

Data File : VV012370.D
Acq On : 23 Aug 2019 18:11
Operator : SY/MD
Sample : K4481-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XM1

Quant Time: Aug 26 08:02:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	267325	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256811	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65444	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	50339	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	89117	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.97	46	184038	51.11	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	4.40	84	144892	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	73207	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	301668	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	94069	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	256077	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	31772	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	93887	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56993	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	87240	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

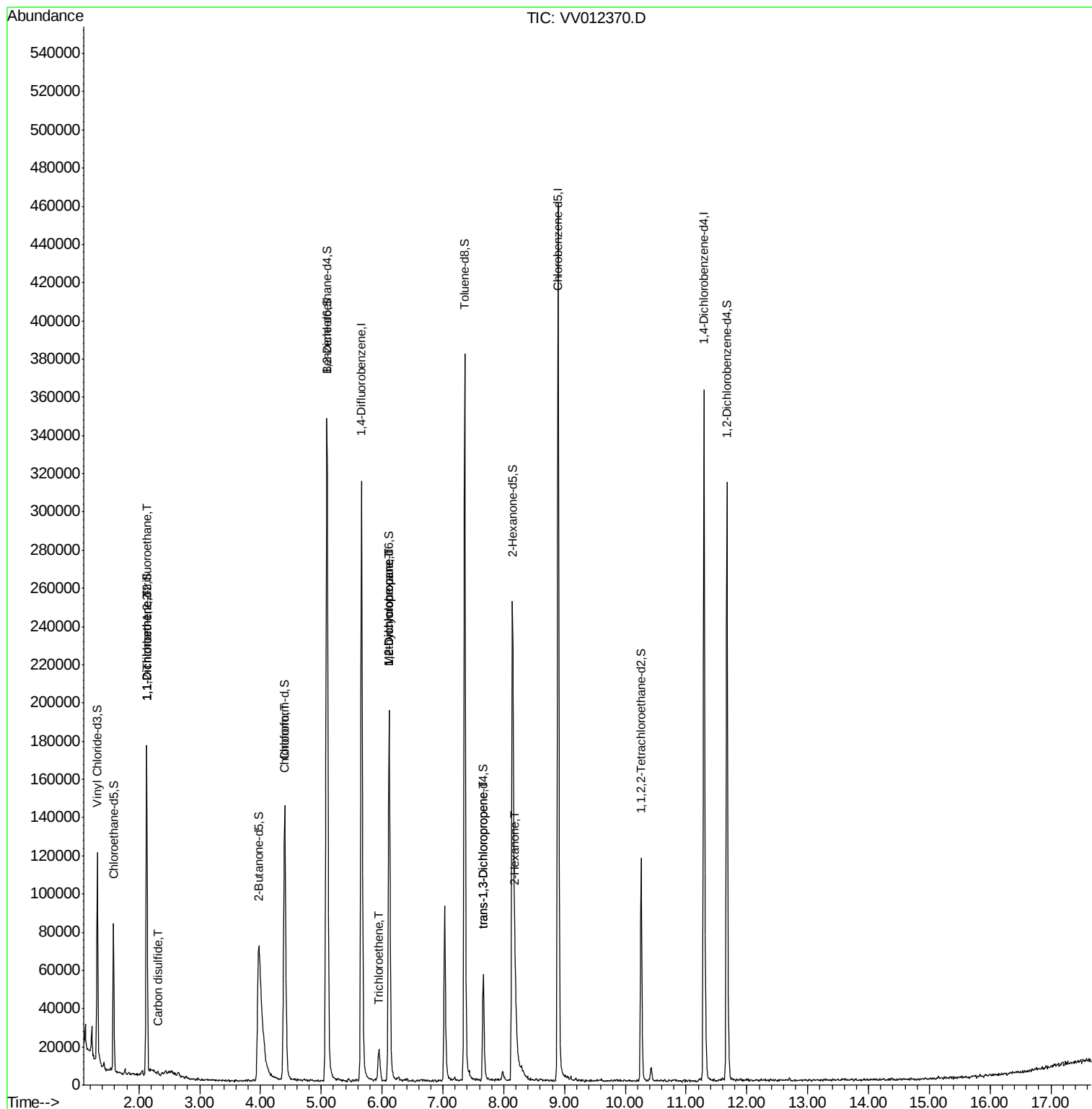
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	975	0.083	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	829	0.077	ug/L #	1
14) Carbon disulfide	2.31	76	1447	0.043	ug/L #	78
25) Chloroform	4.41	83	3364	0.102	ug/L	80
34) Trichloroethene	5.96	95	2123	0.120	ug/L	98
35) Methylcyclohexane	6.12	83	21356	0.769	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10169	0.613	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1653	0.098	ug/L #	81
48) 2-Hexanone	8.19	43	22459	3.502	ug/L #	79

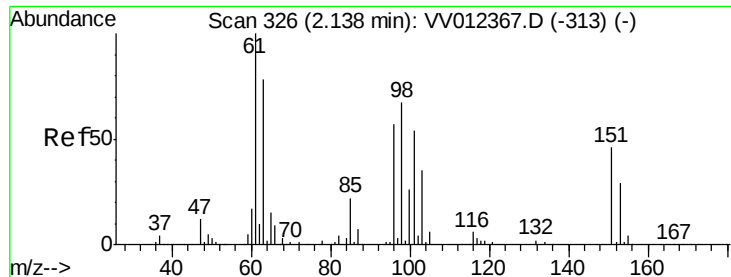
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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: VV012370.D

Acq: 23 Aug 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

C0XM1

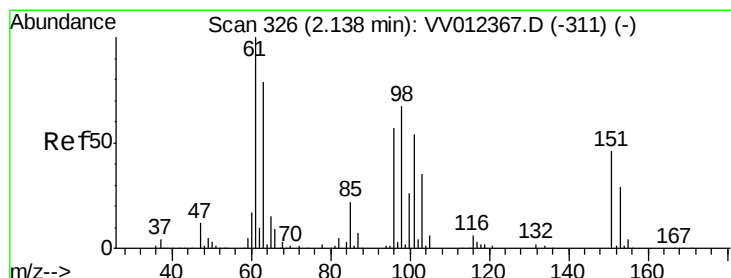
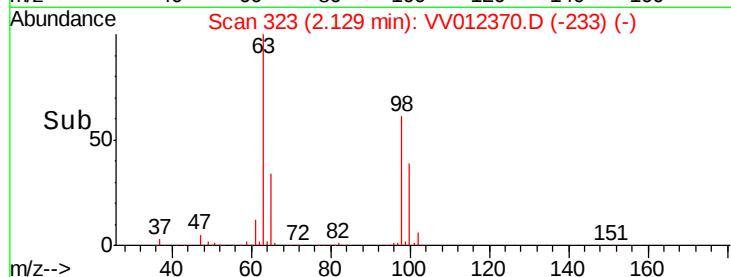
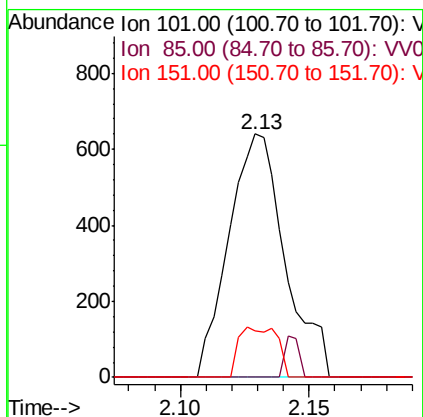
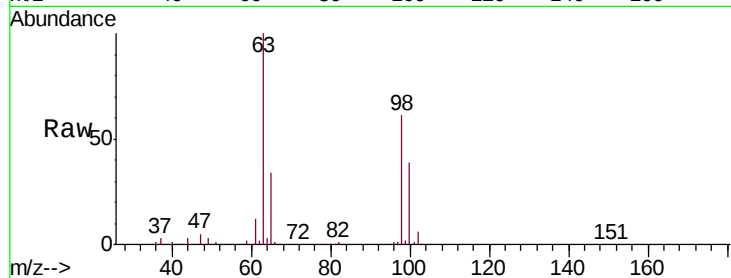
Tgt Ion: 101 Resp: 975

Ion Ratio Lower Upper

101 100

85 4.2 34.6 51.8#

151 14.1 71.2 106.8#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012370.D

Acq: 23 Aug 2019 18:11

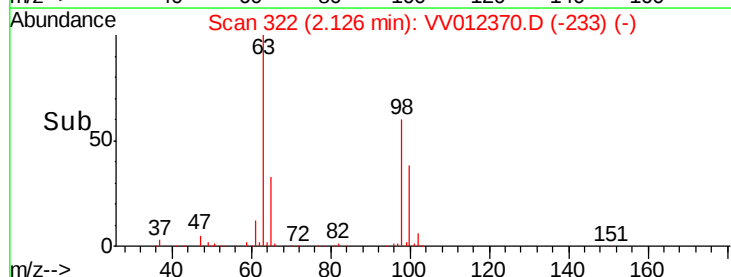
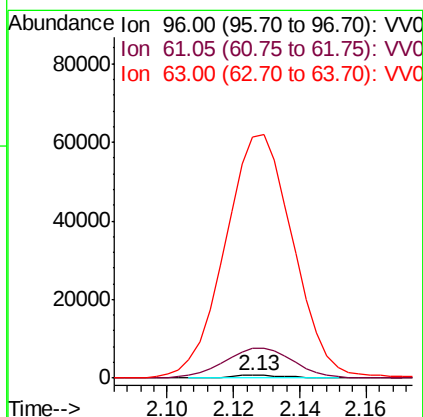
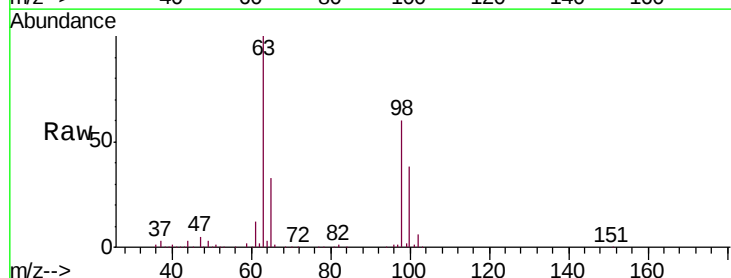
Tgt Ion: 96 Resp: 829

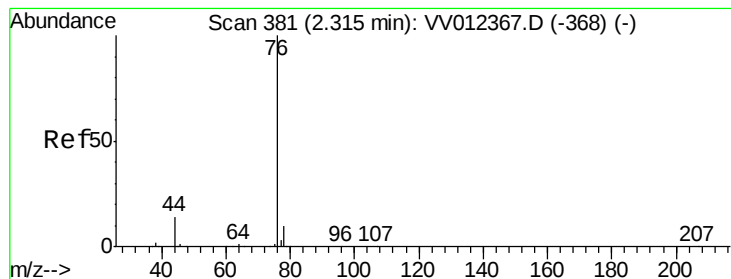
Ion Ratio Lower Upper

96 100

61 1036.6 122.3 227.1#

63 8470.5 90.6 168.2#





#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012370.D

Acq: 23 Aug 2019 18:11

Instrument :

MSVOA_V

ClientSampled :

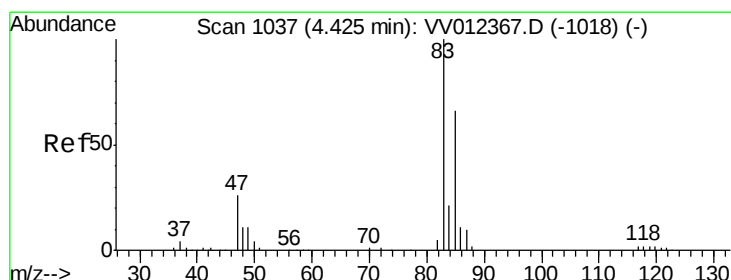
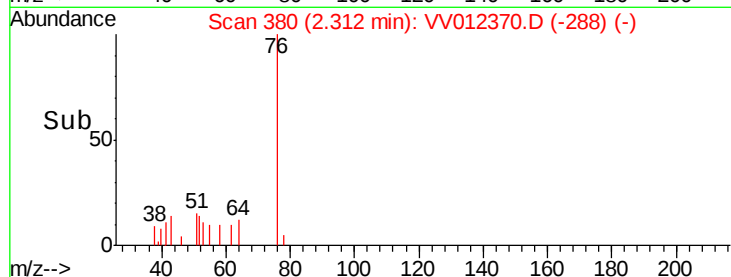
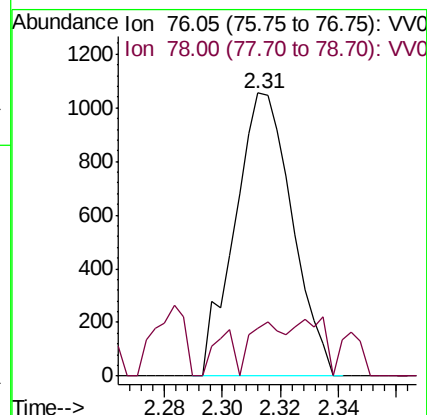
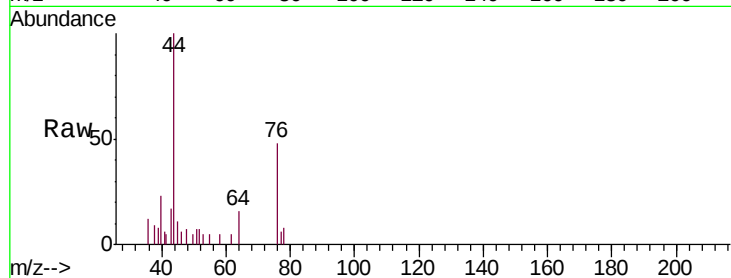
C0XM1

Tgt Ion: 76 Resp: 1447

Ion Ratio Lower Upper

76 100

78 17.0 7.3 10.9#



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VV012370.D

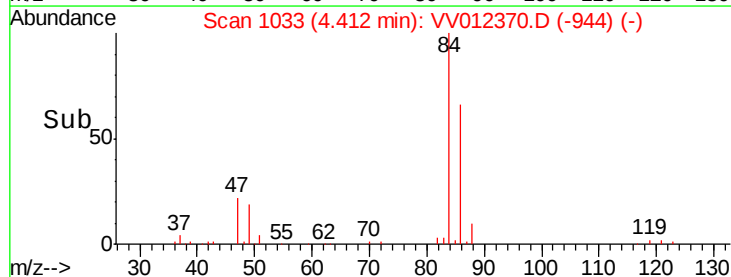
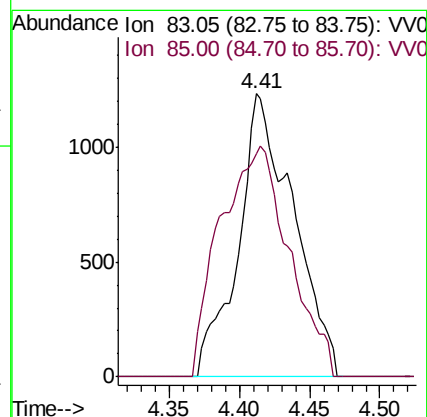
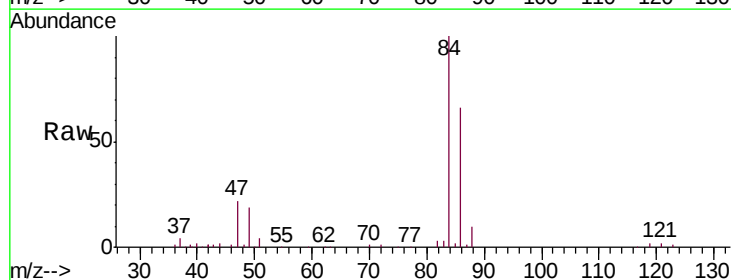
Acq: 23 Aug 2019 18:11

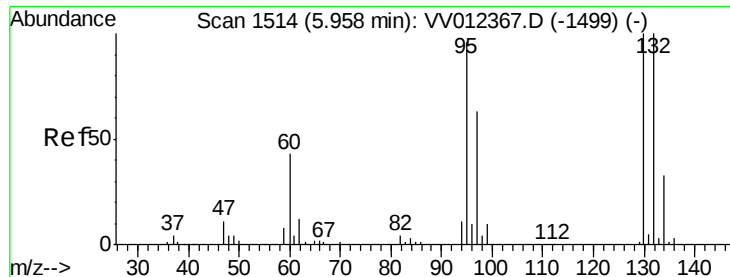
Tgt Ion: 83 Resp: 3364

Ion Ratio Lower Upper

83 100

85 79.0 44.6 82.8





#34

Trichloroethene

Concen: 0.120 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012370.D

Acq: 23 Aug 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

C0XM1

Tgt Ion: 95 Resp: 2123

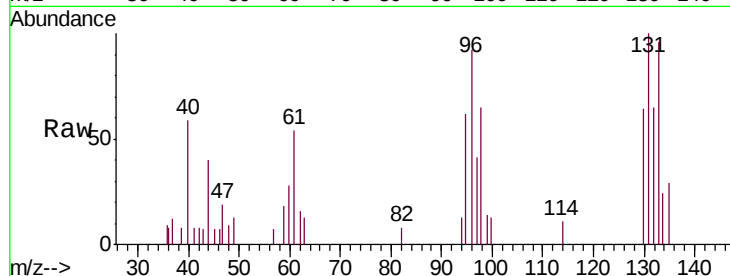
Ion Ratio Lower Upper

95 100

97 65.1 46.3 86.1

132 104.5 70.3 130.7

130 102.7 72.4 134.5

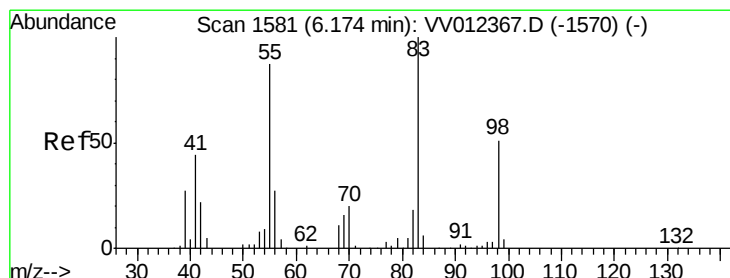
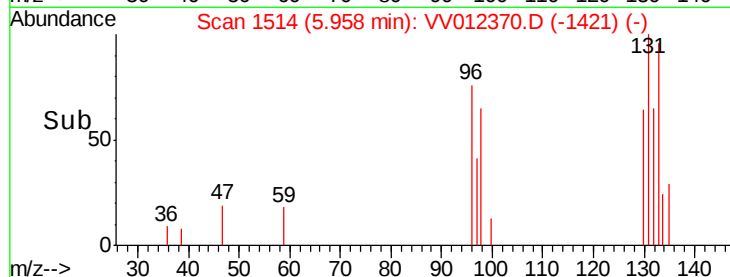
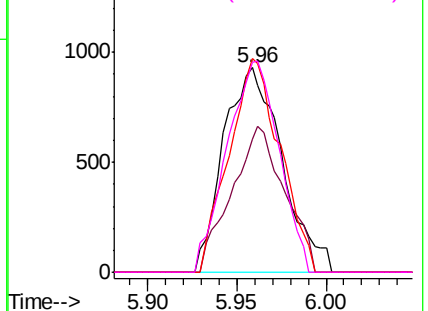


Abundance Ion 95.00 (94.70 to 95.70): VV012367.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV012367.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV012367.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV012367.D (-1499) (-)



#35

Methylcyclohexane

Concen: 0.769 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012370.D

Acq: 23 Aug 2019 18:11

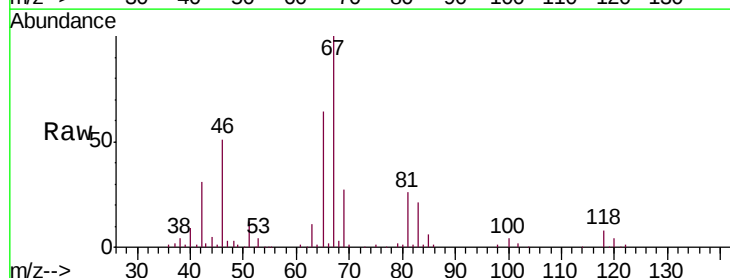
Tgt Ion: 83 Resp: 21356

Ion Ratio Lower Upper

83 100

55 1.1 64.6 97.0#

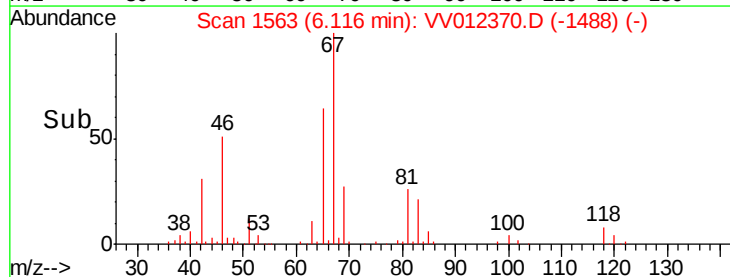
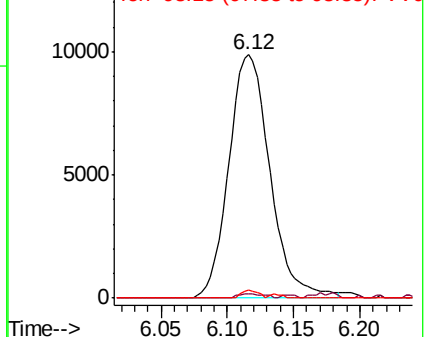
98 1.3 39.0 58.4#

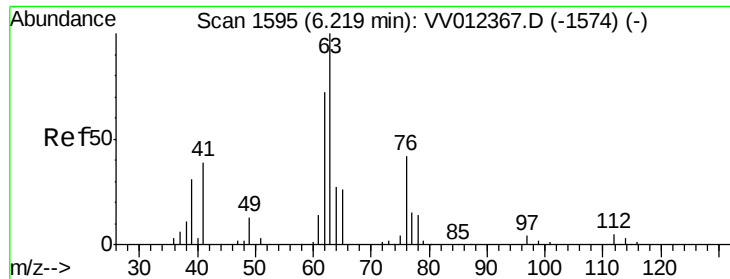


Abundance Ion 83.15 (82.85 to 83.85): VV012367.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV012367.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV012367.D (-1570) (-)

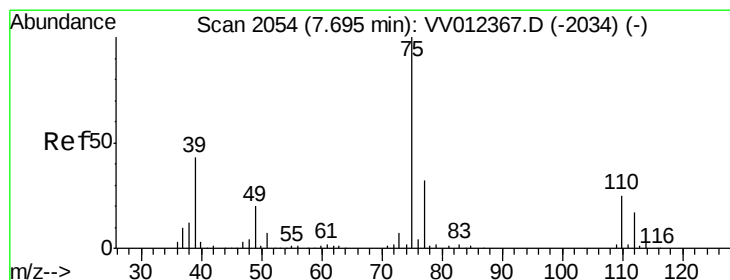
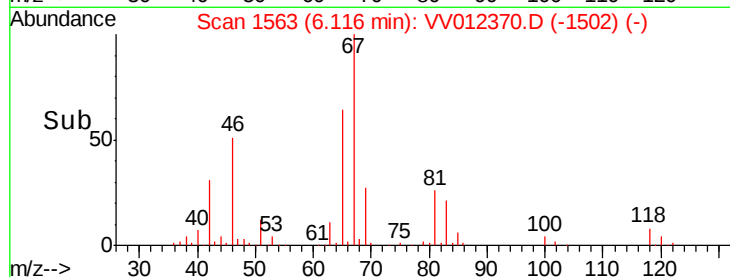
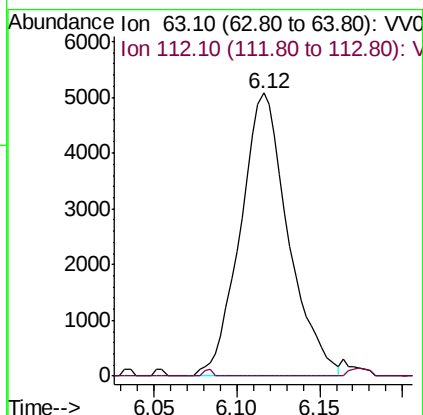
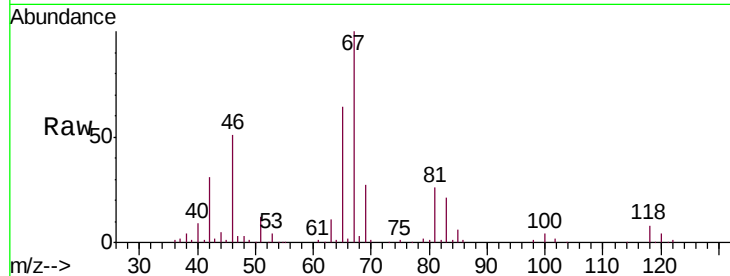




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012370.D
 Acq: 23 Aug 2019 18:11

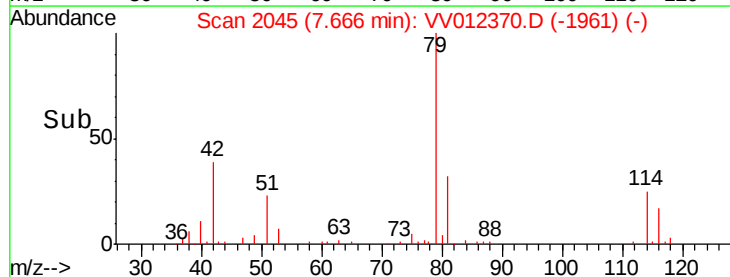
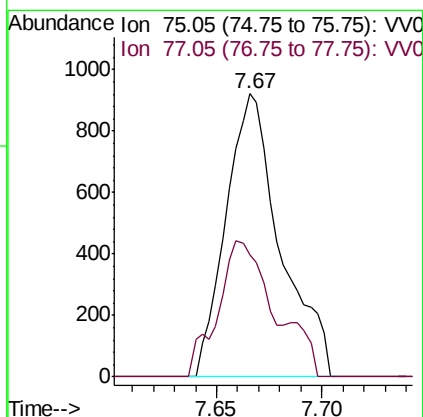
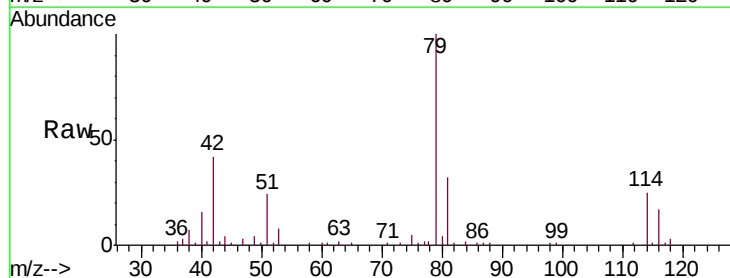
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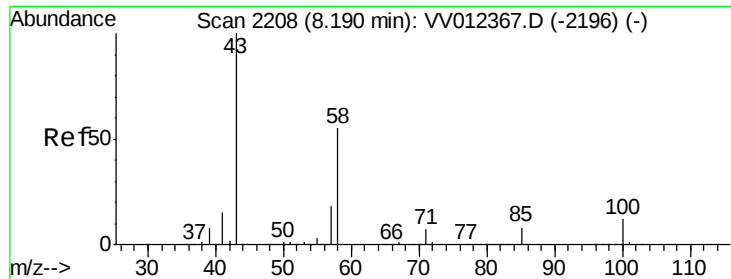
Tgt Ion: 63 Resp: 10169
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.2 6.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012370.D
 Acq: 23 Aug 2019 18:11

Tgt Ion: 75 Resp: 1653
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.6 42.0#





#48

2-Hexanone

Concen: 3.502 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012370.D

Acq: 23 Aug 2019 18:11

Instrument :
MSVOA_V
ClientSampleId :
C0XM1

Tgt Ion: 43 Resp: 22459

Ion Ratio Lower Upper

43 100

58 44.4 46.3 69.5#

57 2.8 14.9 22.3#

100 7.1 9.7 14.5#

