

Data File : VV010557.D
Acq On : 29 Apr 2019 19:47
Operator : SY/MD
Sample : K2590-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XE8

Quant Time: Apr 30 06:50:02 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	218485	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206656	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46375	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	25630	4.51	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	68930	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	123683	45.12	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.40	84	140650	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	66746	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	275116	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	74055	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	244027	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	26534	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	105698	45.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55647	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	101180	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

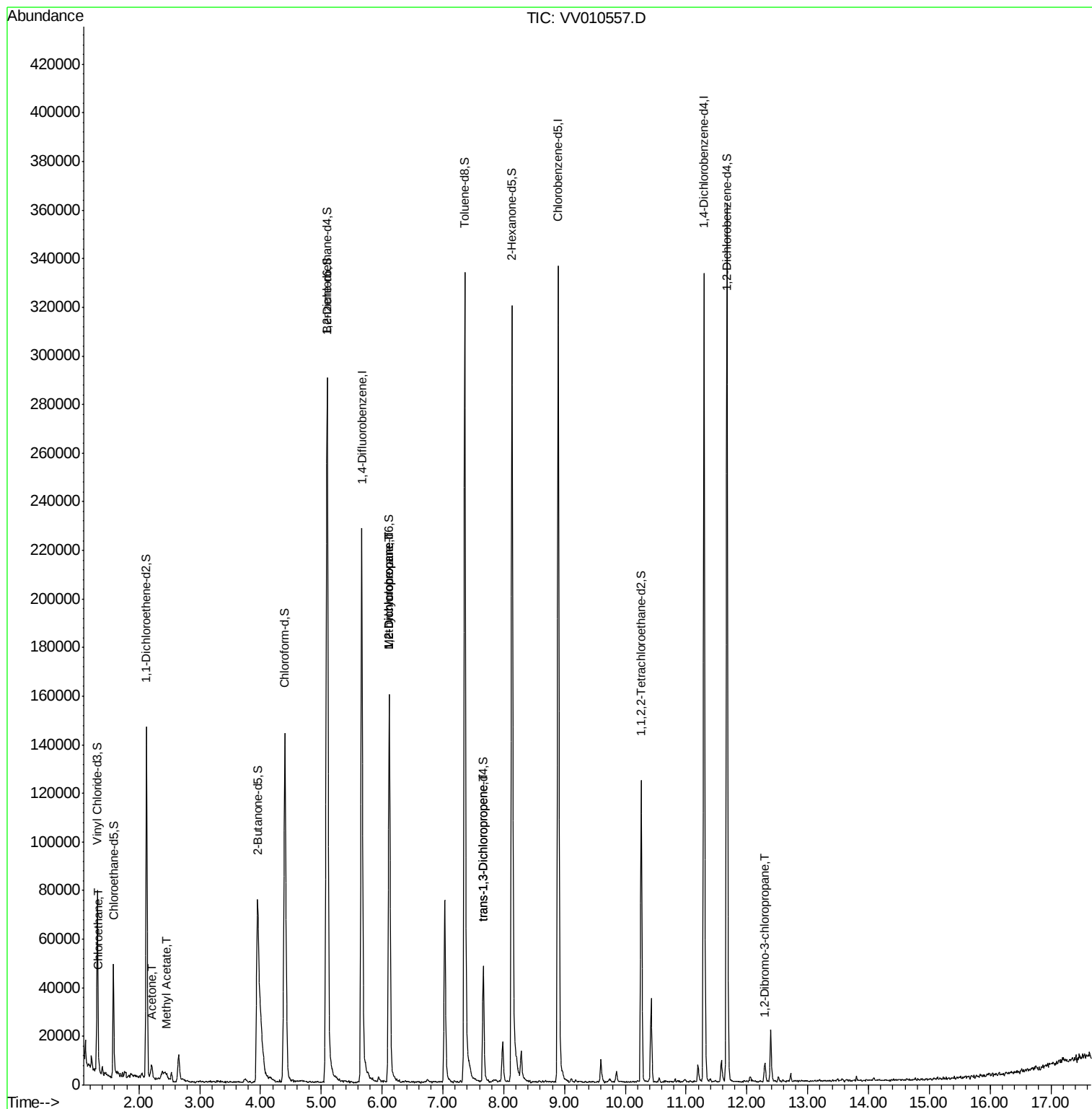
					Qvalue
8) Chloroethane	1.34	64	395	0.081 ug/L	98
13) Acetone	2.21	43	6912	5.062 ug/L	97
15) Methyl Acetate	2.46	43	609	0.134 ug/L #	44
35) Methylcyclohexane	6.12	83	19714	0.976 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8283	0.672 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1366	0.098 ug/L	83
66) 1,2-Dibromo-3-chloropropan	12.30	75	211	0.135 ug/L #	1

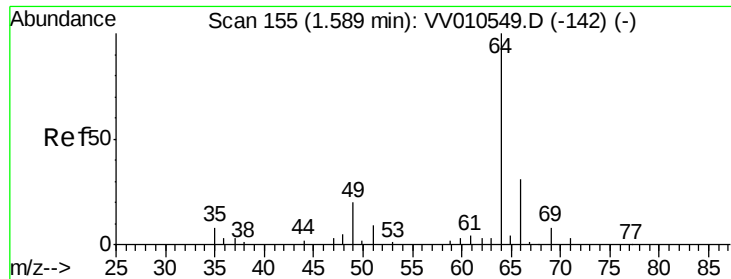
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.34 min Scan# 77

Delta R.T. -0.25 min

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MSVOA_V

ClientSampleId :

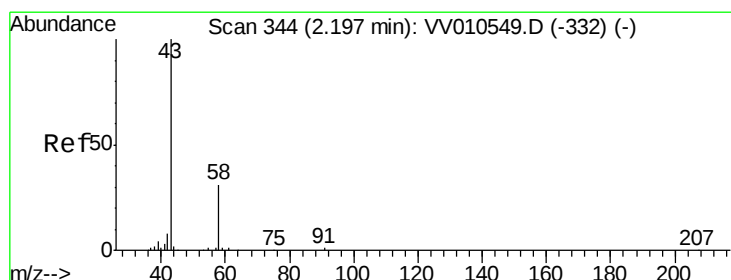
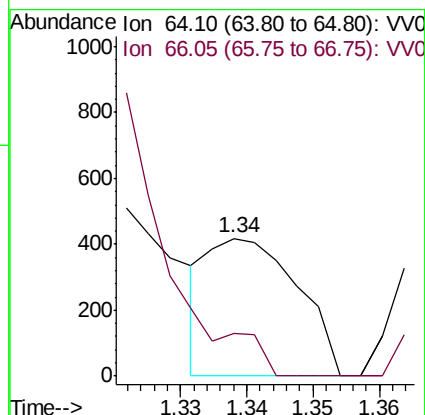
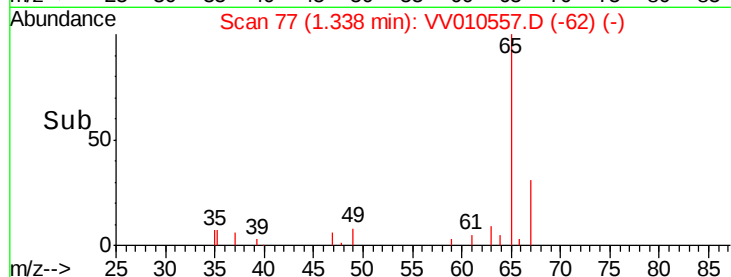
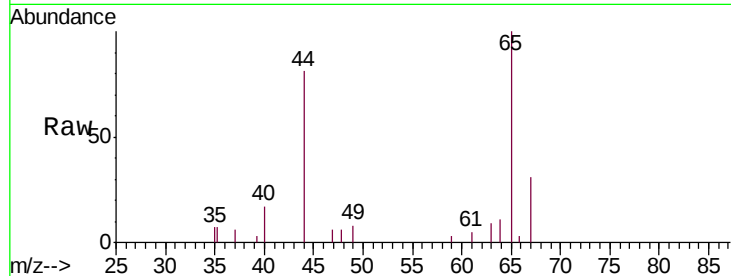
C0XE8

Tgt Ion: 64 Resp: 395

Ion Ratio Lower Upper

64 100

66 30.9 20.7 38.5



#13

Acetone

Concen: 5.062 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.02 min

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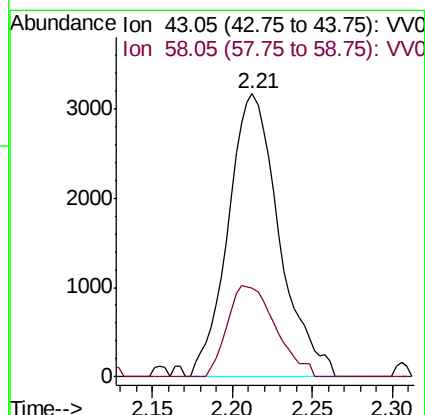
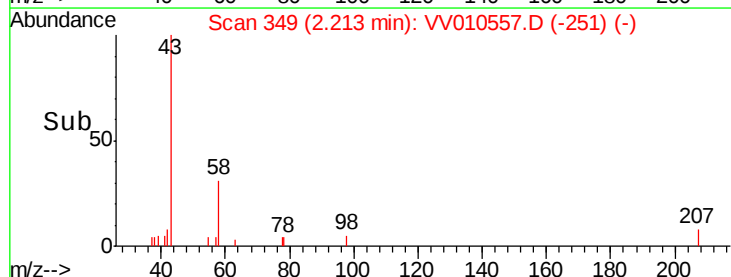
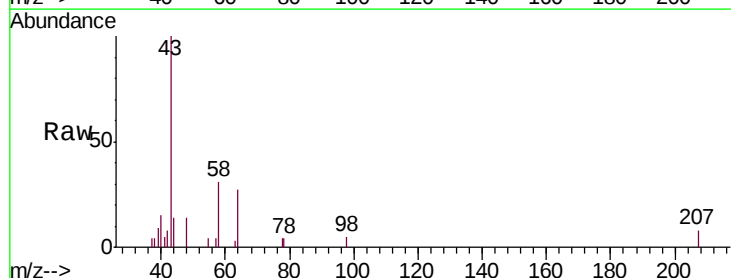
Acq: 29 Apr 2019 19:47

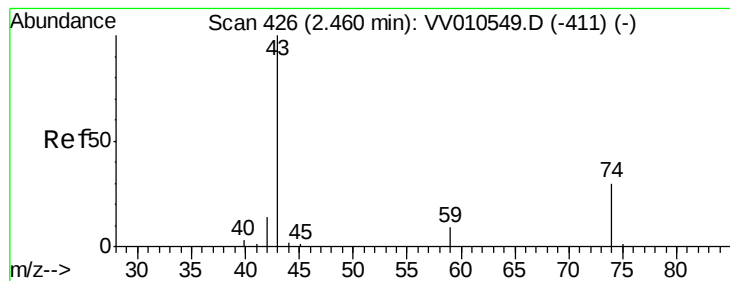
Tgt Ion: 43 Resp: 6912

Ion Ratio Lower Upper

43 100

58 30.5 0.0 57.4





#15

Methyl Acetate

Concen: 0.134 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

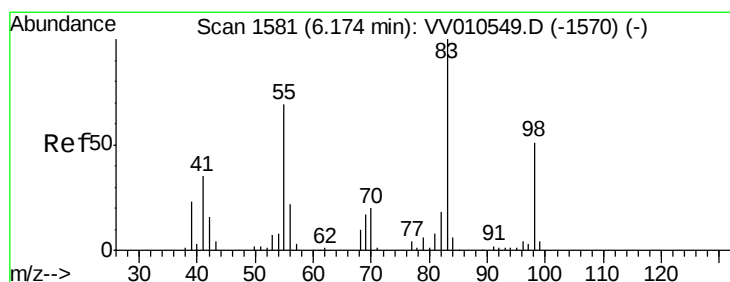
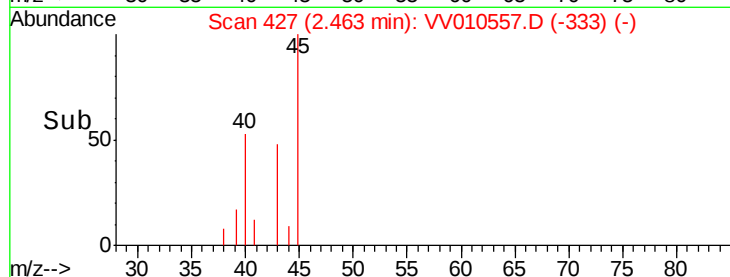
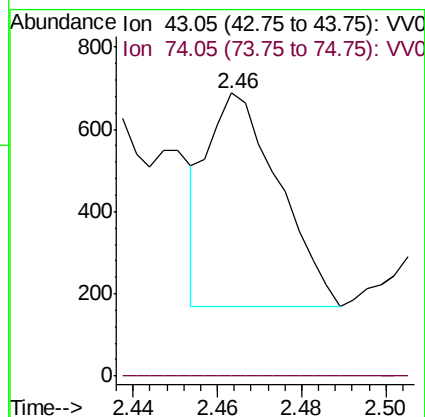
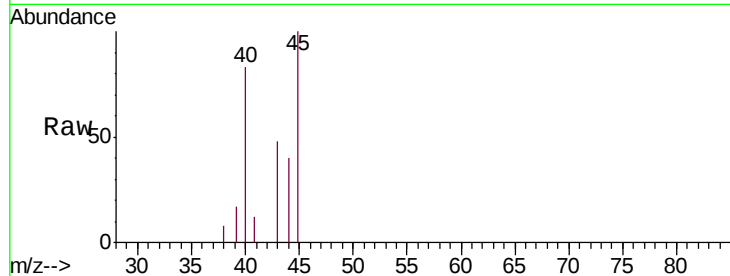
C0XE8

Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.2#



#35

Methylcyclohexane

Concen: 0.976 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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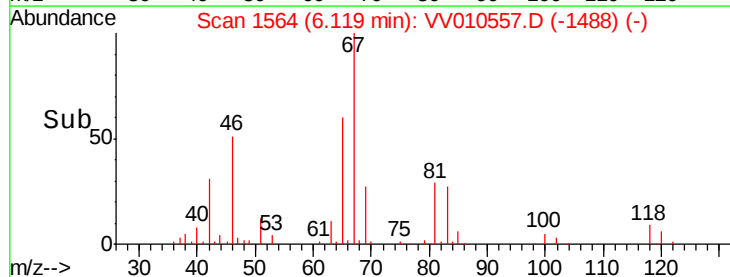
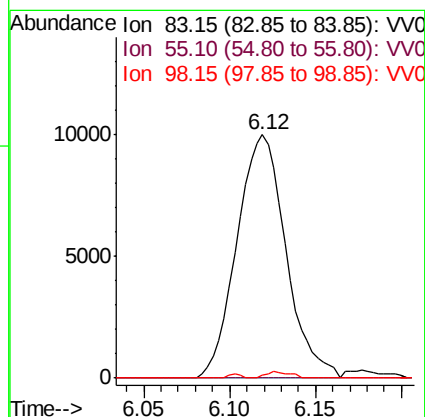
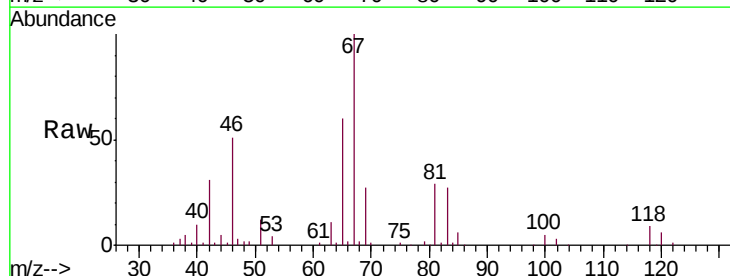
Tgt Ion: 83 Resp: 19714

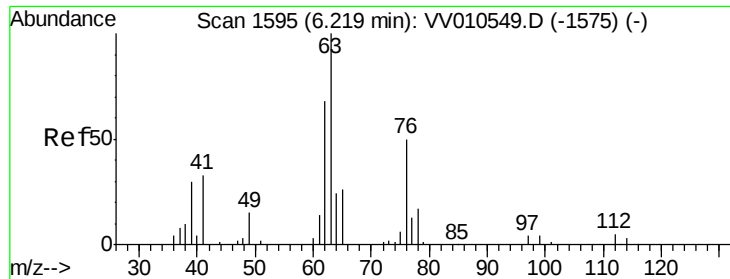
Ion Ratio Lower Upper

83 100

55 0.0 58.0 87.0#

98 1.3 40.4 60.6#

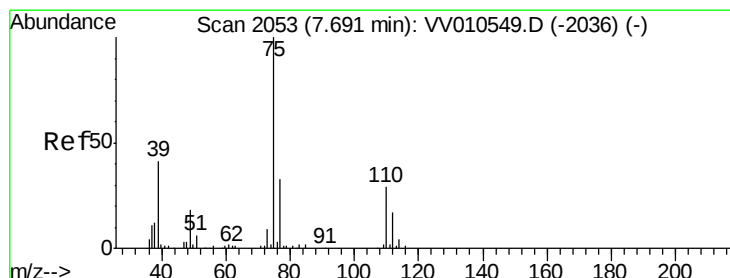
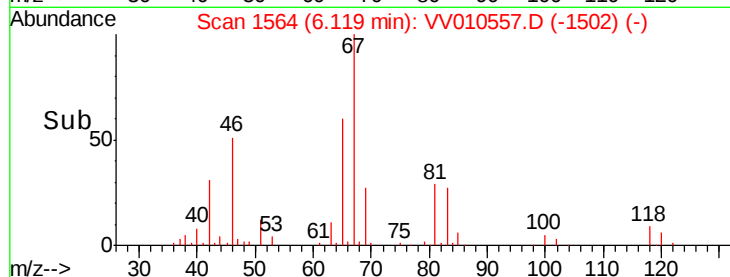
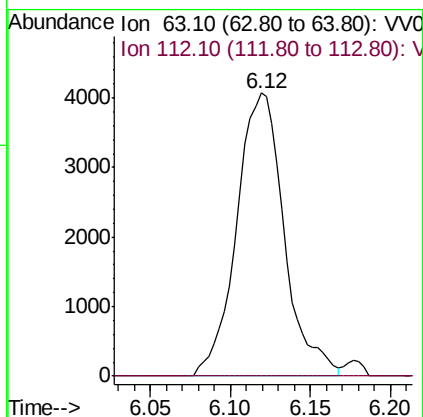
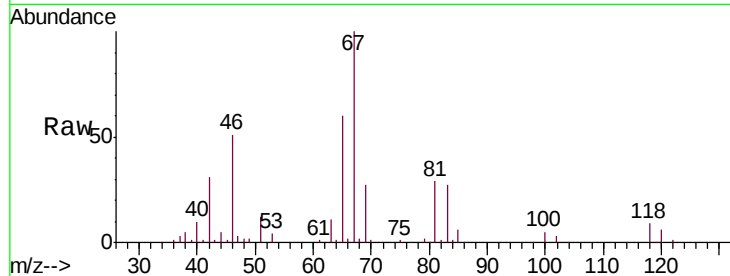




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010557.D
 Acq: 29 Apr 2019 19:47

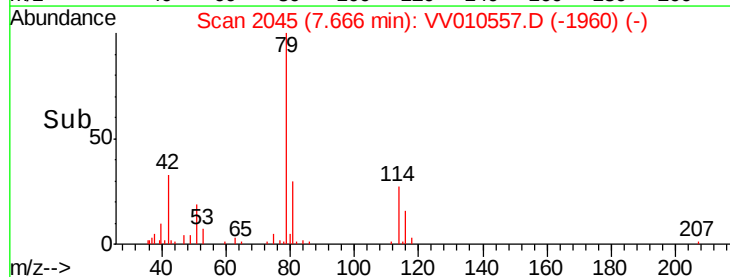
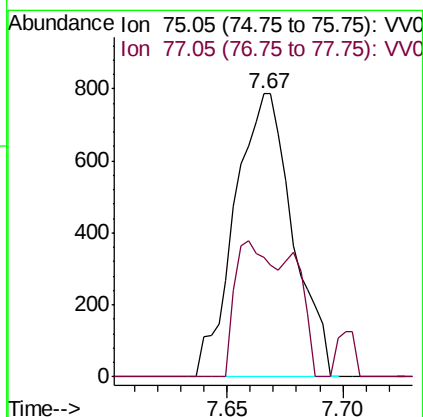
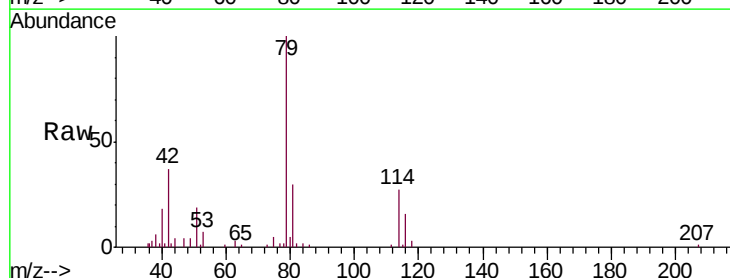
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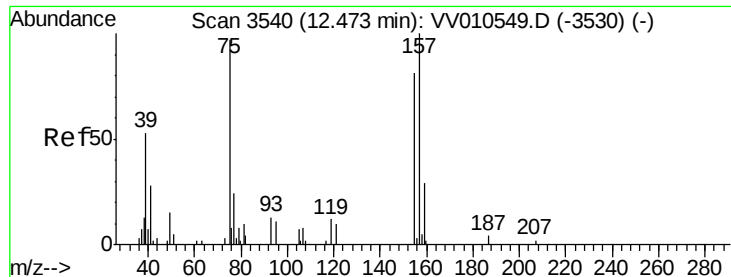
Tgt Ion: 63 Resp: 8283
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010557.D
 Acq: 29 Apr 2019 19:47

Tgt Ion: 75 Resp: 1366
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.0 42.6





#66

1,2-Dibromo-3-chloropropane

Concen: 0.135 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.17 min

Lab File: VV010557.D

Acq: 29 Apr 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

C0XE8

Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

155 0.0 73.4 110.0#

157 0.0 99.4 149.2#

