

Data File : VV011943.D
Acq On : 18 Jul 2019 19:07
Operator : SY/MD
Sample : K3823-15DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52R0DL

Quant Time: Jul 19 05:48:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58581	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30726	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.58	69	27035	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	2.13	63	51160	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.95	46	128336	51.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	4.40	84	98843	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	55521	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.10	84	192895	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	58318	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	165554	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	20980	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	83878	49.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36215	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	65981	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

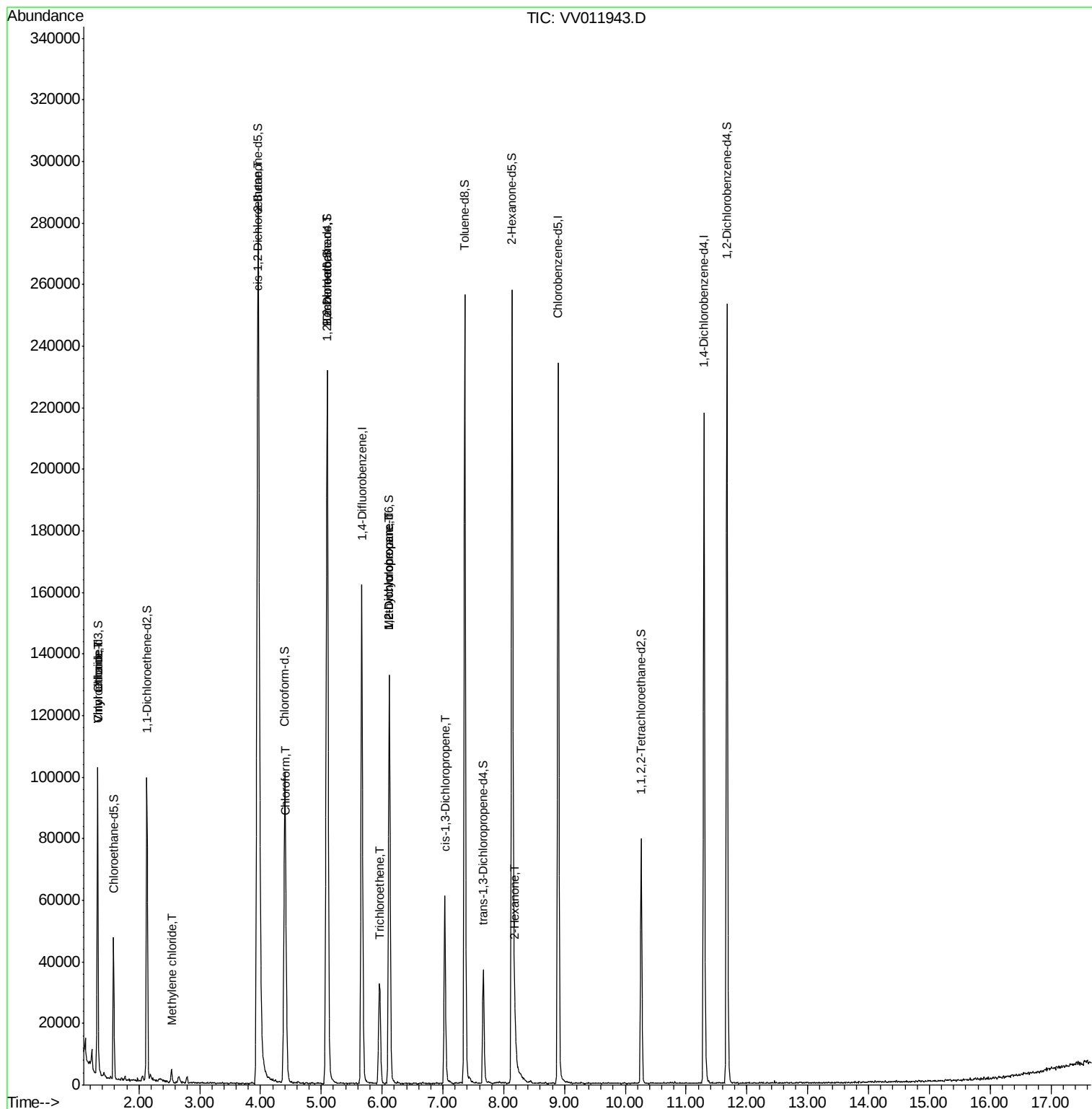
					Qvalue
5) Vinyl chloride	1.32	62	30355	2.385 ug/L	98
8) Chloroethane	1.32	64	9914	1.370 ug/L #	54
16) Methylene chloride	2.54	84	1611	0.216 ug/L	72
22) cis-1,2-Dichloroethene	3.96	96	125196	12.175 ug/L	97
25) Chloroform	4.42	83	4299	0.212 ug/L	96
27) 1,2-Dichloroethane	5.11	62	1444	0.121 ug/L #	75
34) Trichloroethene	5.96	95	8913	0.795 ug/L	86
35) Methylcyclohexane	6.12	83	14917	0.877 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7323	0.744 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1766	0.131 ug/L #	62
48) 2-Hexanone	8.19	43	7596	1.794 ug/L #	84

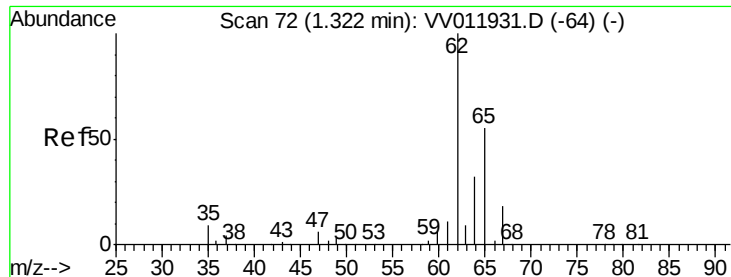
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011943.D
Acq On : 18 Jul 2019 19:07
Operator : SY/MD
Sample : K3823-15DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52R0DL

Quant Time: Jul 19 05:48:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.385 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV011943.D

Acq: 18 Jul 2019 19:07

Instrument :

MSVOA_V

ClientSampleId :

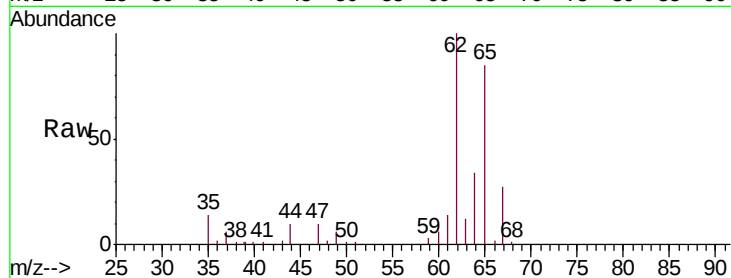
A52R0DL

Tgt Ion: 62 Resp: 30355

Ion Ratio Lower Upper

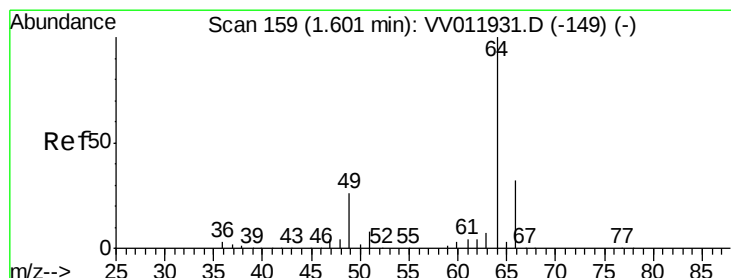
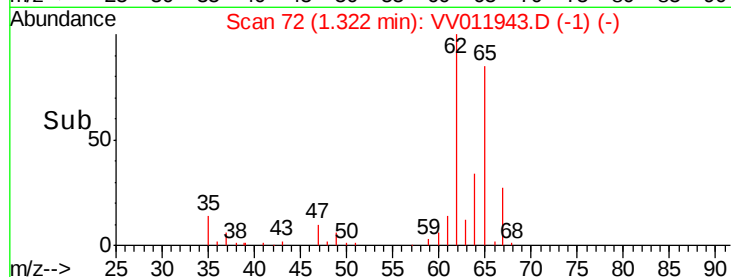
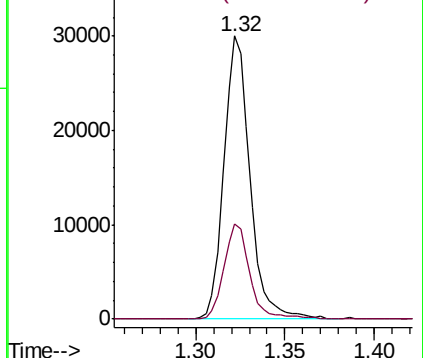
62 100

64 33.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 1.370 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV011943.D

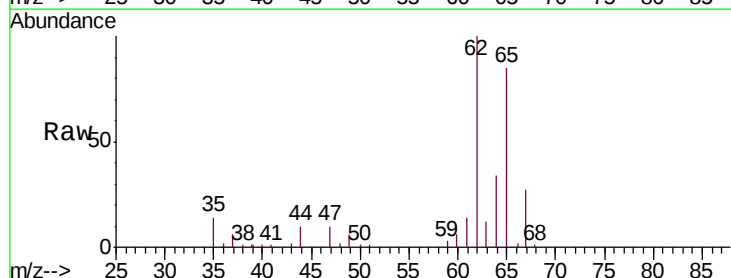
Acq: 18 Jul 2019 19:07

Tgt Ion: 64 Resp: 9914

Ion Ratio Lower Upper

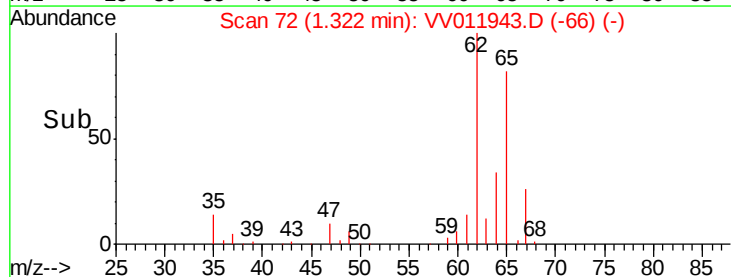
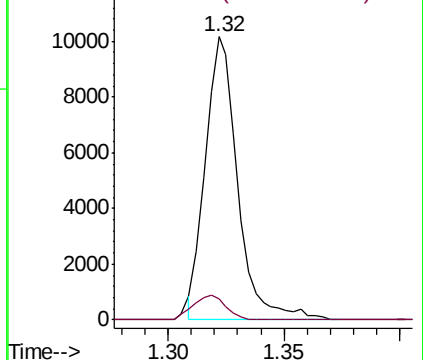
64 100

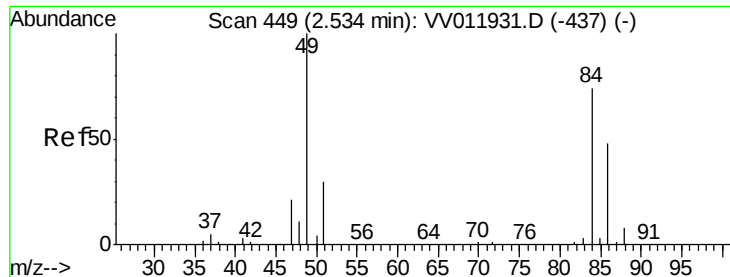
66 7.3 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

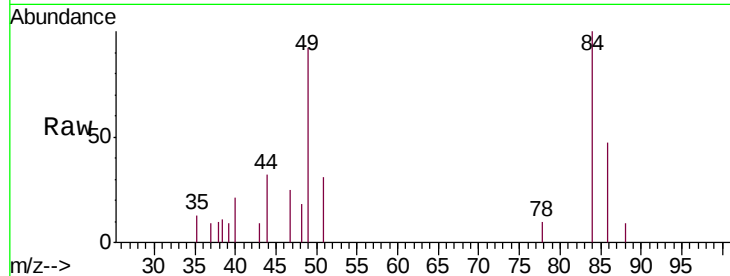




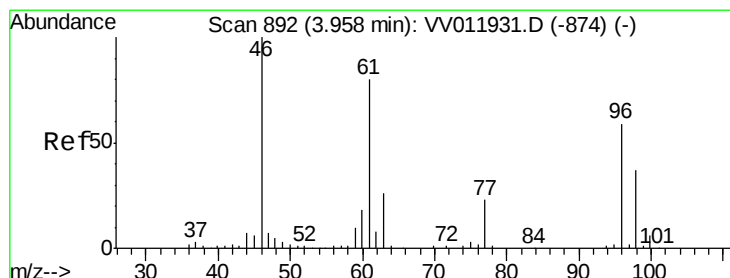
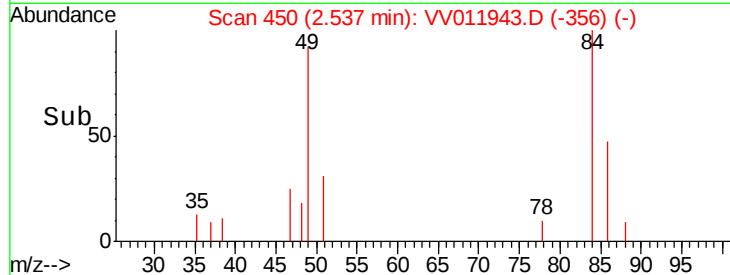
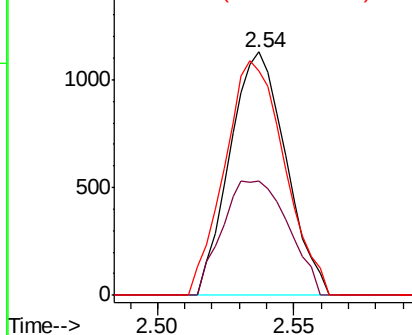
#16
Methylene chloride
Concen: 0.216 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV011943.D
Acq: 18 Jul 2019 19:07

Instrument :
MSVOA_V
ClientSampled :
A52R0DL

Tgt Ion: 84 Resp: 1611
Ion Ratio Lower Upper
84 100
86 47.2 44.8 83.2
49 92.4 90.4 168.0

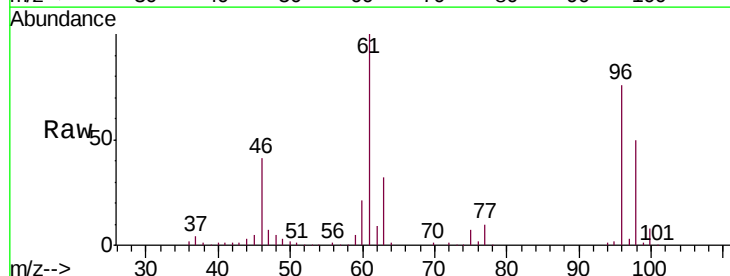


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

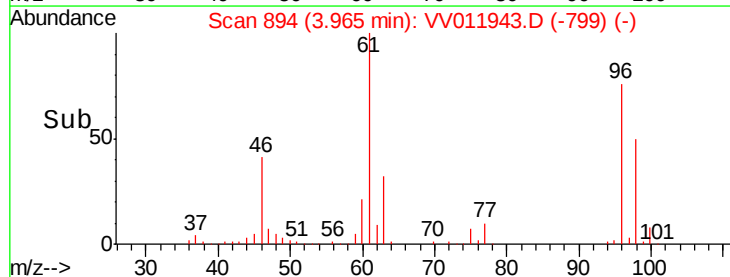
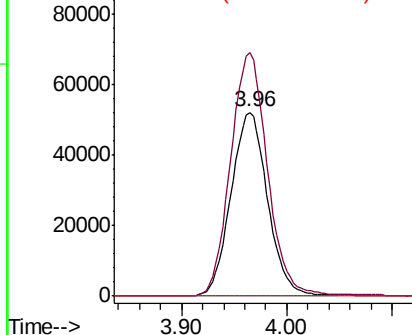


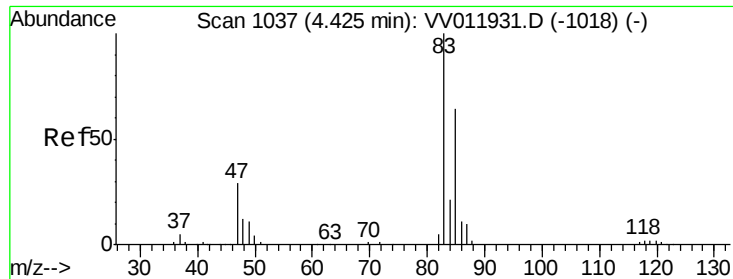
#22
cis-1,2-Dichloroethene
Concen: 12.175 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV011943.D
Acq: 18 Jul 2019 19:07

Tgt Ion: 96 Resp: 125196
Ion Ratio Lower Upper
96 100
61 132.3 95.2 176.8
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

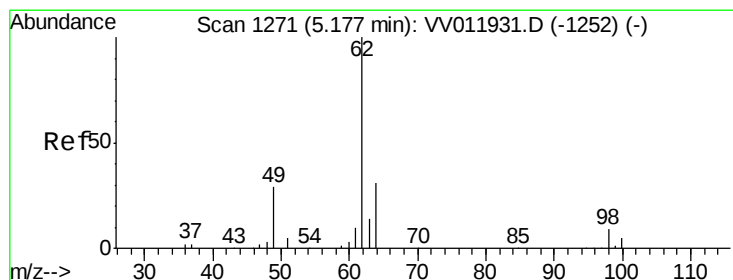
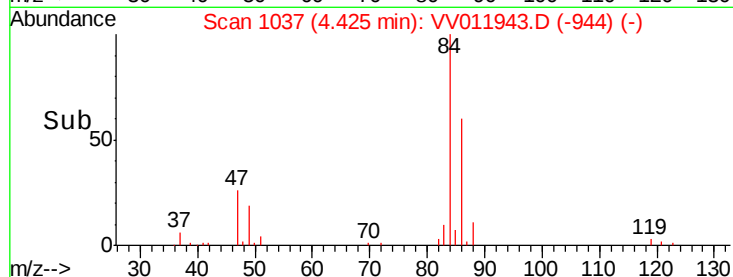
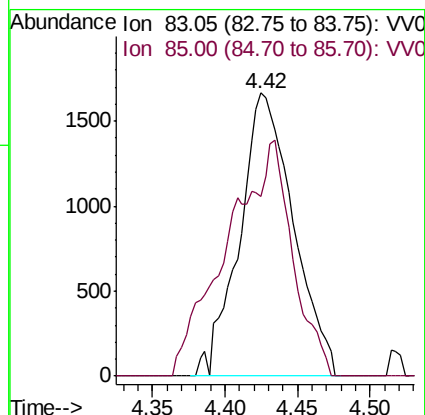
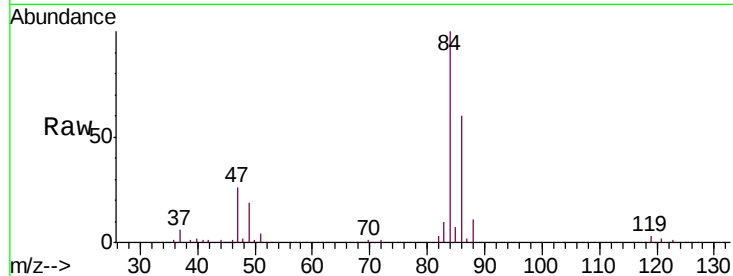




#25
Chloroform
Concen: 0.212 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011943.D
Acq: 18 Jul 2019 19:07

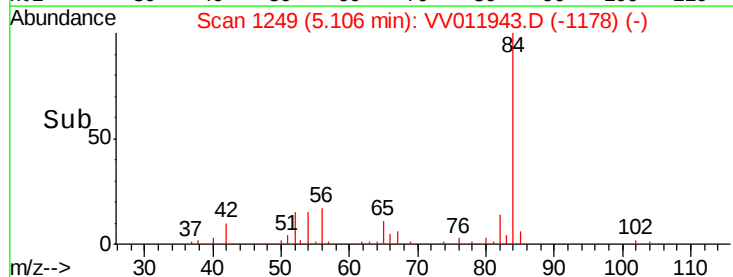
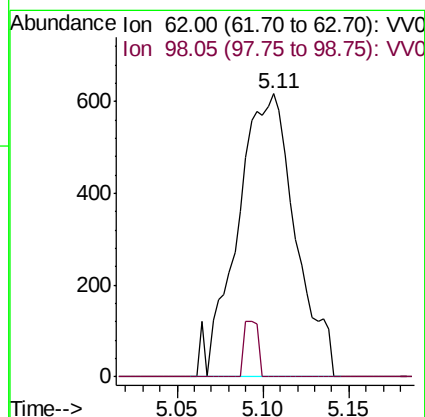
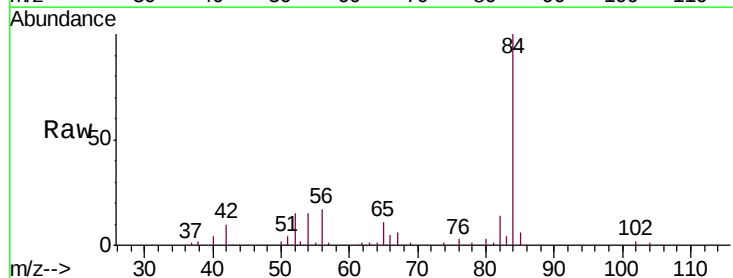
Instrument :
MSVOA_V
ClientSampleId :
A52R0DL

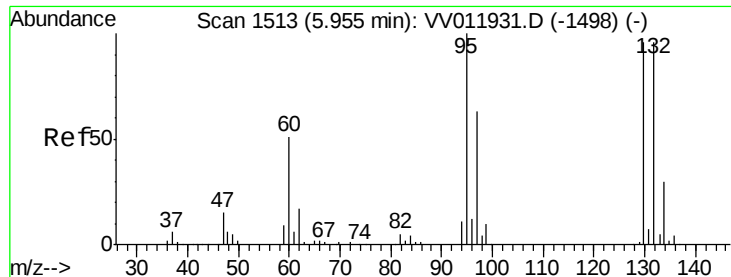
Tgt Ion: 83 Resp: 4299
Ion Ratio Lower Upper
83 100
85 63.7 42.5 78.9



#27
1,2-Dichloroethane
Concen: 0.121 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.07 min
Lab File: VV011943.D
Acq: 18 Jul 2019 19:07

Tgt Ion: 62 Resp: 1444
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#34

Trichloroethene

Concen: 0.795 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV011943.D

Acq: 18 Jul 2019 19:07

Instrument :

MSVOA_V

ClientSampleId :

A52R0DL

Tgt Ion: 95 Resp: 8913

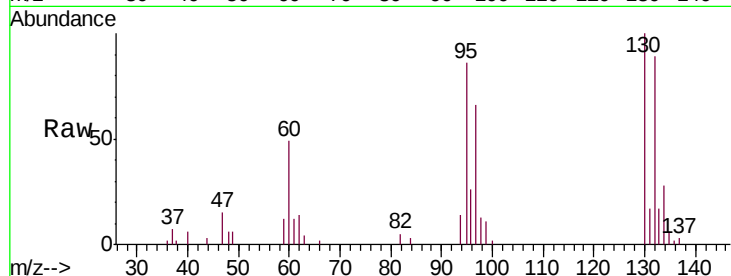
Ion Ratio Lower Upper

95 100

97 76.7 44.0 81.6

132 102.8 67.0 124.4

130 115.6 69.1 128.3

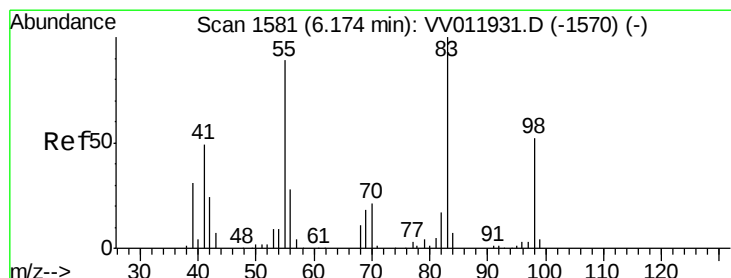
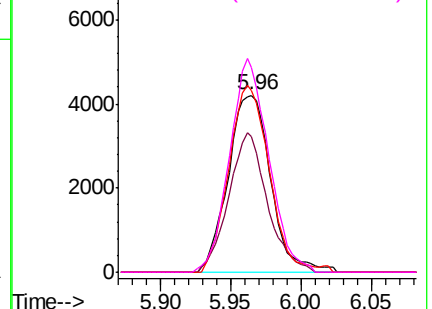
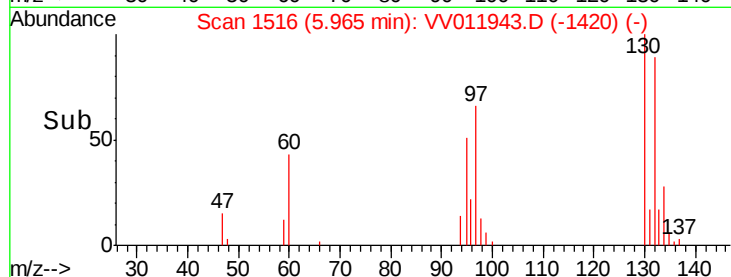


Abundance Ion 95.00 (94.70 to 95.70): VV011943.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011943.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011943.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011943.D (-1498) (-)



#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011943.D

Acq: 18 Jul 2019 19:07

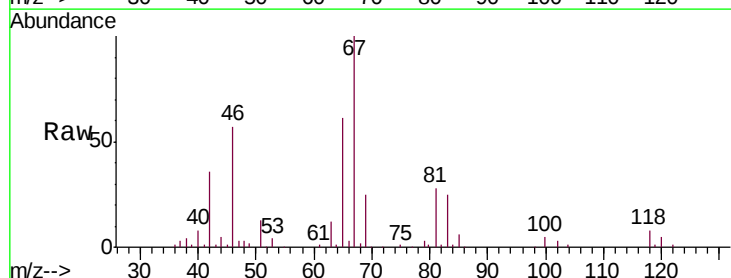
Tgt Ion: 83 Resp: 14917

Ion Ratio Lower Upper

83 100

55 0.6 66.7 100.1#

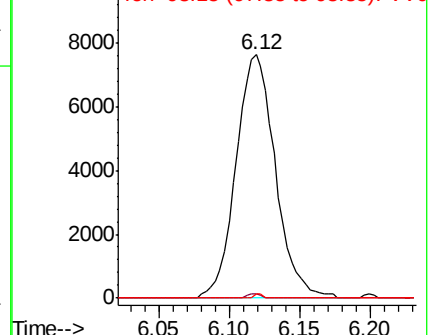
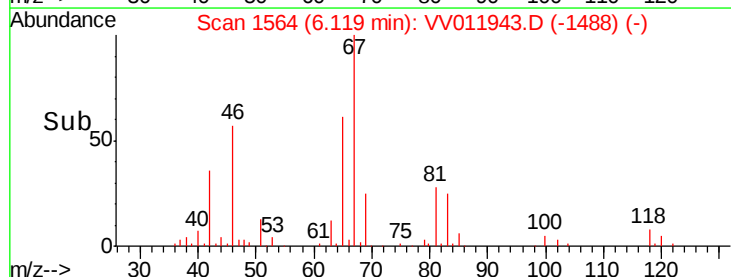
98 1.6 39.0 58.4#

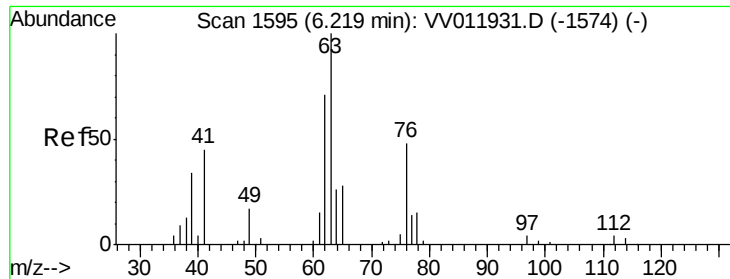


Abundance Ion 83.15 (82.85 to 83.85): VV011943.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV011943.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV011943.D (-1488) (-)

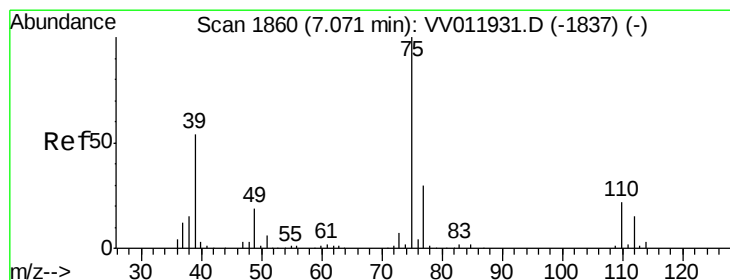
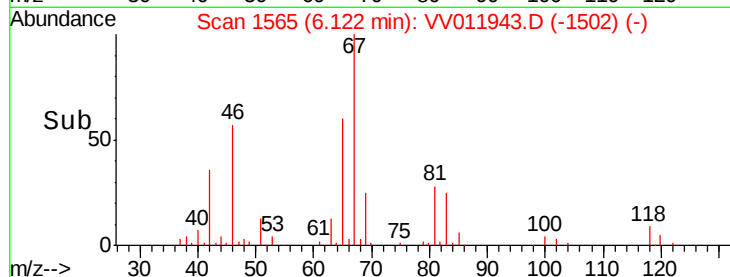
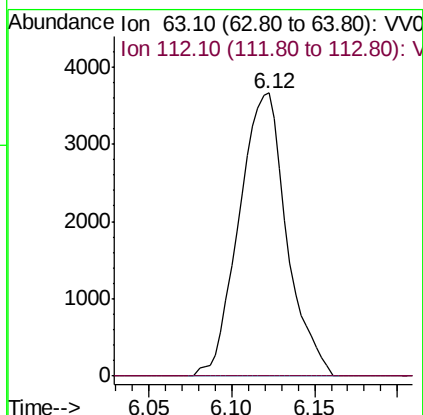
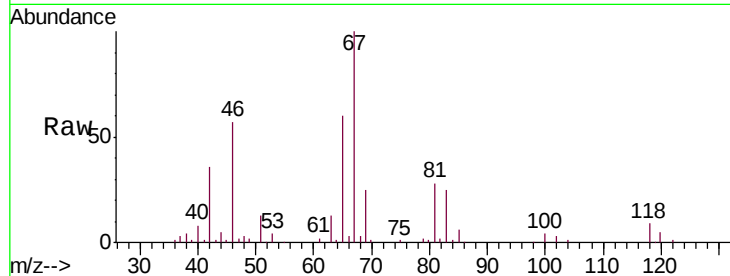




#37
 1,2-Dichloropropane
 Concen: 0.744 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV011943.D
 Acq: 18 Jul 2019 19:07

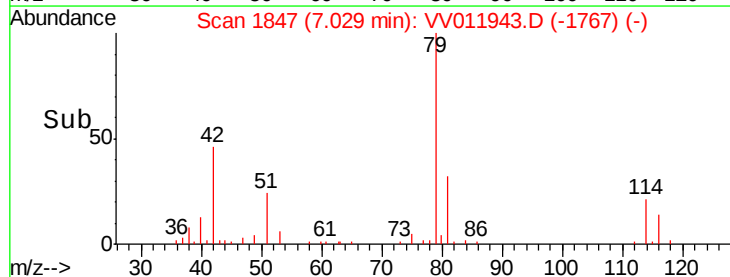
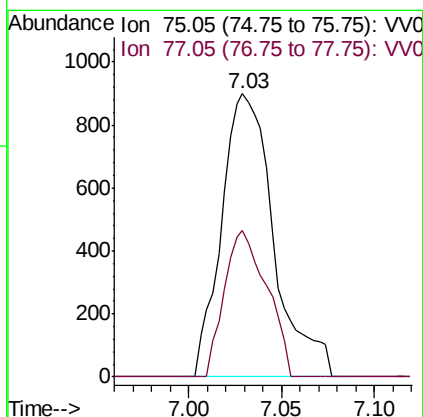
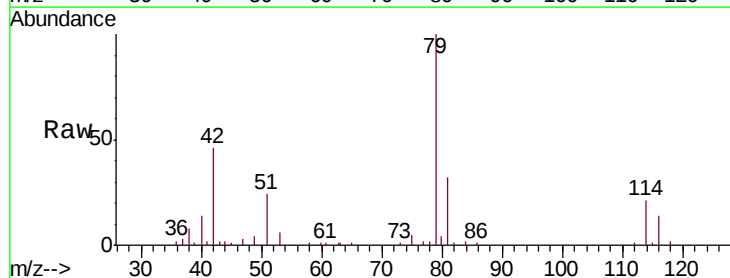
Instrument :
 MSVOA_V
 ClientSampleId :
 A52R0DL

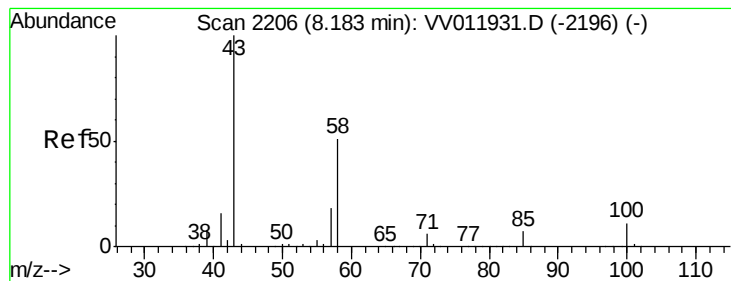
Tgt Ion: 63 Resp: 7323
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011943.D
 Acq: 18 Jul 2019 19:07

Tgt Ion: 75 Resp: 1766
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.6 40.2#





#48

2-Hexanone

Concen: 1.794 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV011943.D

Acq: 18 Jul 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :
A52R0DL

Tgt Ion: 43 Resp: 7596

Ion Ratio Lower Upper

43 100

58 38.1 41.1 61.7#

57 12.2 14.3 21.5#

100 7.1 8.7 13.1#

