

Data File : VV011549.D
Acq On : 17 Jun 2019 14:25
Operator : SY/MD
Sample : K3379-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JY1

Quant Time: Jun 18 08:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192277	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	175144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	56890	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	44736	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	85764	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	171852	42.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.14%
24) Chloroform-d	4.40	84	116708	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	67694	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.09	84	228407	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.12	67	72745	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	197220	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	21568	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	131232	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47995	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	61841	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

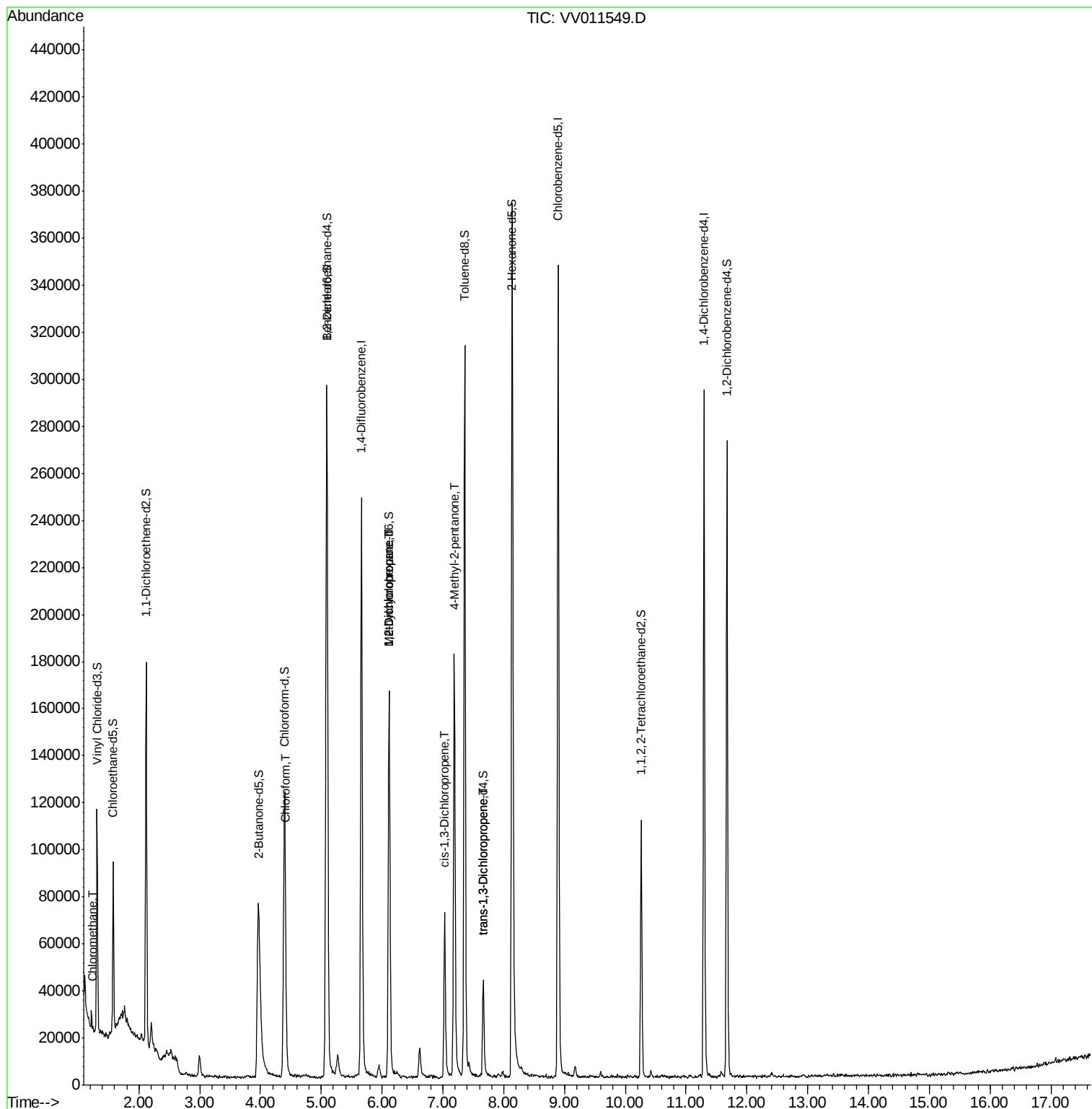
					Qvalue
3) Chloromethane	1.25	50	1612	0.087 ug/L	94
25) Chloroform	4.42	83	4908	0.175 ug/L	97
35) Methylcyclohexane	6.12	83	17868	0.859 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9293	0.610 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2363	0.123 ug/L #	79
40) 4-Methyl-2-pentanone	7.19	43	90428	8.330 ug/L #	49
44) trans-1,3-Dichloropropene	7.67	75	1262	0.086 ug/L #	59

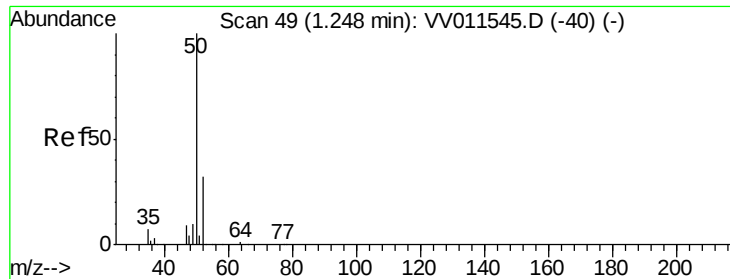
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011549.D

Acq: 17 Jun 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

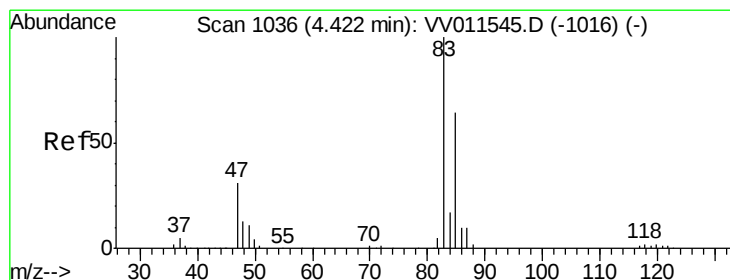
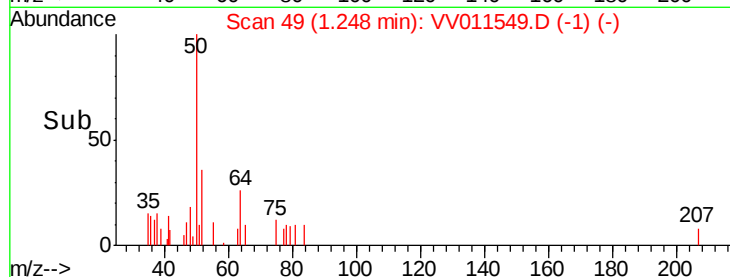
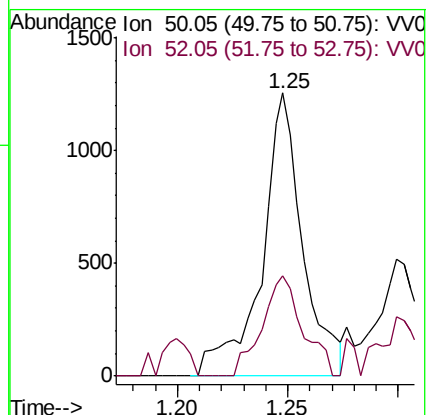
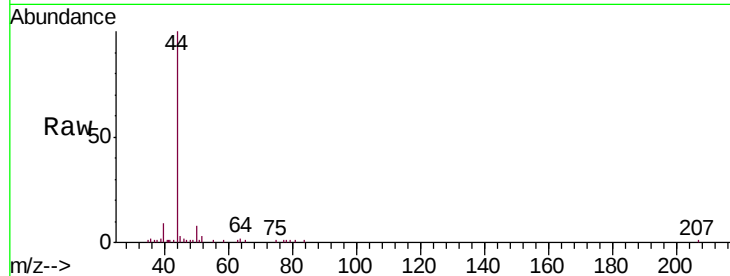
C0JY1

Tgt Ion: 50 Resp: 1612

Ion Ratio Lower Upper

50 100

52 35.6 22.7 42.1



#25

Chloroform

Concen: 0.175 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV011549.D

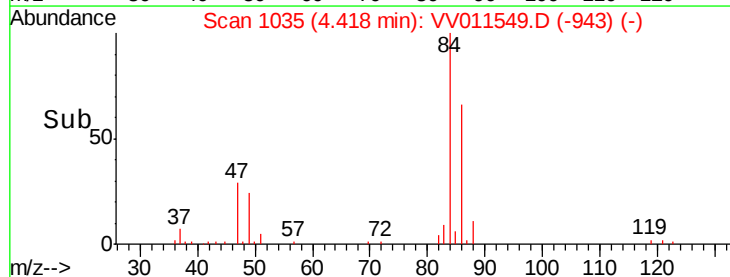
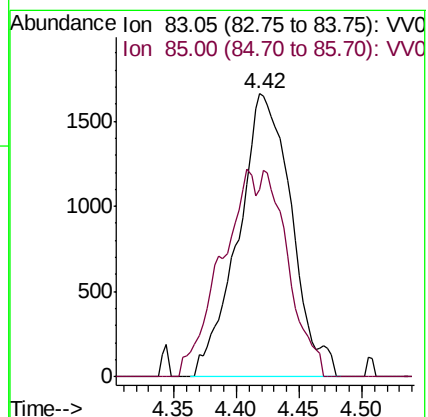
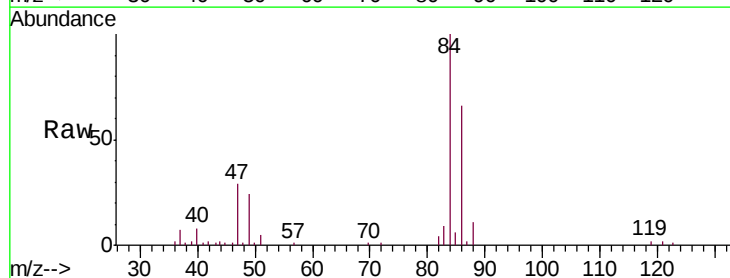
Acq: 17 Jun 2019 14:25

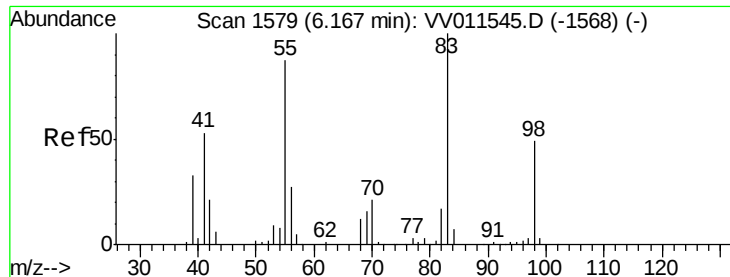
Tgt Ion: 83 Resp: 4908

Ion Ratio Lower Upper

83 100

85 66.3 44.6 82.8

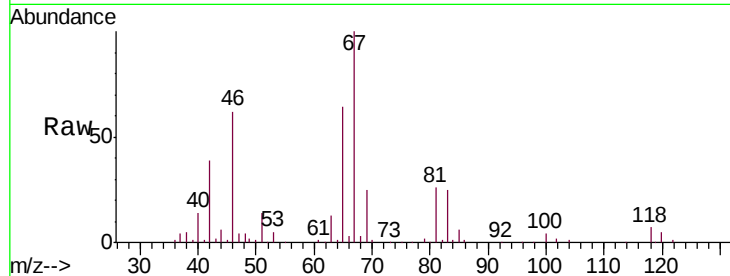




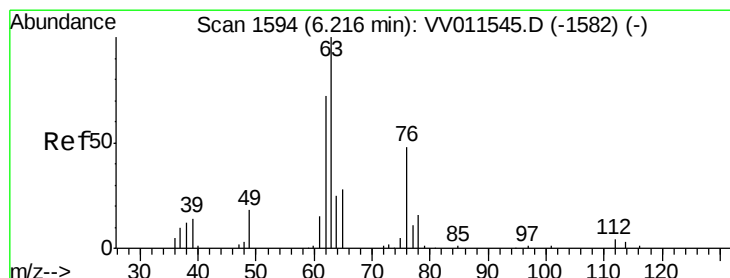
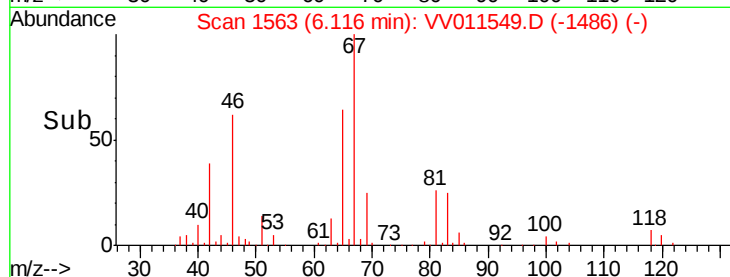
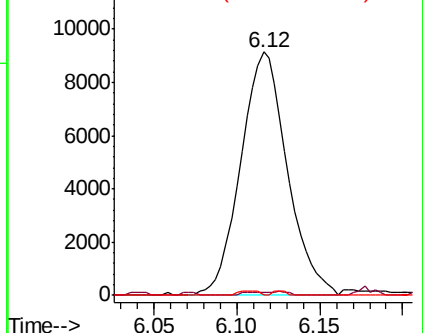
#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011549.D
Acq: 17 Jun 2019 14:25

Instrument :
MSVOA_V
ClientSampleId :
C0JY1

Tgt Ion: 83 Resp: 17868
Ion Ratio Lower Upper
83 100
55 0.7 67.9 101.9#
98 0.5 39.6 59.4#

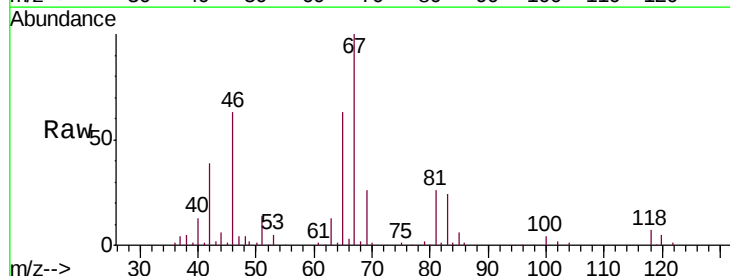


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

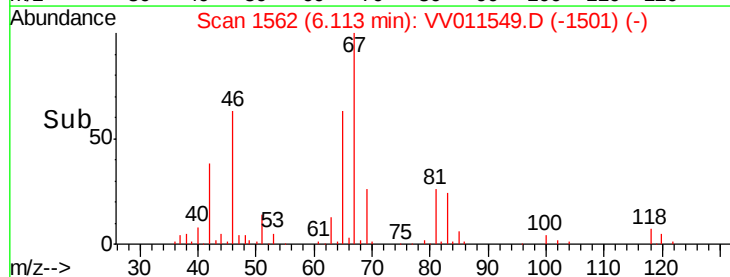
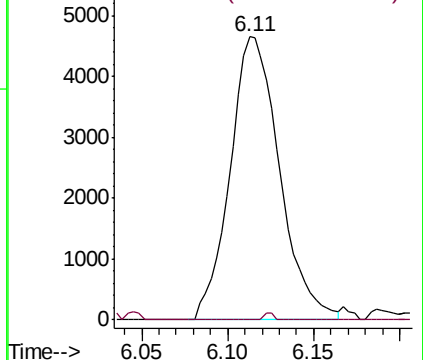


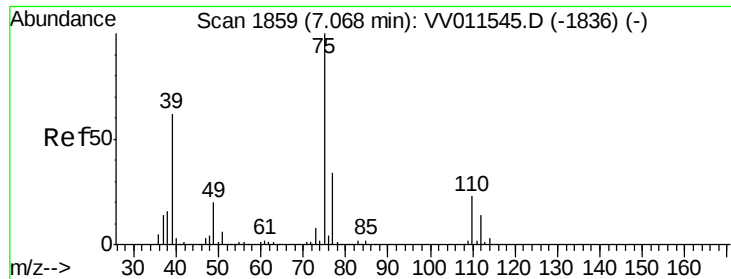
#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011549.D
Acq: 17 Jun 2019 14:25

Tgt Ion: 63 Resp: 9293
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: 0.123 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011549.D

Acq: 17 Jun 2019 14:25

Instrument :

MSVOA_V

ClientSampled :

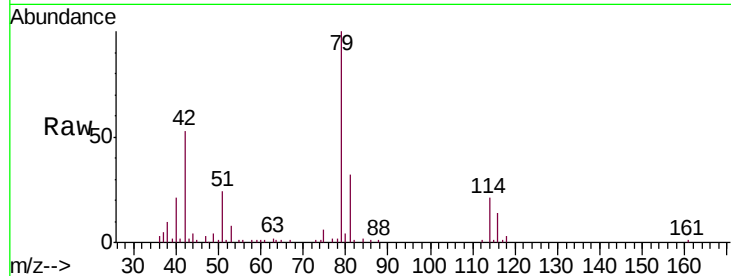
C0JY1

Tgt Ion: 75 Resp: 2363

Ion Ratio Lower Upper

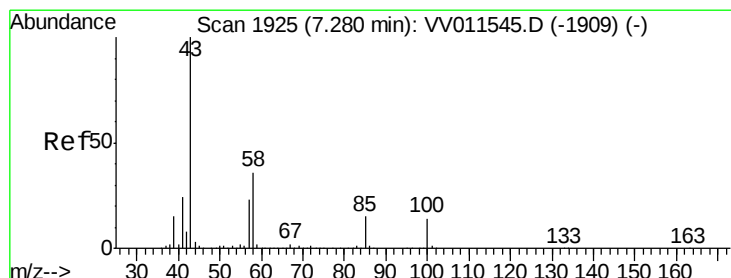
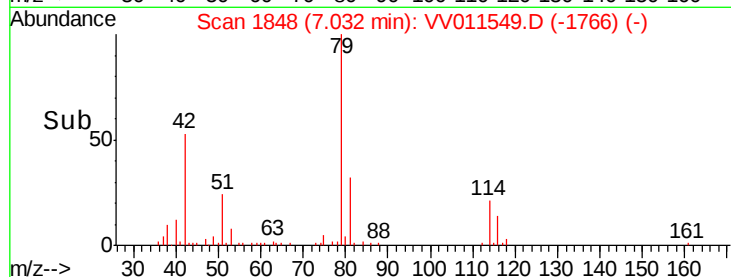
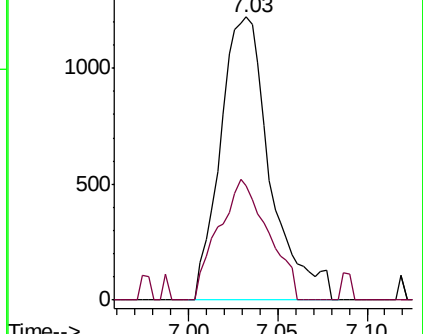
75 100

77 40.5 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 8.330 ug/L

RT: 7.19 min Scan# 1896

Delta R.T. -0.09 min

Lab File: VV011549.D

Acq: 17 Jun 2019 14:25

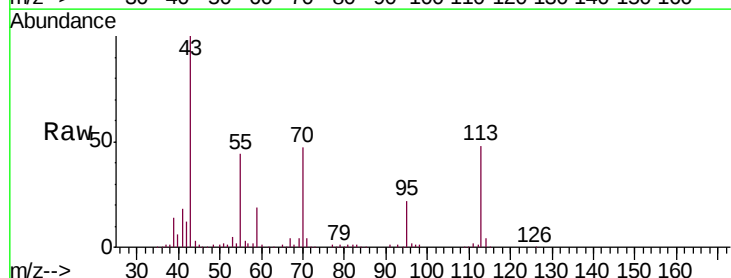
Tgt Ion: 43 Resp: 90428

Ion Ratio Lower Upper

43 100

58 1.8 28.7 43.1#

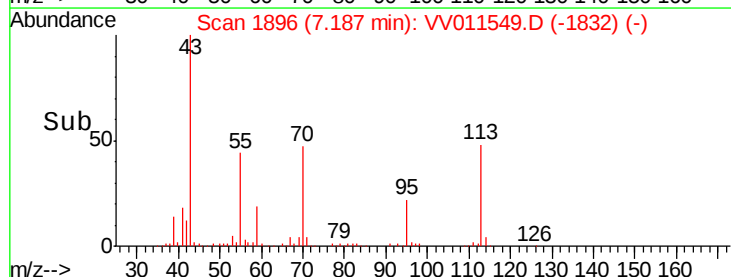
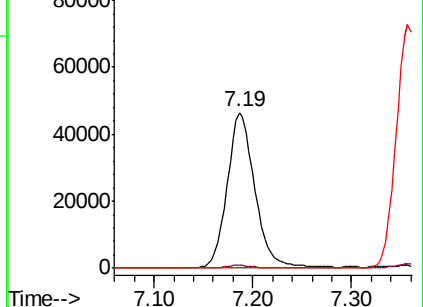
100 0.0 10.6 15.8#

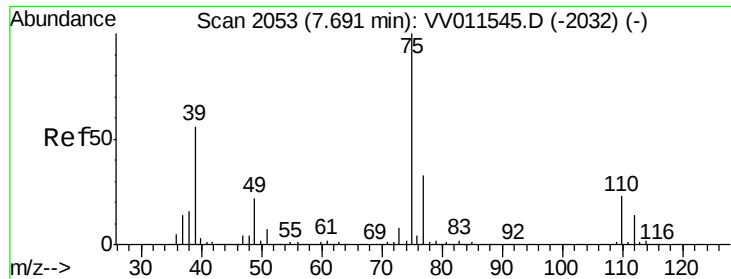


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011549.D

Acq: 17 Jun 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

C0JY1

Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 55.5 22.8 42.4#

