

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011729.D
 Acq On : 24 Jun 2019 14:41
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 08:22:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160130	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55549	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.57	69	41627	5.57	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.12	63	85088	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.94	46	147871	52.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	4.40	84	113102	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.08	65	63451	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.09	84	231579	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.11	67	70878	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.36	98	199882	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	7.66	79	21837	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.13	63	113208	56.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47094	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	66572	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

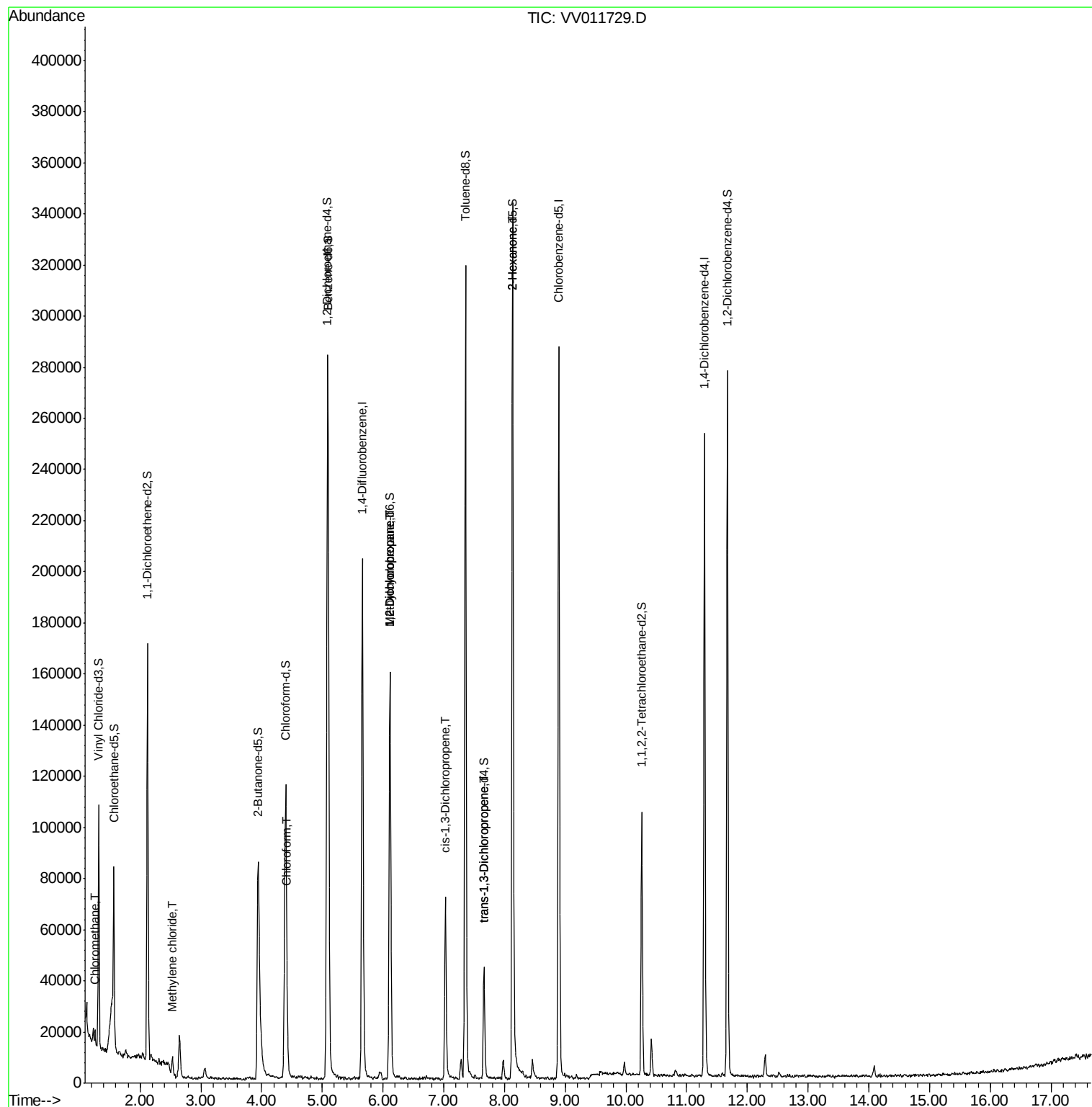
					Ovalue
3) Chloromethane	1.25	50	3930	0.260 ug/L	94
16) Methylene chloride	2.53	84	2690	0.244 ug/L	94
25) Chloroform	4.42	83	4236	0.167 ug/L	97
35) Methylcyclohexane	6.11	83	16968	0.834 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8762	0.727 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1967	0.124 ug/L #	60
44) trans-1,3-Dichloropropene	7.66	75	1235	0.105 ug/L #	64
48) 2-Hexanone	8.13	43	14970	2.815 ug/L #	71

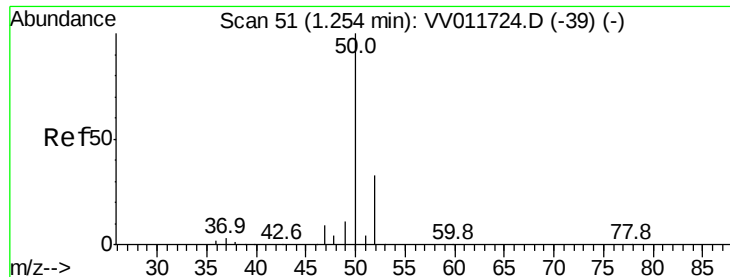
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.260 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV011729.D

Acq: 24 Jun 2019 14:41

Instrument :

MSVOA_V

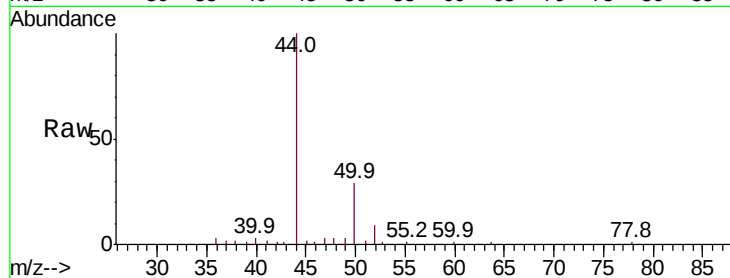
ClientSampleId :

Tot Ion: 50 Resp: 3930

Ion Ratio Lower Upper

50 100

52 34.5 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV011729.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV011729.D (-39) (-)

1.25

4000

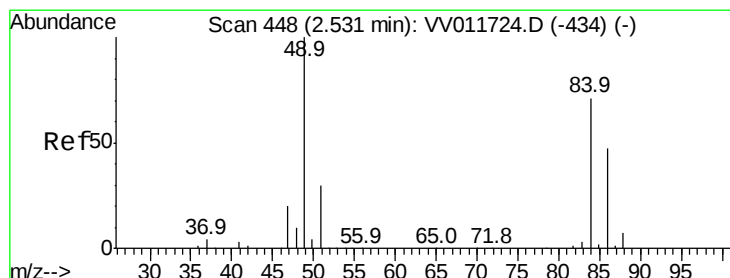
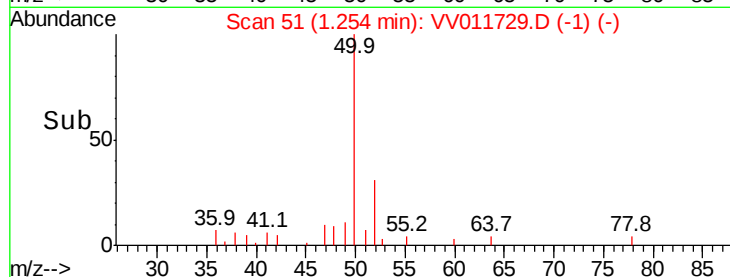
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.244 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV011729.D

Acq: 24 Jun 2019 14:41

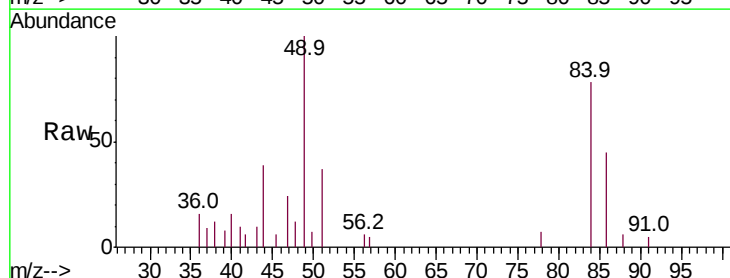
Tgt Ion: 84 Resp: 2690

Ion Ratio Lower Upper

84 100

86 57.5 44.9 83.5

49 138.6 101.4 188.2



Abundance Ion 84.05 (83.75 to 84.75): VV011729.D (-434) (-)

Ion 86.00 (85.70 to 86.70): VV011729.D (-434) (-)

Ion 49.10 (48.80 to 49.80): VV011729.D (-434) (-)

2.53

3000

2500

2000

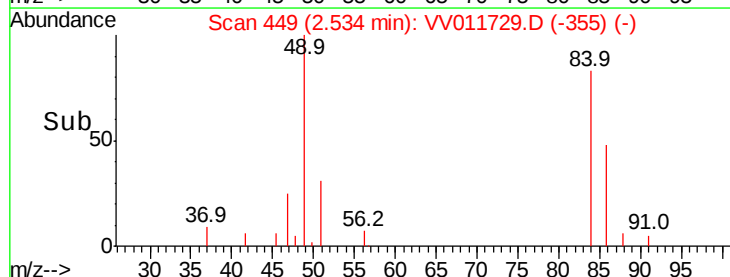
1500

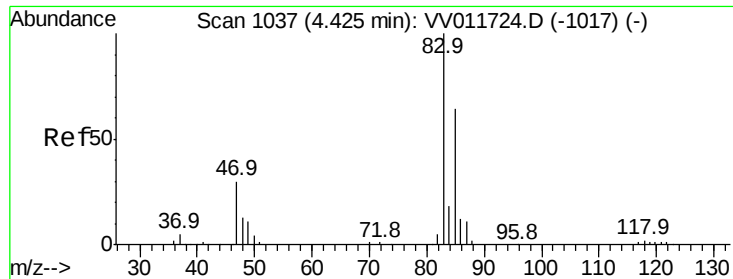
1000

500

0

Time-->

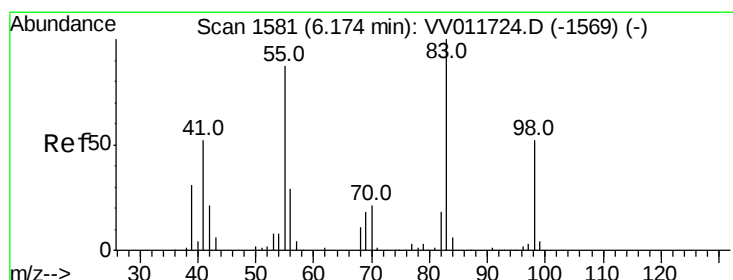
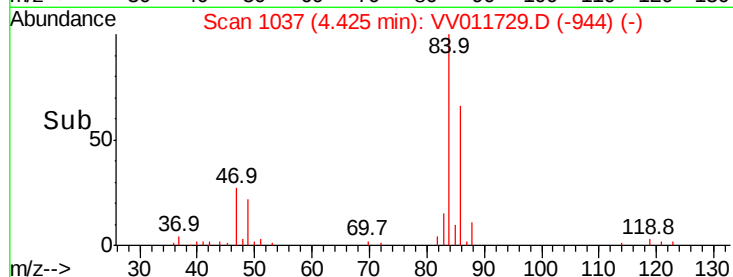
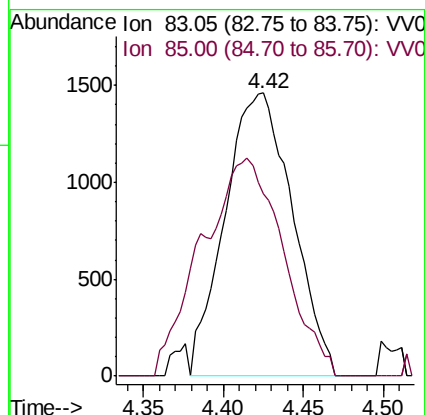
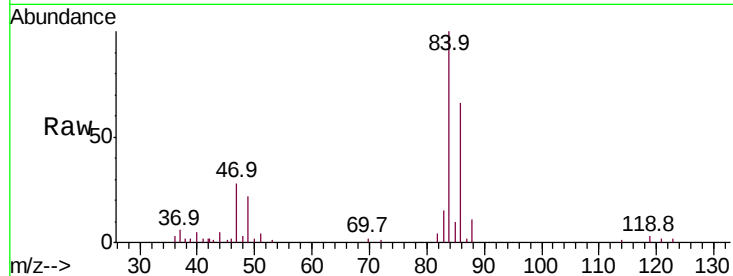




#25
Chloroform
Concen: 0.167 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011729.D
Acq: 24 Jun 2019 14:41

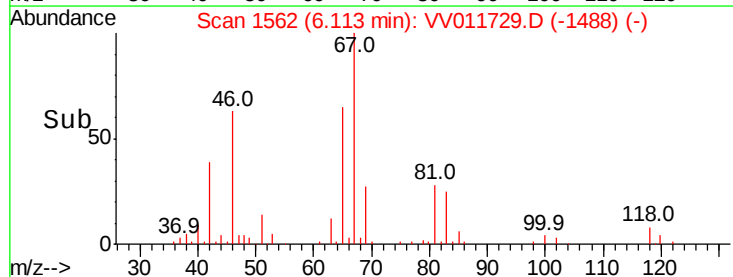
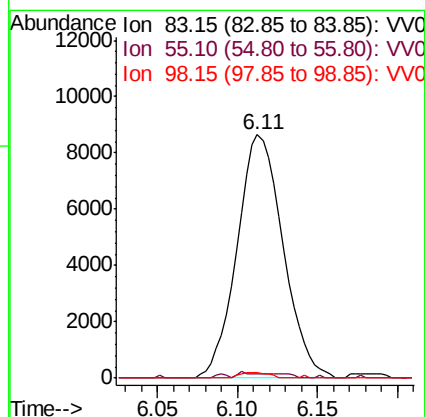
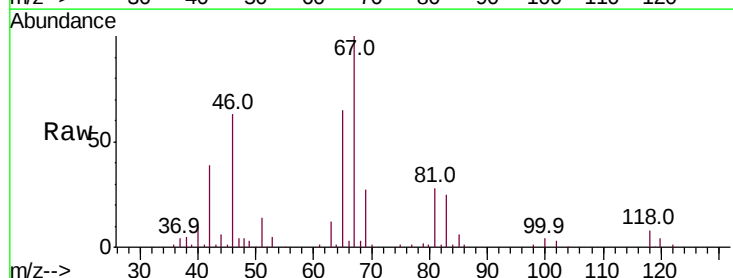
Instrument :
MSVOA_V
ClientSampleId :

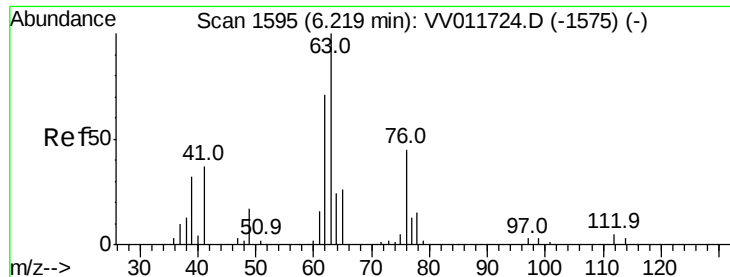
Tot Ion: 83 Resp: 4236
Ion Ratio Lower Upper
83 100
85 64.5 47.0 87.2



#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011729.D
Acq: 24 Jun 2019 14:41

Tgt Ion: 83 Resp: 16968
Ion Ratio Lower Upper
83 100
55 0.7 69.4 104.2#
98 1.4 40.2 60.4#

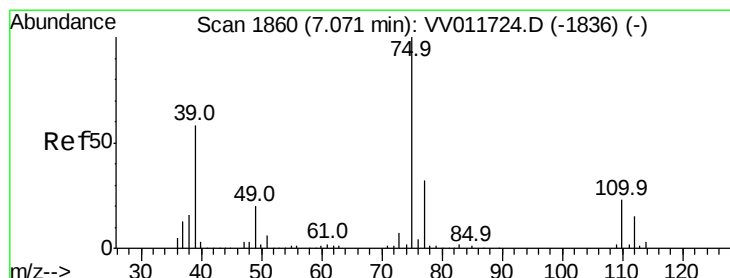
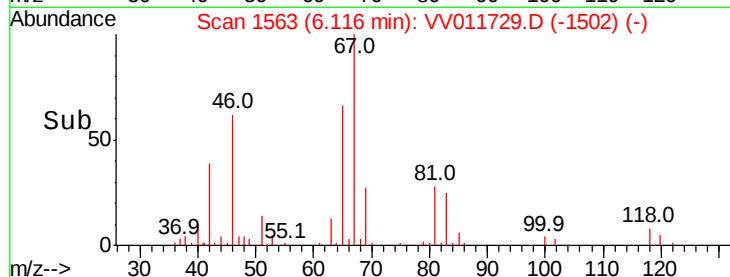
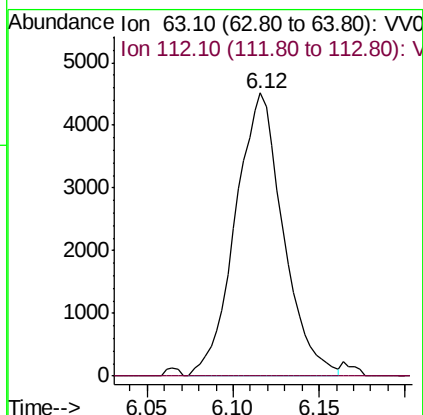
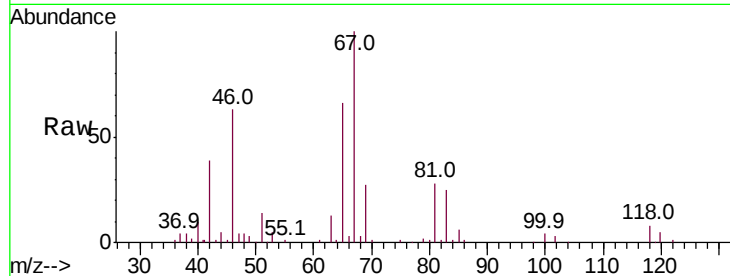




#37
 1,2-Dichloropropane
 Concen: 0.727 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011729.D
 Acq: 24 Jun 2019 14:41

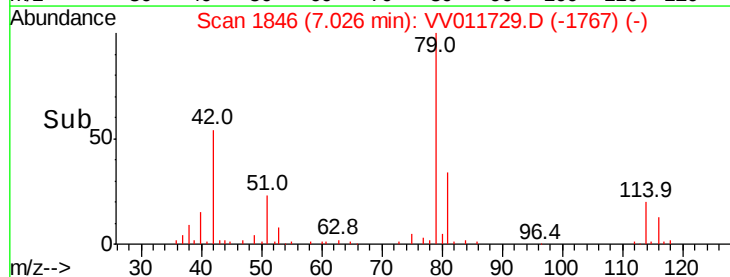
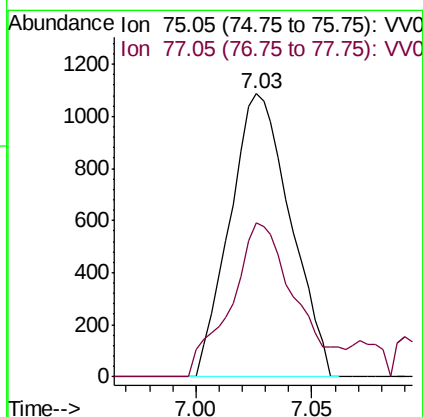
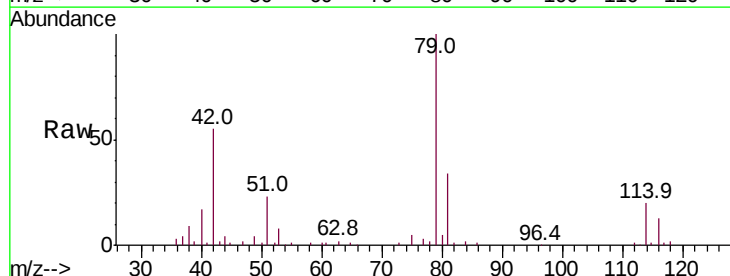
Instrument :
 MSVOA_V
 ClientSampleId :

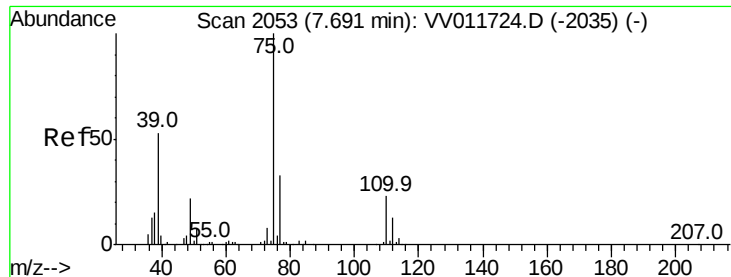
Tot Ion: 63 Resp: 8762
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011729.D
 Acq: 24 Jun 2019 14:41

Tgt Ion: 75 Resp: 1967
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011729.D

Acq: 24 Jun 2019 14:41

Instrument :

MSVOA_V

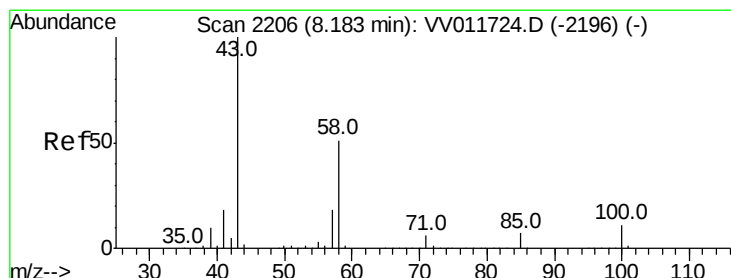
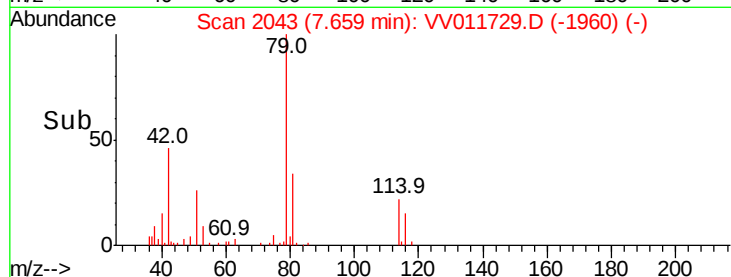
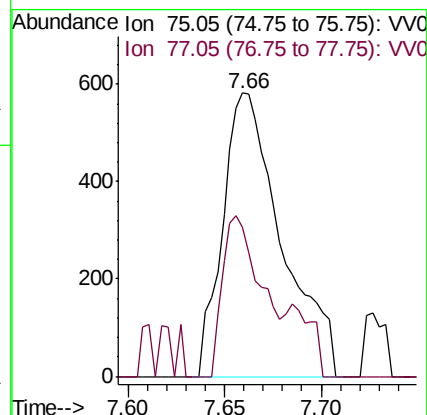
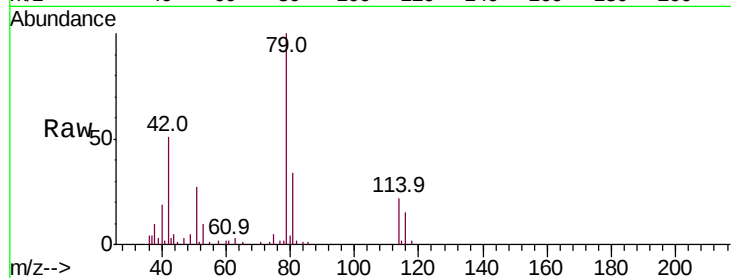
ClientSampleId :

Tot Ion: 75 Resp: 1235

Ion Ratio Lower Upper

75 100

77 52.7 22.7 42.1#



#48

2-Hexanone

Concen: 2.815 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011729.D

Acq: 24 Jun 2019 14:41

Tgt Ion: 43 Resp: 14970

Ion Ratio Lower Upper

43 100

58 27.5 40.1 60.1#

57 27.0 14.4 21.6#

100 0.8 8.6 12.8#

