

Data File : VV011879.D
Acq On : 12 Jul 2019 20:45
Operator : SY/MD
Sample : K3772-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52Q4

Quant Time: Jul 13 04:25:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154311	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58171	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	47757	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	81090	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.94	46	146483	60.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.38%
24) Chloroform-d	4.40	84	106090	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	58426	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	216778	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	66552	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	185278	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	20137	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	96785	53.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36977	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67430	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

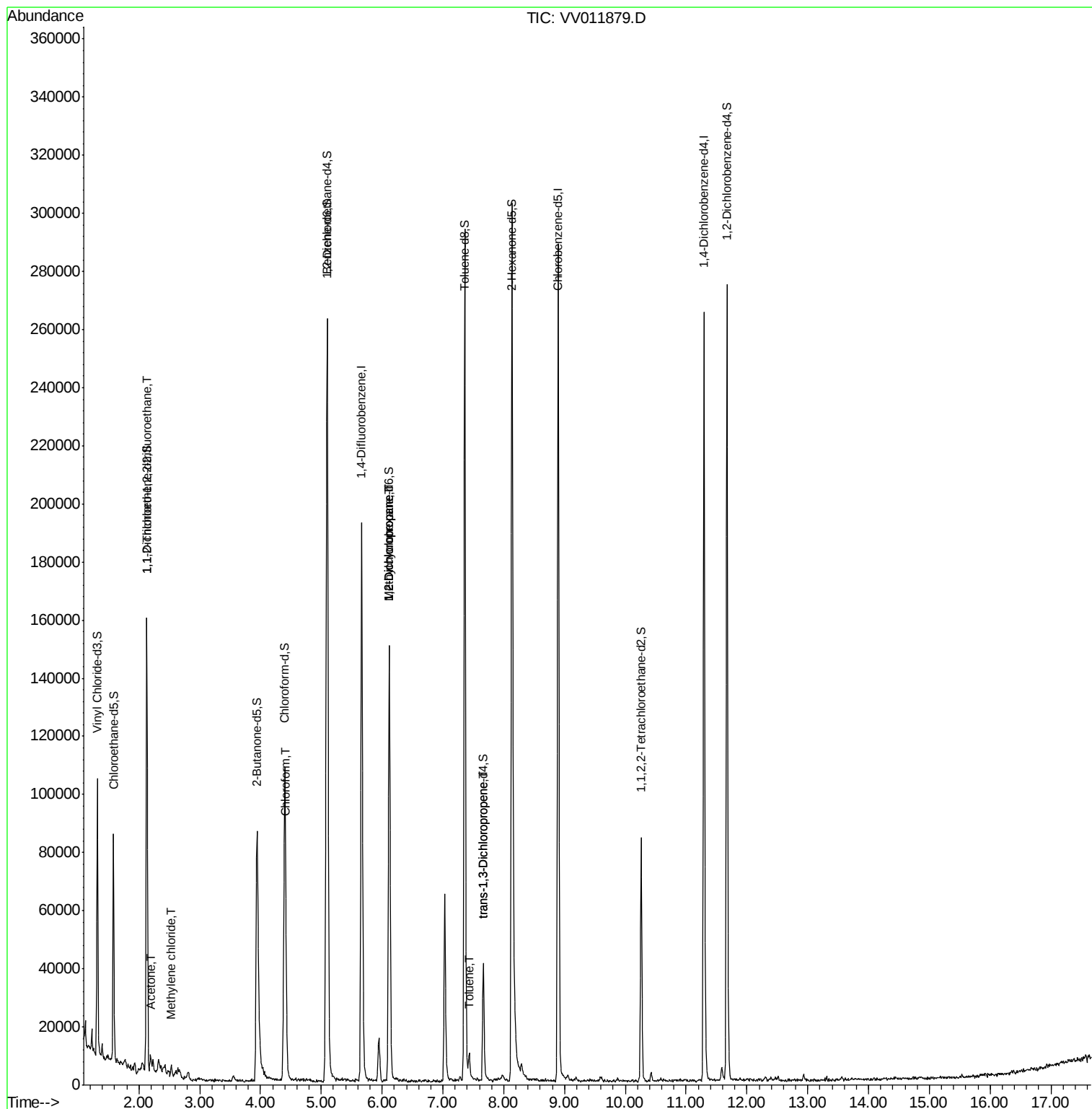
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	747	0.083	ug/L #	19
13) Acetone	2.20	43	6603	4.425	ug/L	96
16) Methylene chloride	2.54	84	1558	0.178	ug/L	87
25) Chloroform	4.42	83	1949	0.085	ug/L	93
35) Methylcyclohexane	6.12	83	16290	0.837	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8451	0.727	ug/L #	84
42) Toluene	7.43	91	5055	0.104	ug/L	90
44) trans-1,3-Dichloropropene	7.67	75	1057	0.086	ug/L #	70

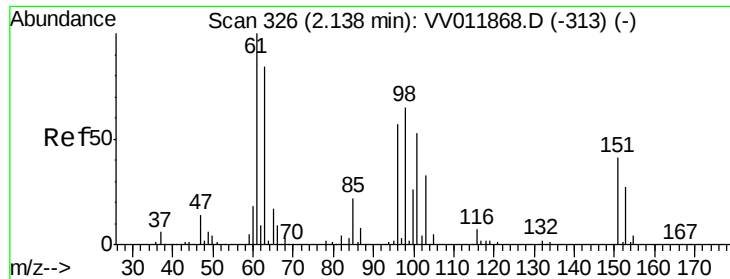
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.083 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV011879.D

Acq: 12 Jul 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

A52Q4

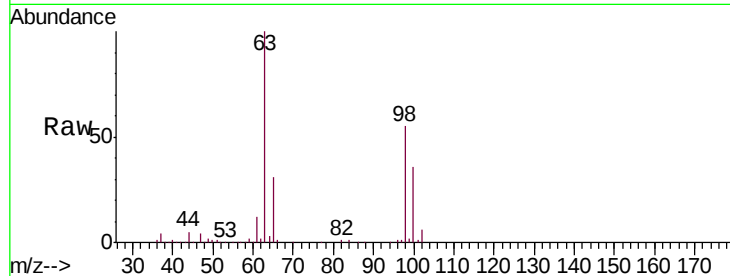
Tgt Ion:101 Resp: 747

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

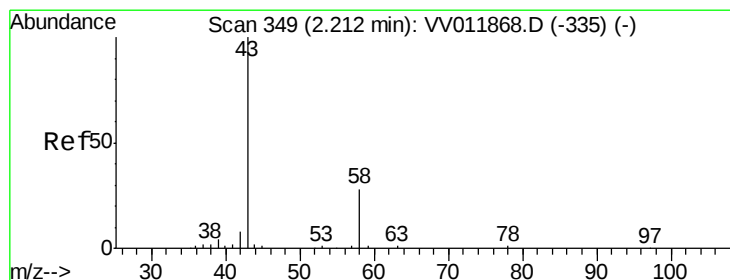
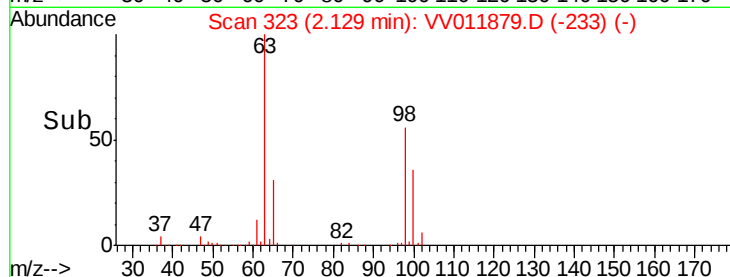
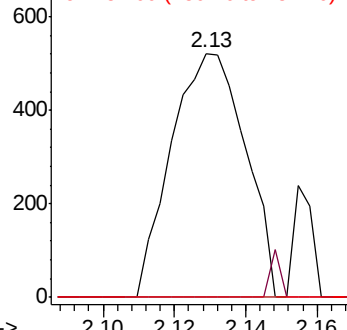
151 0.0 60.8 91.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.425 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

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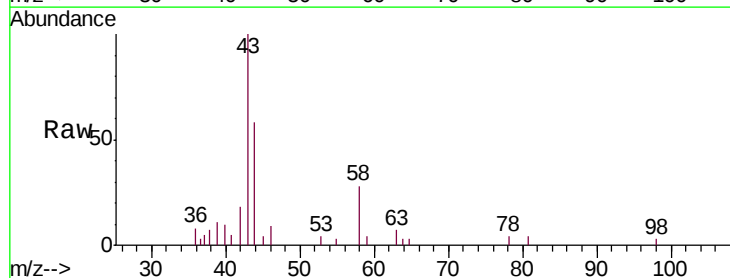
Acq: 12 Jul 2019 20:45

Tgt Ion: 43 Resp: 6603

Ion Ratio Lower Upper

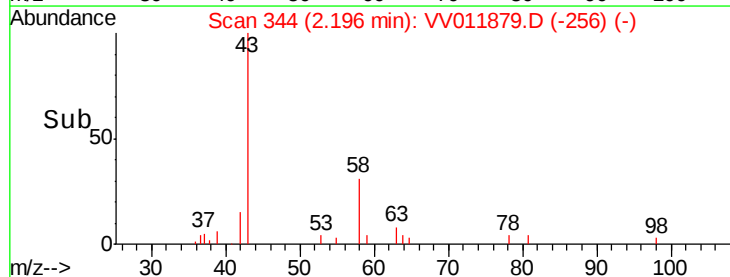
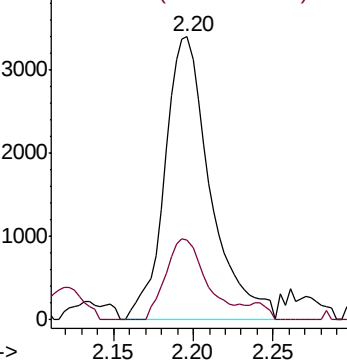
43 100

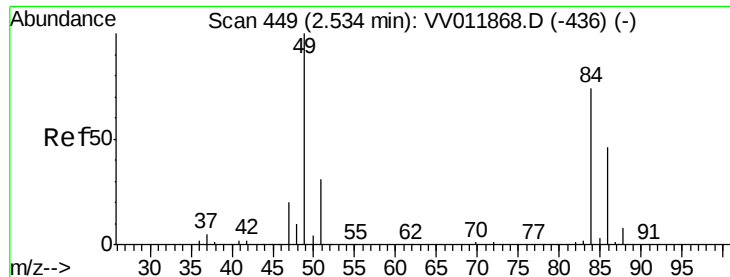
58 26.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

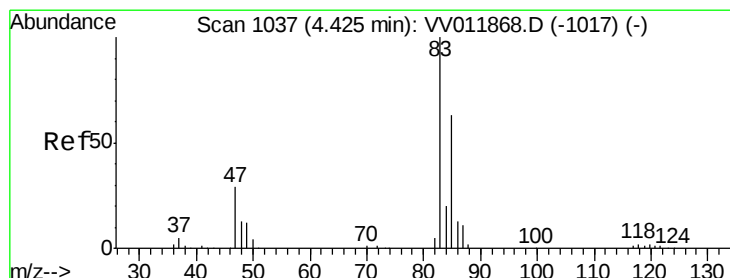
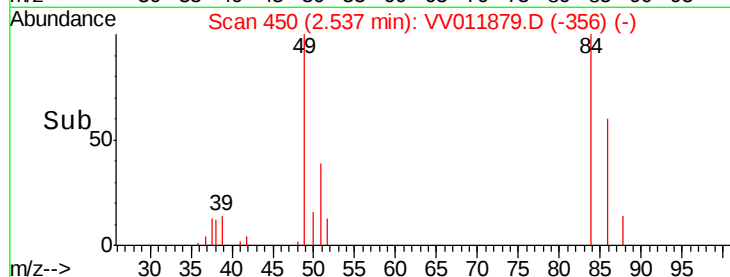
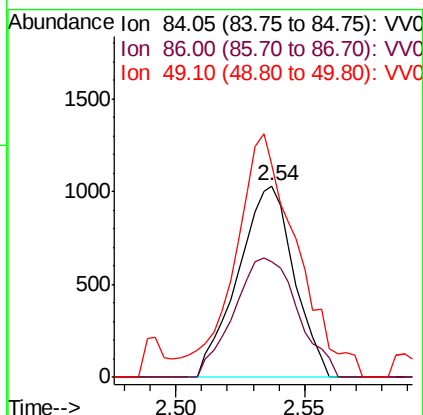
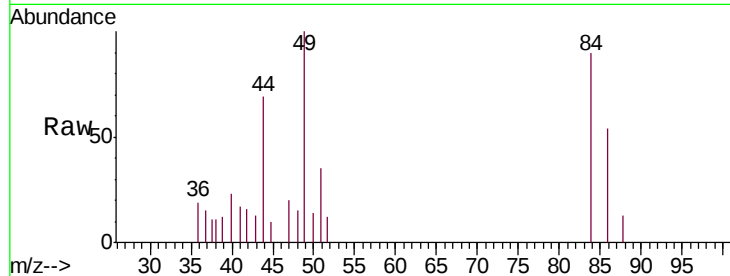




#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV011879.D
Acq: 12 Jul 2019 20:45

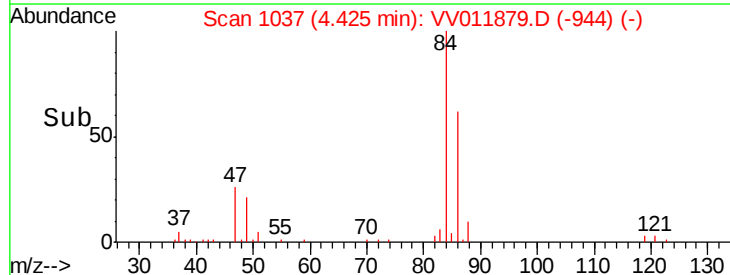
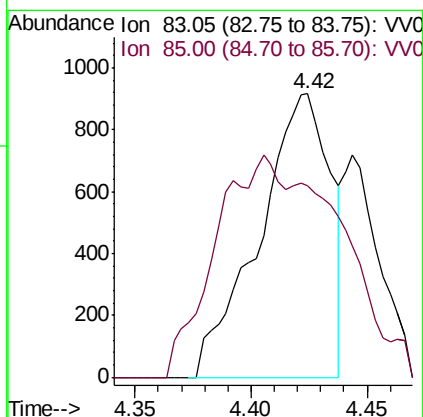
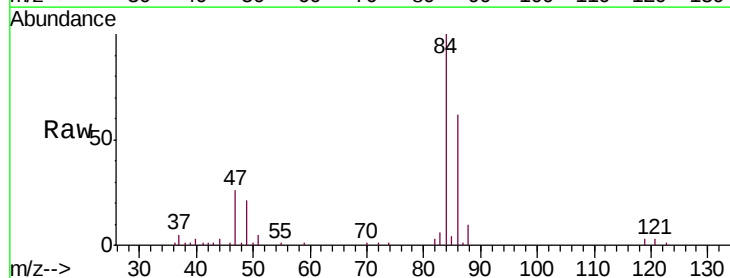
Instrument :
MSVOA_V
ClientSampleId :
A52Q4

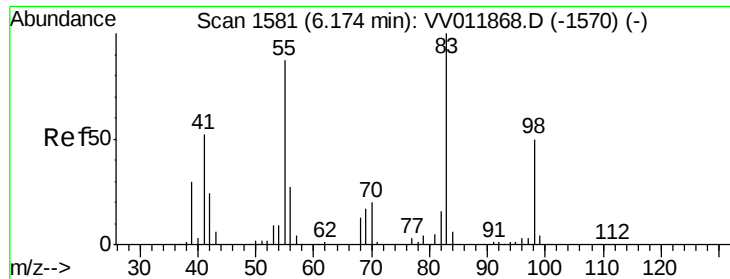
Tgt Ion: 84 Resp: 1558
Ion Ratio Lower Upper
84 100
86 60.3 43.9 81.5
49 110.9 92.6 172.0



#25
Chloroform
Concen: 0.085 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011879.D
Acq: 12 Jul 2019 20:45

Tgt Ion: 83 Resp: 1949
Ion Ratio Lower Upper
83 100
85 67.7 43.8 81.4

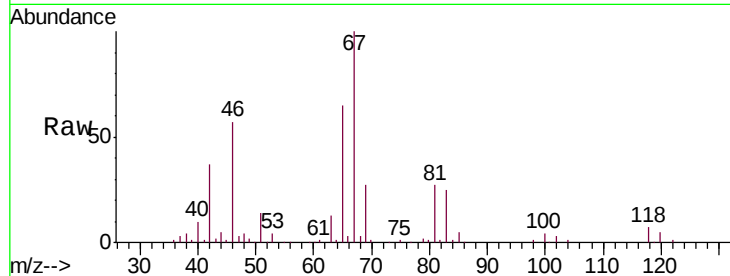




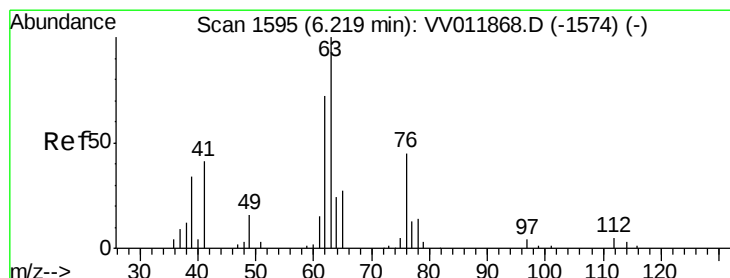
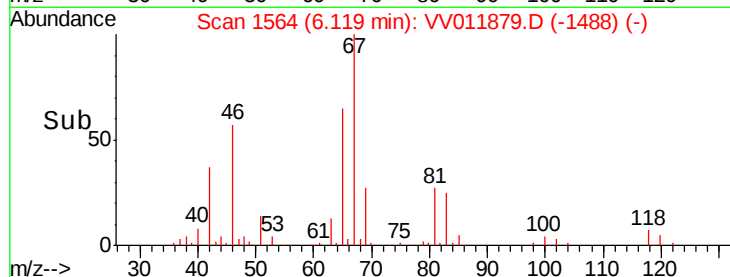
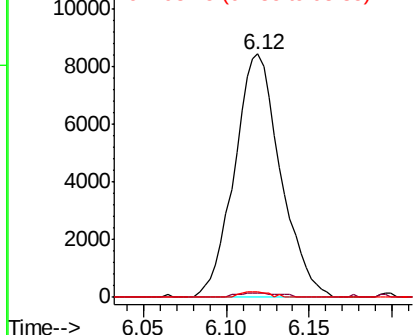
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011879.D
Acq: 12 Jul 2019 20:45

Instrument :
MSVOA_V
ClientSampleId :
A52Q4

Tgt Ion: 83 Resp: 16290
Ion Ratio Lower Upper
83 100
55 1.8 63.6 95.4#
98 1.5 39.1 58.7#

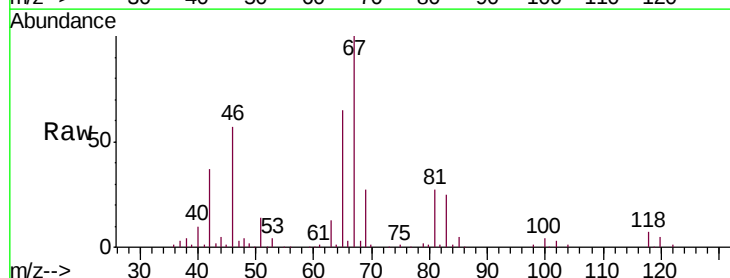


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

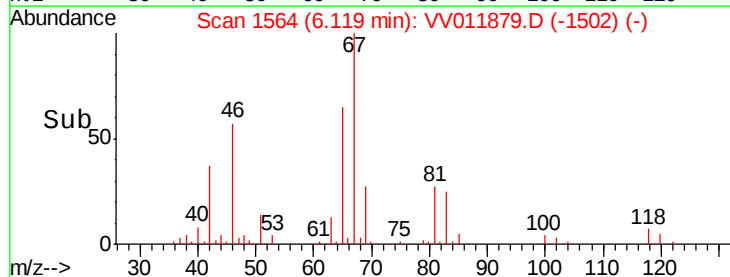
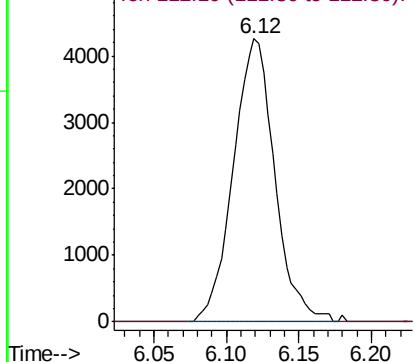


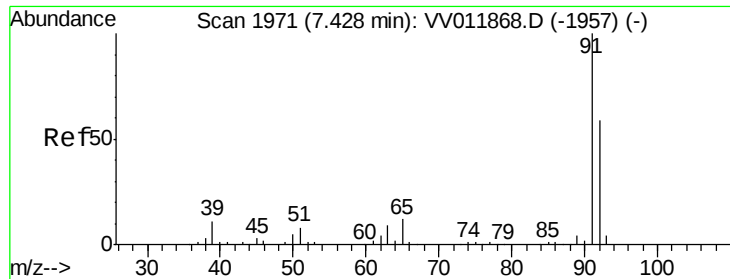
#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011879.D
Acq: 12 Jul 2019 20:45

Tgt Ion: 63 Resp: 8451
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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





#42

Toluene

Concen: 0.104 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011879.D

Acq: 12 Jul 2019 20:45

Instrument :

MSVOA_V

ClientSampled :

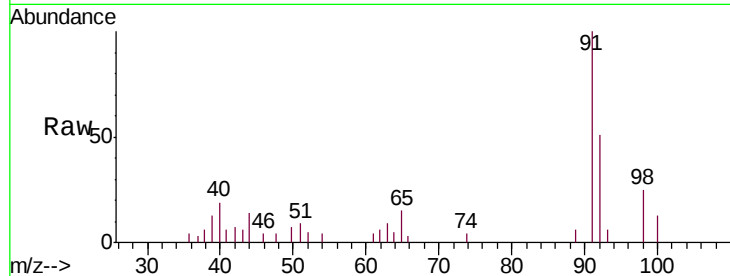
A52Q4

Tgt Ion: 91 Resp: 5055

Ion Ratio Lower Upper

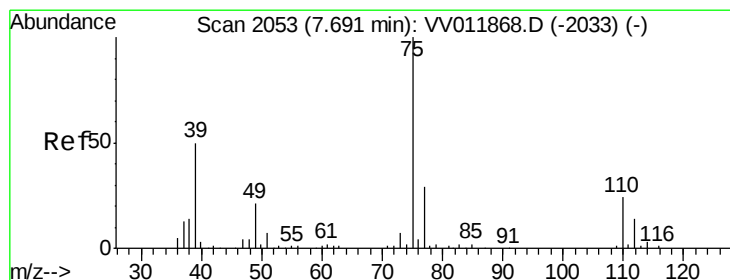
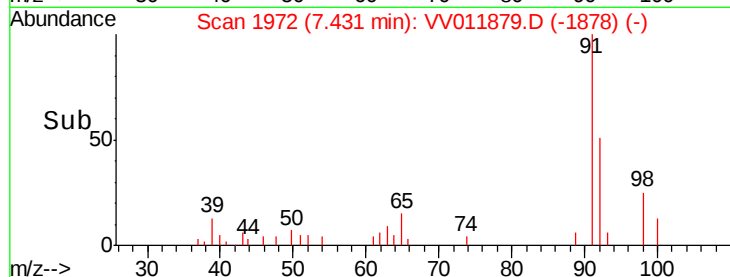
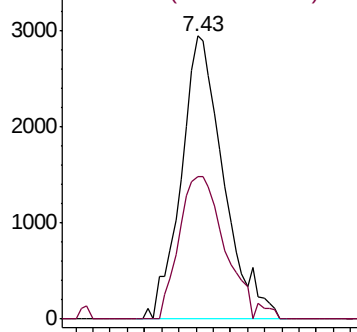
91 100

92 50.6 40.8 75.8



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: 0.086 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011879.D

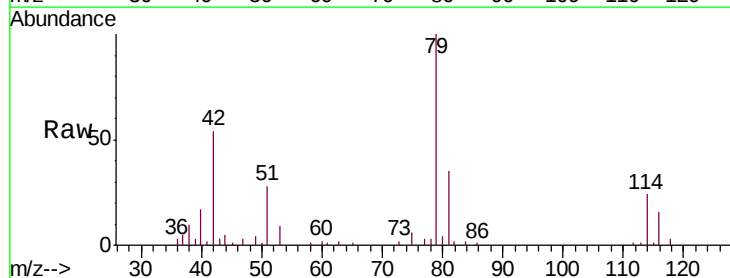
Acq: 12 Jul 2019 20:45

Tgt Ion: 75 Resp: 1057

Ion Ratio Lower Upper

75 100

77 47.1 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

