

Data File : VV011233.D
Acq On : 05 Jun 2019 16:49
Operator : SY/MD
Sample : K3197-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P43

Quant Time: Jun 06 05:48:00 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	169843	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60247	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	46842	4.38	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.12	63	98285	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.97	46	121583	41.96	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.40	84	100752	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	55981	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.09	84	221889	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	67633	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	206068	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	22591	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	101280	44.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43244	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	66147	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

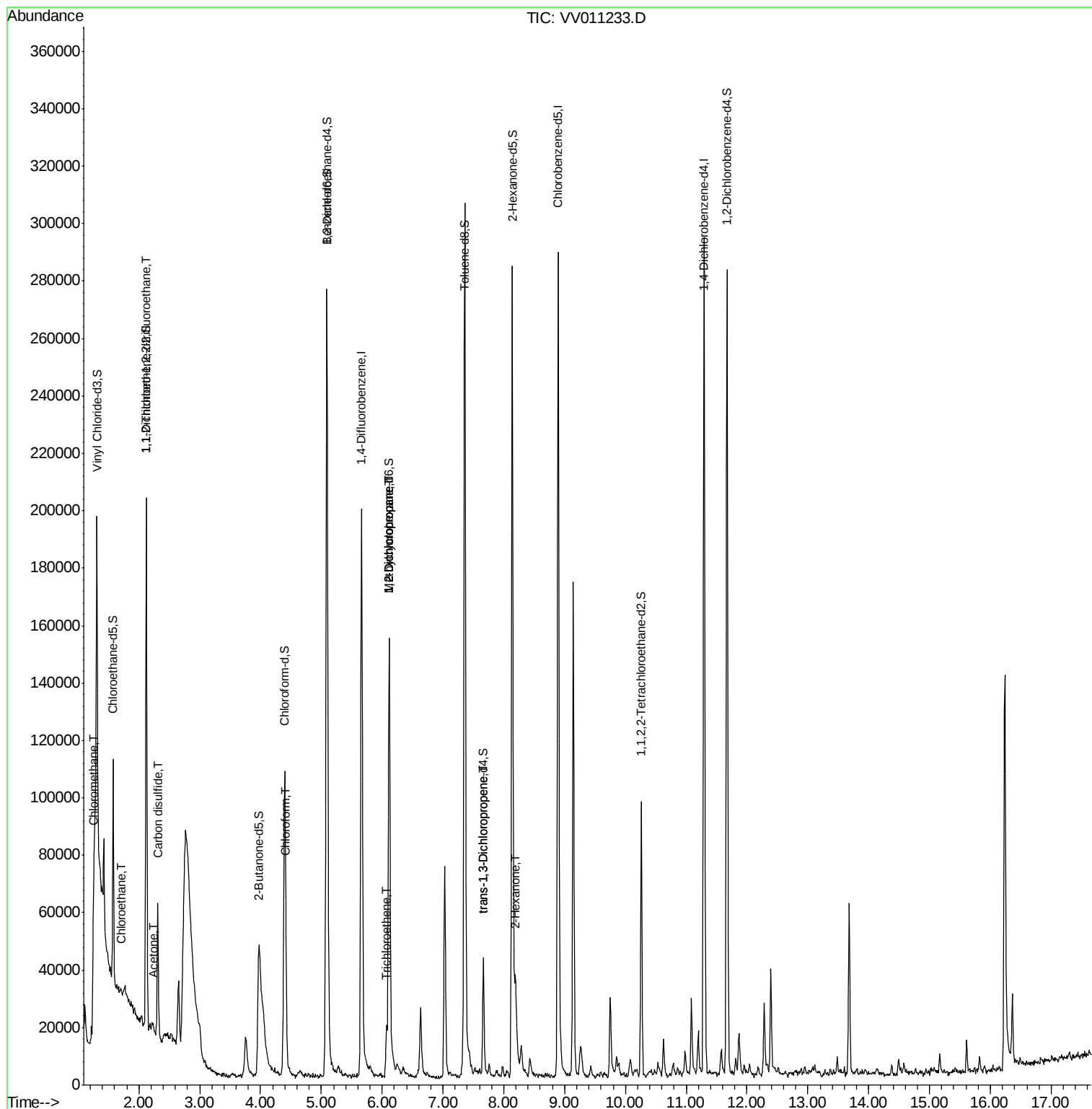
						Qvalue
3) Chloromethane	1.25	50	1851	0.114	ug/L	93
8) Chloroethane	1.71	64	1983	0.199	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	971	0.088	ug/L #	22
13) Acetone	2.23	43	4986	2.567	ug/L	91
14) Carbon disulfide	2.31	76	51683	1.592	ug/L	99
25) Chloroform	4.42	83	4852	0.199	ug/L	96
34) Trichloroethene	6.07	95	5643	0.452	ug/L #	9
35) Methylcyclohexane	6.12	83	16640	0.806	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8085	0.672	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1381	0.103	ug/L #	65
48) 2-Hexanone	8.19	43	16505	3.090	ug/L #	92

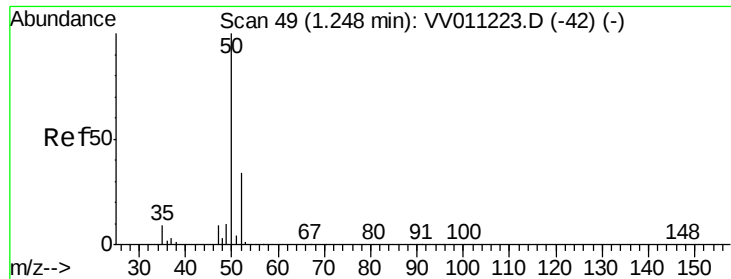
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.114 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

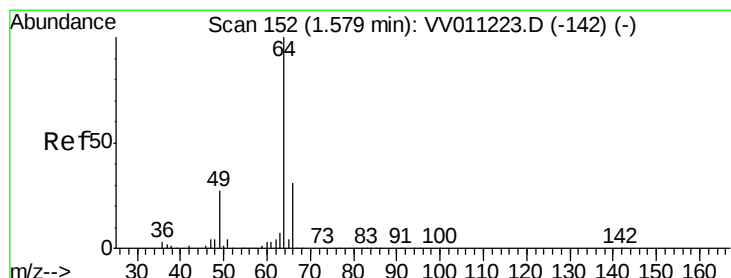
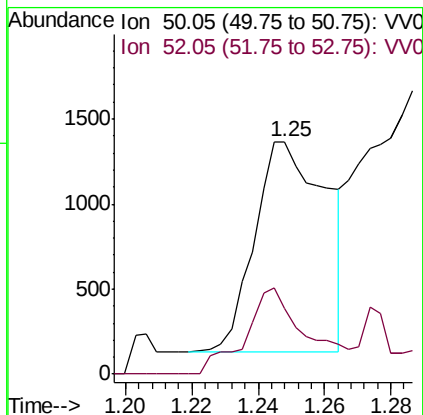
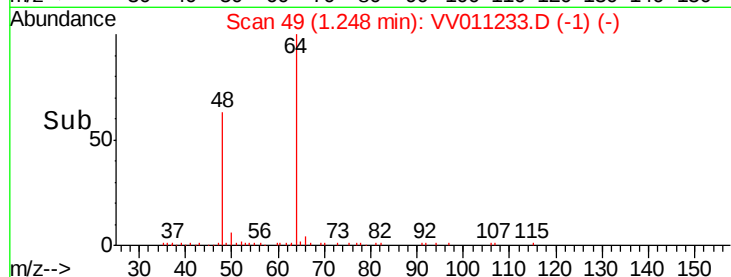
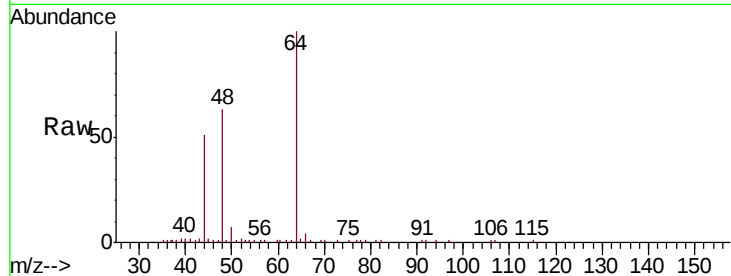
F9P43

Tgt Ion: 50 Resp: 1851

Ion Ratio Lower Upper

50 100

52 28.2 22.3 41.5



#8

Chloroethane

Concen: 0.199 ug/L

RT: 1.71 min Scan# 193

Delta R.T. 0.13 min

Lab File: VV011233.D

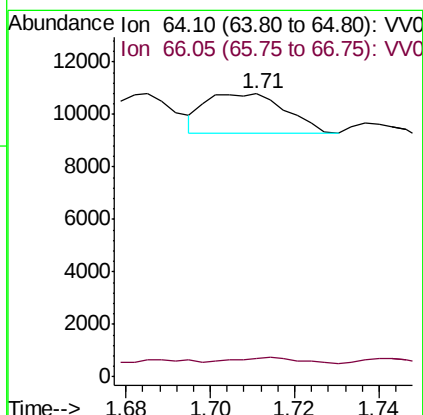
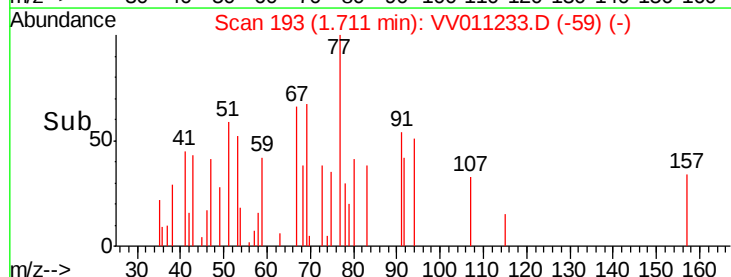
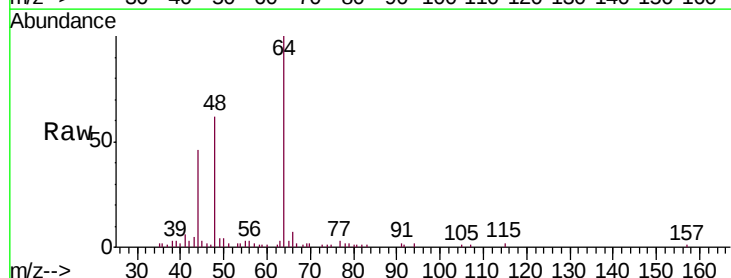
Acq: 05 Jun 2019 16:49

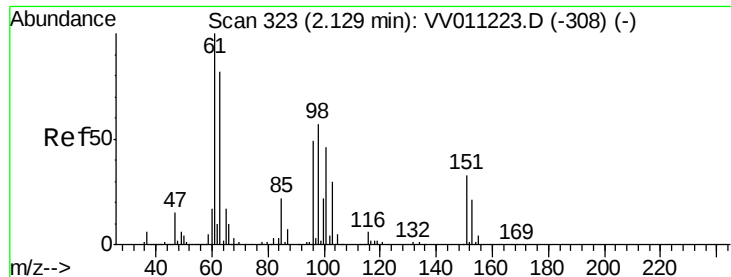
Tgt Ion: 64 Resp: 1983

Ion Ratio Lower Upper

64 100

66 6.7 19.4 36.0#





#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

F9P43

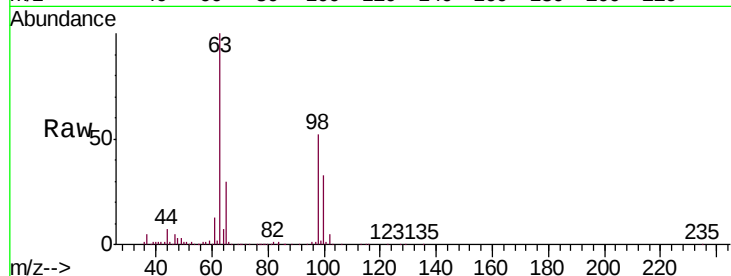
Tgt Ion: 101 Resp: 971

Ion Ratio Lower Upper

101 100

85 2.3 35.5 53.3#

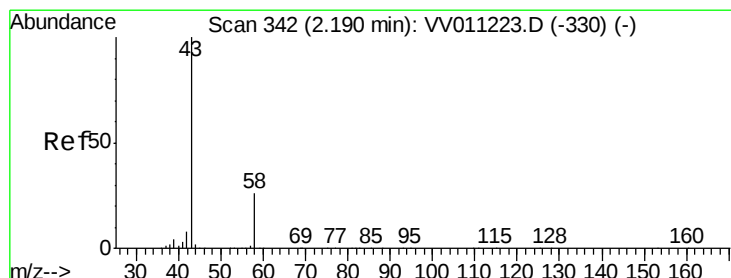
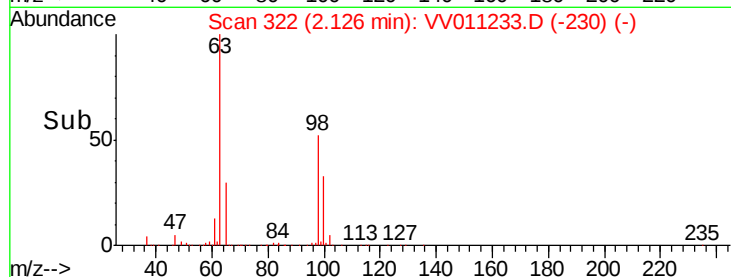
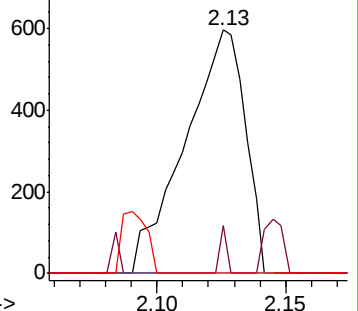
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): VV011233.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV011233.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV011233.D (-308) (-)



#13

Acetone

Concen: 2.567 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.04 min

Lab File: VV011233.D

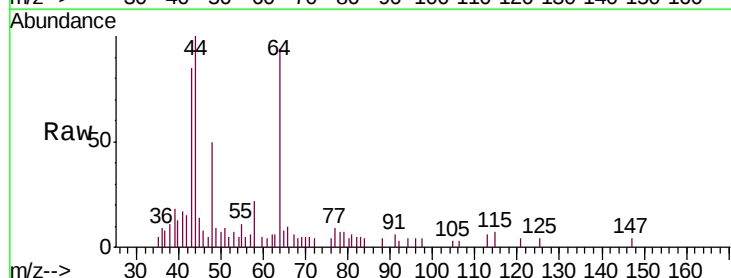
Acq: 05 Jun 2019 16:49

Tgt Ion: 43 Resp: 4986

Ion Ratio Lower Upper

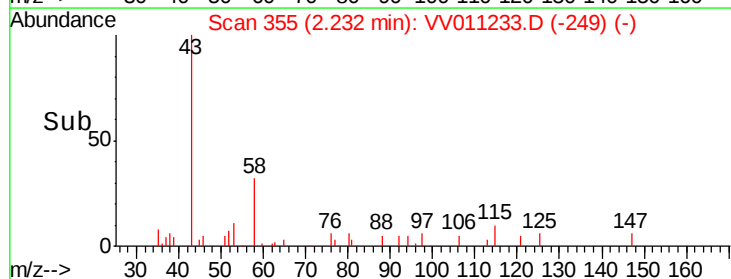
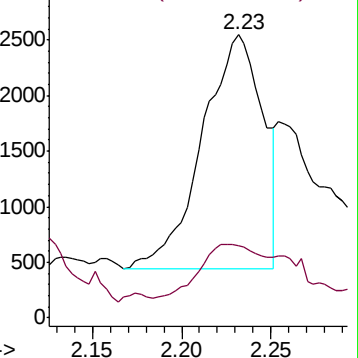
43 100

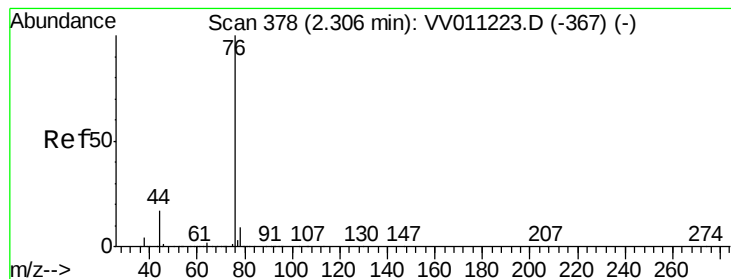
58 22.8 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011233.D (-249) (-)

Ion 58.05 (57.75 to 58.75): VV011233.D (-249) (-)





#14

Carbon disulfide

Concen: 1.592 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

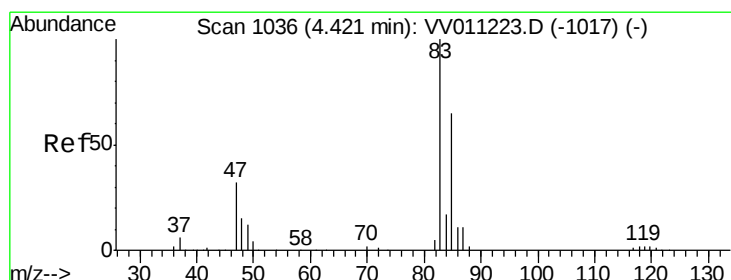
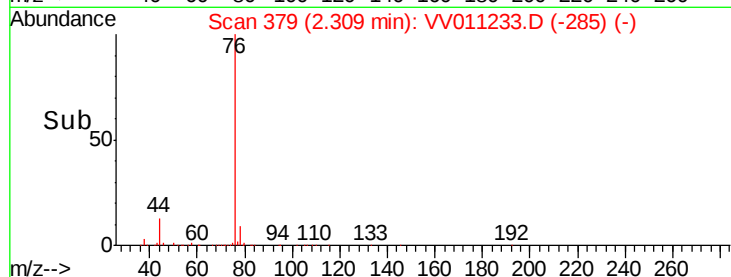
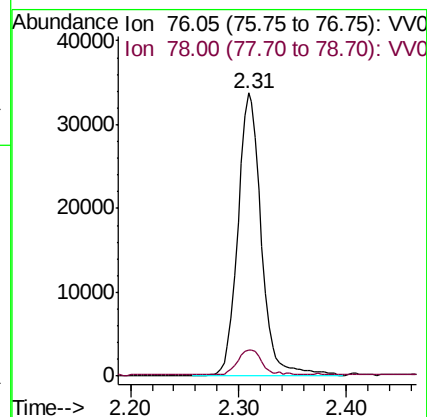
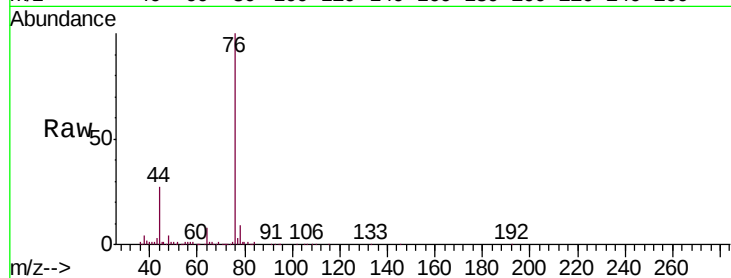
F9P43

Tgt Ion: 76 Resp: 51683

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#25

Chloroform

Concen: 0.199 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011233.D

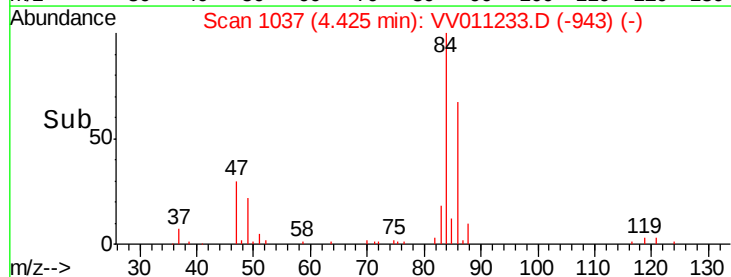
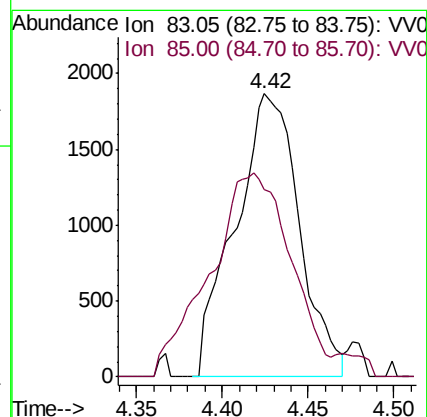
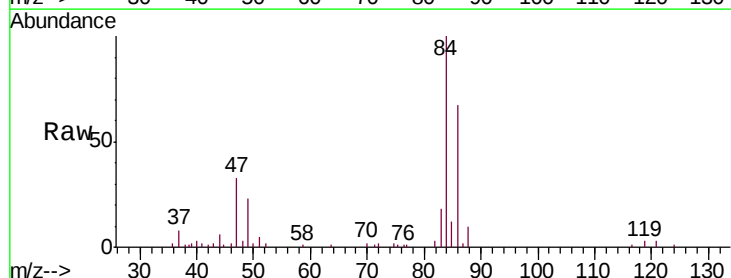
Acq: 05 Jun 2019 16:49

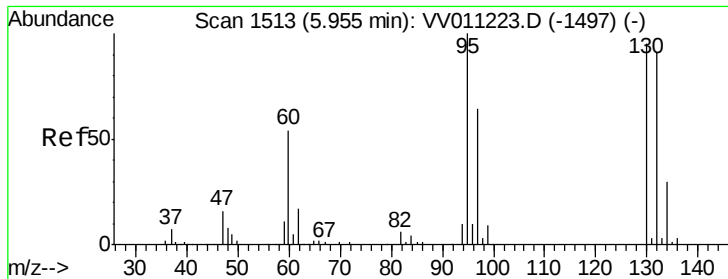
Tgt Ion: 83 Resp: 4852

Ion Ratio Lower Upper

83 100

85 66.1 44.1 81.9





#34

Trichloroethene

Concen: 0.452 ug/L

RT: 6.07 min Scan# 1549

Delta R.T. 0.12 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

F9P43

Tgt Ion: 95 Resp: 5643

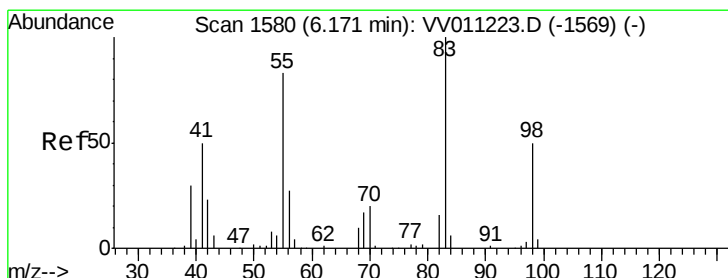
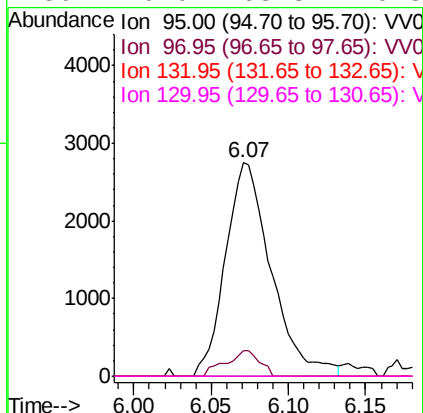
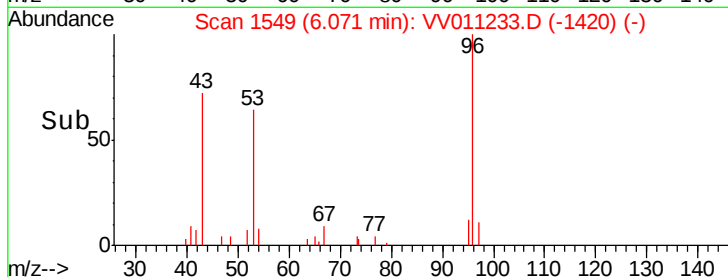
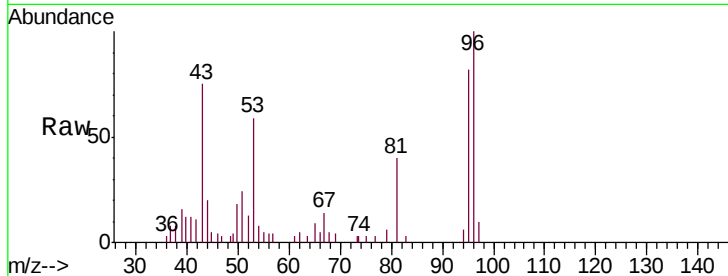
Ion Ratio Lower Upper

95 100

97 11.9 45.8 85.2#

132 0.0 66.4 123.2#

130 0.0 68.3 126.8#



#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

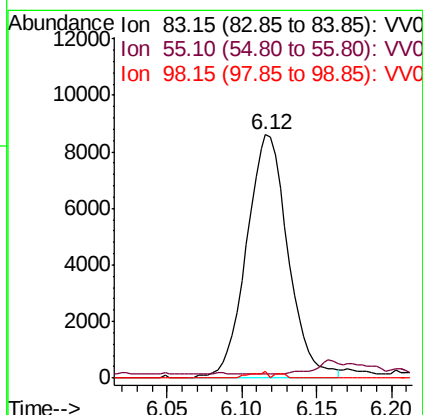
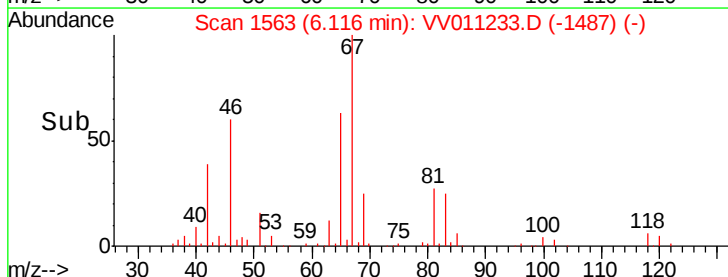
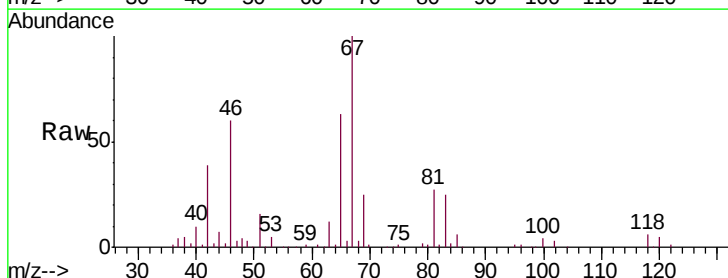
Tgt Ion: 83 Resp: 16640

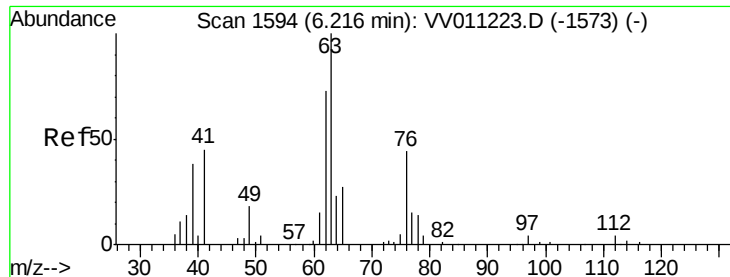
Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.6#

98 1.1 40.0 60.0#

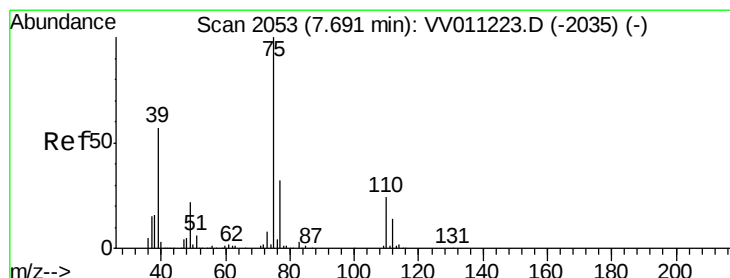
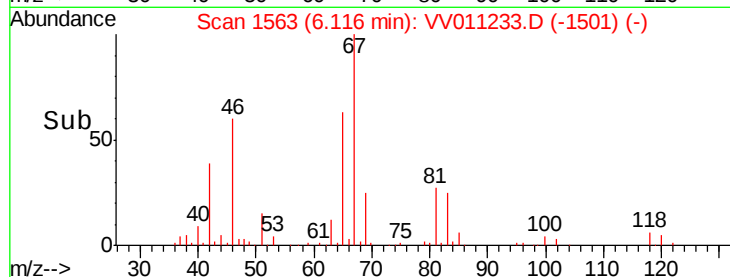
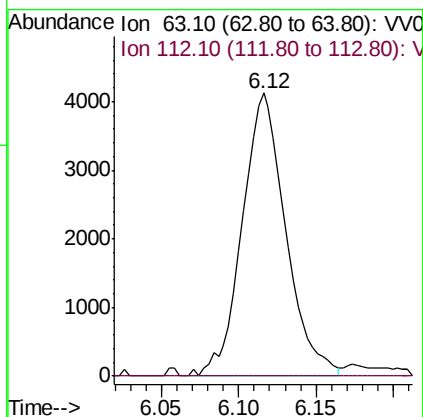
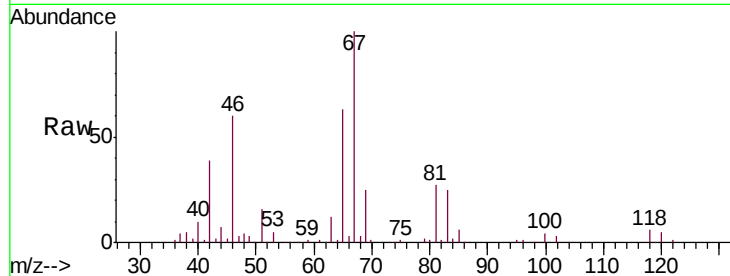




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011233.D
 Acq: 05 Jun 2019 16:49

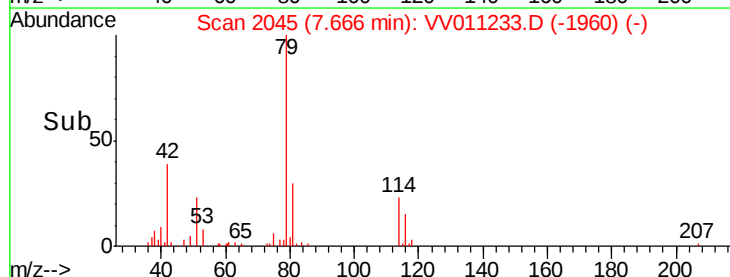
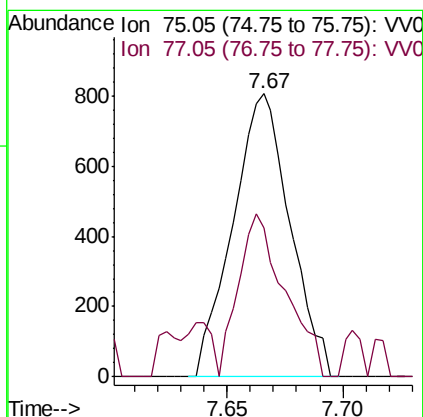
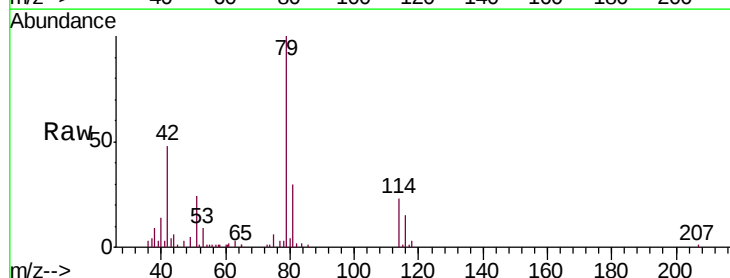
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P43

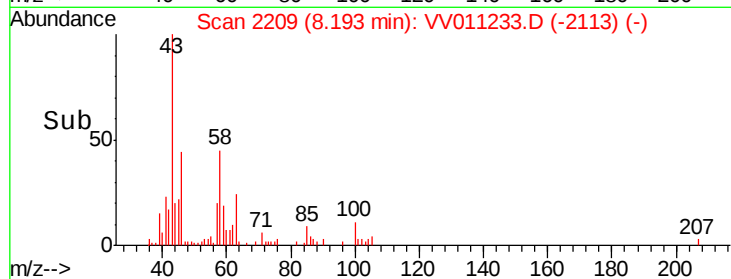
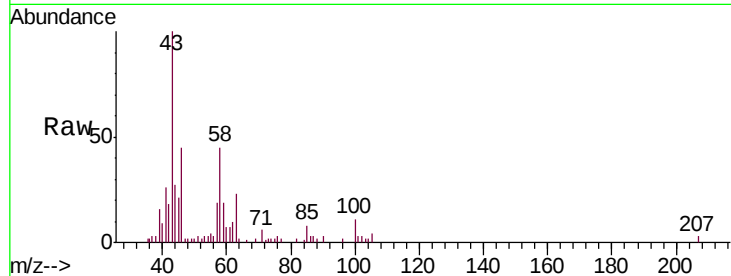
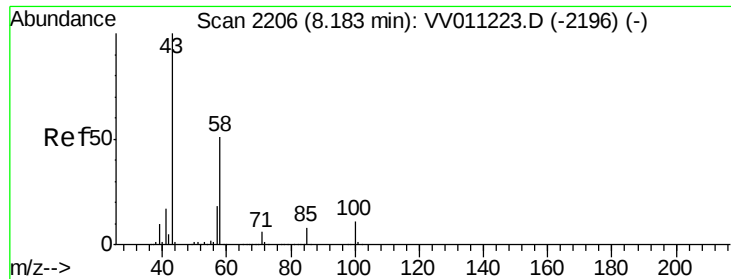
Tgt Ion: 63 Resp: 8085
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011233.D
 Acq: 05 Jun 2019 16:49

Tgt Ion: 75 Resp: 1381
 Ion Ratio Lower Upper
 75 100
 77 52.7 23.1 42.9#





#48

2-Hexanone

Concen: 3.090 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV011233.D

Acq: 05 Jun 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

F9P43

Tgt Ion: 43 Resp: 16505

Ion Ratio Lower Upper

43 100

58 53.9 41.4 62.0

57 8.3 15.0 22.4#

100 9.2 9.0 13.4

Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

