

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011731.D
 Acq On : 24 Jun 2019 15:35
 Operator : SY/MD
 Sample : IBLK
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 08:22:33 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	173205	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52043	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.57	69	37048	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	79597	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.95	46	166407	54.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	4.40	84	106281	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	64614	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	222959	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	70834	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	191619	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	21556	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.13	63	125087	55.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49658	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	67868	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

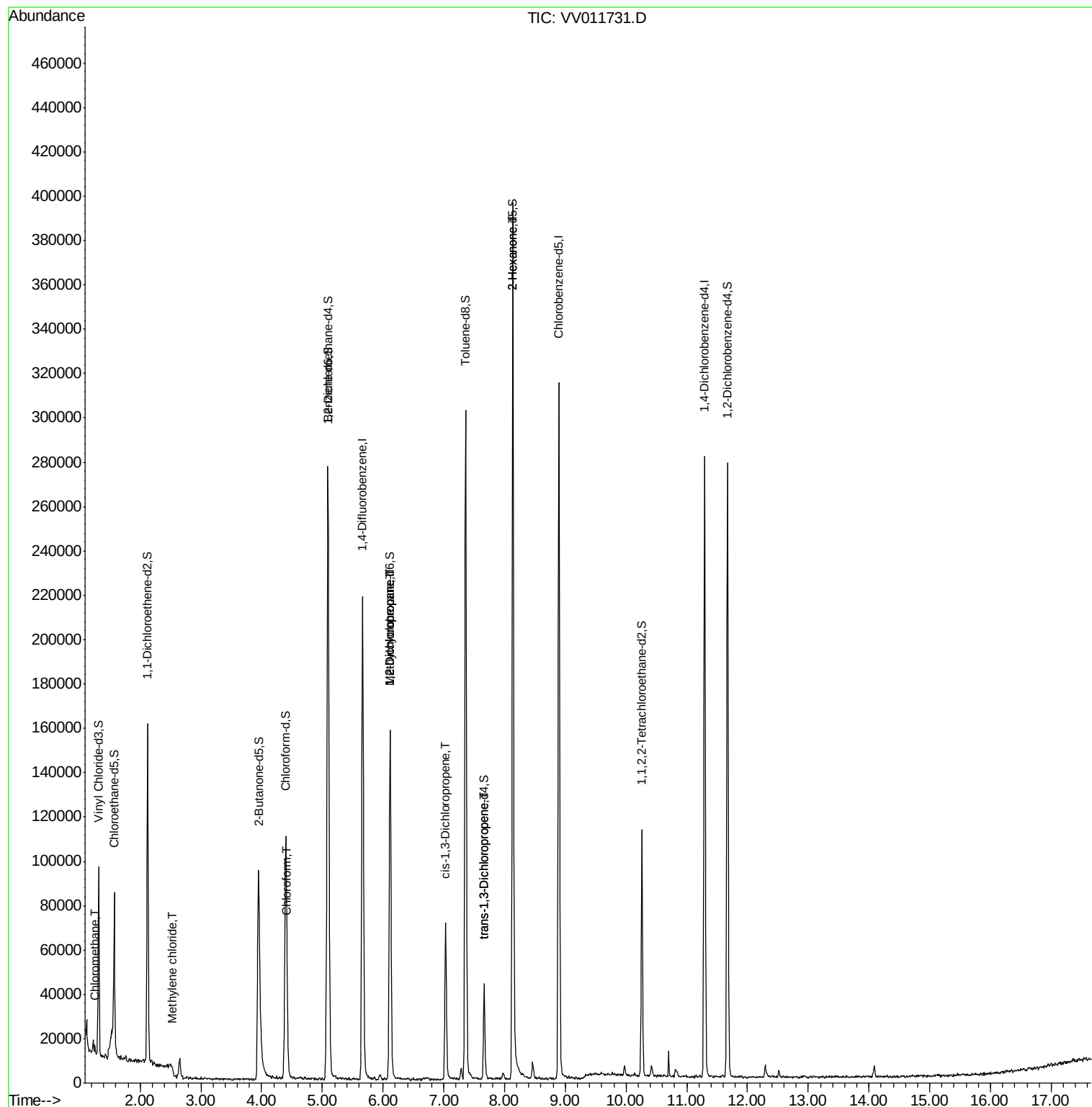
					Ovalue
3) Chloromethane	1.25	50	2945	0.180 ug/L	100
16) Methylene chloride	2.53	84	1446	0.121 ug/L	80
25) Chloroform	4.43	83	4609	0.168 ug/L	96
35) Methylcyclohexane	6.12	83	16511	0.733 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8595	0.643 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1732	0.099 ug/L #	55
44) trans-1,3-Dichloropropene	7.66	75	1050	0.081 ug/L	96
48) 2-Hexanone	8.13	43	18363	3.116 ug/L #	69

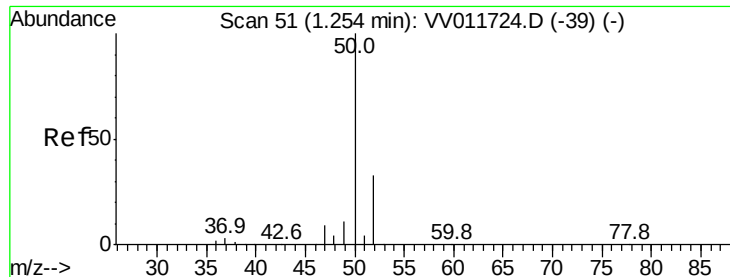
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

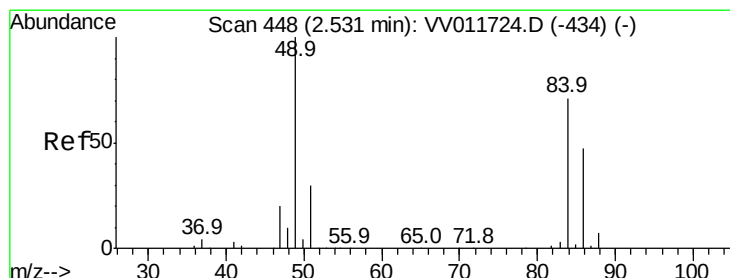
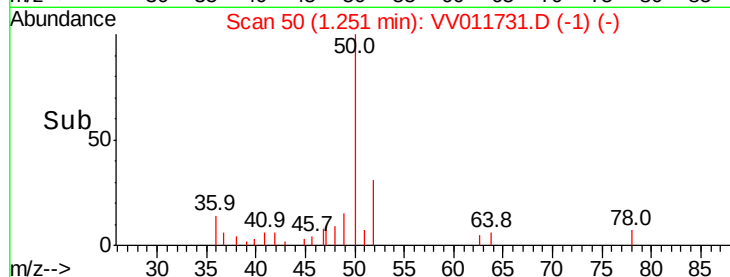
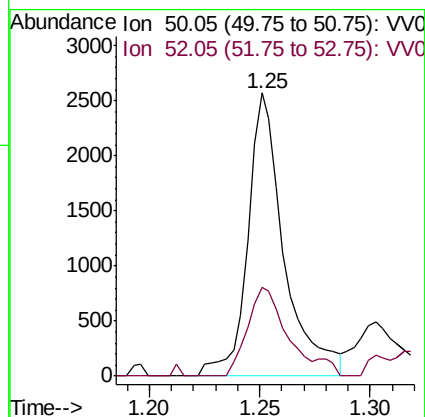
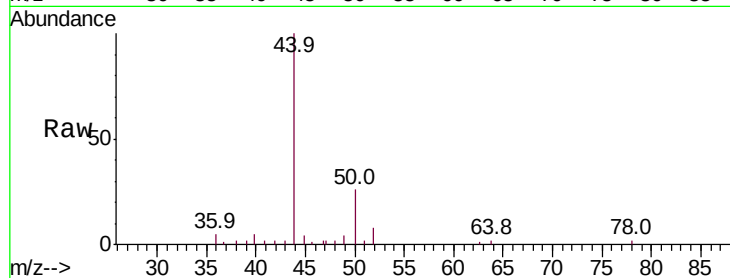
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 2945

Ion Ratio Lower Upper

50 100

52 31.4 22.0 40.8



#16

Methylene chloride

Concen: 0.121 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

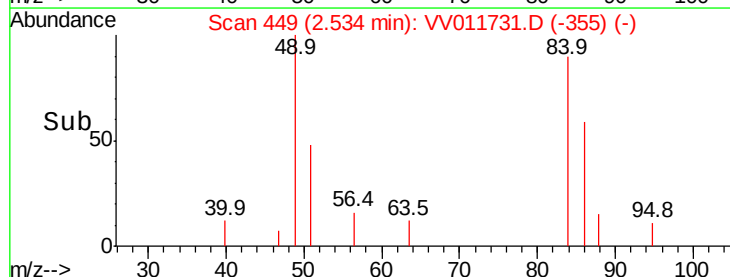
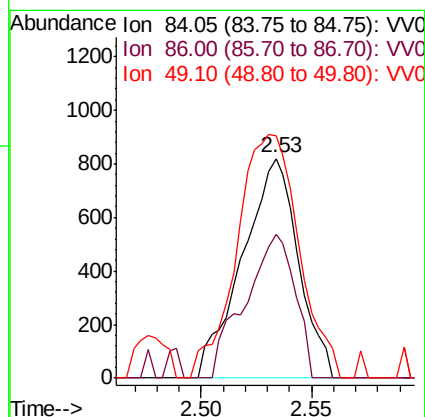
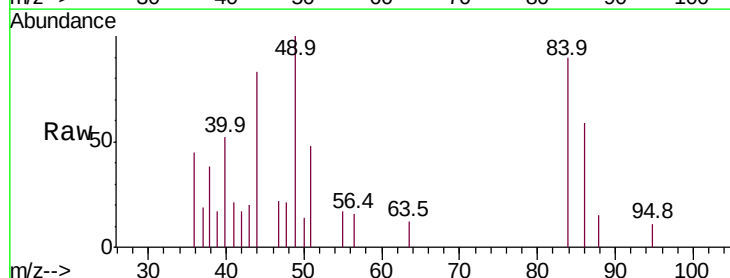
Tgt Ion: 84 Resp: 1446

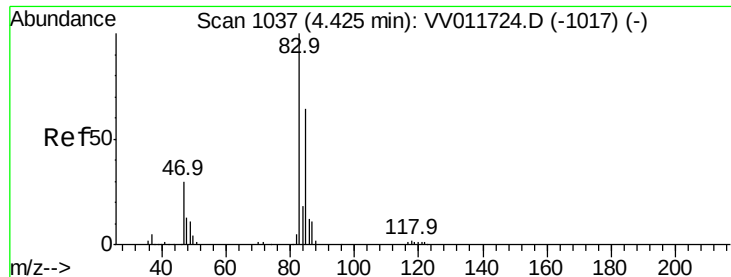
Ion Ratio Lower Upper

84 100

86 65.3 44.9 83.5

49 110.5 101.4 188.2





#25

Chloroform

Concen: 0.168 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

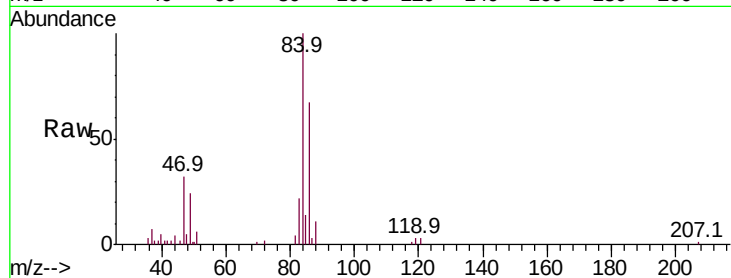
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 4609

Ion Ratio Lower Upper

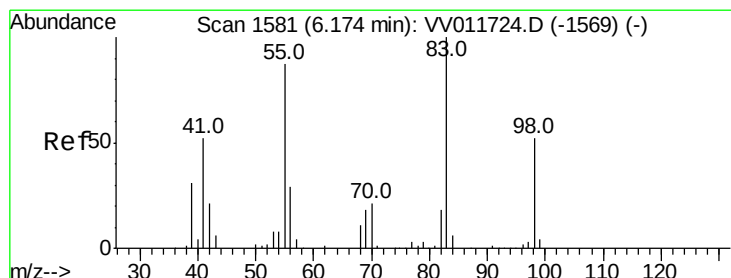
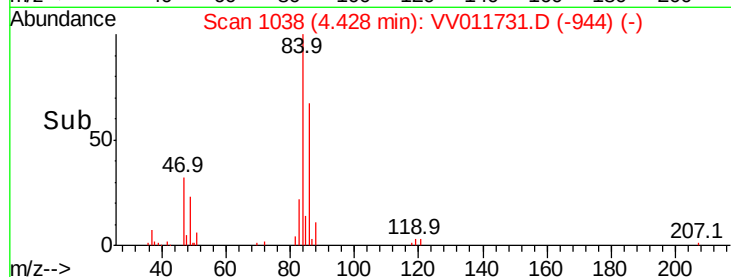
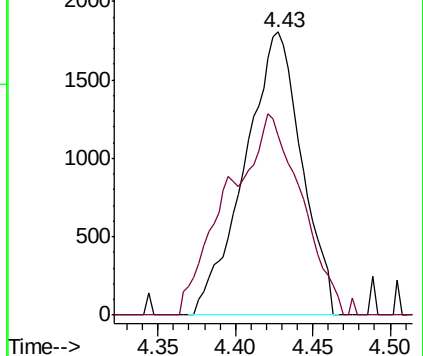
83 100

85 63.5 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

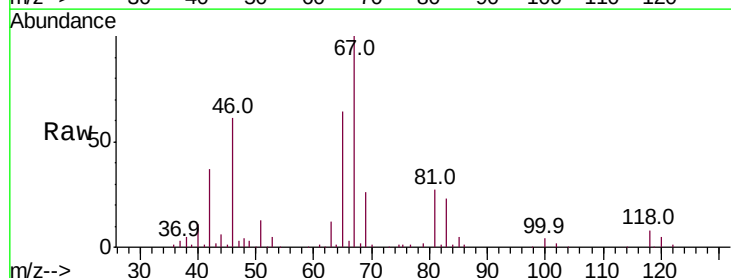
Tgt Ion: 83 Resp: 16511

Ion Ratio Lower Upper

83 100

55 0.6 69.4 104.2#

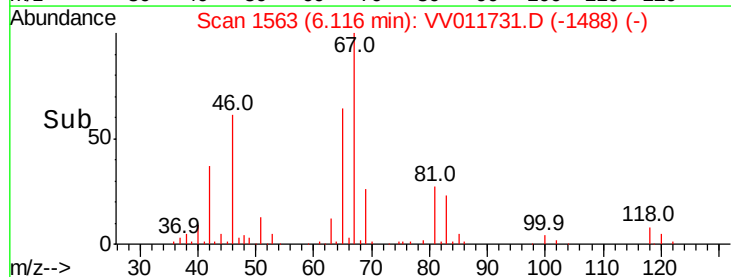
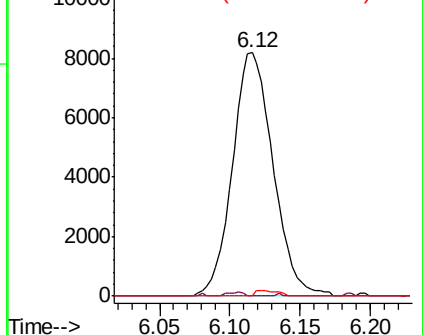
98 1.2 40.2 60.4#

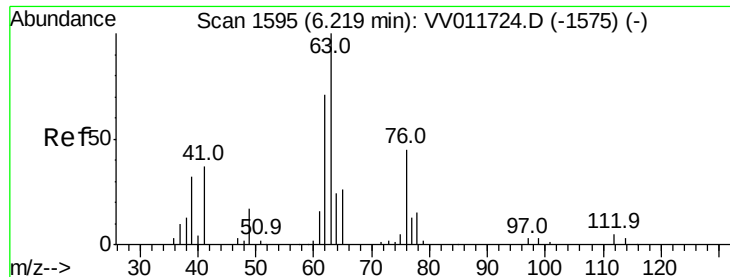


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

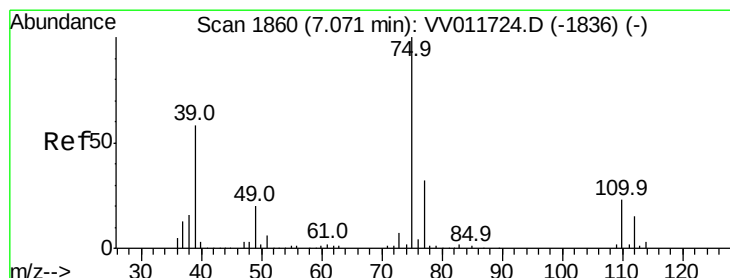
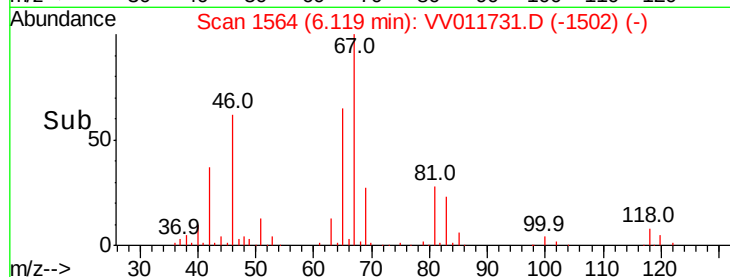
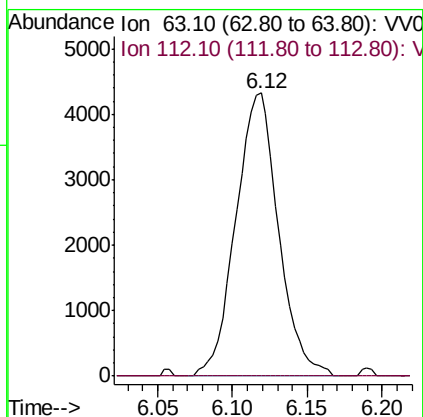
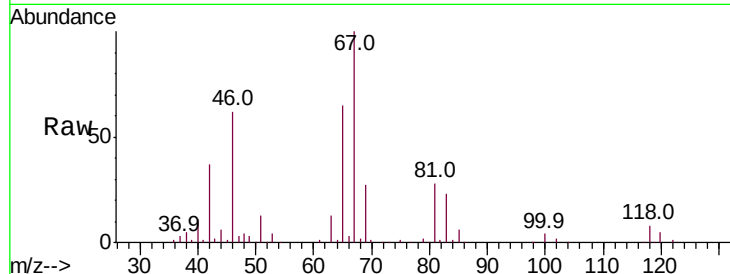




#37
 1,2-Dichloropropane
 Concen: 0.643 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011731.D
 Acq: 24 Jun 2019 15:35

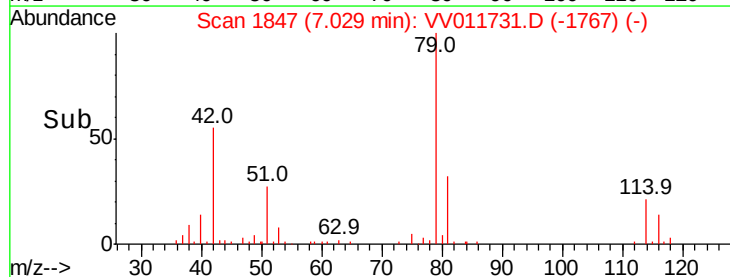
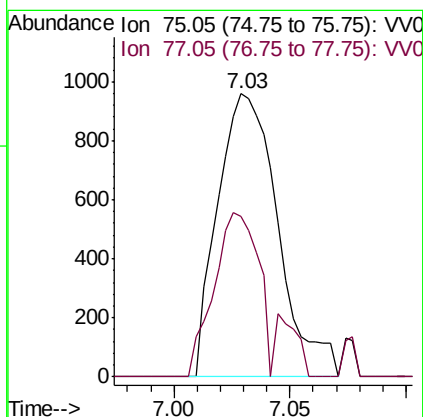
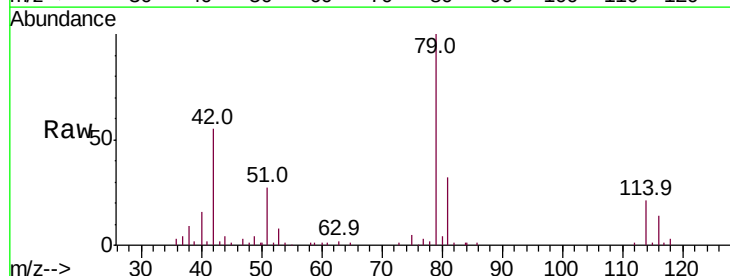
Instrument :
 MSVOA_V
 ClientSampleId :

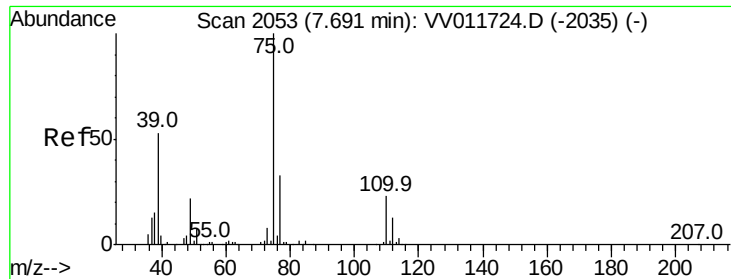
Tot Ion: 63 Resp: 8595
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011731.D
 Acq: 24 Jun 2019 15:35

Tgt Ion: 75 Resp: 1732
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

Instrument :

MSVOA_V

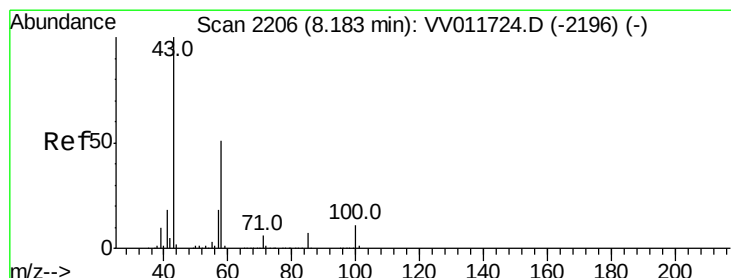
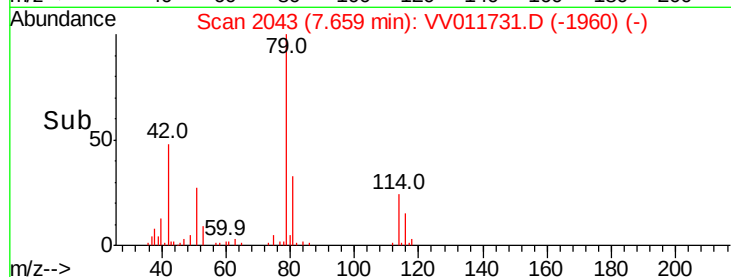
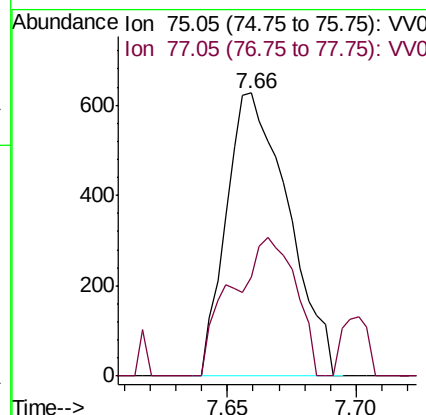
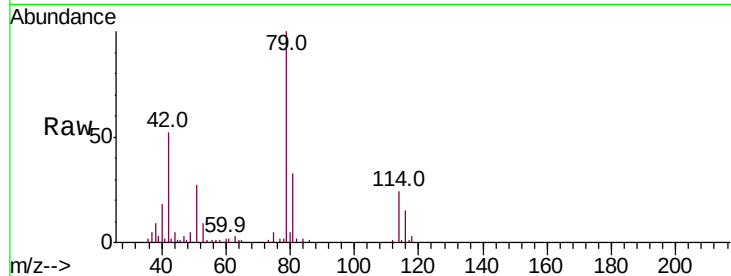
ClientSampleId :

Tot Ion: 75 Resp: 1050

Ion Ratio Lower Upper

75 100

77 34.8 22.7 42.1



#48

2-Hexanone

Concen: 3.116 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011731.D

Acq: 24 Jun 2019 15:35

Tgt Ion: 43 Resp: 18363

Ion Ratio Lower Upper

43 100

58 25.1 40.1 60.1#

57 25.5 14.4 21.6#

100 0.9 8.6 12.8#

