

Data File : VV011234.D
Acq On : 05 Jun 2019 17:16
Operator : SY/MD
Sample : K3197-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P47

Quant Time: Jun 06 05:48:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	170853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	69102	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	45933	4.27	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.12	63	101322	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	3.98	46	128531	44.10	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	4.40	84	107372	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	57440	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.09	84	222618	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	68485	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	206665	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	21944	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	111586	49.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44830	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68646	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

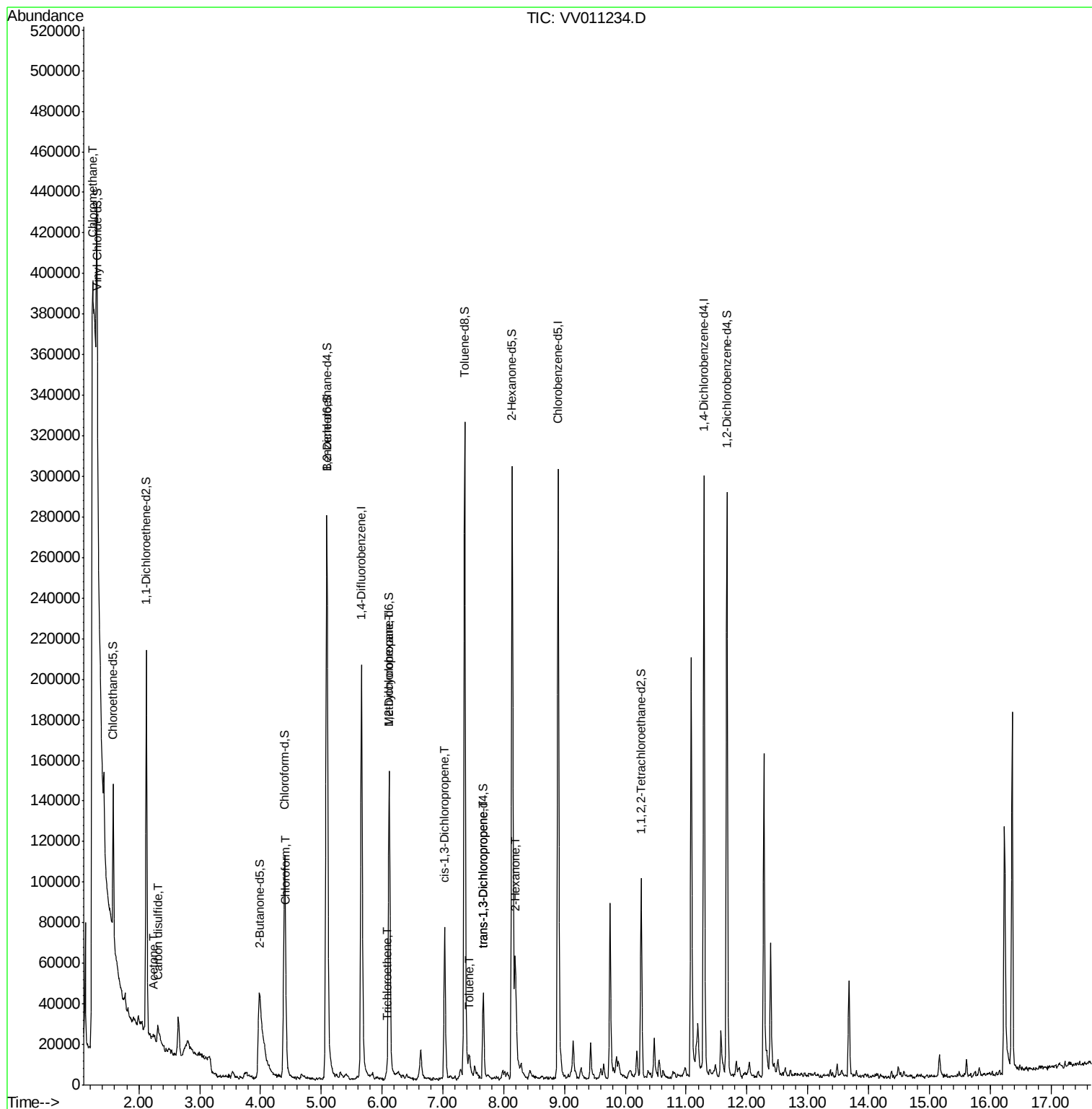
					Qvalue	
3) Chloromethane	1.24	50	16184	0.993	ug/L #	55
13) Acetone	2.25	43	7551	3.864	ug/L	62
14) Carbon disulfide	2.31	76	11122	0.341	ug/L #	91
25) Chloroform	4.42	83	4000	0.163	ug/L	98
34) Trichloroethene	6.07	95	1207	0.096	ug/L #	12
35) Methylcyclohexane	6.12	83	15773	0.757	ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	2102	0.118	ug/L #	66
42) Toluene	7.43	91	5102	0.098	ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	1398	0.104	ug/L #	57
48) 2-Hexanone	8.19	43	36581	6.786	ug/L	94

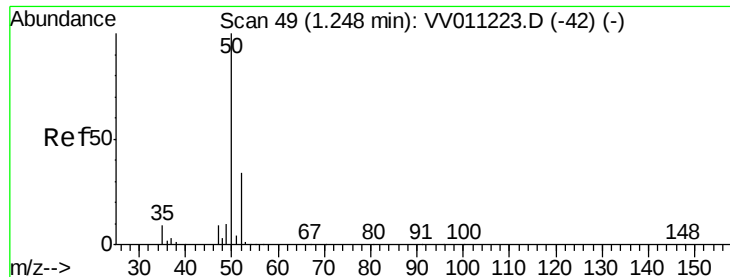
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.993 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011234.D

Acq: 05 Jun 2019 17:16

Instrument :

MSVOA_V

ClientSampleId :

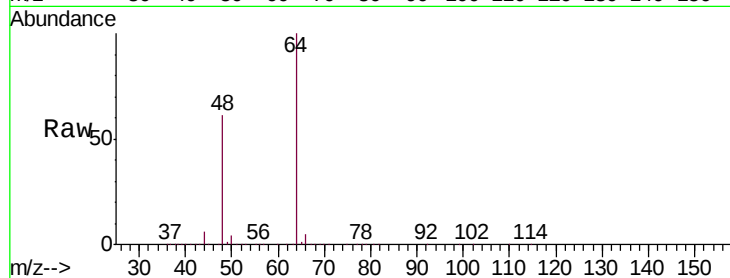
F9P47

Tgt Ion: 50 Resp: 16184

Ion Ratio Lower Upper

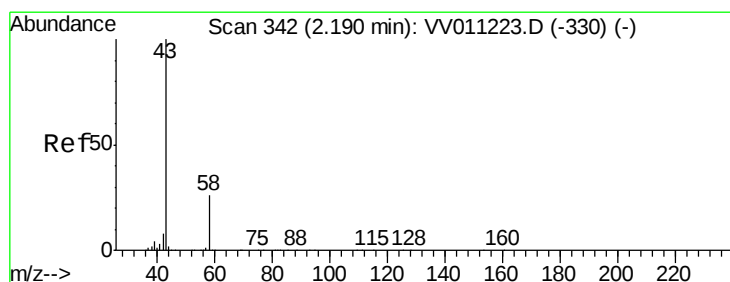
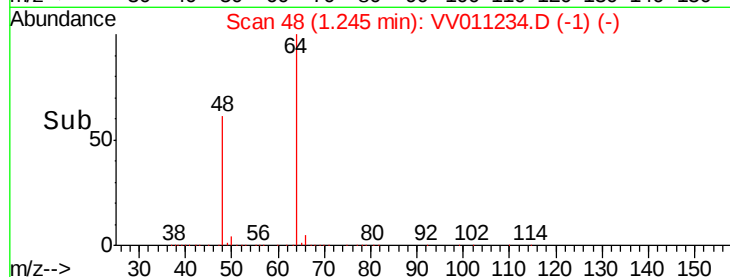
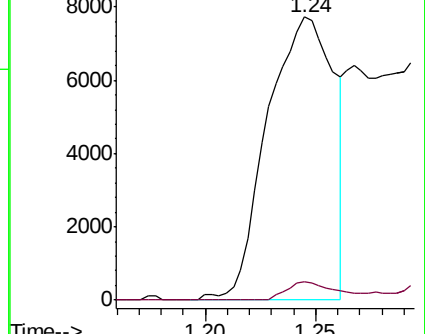
50 100

52 6.7 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 3.864 ug/L

RT: 2.25 min Scan# 360

Delta R.T. 0.06 min

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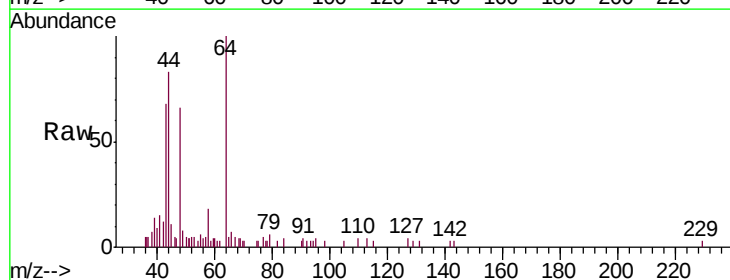
Acq: 05 Jun 2019 17:16

Tgt Ion: 43 Resp: 7551

Ion Ratio Lower Upper

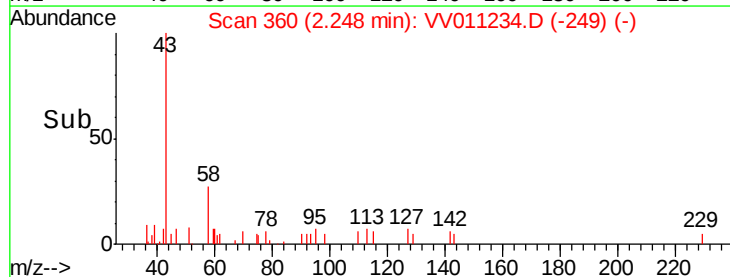
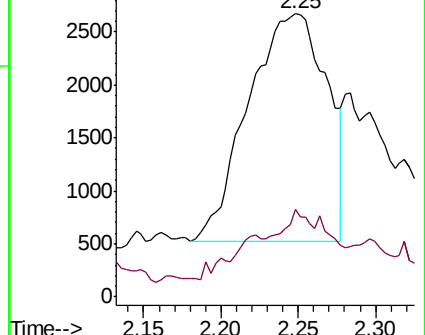
43 100

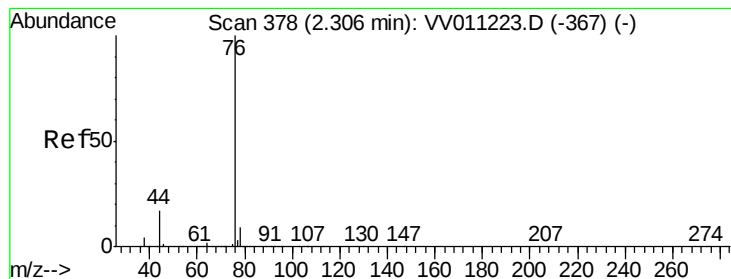
58 7.9 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.341 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV011234.D

Acq: 05 Jun 2019 17:16

Instrument :

MSVOA_V

ClientSampled :

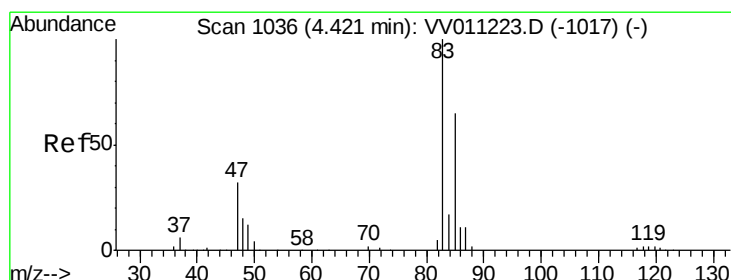
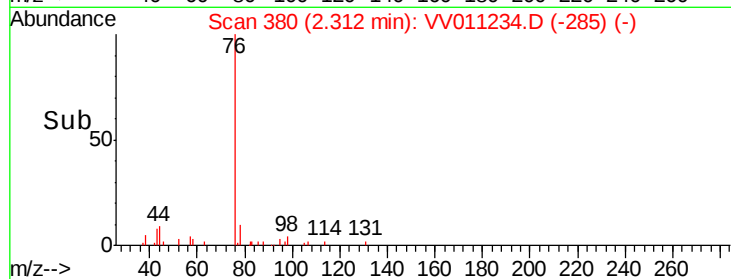
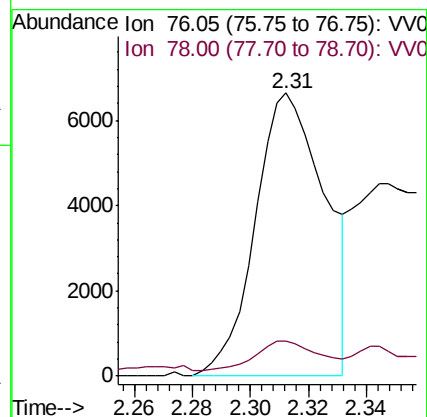
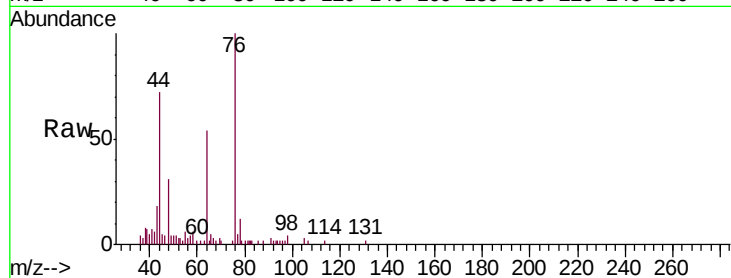
F9P47

Tgt Ion: 76 Resp: 11122

Ion Ratio Lower Upper

76 100

78 12.4 7.3 10.9#



#25

Chloroform

Concen: 0.163 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011234.D

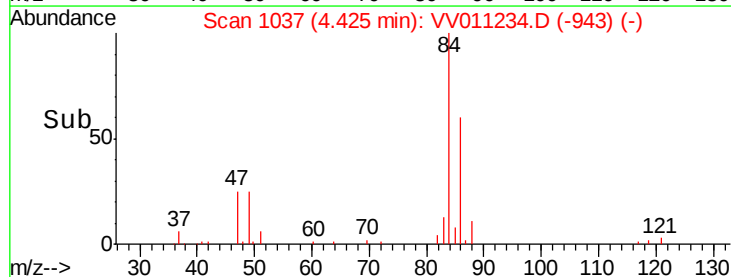
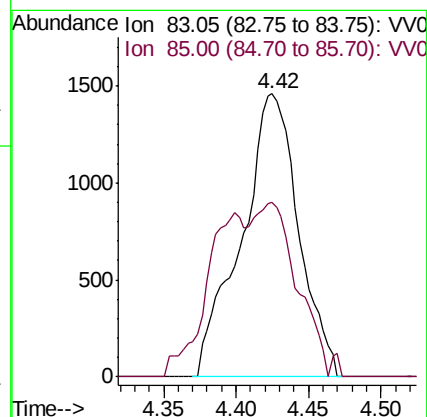
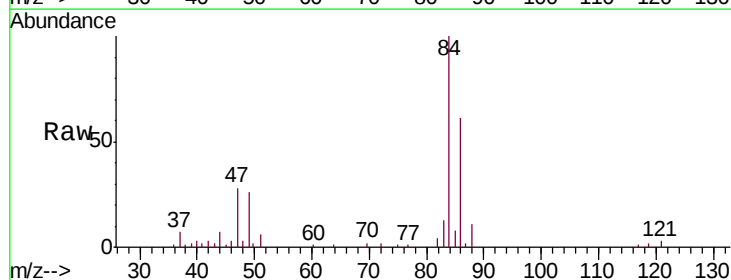
Acq: 05 Jun 2019 17:16

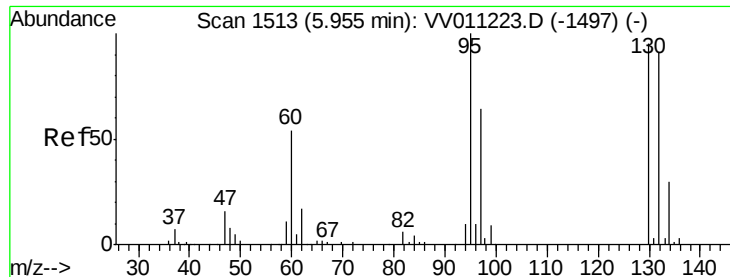
Tgt Ion: 83 Resp: 4000

Ion Ratio Lower Upper

83 100

85 61.5 44.1 81.9





#34

Trichloroethene

Concen: 0.096 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. 0.12 min

Lab File: VV011234.D

Acq: 05 Jun 2019 17:16

Instrument :

MSVOA_V

ClientSampled :

F9P47

Tgt Ion: 95 Resp: 1207

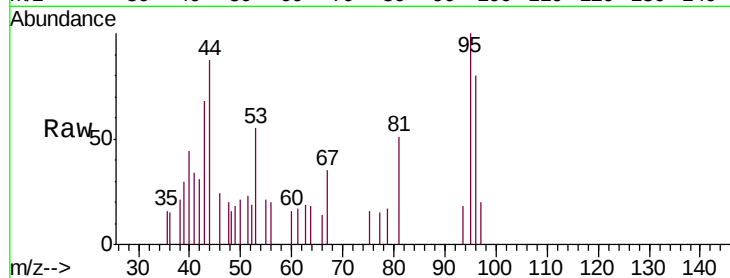
Ion Ratio Lower Upper

95 100

97 20.0 45.8 85.2#

132 0.0 66.4 123.2#

130 0.0 68.3 126.8#

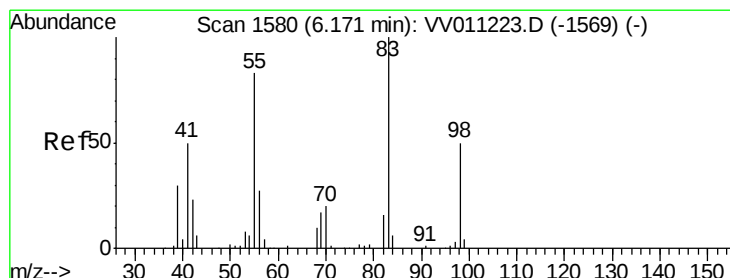
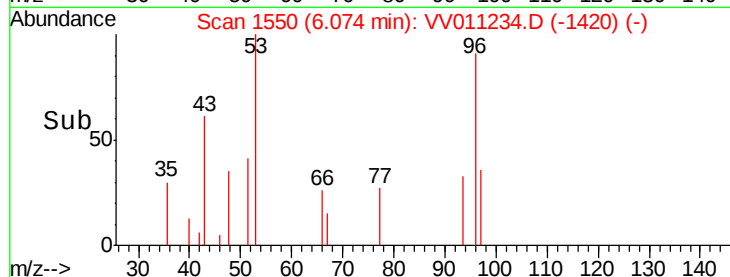
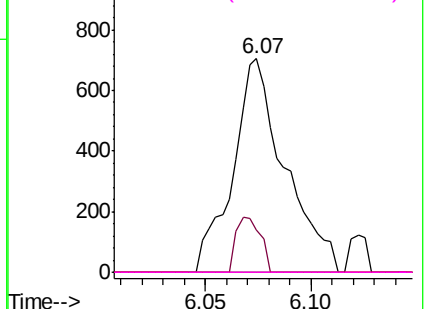


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011234.D

Acq: 05 Jun 2019 17:16

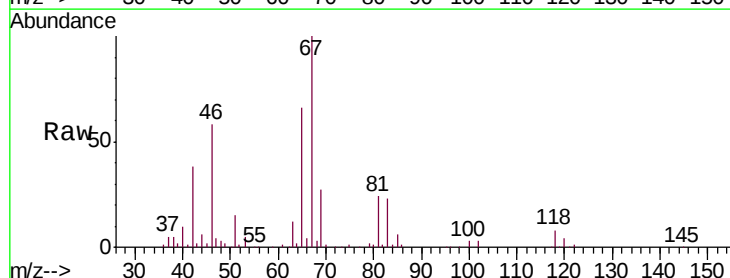
Tgt Ion: 83 Resp: 15773

Ion Ratio Lower Upper

83 100

55 2.0 67.0 100.6#

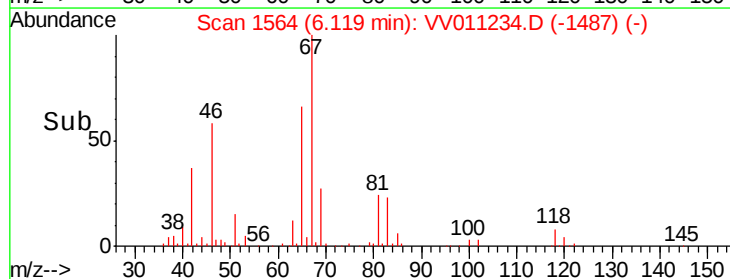
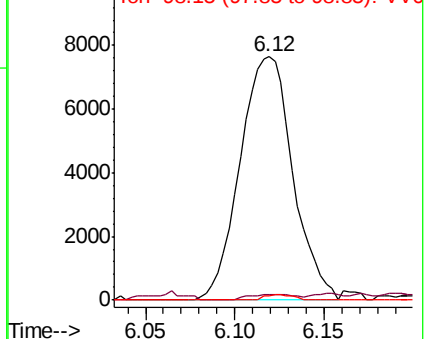
98 1.3 40.0 60.0#

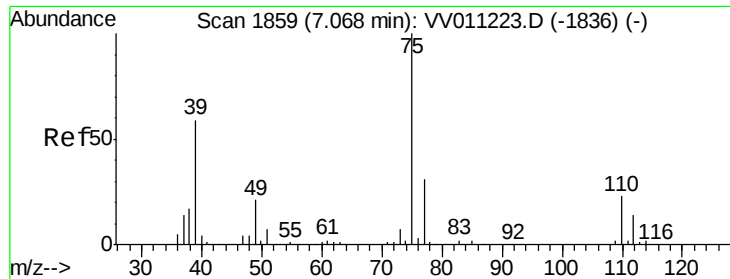


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

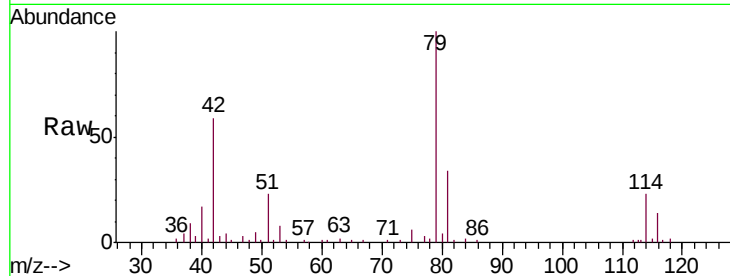




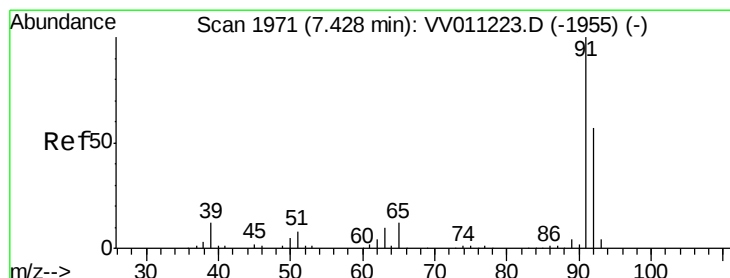
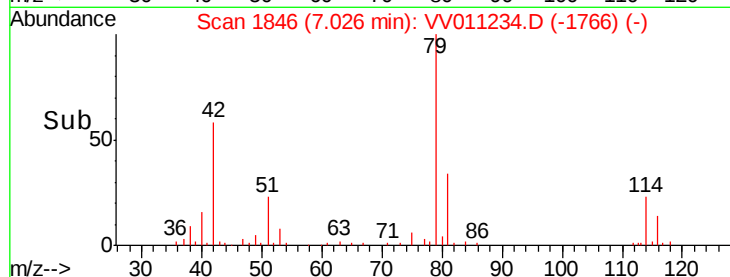
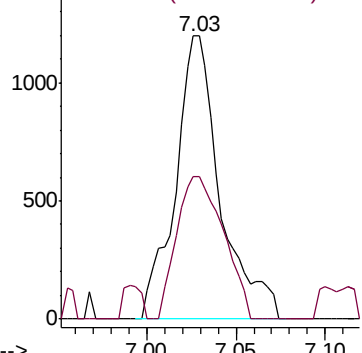
#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011234.D
 Acq: 05 Jun 2019 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P47

Tgt Ion: 75 Resp: 2102
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.2 41.2#

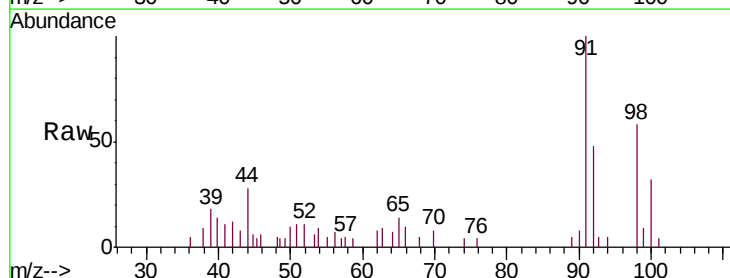


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

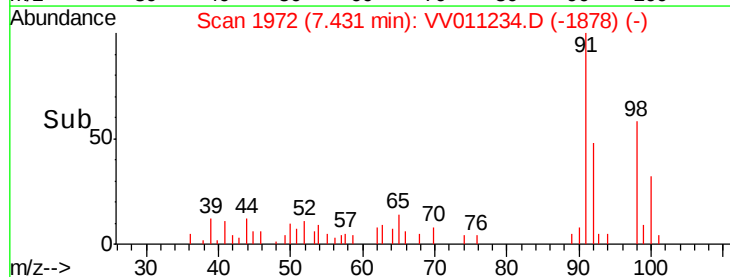
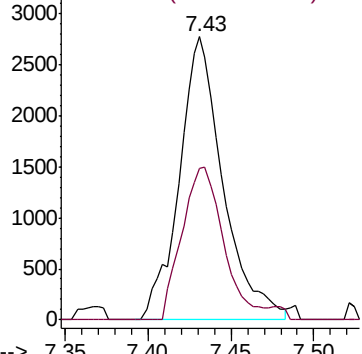


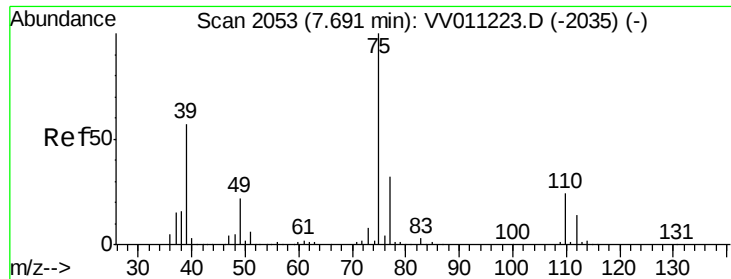
#42
 Toluene
 Concen: 0.098 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011234.D
 Acq: 05 Jun 2019 17:16

Tgt Ion: 91 Resp: 5102
 Ion Ratio Lower Upper
 91 100
 92 53.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

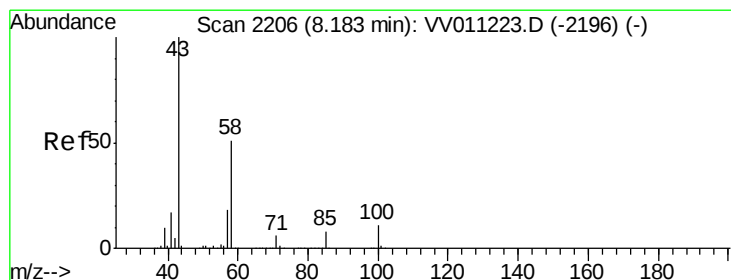
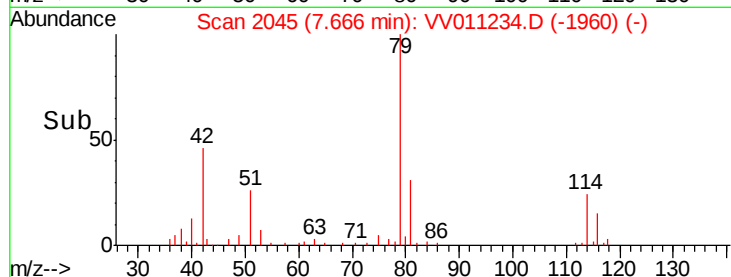
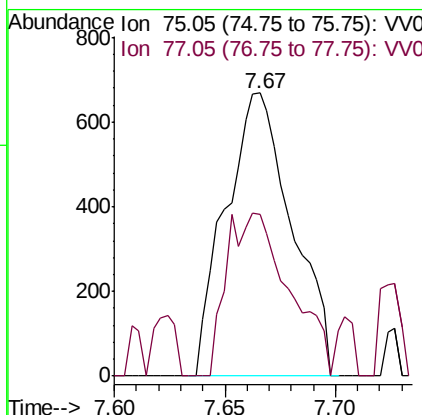
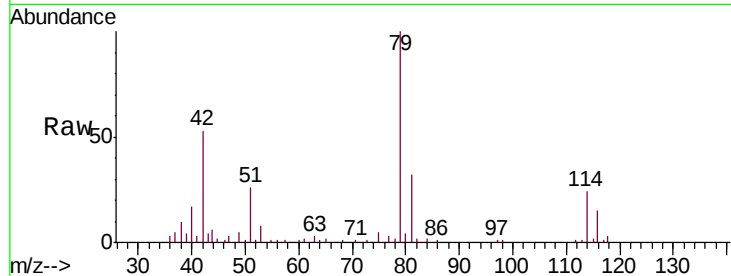




#44
trans-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011234.D
Acq: 05 Jun 2019 17:16

Instrument :
MSVOA_V
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Tgt Ion: 75 Resp: 1398
Ion Ratio Lower Upper
75 100
77 57.3 23.1 42.9#



#48
2-Hexanone
Concen: 6.786 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV011234.D
Acq: 05 Jun 2019 17:16

Tgt Ion: 43 Resp: 36581
Ion Ratio Lower Upper
43 100
58 45.8 41.4 62.0
57 18.5 15.0 22.4
100 10.2 9.0 13.4

