

Data File : VV011874.D
Acq On : 12 Jul 2019 18:42
Operator : SY/MD
Sample : K3785-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XL2

Quant Time: Jul 13 04:24:22 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	152880	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60178	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.58	69	48503	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	72921	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.95	46	159536	66.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.34%#
24) Chloroform-d	4.40	84	110985	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	63938	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.20%
32) Benzene-d6	5.10	84	225827	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.12	67	69614	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.36	98	191998	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	22927	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	108560	59.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38336	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	70438	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

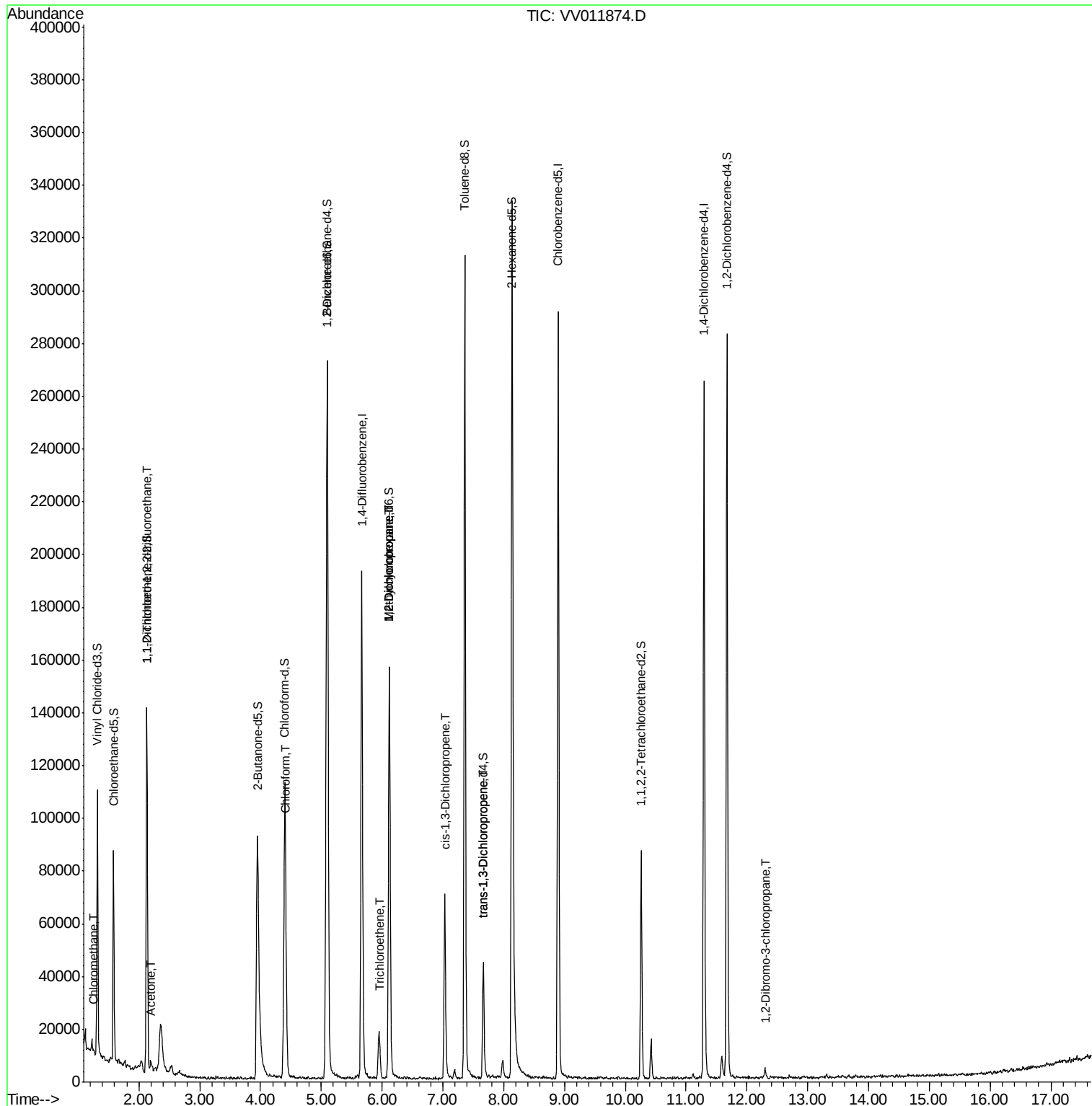
						Qvalue
3) Chloromethane	1.25	50	1643	0.111	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	736	0.083	ug/L #	19
13) Acetone	2.20	43	2953	1.997	ug/L	100
25) Chloroform	4.42	83	2499	0.111	ug/L	81
34) Trichloroethene	5.96	95	1337	0.101	ug/L	92
35) Methylcyclohexane	6.12	83	16700	0.862	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8648	0.747	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2053	0.129	ug/L #	82
44) trans-1,3-Dichloropropene	7.67	75	1210	0.098	ug/L #	63
66) 1,2-Dibromo-3-chloropropan	12.30	75	174	0.140	ug/L #	3

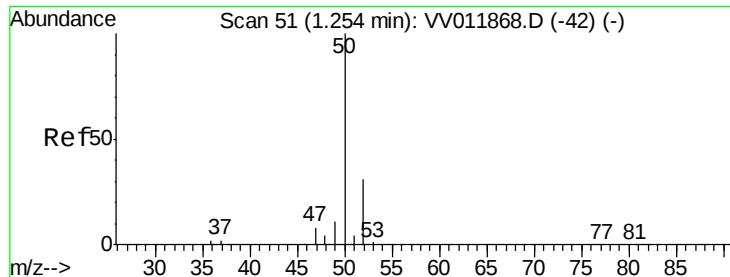
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

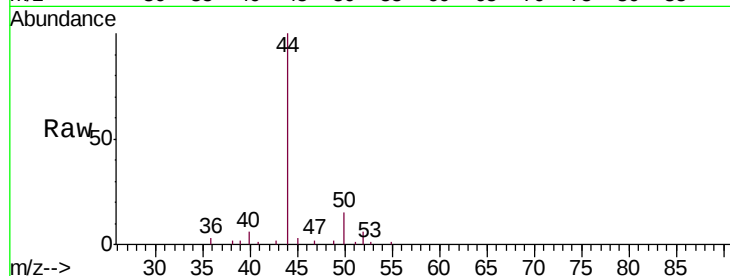
C0XL2

Tgt Ion: 50 Resp: 1643

Ion Ratio Lower Upper

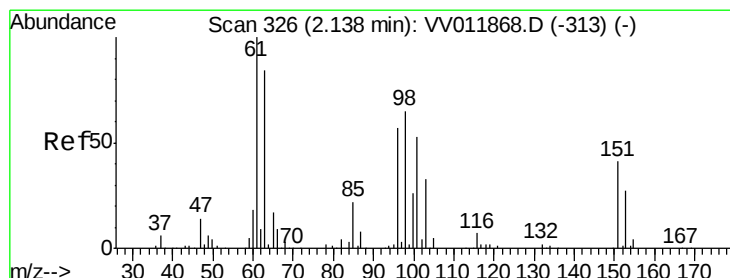
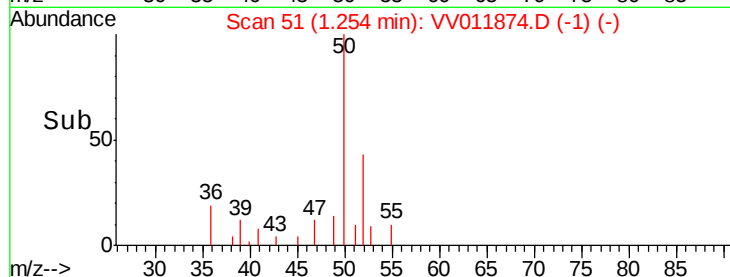
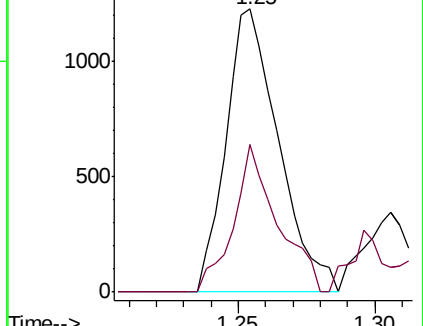
50 100

52 52.3 22.0 41.0#



Abundance Ion 50.05 (49.75 to 50.75): VV011868.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV011868.D (-42) (-)



#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: VV011874.D

Acq: 12 Jul 2019 18:42

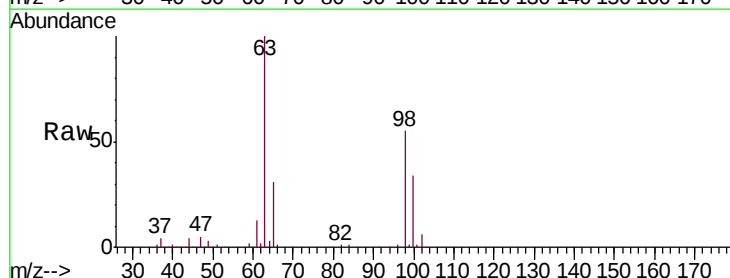
Tgt Ion: 101 Resp: 736

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

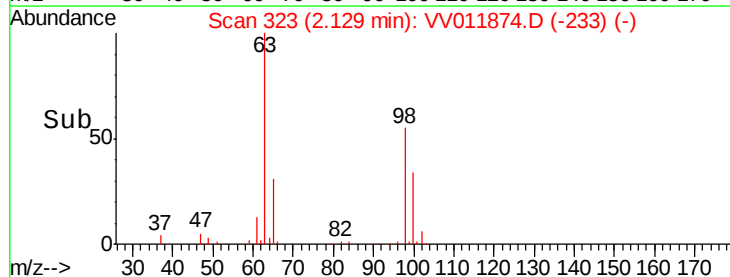
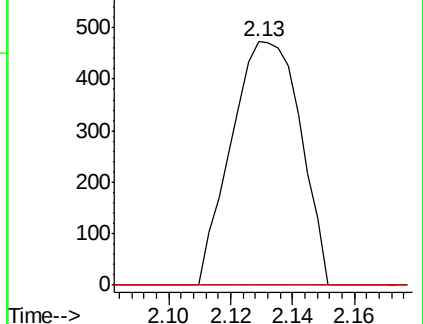
151 0.0 60.8 91.2#

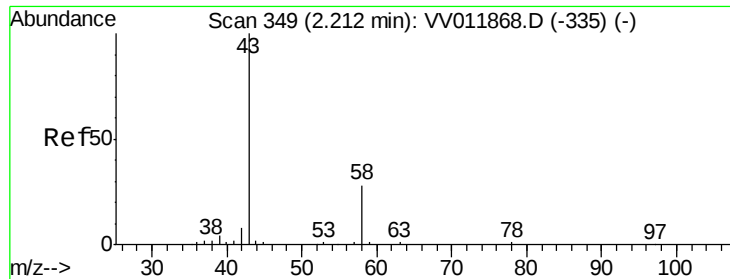


Abundance Ion 101.00 (100.70 to 101.70): VV011868.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV011868.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV011868.D (-313) (-)





#13

Acetone

Concen: 1.997 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

Instrument :

MSVOA_V

ClientSampled :

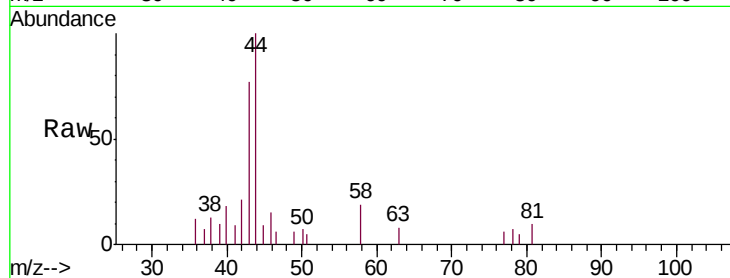
C0XL2

Tgt Ion: 43 Resp: 2953

Ion Ratio Lower Upper

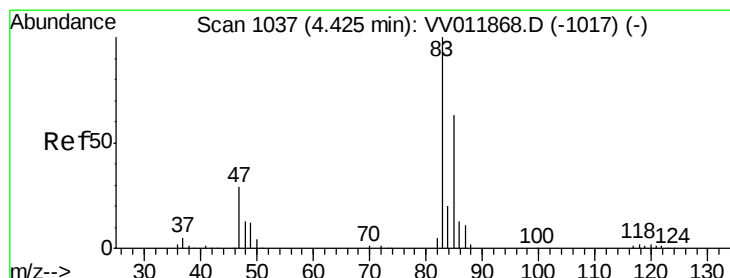
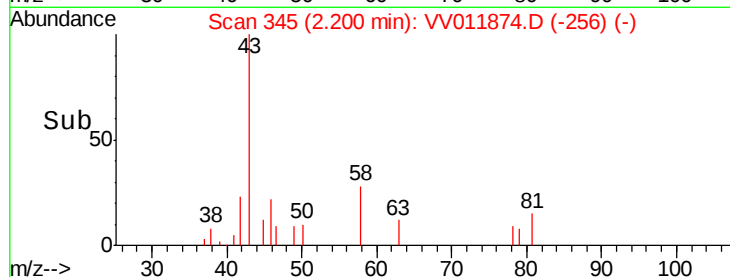
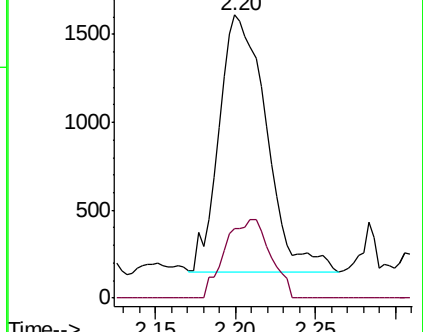
43 100

58 29.2 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV011868.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011868.D (-335) (-)



#25

Chloroform

Concen: 0.111 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011874.D

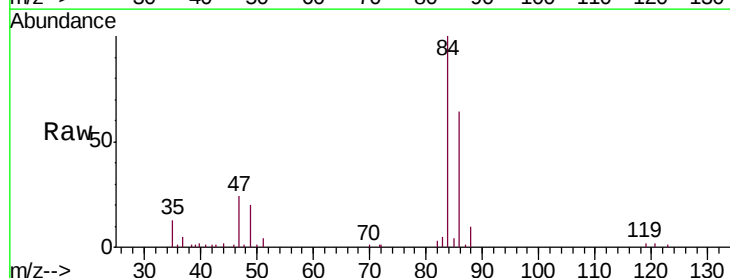
Acq: 12 Jul 2019 18:42

Tgt Ion: 83 Resp: 2499

Ion Ratio Lower Upper

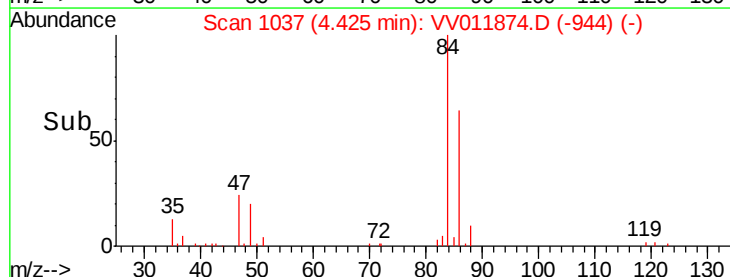
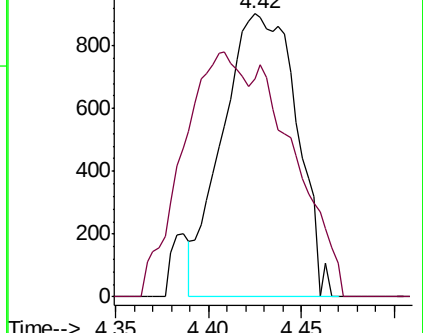
83 100

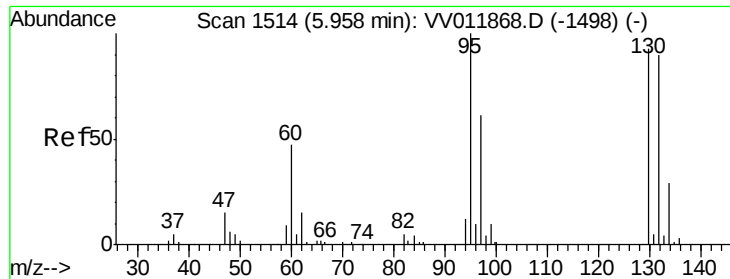
85 77.2 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VV011868.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011868.D (-1017) (-)





#34

Trichloroethene

Concen: 0.101 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

C0XL2

Tgt Ion: 95 Resp: 1337

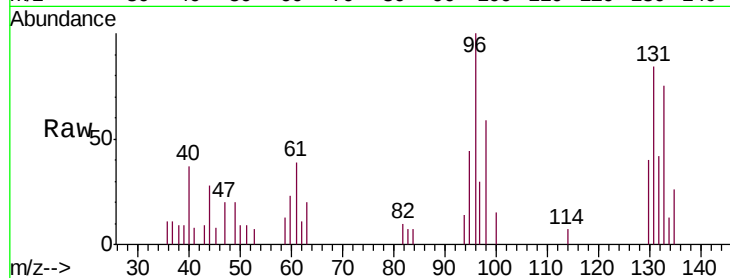
Ion Ratio Lower Upper

95 100

97 68.7 43.2 80.2

132 95.1 68.8 127.8

130 91.1 71.7 133.1

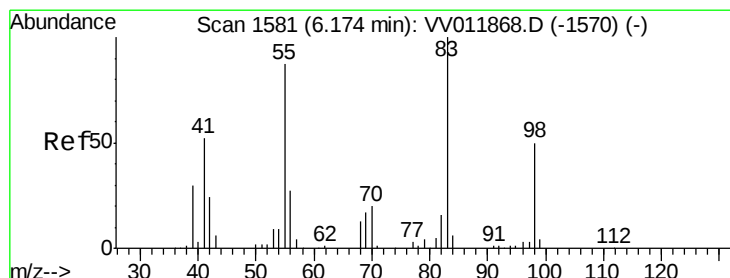
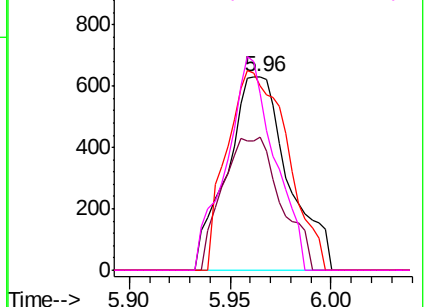
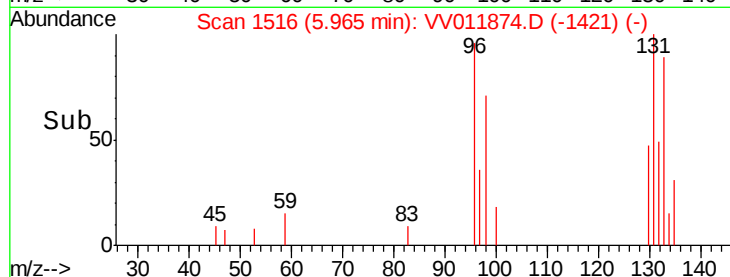


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.862 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

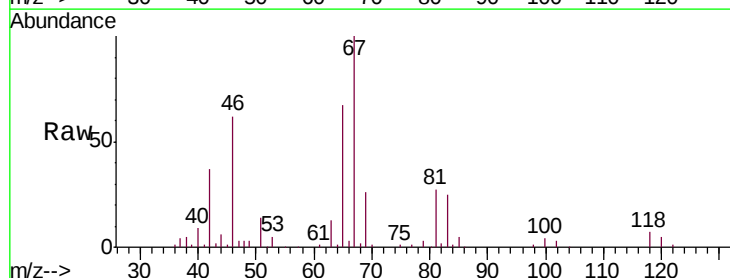
Tgt Ion: 83 Resp: 16700

Ion Ratio Lower Upper

83 100

55 0.3 63.6 95.4#

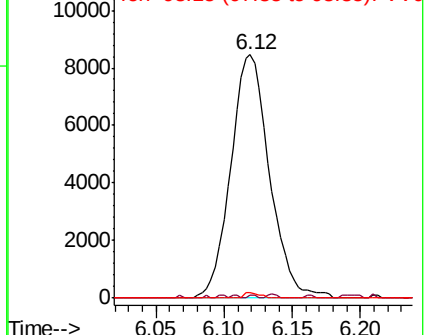
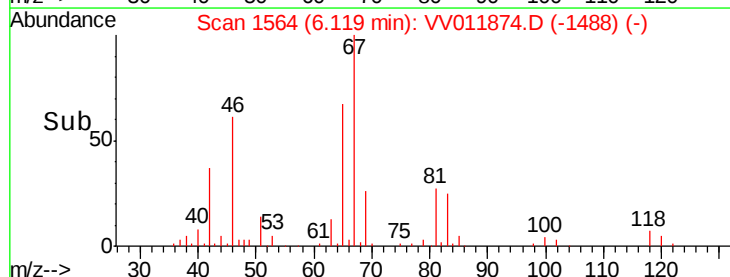
98 0.9 39.1 58.7#

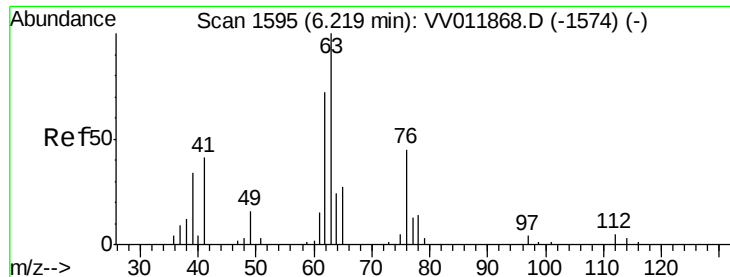


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

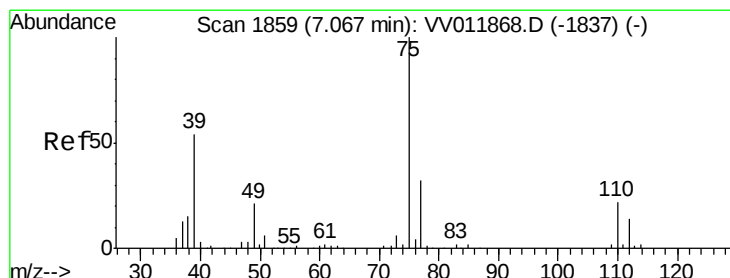
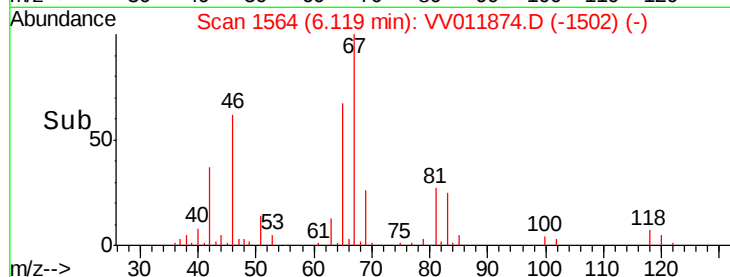
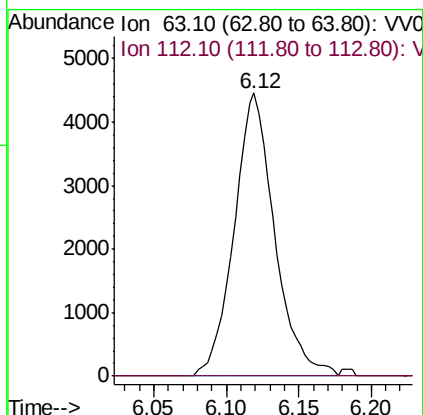
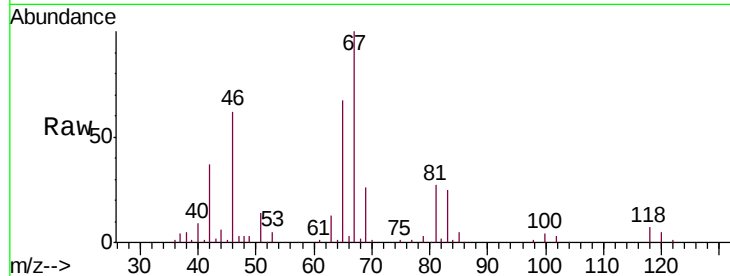




#37
 1,2-Dichloropropane
 Concen: 0.747 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011874.D
 Acq: 12 Jul 2019 18:42

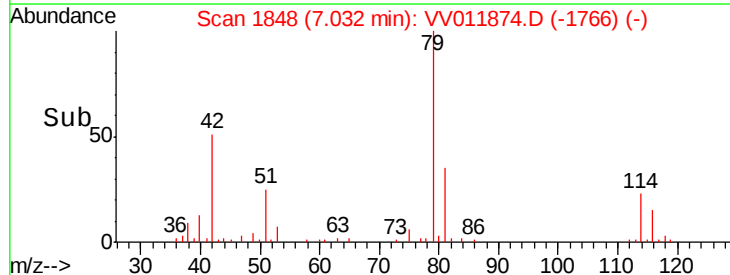
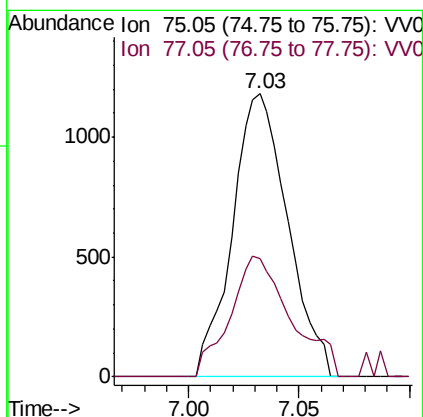
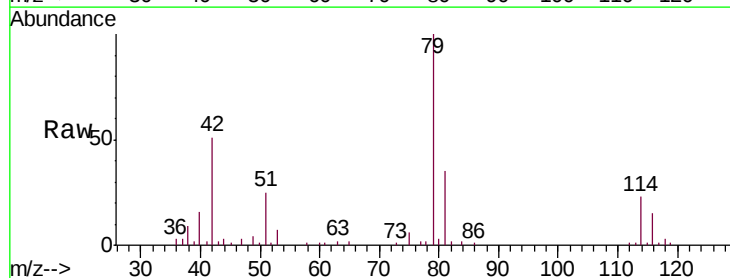
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XL2

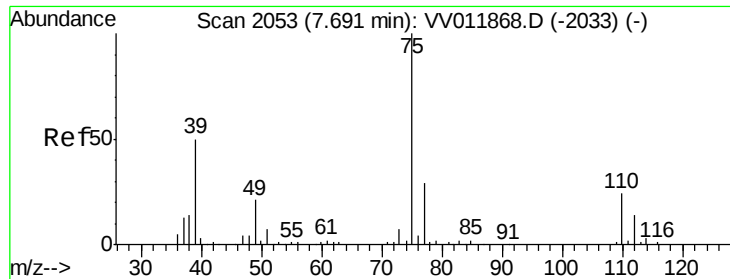
Tgt Ion: 63 Resp: 8648
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011874.D
 Acq: 12 Jul 2019 18:42

Tgt Ion: 75 Resp: 2053
 Ion Ratio Lower Upper
 75 100
 77 41.9 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

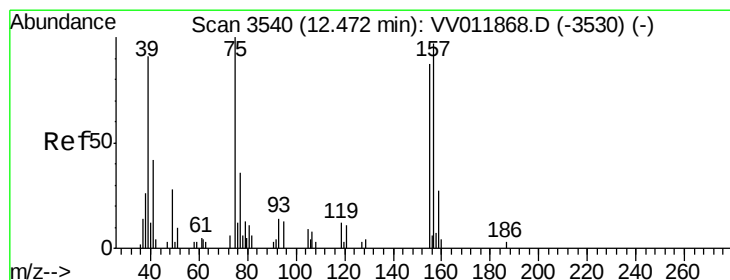
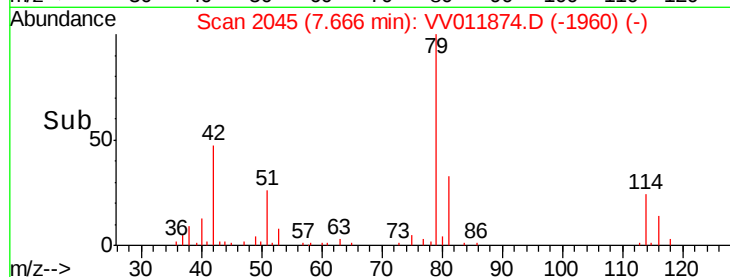
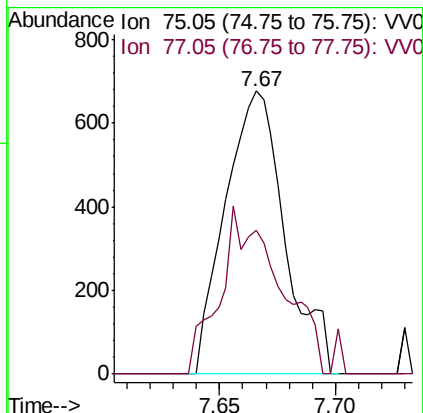
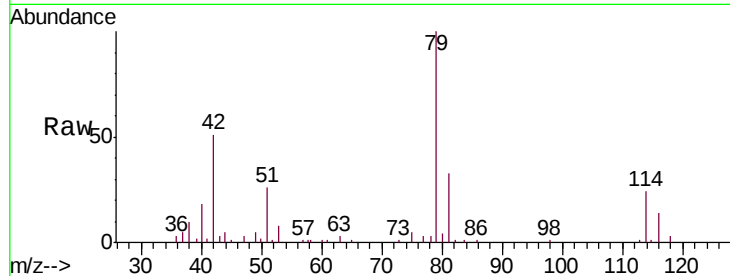
C0XL2

Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

77 50.8 21.6 40.0#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.140 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.17 min

Lab File: VV011874.D

Acq: 12 Jul 2019 18:42

Tgt Ion: 75 Resp: 174

Ion Ratio Lower Upper

75 100

155 0.0 68.7 103.1#

157 0.0 80.2 120.2#

