

Data File : VV012924.D
Acq On : 20 Sep 2019 15:16
Operator : SY/MD
Sample : VV0921WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Quant Time: Sep 21 00:45:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 21 00:42:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	361486	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135230	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.58	69	125723	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	168972	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.98	46	438057	58.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.94%
24) Chloroform-d	4.40	84	276882	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	148076	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	537584	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	175944	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	414641	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	55640	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	268845	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	129849	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	162031	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

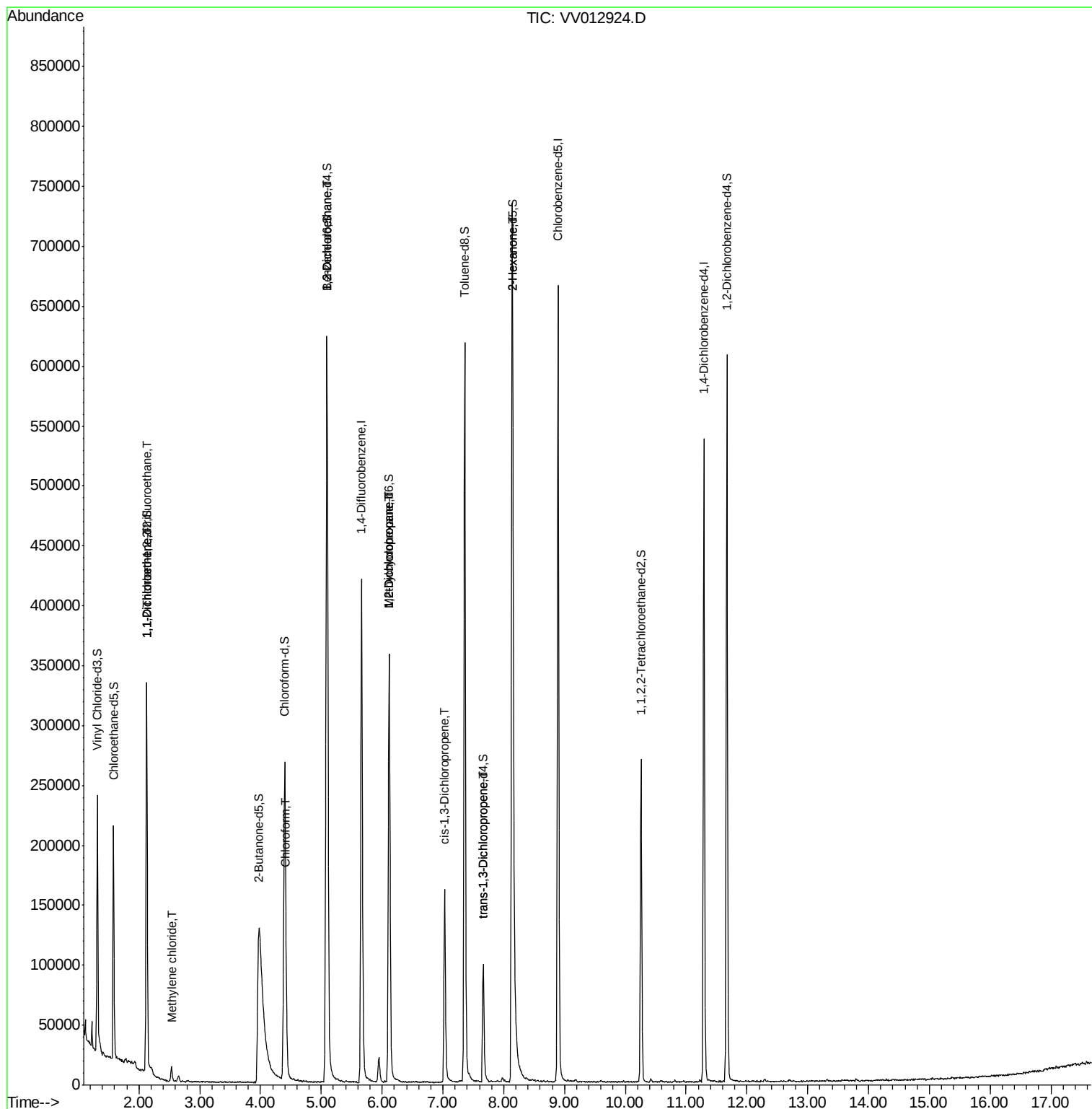
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1978	0.093 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1909	0.099 ug/L #	1
16) Methylene chloride	2.53	84	5161	0.217 ug/L	96
25) Chloroform	4.43	83	10741	0.215 ug/L	99
27) 1,2-Dichloroethane	5.10	62	2942	0.111 ug/L	100
35) Methylcyclohexane	6.12	83	40474	1.248 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18940	0.741 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3699	0.109 ug/L #	51
44) trans-1,3-Dichloropropene	7.66	75	2780	0.103 ug/L #	78
48) 2-Hexanone	8.14	43	36653	3.080 ug/L #	81

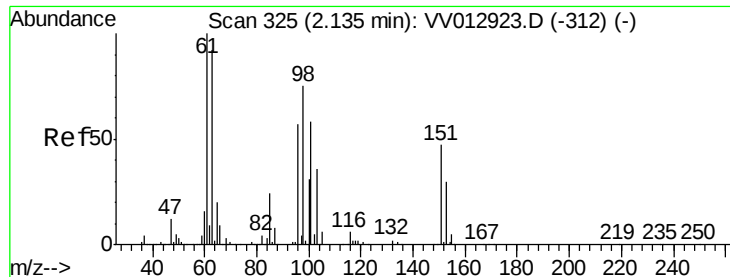
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012924.D
Acq On : 20 Sep 2019 15:16
Operator : SY/MD
Sample : VV0921WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Quant Time: Sep 21 00:45:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 21 00:42:58 2019
Response via : Initial Calibration





#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012924.D

Acq: 20 Sep 2019 15:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK33

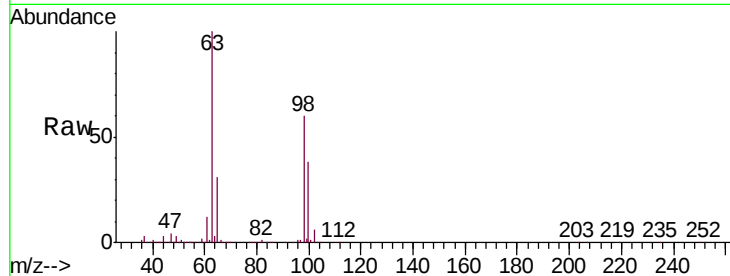
Tgt Ion:101 Resp: 1978

Ion Ratio Lower Upper

101 100

85 2.1 33.5 50.3#

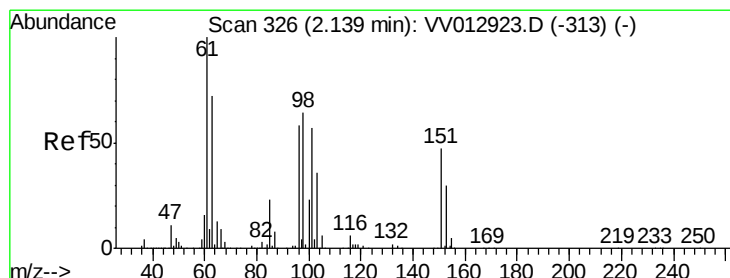
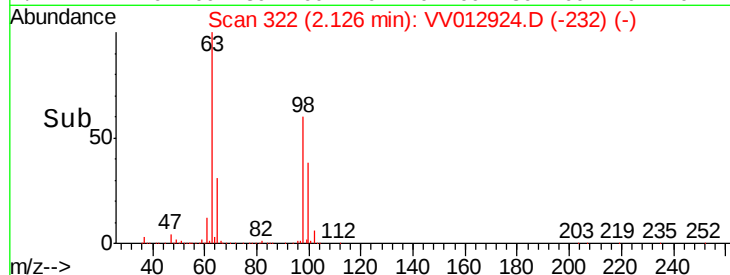
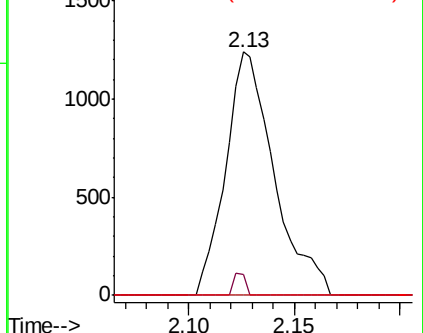
151 0.0 64.0 96.0#



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



#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012924.D

Acq: 20 Sep 2019 15:16

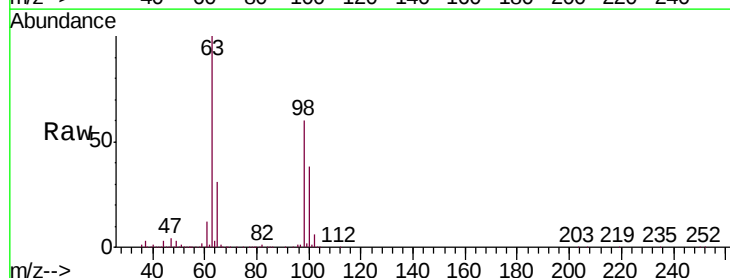
Tgt Ion: 96 Resp: 1909

Ion Ratio Lower Upper

96 100

61 1309.3 116.1 215.5#

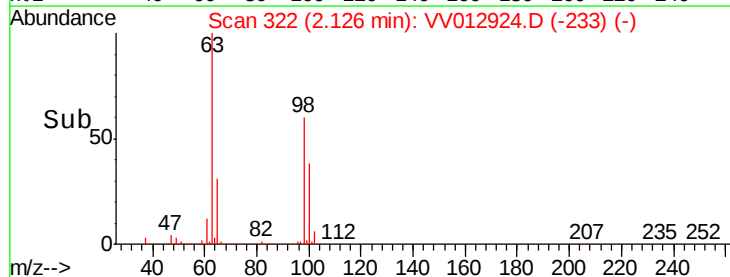
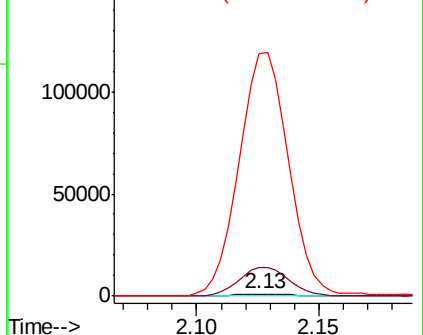
63 10993.5 113.3 210.3#

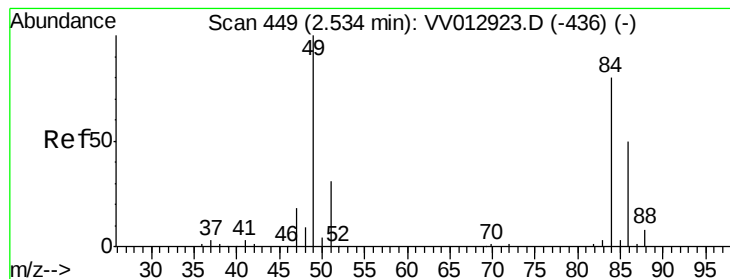


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.217 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012924.D

Acq: 20 Sep 2019 15:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK33

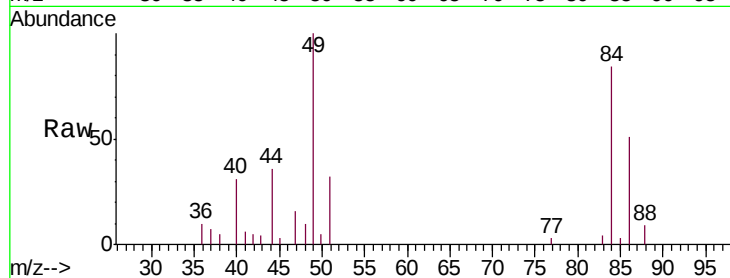
Tgt Ion: 84 Resp: 5161

Ion Ratio Lower Upper

84 100

86 60.0 44.8 83.2

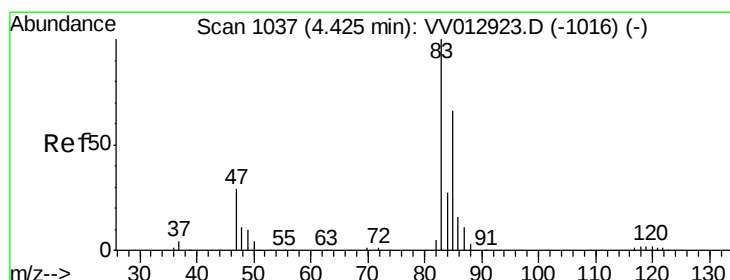
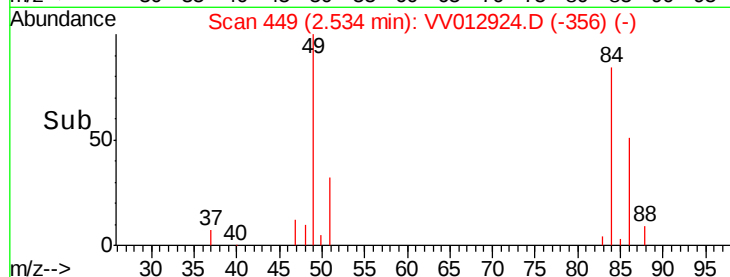
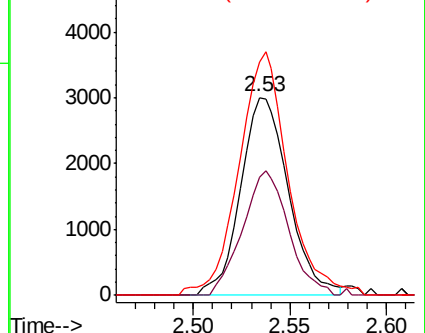
49 118.5 85.9 159.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.215 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012924.D

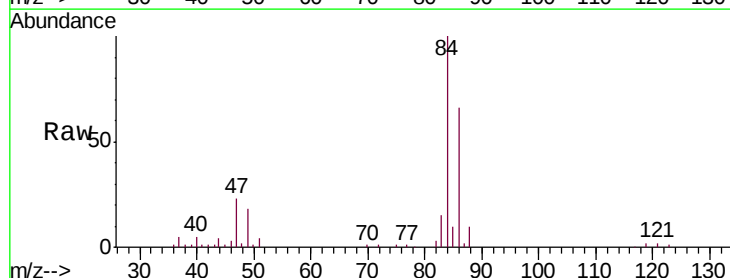
Acq: 20 Sep 2019 15:16

Tgt Ion: 83 Resp: 10741

Ion Ratio Lower Upper

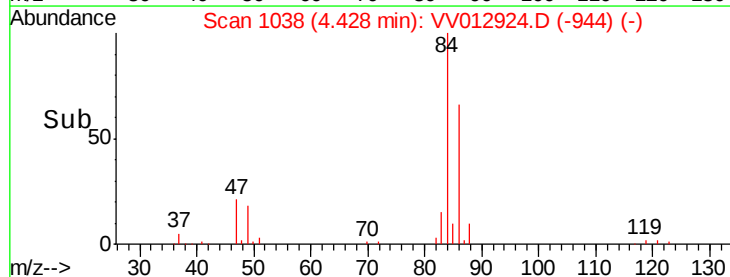
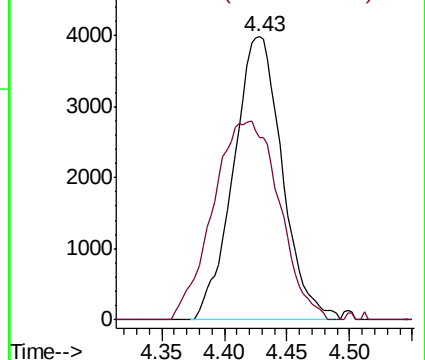
83 100

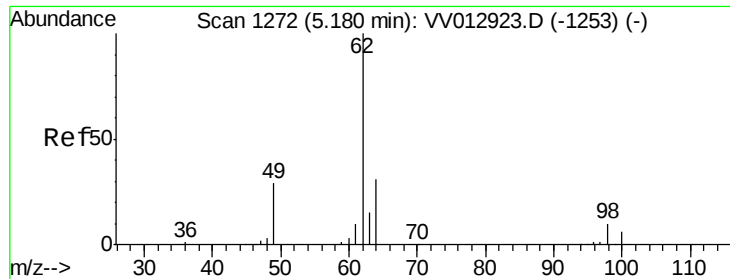
85 64.5 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

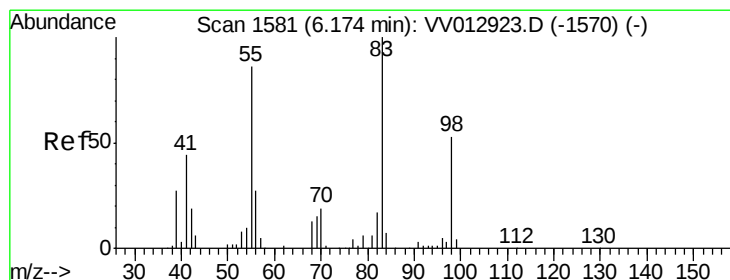
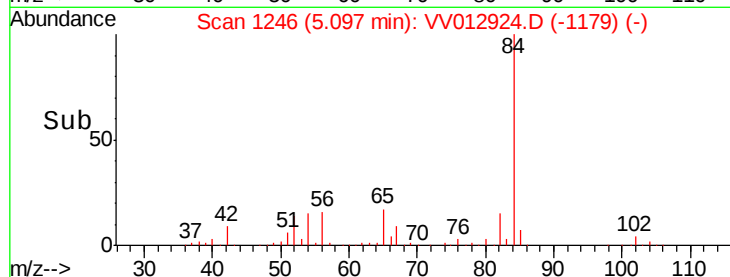
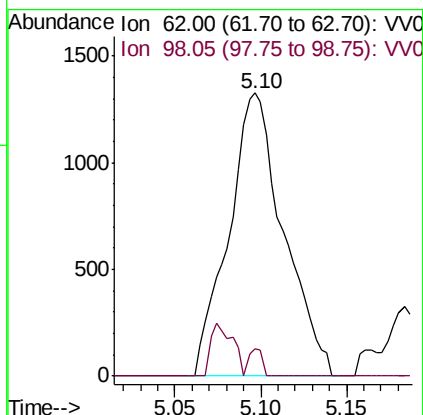
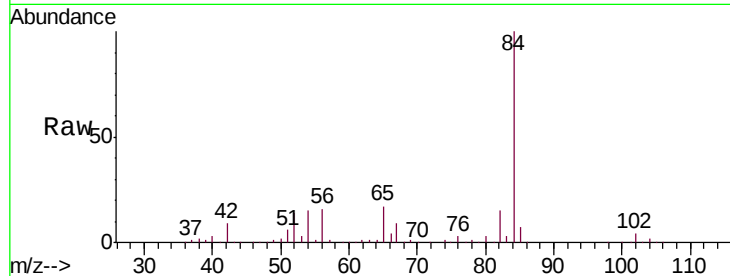




#27
 1,2-Dichloroethane
 Concen: 0.111 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV012924.D
 Acq: 20 Sep 2019 15:16

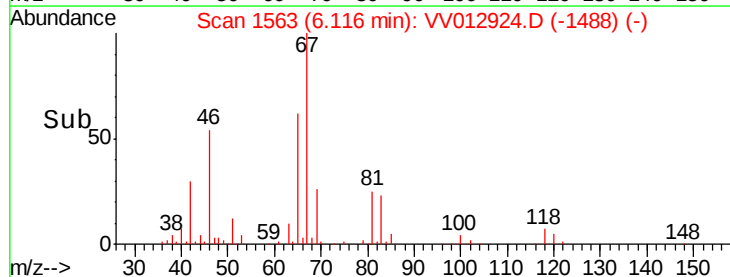
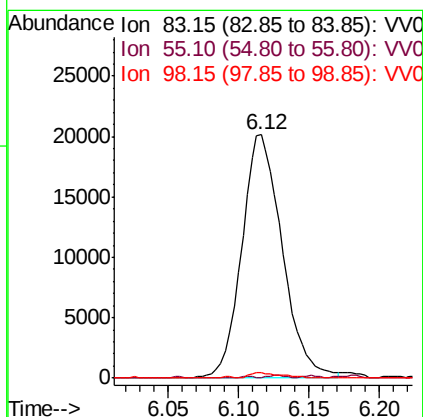
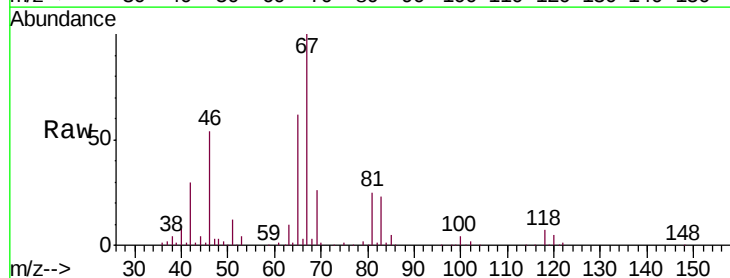
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK33

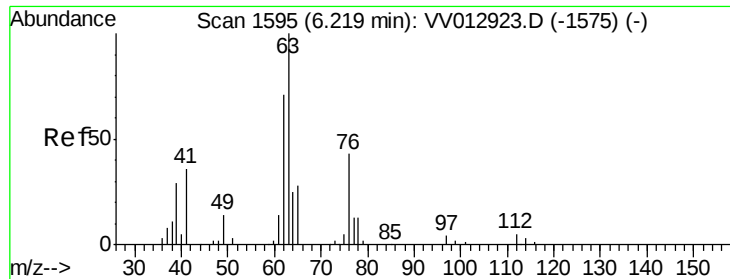
Tgt Ion: 62 Resp: 2942
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.8 11.8



#35
 Methylcyclohexane
 Concen: 1.248 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012924.D
 Acq: 20 Sep 2019 15:16

Tgt Ion: 83 Resp: 40474
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.8 95.6#
 98 1.7 38.2 57.4#

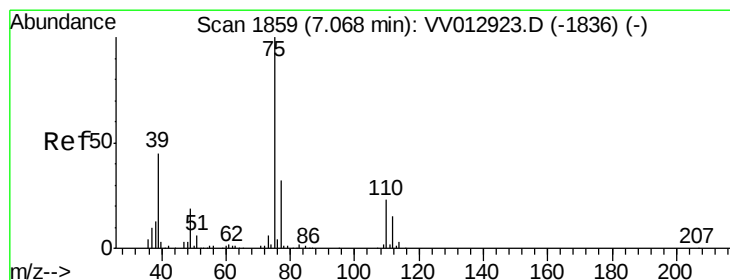
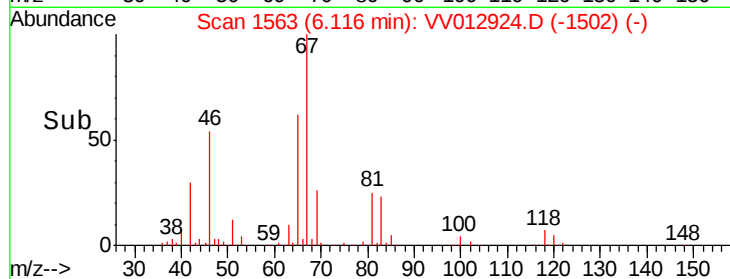
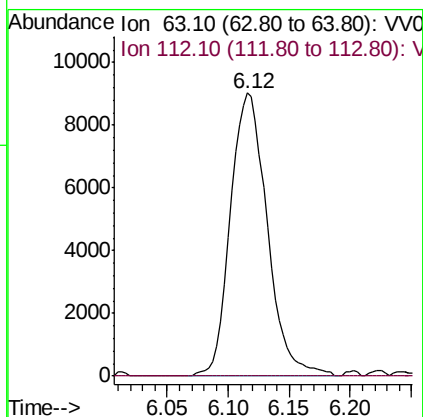
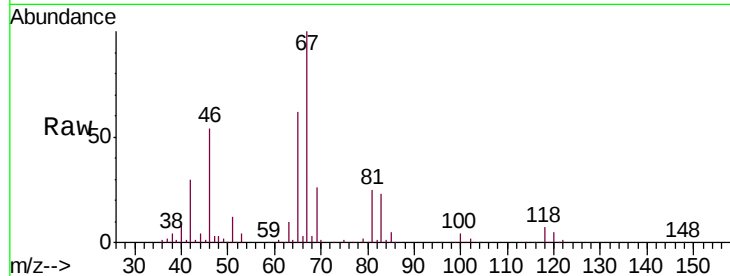




#37
 1,2-Dichloropropane
 Concen: 0.741 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012924.D
 Acq: 20 Sep 2019 15:16

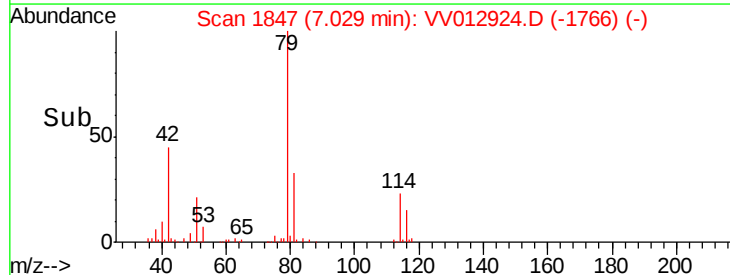
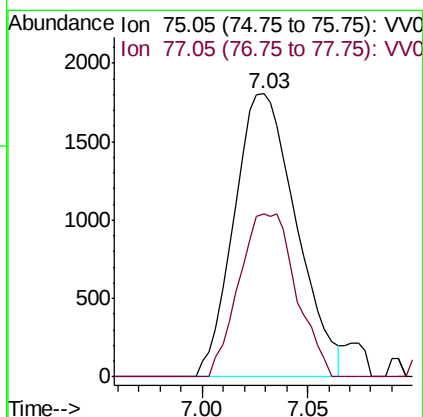
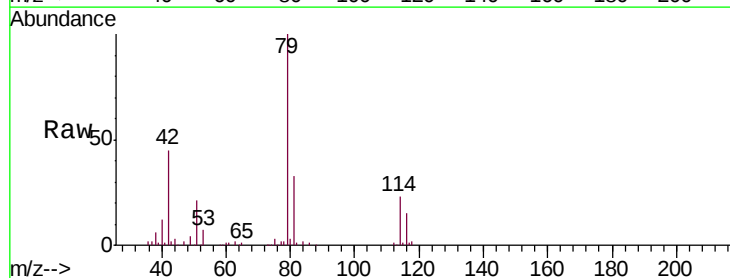
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK33

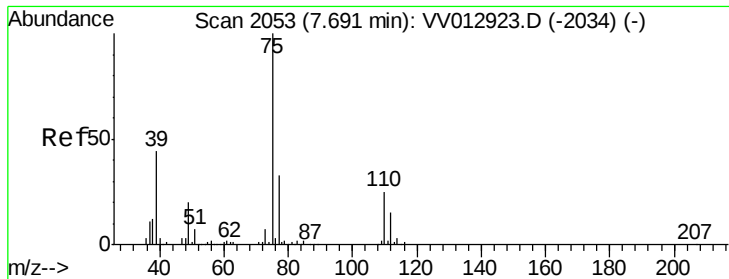
Tgt Ion: 63 Resp: 18940
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012924.D
 Acq: 20 Sep 2019 15:16

Tgt Ion: 75 Resp: 3699
 Ion Ratio Lower Upper
 75 100
 77 57.8 21.6 40.0#





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012924.D

Acq: 20 Sep 2019 15:16

Instrument :

MSVOA_V

ClientSampleId :

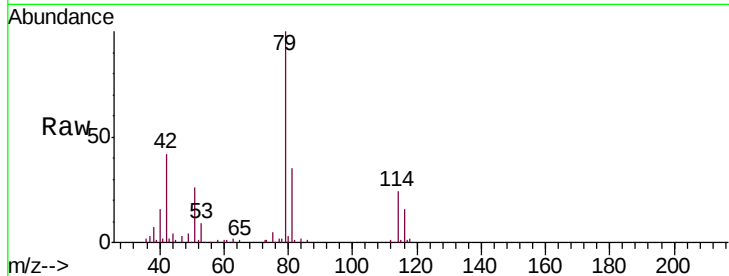
VBLK33

Tgt Ion: 75 Resp: 2780

Ion Ratio Lower Upper

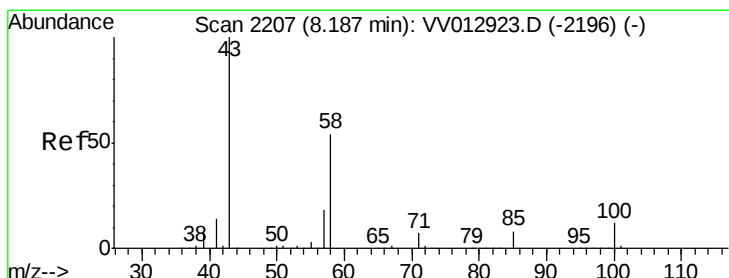
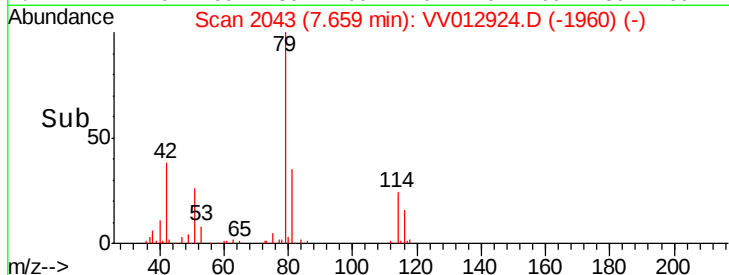
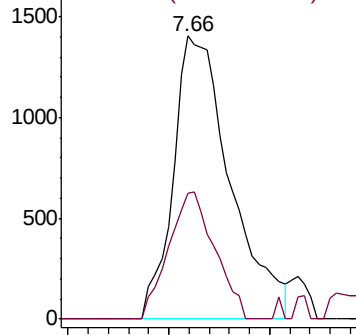
75 100

77 44.5 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.080 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV012924.D

Acq: 20 Sep 2019 15:16

Tgt Ion: 43 Resp: 36653

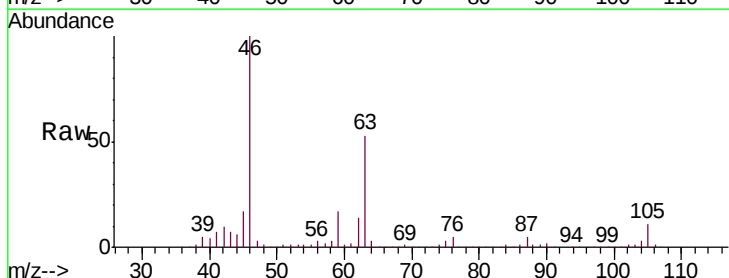
Ion Ratio Lower Upper

43 100

58 66.0 44.5 66.7

57 32.9 15.0 22.6#

100 3.2 9.7 14.5#



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

