

Data File : VV012371.D
Acq On : 23 Aug 2019 18:38
Operator : SY/MD
Sample : K4481-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XM2

Quant Time: Aug 26 08:03:02 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	262761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	253119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66813	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	48323	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	90916	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.97	46	181870	51.39	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.40	84	145994	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	73368	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	301679	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	94489	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	251863	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	30961	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	96472	43.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55986	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	88666	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

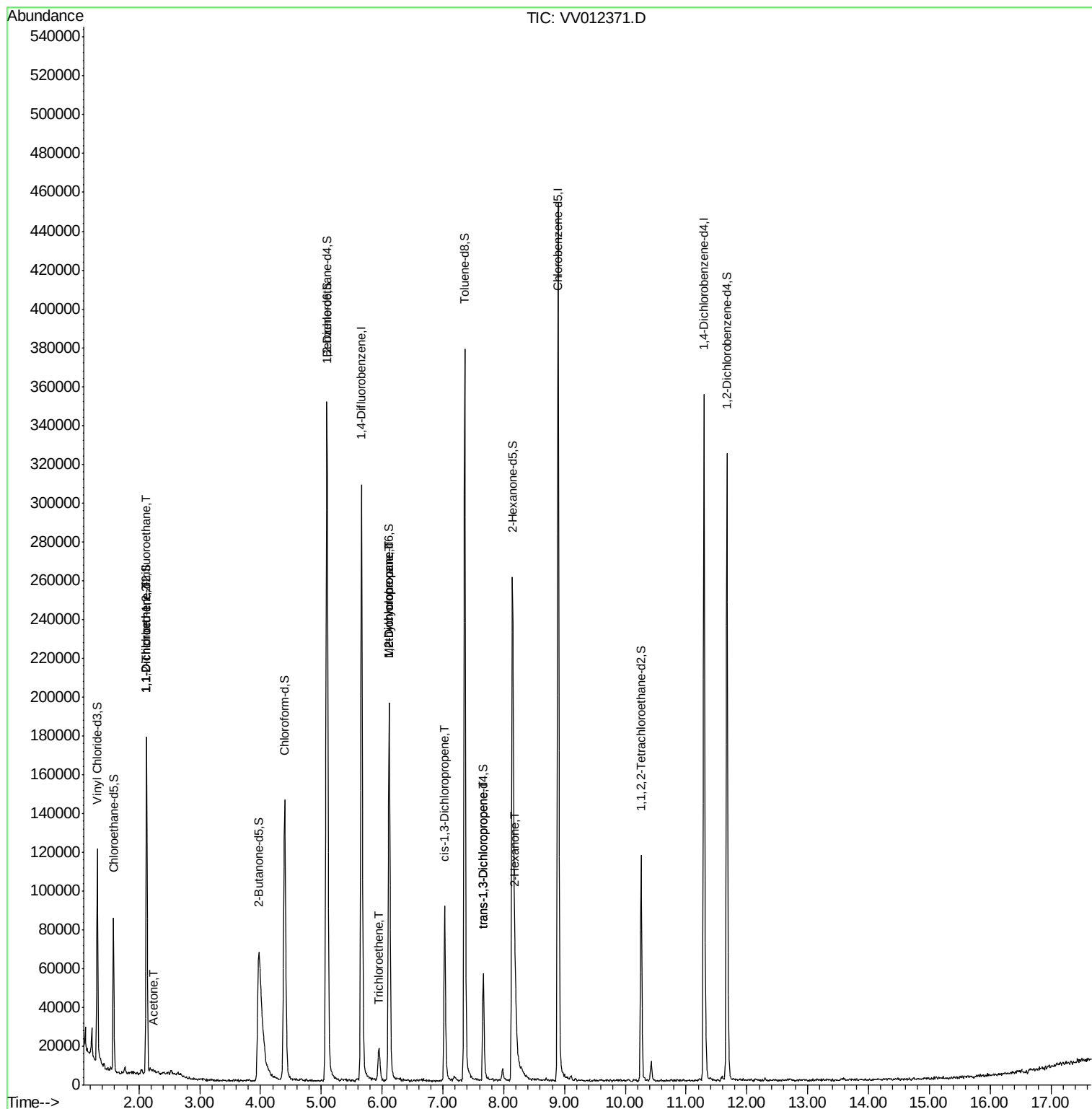
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	958	0.083	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	832	0.079	ug/L #	1
13) Acetone	2.23	43	2045	1.336	ug/L	76
34) Trichloroethene	5.96	95	1802	0.103	ug/L	90
35) Methylcyclohexane	6.12	83	22884	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10125	0.619	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2366	0.108	ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	1526	0.092	ug/L	89
48) 2-Hexanone	8.19	43	24047	3.804	ug/L #	84

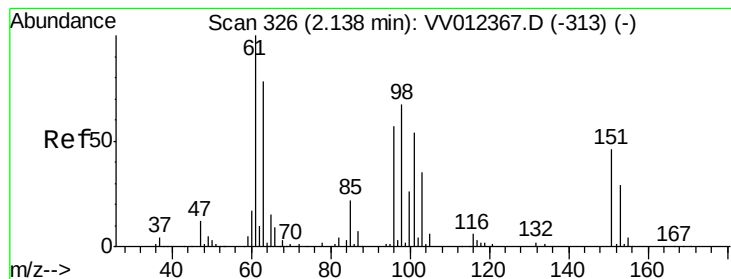
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

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MSVOA_V

ClientSampleId :

C0XM2

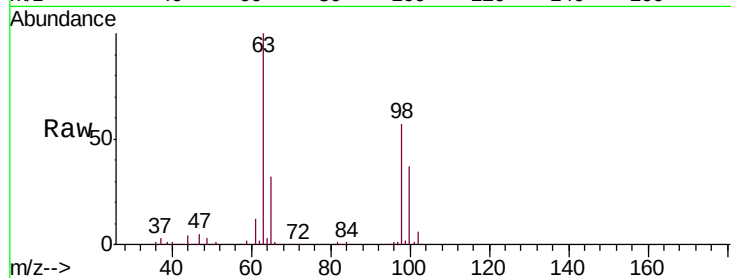
Tgt Ion: 101 Resp: 958

Ion Ratio Lower Upper

101 100

85 7.0 34.6 51.8#

151 0.0 71.2 106.8#



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

2.12

600

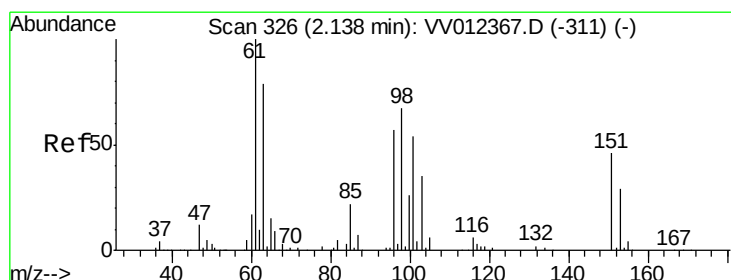
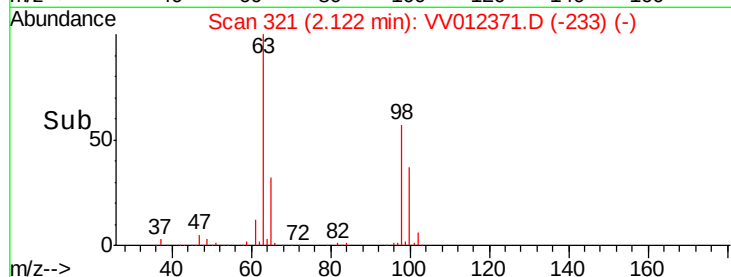
400

200

0

2.08 2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

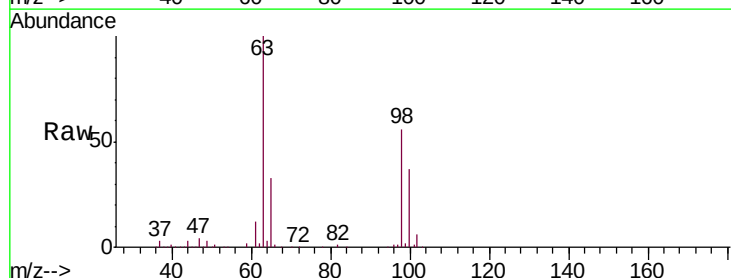
Tgt Ion: 96 Resp: 832

Ion Ratio Lower Upper

96 100

61 1362.8 122.3 227.1#

63 11114.5 90.6 168.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

60000

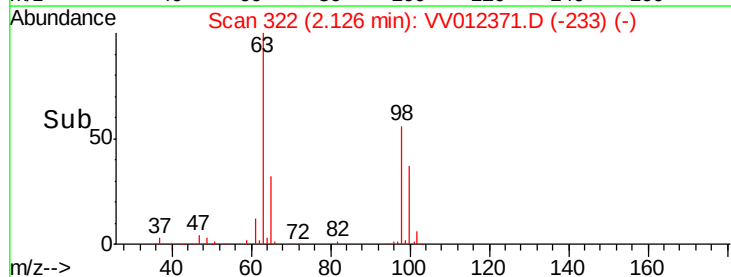
40000

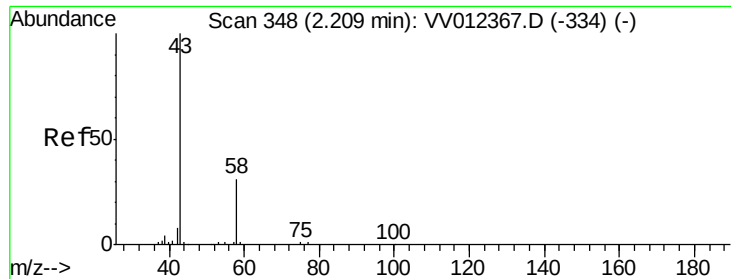
20000

0

2.08 2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 1.336 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.03 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

Instrument :

MSVOA_V

ClientSampleId :

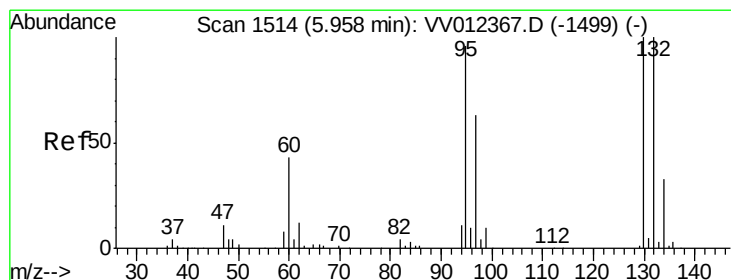
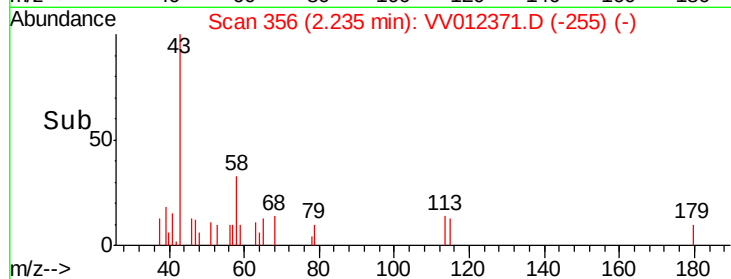
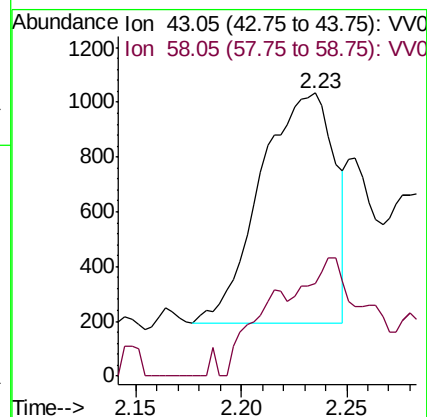
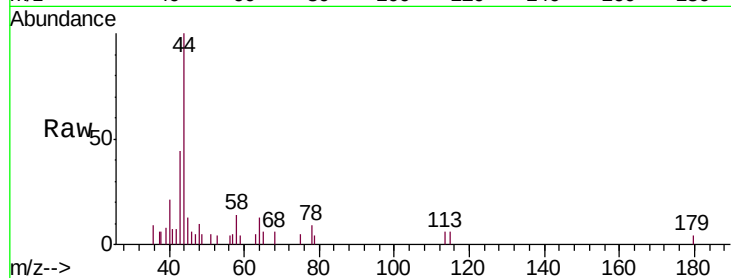
C0XM2

Tgt Ion: 43 Resp: 2045

Ion Ratio Lower Upper

43 100

58 44.4 0.0 62.8



#34

Trichloroethene

Concen: 0.103 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

Tgt Ion: 95 Resp: 1802

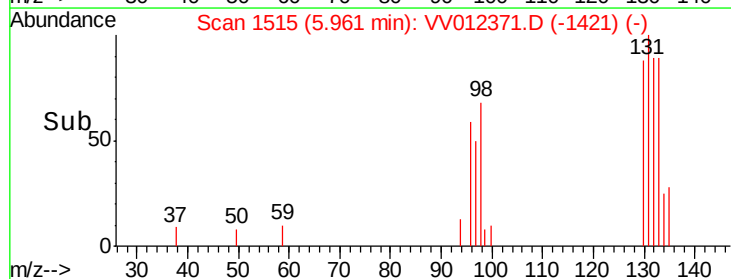
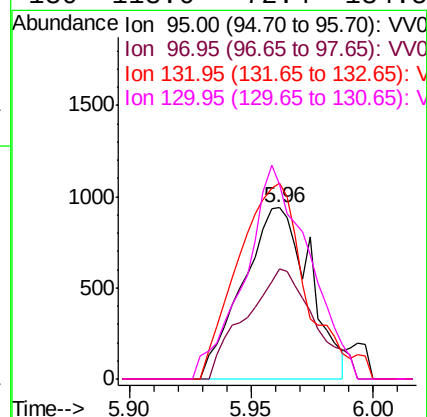
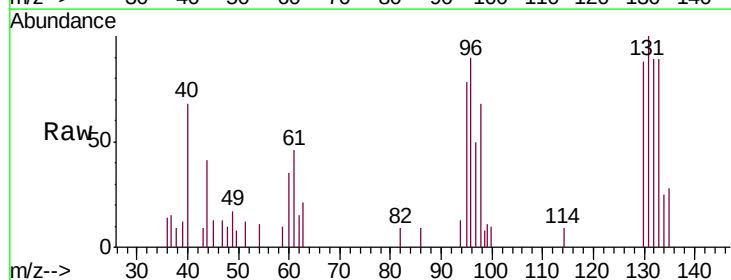
Ion Ratio Lower Upper

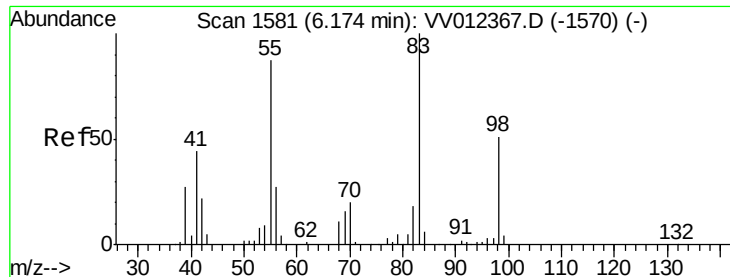
95 100

97 63.9 46.3 86.1

132 114.0 70.3 130.7

130 113.6 72.4 134.5

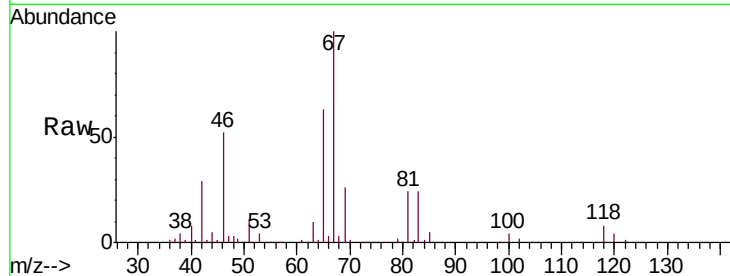




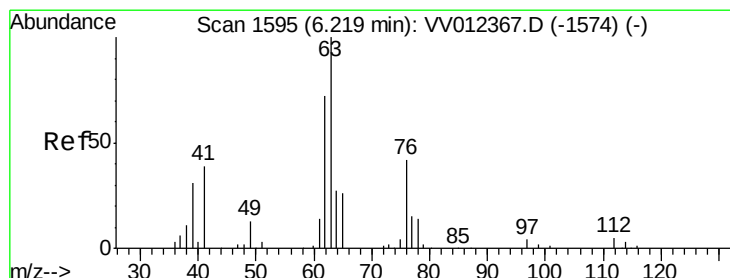
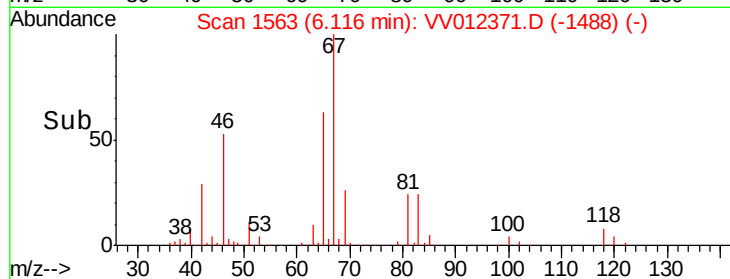
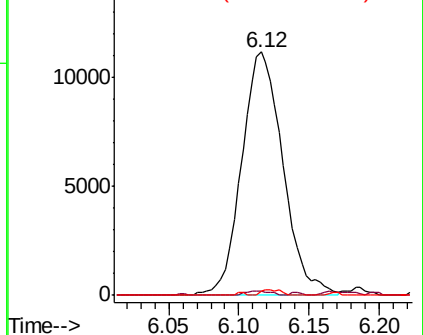
#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012371.D
Acq: 23 Aug 2019 18:38

Instrument :
MSVOA_V
ClientSampleId :
C0XM2

Tgt Ion: 83 Resp: 22884
Ion Ratio Lower Upper
83 100
55 1.1 64.6 97.0#
98 1.1 39.0 58.4#

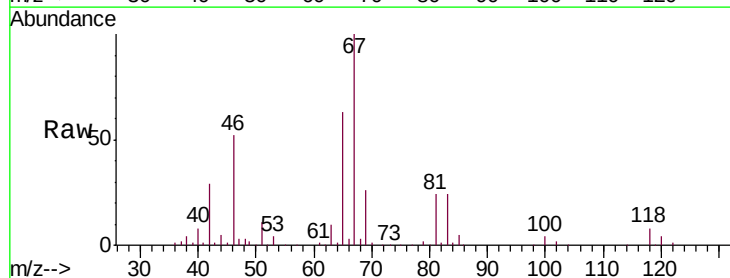


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

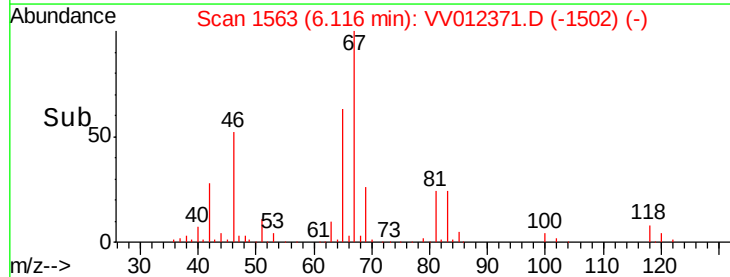
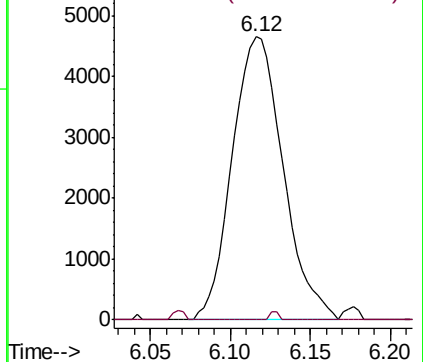


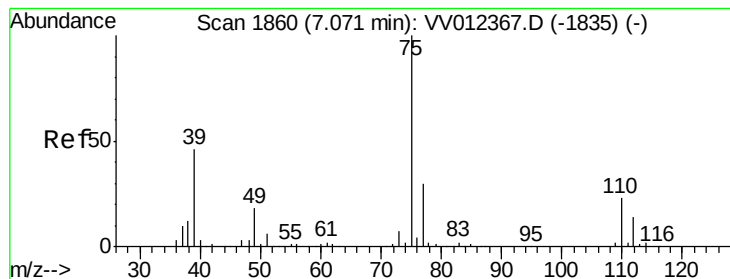
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012371.D
Acq: 23 Aug 2019 18:38

Tgt Ion: 63 Resp: 10125
Ion Ratio Lower Upper
63 100
112 0.5 4.2 6.2#



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: 0.108 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

Instrument :

MSVOA_V

ClientSampled :

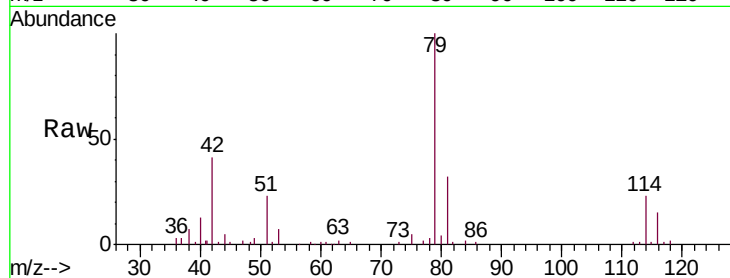
C0XM2

Tgt Ion: 75 Resp: 2366

Ion Ratio Lower Upper

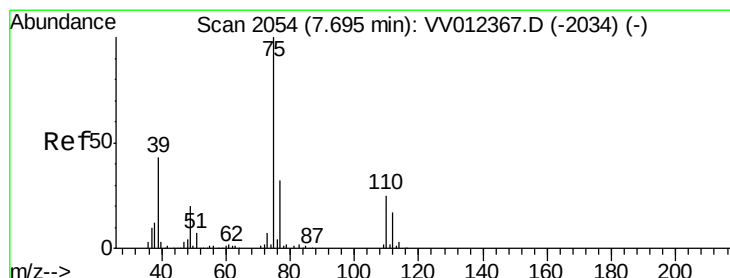
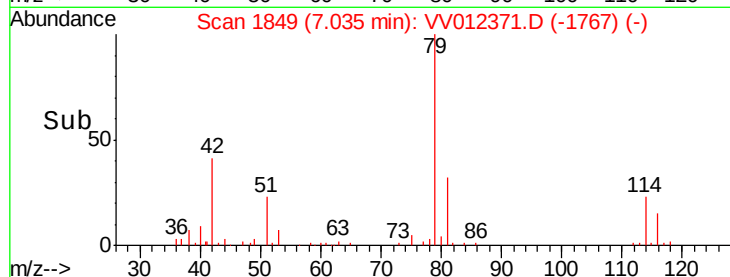
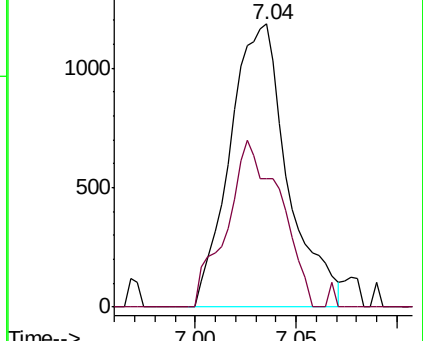
75 100

77 45.2 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012371.D

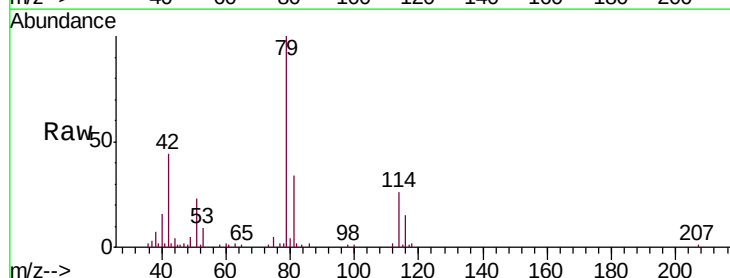
Acq: 23 Aug 2019 18:38

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

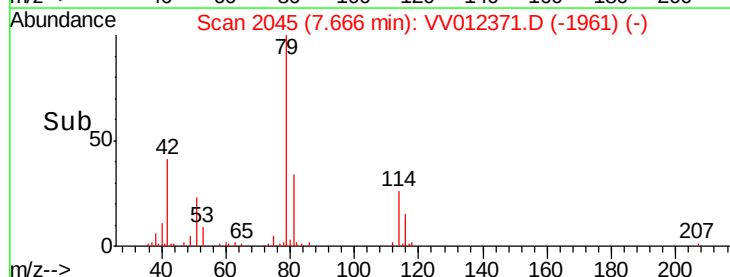
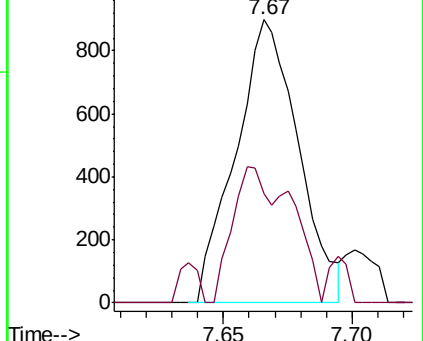
75 100

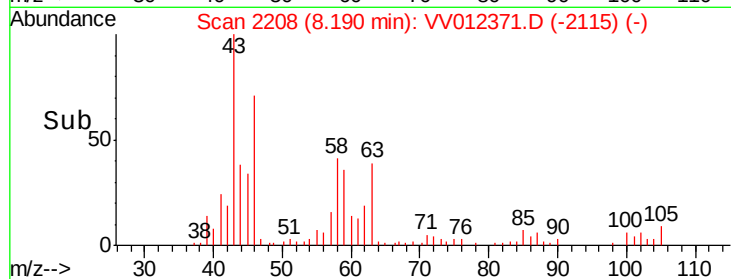
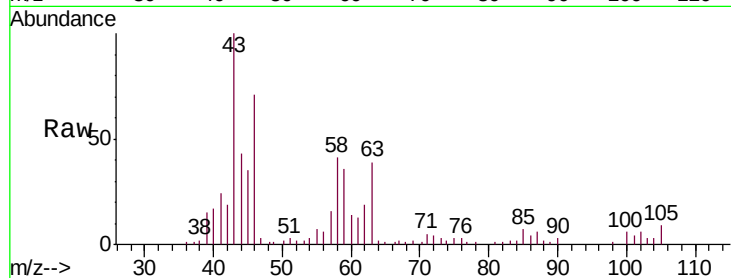
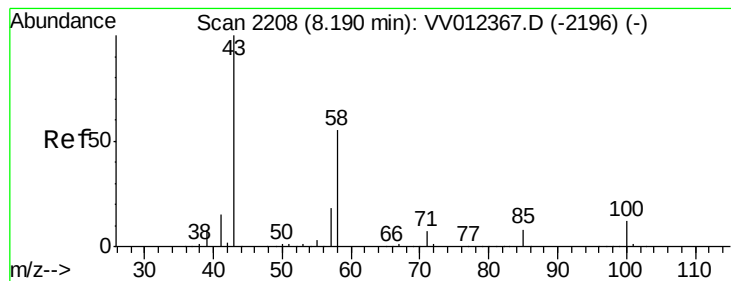
77 38.6 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 3.804 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012371.D

Acq: 23 Aug 2019 18:38

Instrument :
MSVOA_V
ClientSampleId :
C0XM2

Tgt Ion: 43 Resp: 24047

Ion Ratio Lower Upper

43 100

58 44.8 46.3 69.5#

57 14.9 14.9 22.3#

100 4.9 9.7 14.5#

