.512 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV010560.D

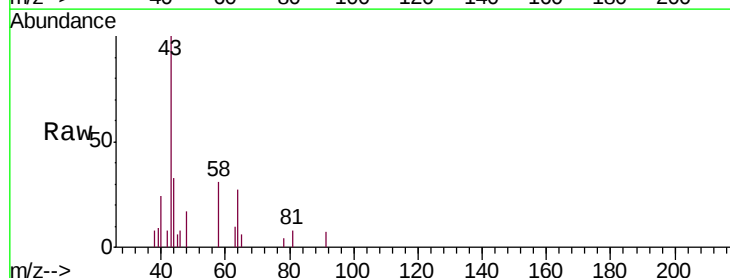
Acq: 29 Apr 2019 21:03

Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

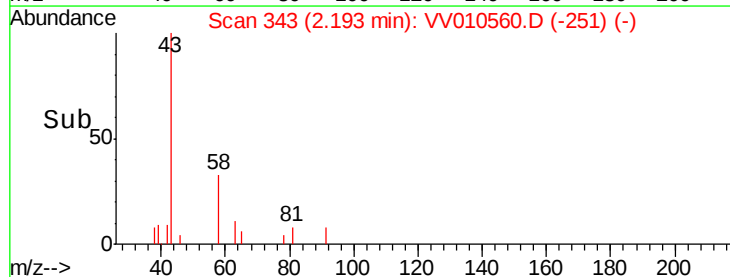
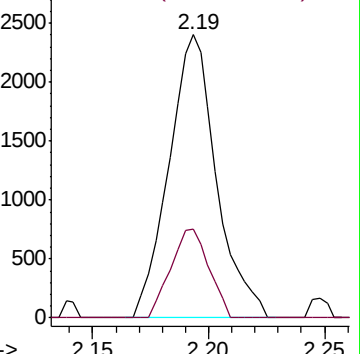
43 100

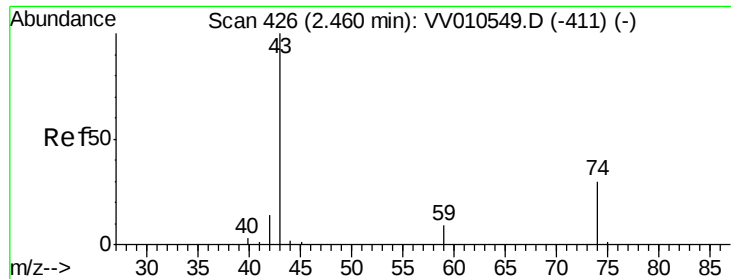
58 25.1 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV010549.D (-332) (-)





#15

Methyl Acetate

Concen: 1.953 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.15 min

Lab File: VV010560.D

Acq: 29 Apr 2019 21:03

Instrument :

MSVOA_V

ClientSampleId :

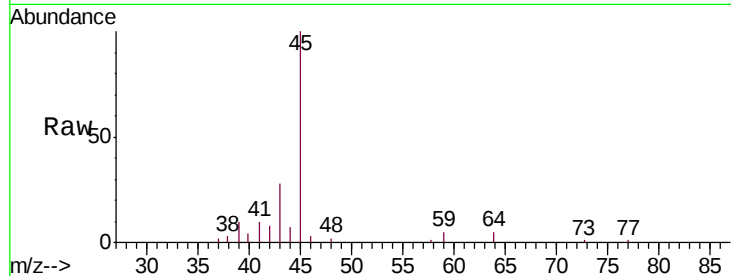
C0XG9

Tgt Ion: 43 Resp: 8821

Ion Ratio Lower Upper

43 100

74 0.2 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-411) (-)

Ion 74.05 (73.75 to 74.75): VV010549.D (-411) (-)

2.31

Time-->

2.25 2.30 2.35

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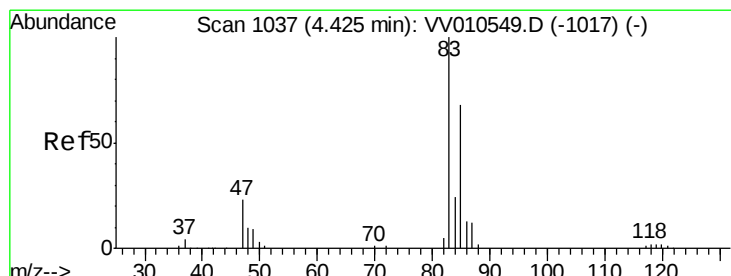
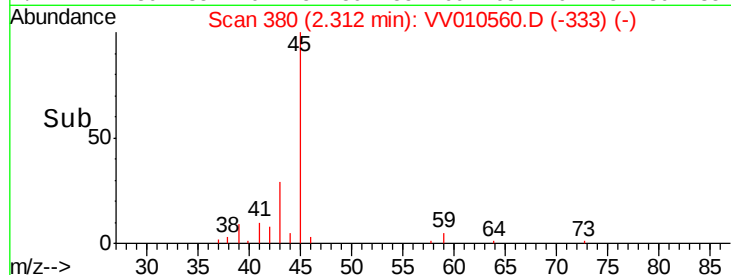
2.31

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2.31



#25

Chloroform

Concen: 0.358 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010560.D

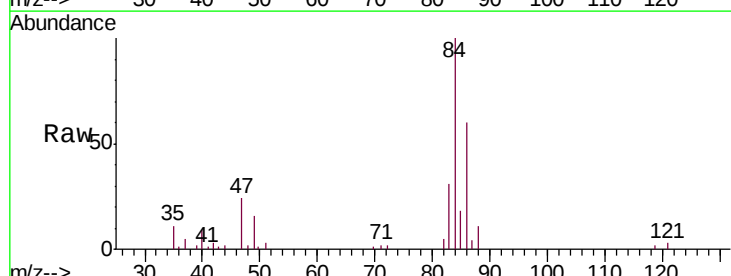
Acq: 29 Apr 2019 21:03

Tgt Ion: 83 Resp: 10072

Ion Ratio Lower Upper

83 100

85 57.1 43.6 81.0



Abundance Ion 83.05 (82.75 to 83.75): VV010549.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV010549.D (-1017) (-)

4.43

Time-->

4.35 4.40 4.45 4.50

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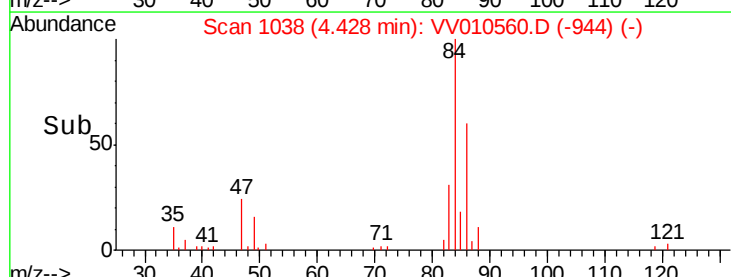
4.43

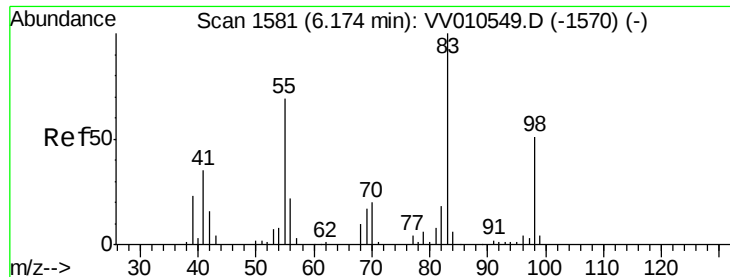
4.43

4.43

4.43

4.43





#35

Methylcyclohexane

Concen: 0.845 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010560.D

Acq: 29 Apr 2019 21:03

Instrument :

MSVOA_V

ClientSampleId :

C0XG9

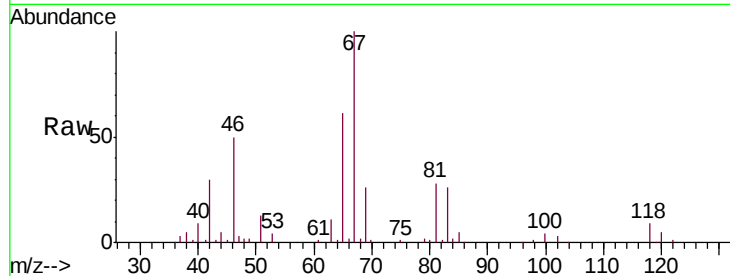
Tgt Ion: 83 Resp: 18207

Ion Ratio Lower Upper

83 100

55 0.0 58.0 87.0#

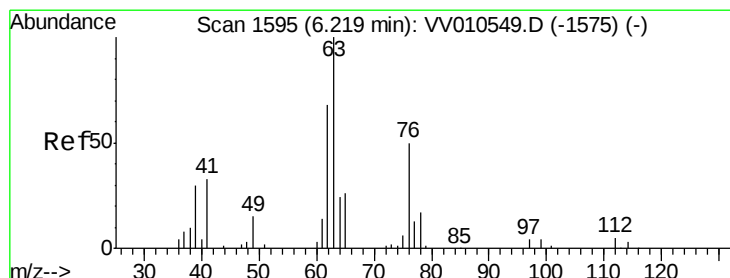
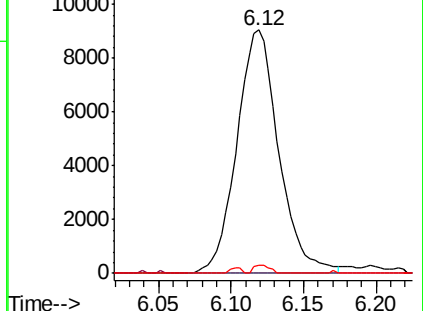
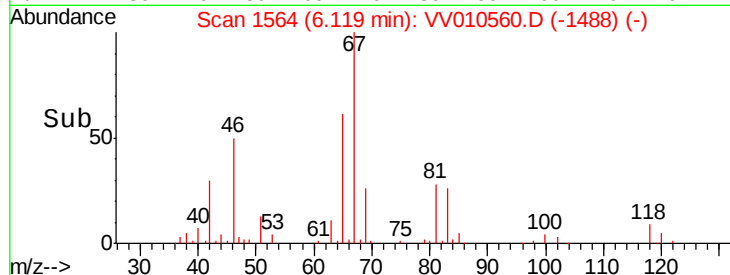
98 1.3 40.4 60.6#



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: 0.681 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010560.D

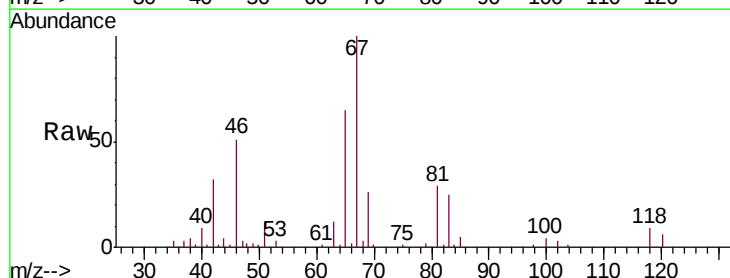
Acq: 29 Apr 2019 21:03

Tgt Ion: 63 Resp: 8964

Ion Ratio Lower Upper

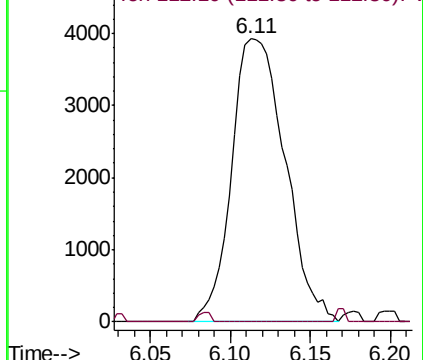
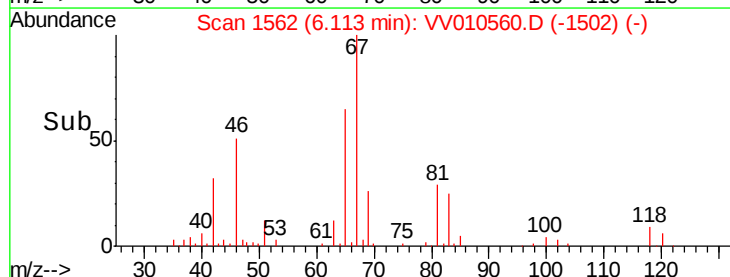
63 100

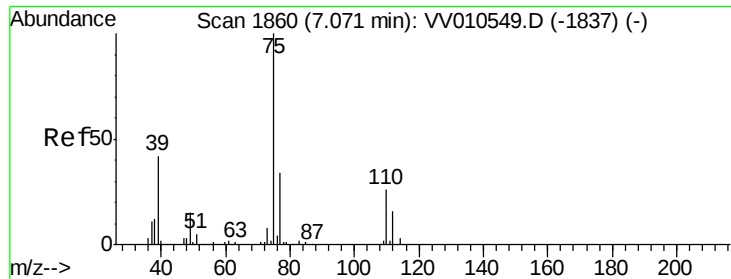
112 0.8 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

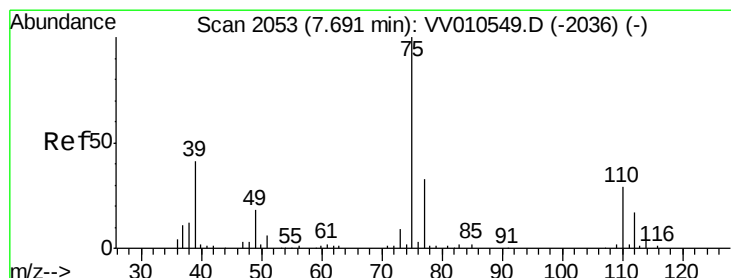
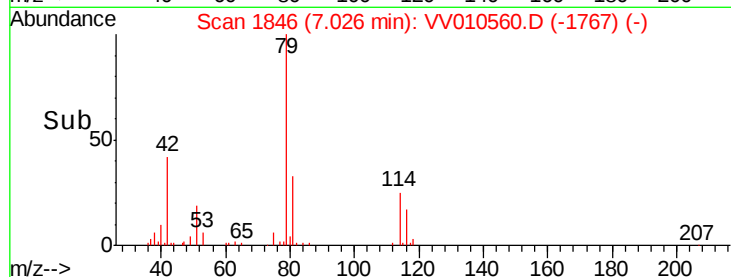
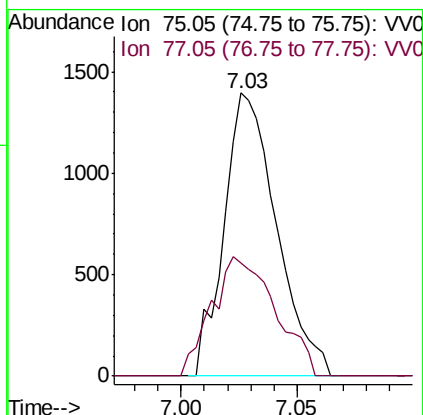
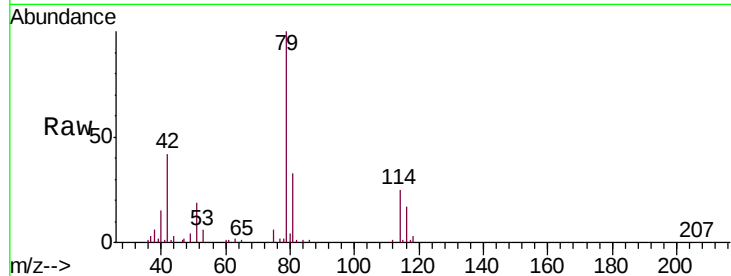




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010560.D
 Acq: 29 Apr 2019 21:03

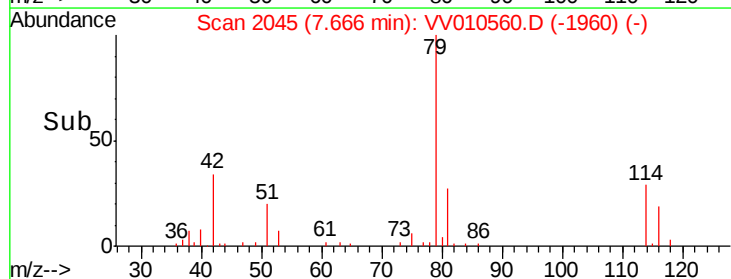
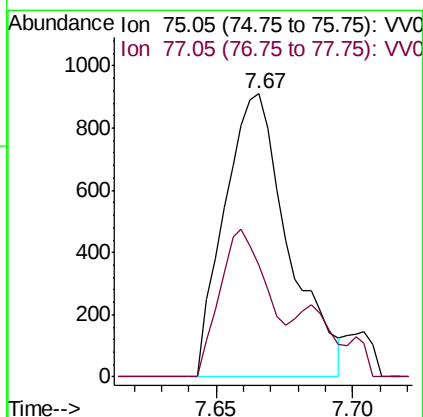
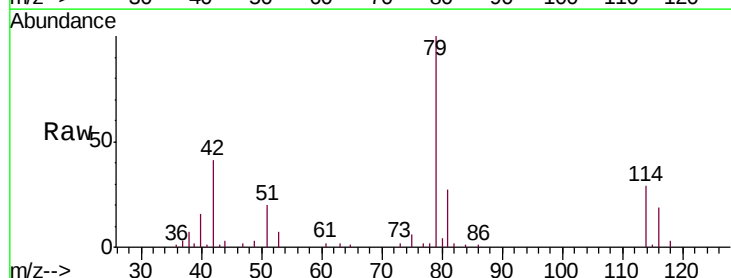
Instrument :
 MSVOA_V
 ClientSampled :
 C0XG9

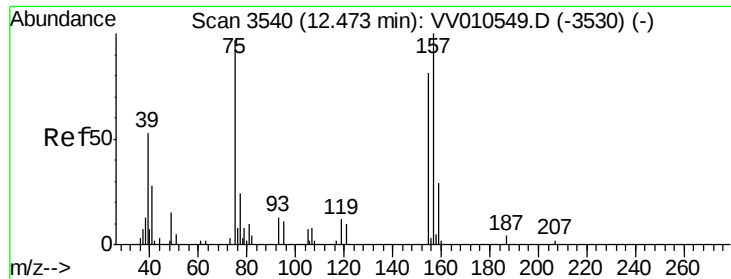
Tgt Ion: 75 Resp: 2190
 Ion Ratio Lower Upper
 75 100
 77 40.1 21.6 40.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010560.D
 Acq: 29 Apr 2019 21:03

Tgt Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.0 42.6





#66

1,2-Dibromo-3-chloropropane

Concen: 0.083 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.17 min

Lab File: VV010560.D

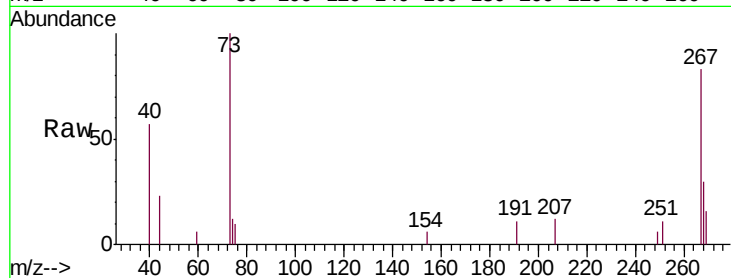
Acq: 29 Apr 2019 21:03

Instrument :

MSVOA_V

ClientSampleId :

C0XG9



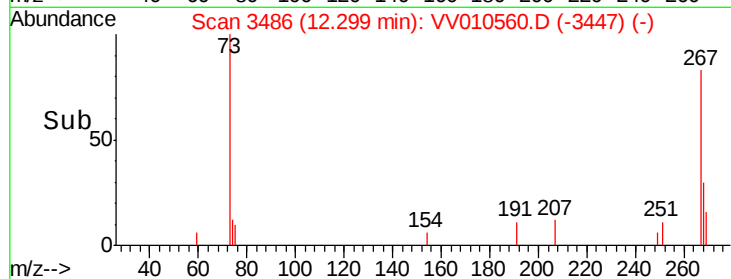
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

155 0.0 73.4 110.0#

157 0.0 99.4 149.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

