

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012630.D
 Acq On : 09 Sep 2019 18:42
 Operator : SY/MD
 Sample : K4685-15
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:33:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	419226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	172069	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129067	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	107098	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	151549	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	377466	55.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.16%
24) Chloroform-d	4.40	84	236550	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	126011	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	455501	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	150822	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	365792	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.66	79	50077	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	195003	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110193	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	151699	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

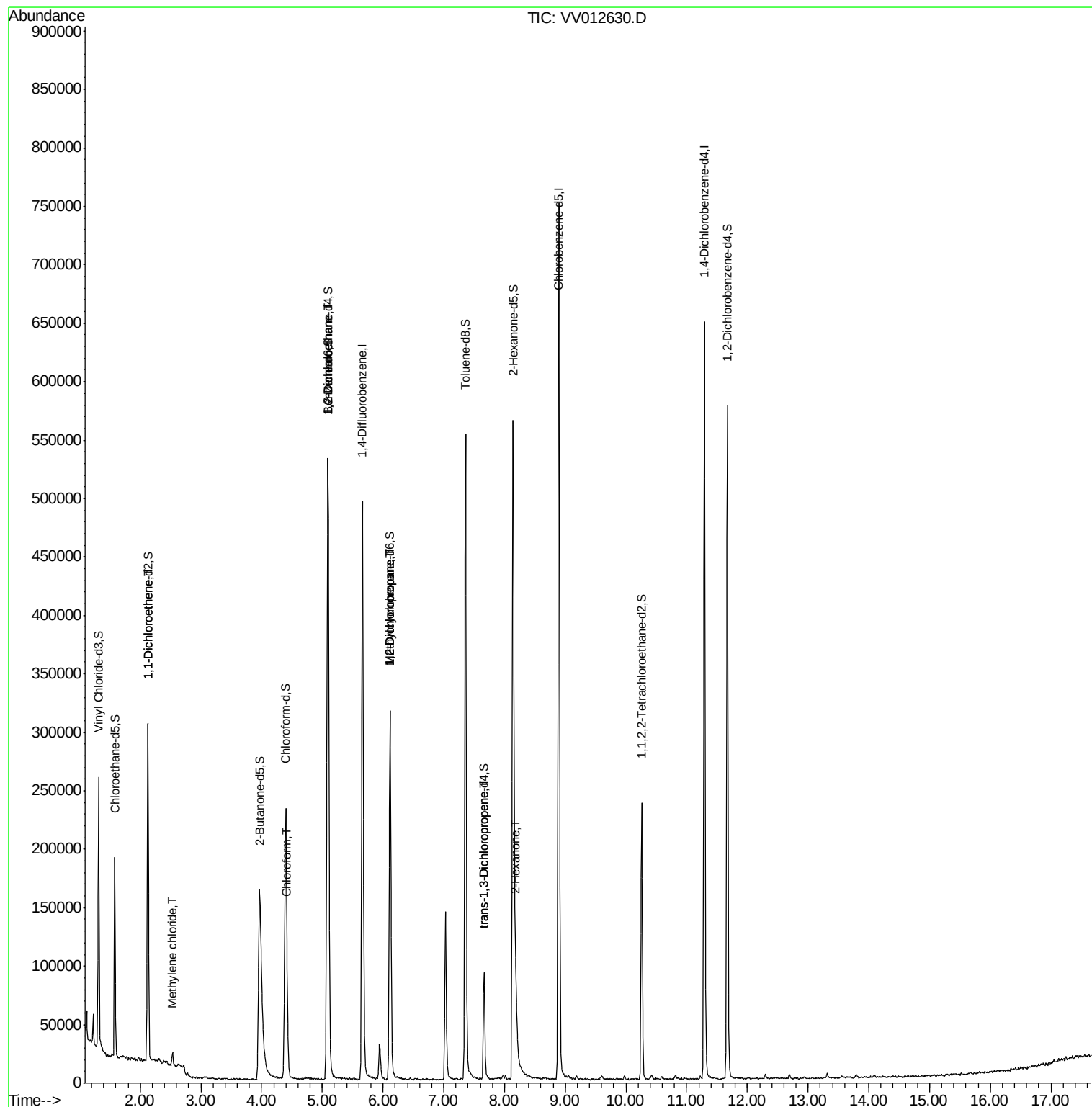
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1887	0.072 ug/L #	1
16) Methylene chloride	2.53	84	5178	0.162 ug/L	90
25) Chloroform	4.43	83	12501	0.206 ug/L	94
27) 1,2-Dichloroethane	5.09	62	2673	0.084 ug/L	100
35) Methylcyclohexane	6.12	83	36437	0.761 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	16000	0.524 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2789	0.092 ug/L	96
48) 2-Hexanone	8.19	43	44110	3.644 ug/L #	83

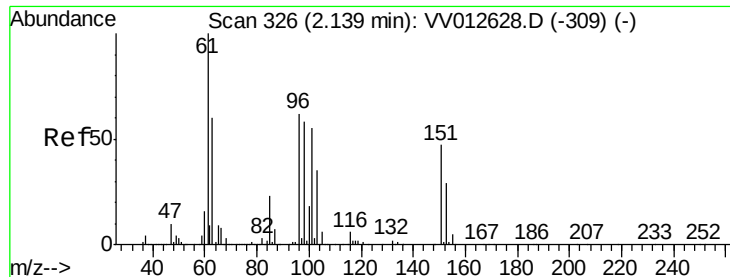
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012630.D

Acq: 09 Sep 2019 18:42

Instrument :

MSVOA_V

ClientSampled :

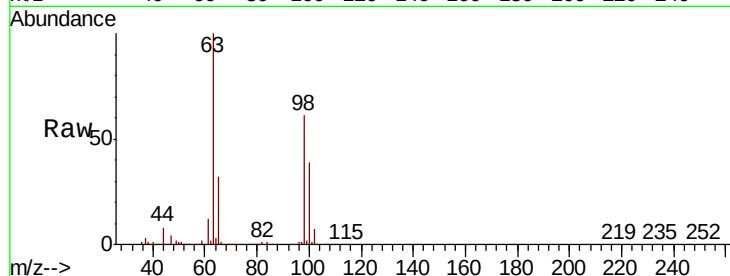
Tot Ion: 96 Resp: 1887

Ion Ratio Lower Upper

96 100

61 1126.9 115.8 215.0#

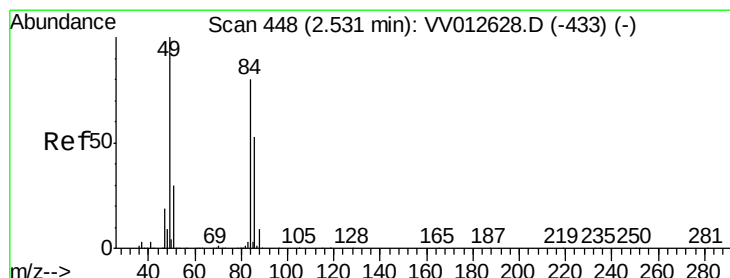
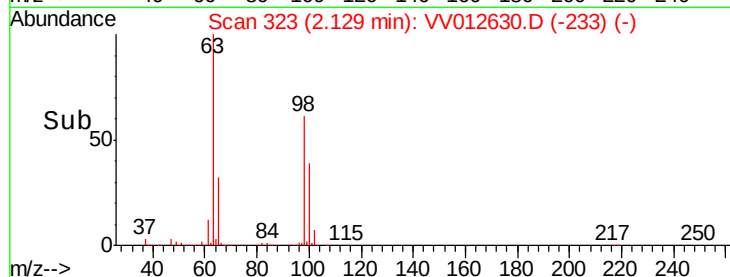
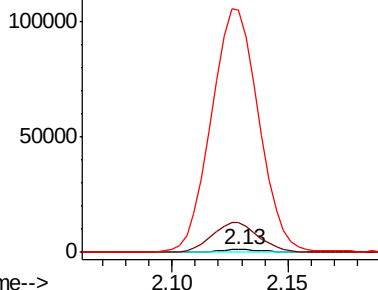
63 9127.8 79.4 147.4#



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: 0.162 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012630.D

Acq: 09 Sep 2019 18:42

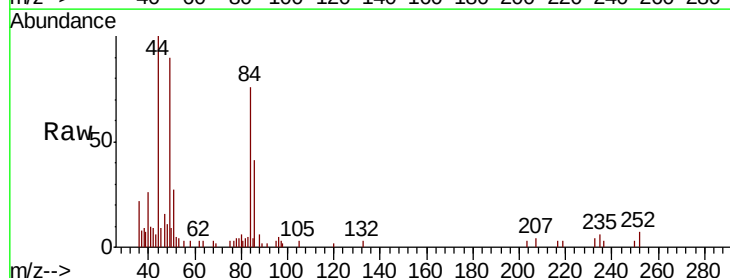
Tgt Ion: 84 Resp: 5178

Ion Ratio Lower Upper

84 100

86 54.5 46.1 85.7

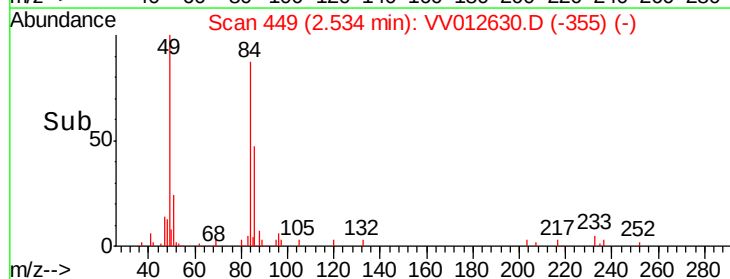
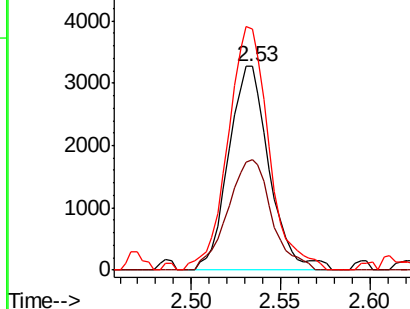
49 131.0 85.3 158.3

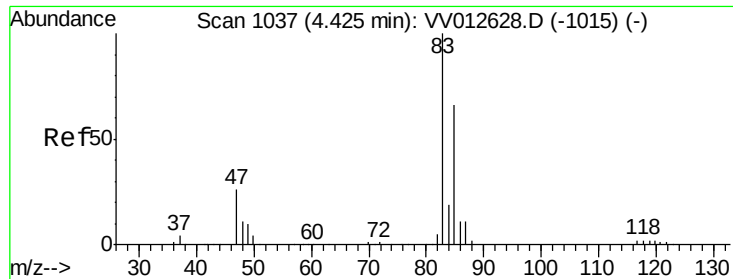


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

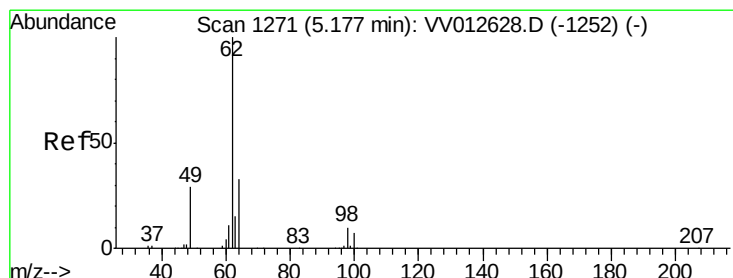
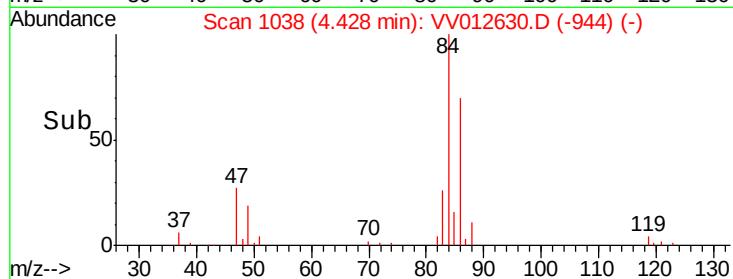
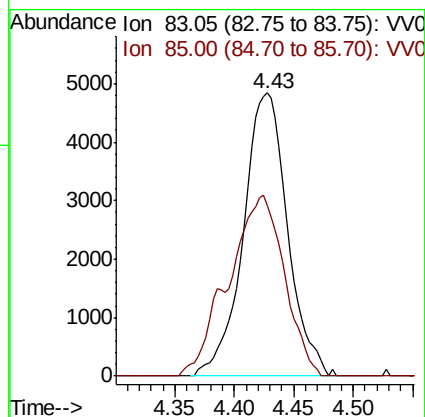
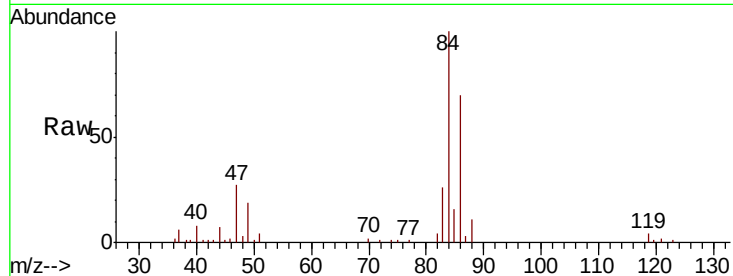




#25
Chloroform
Concen: 0.206 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012630.D
Acq: 09 Sep 2019 18:42

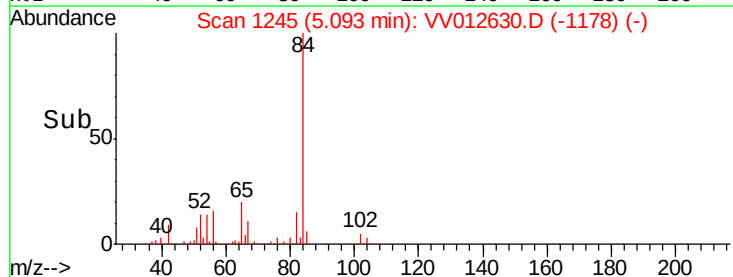
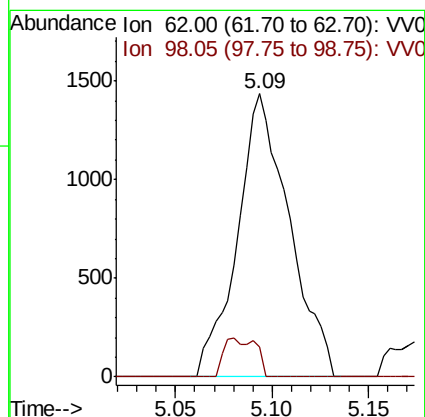
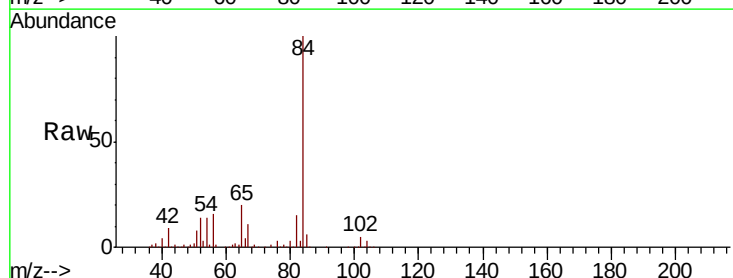
Instrument :
MSVOA_V
ClientSampled :

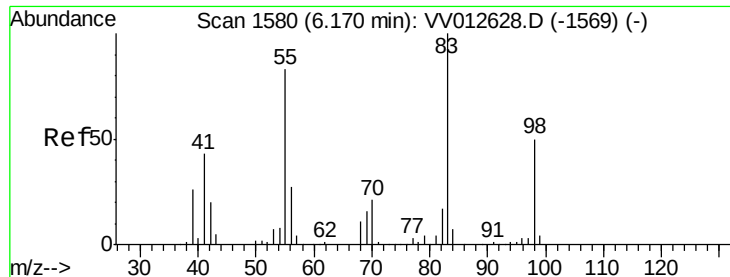
Tot Ion: 83 Resp: 12501
Ion Ratio Lower Upper
83 100
85 60.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV012630.D
Acq: 09 Sep 2019 18:42

Tgt Ion: 62 Resp: 2673
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6

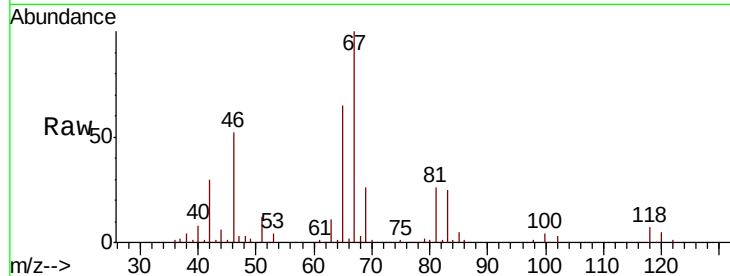




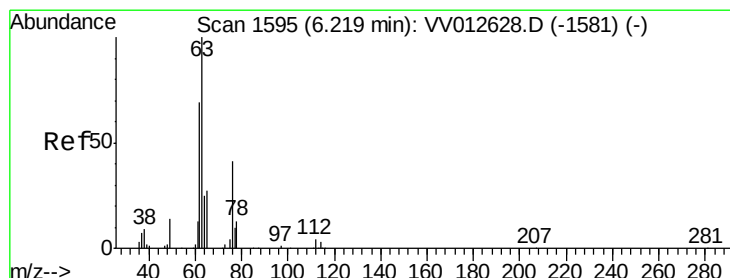
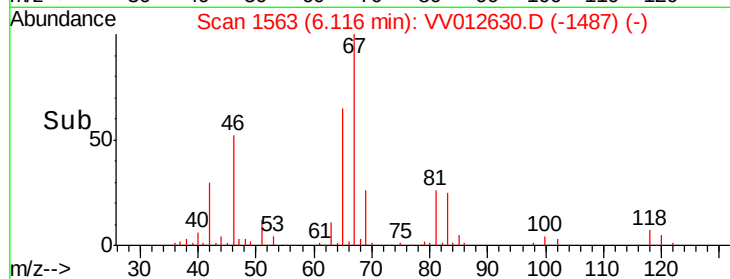
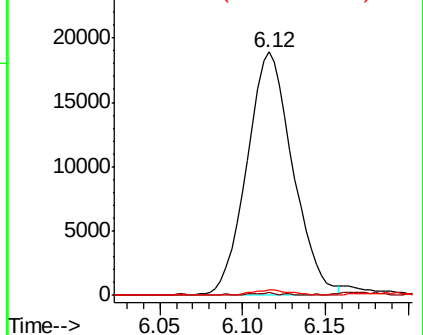
#35
Methvlcvclohexane
Concen: 0.761 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012630.D
Acq: 09 Sep 2019 18:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 36437
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 1.8 39.8 59.8#

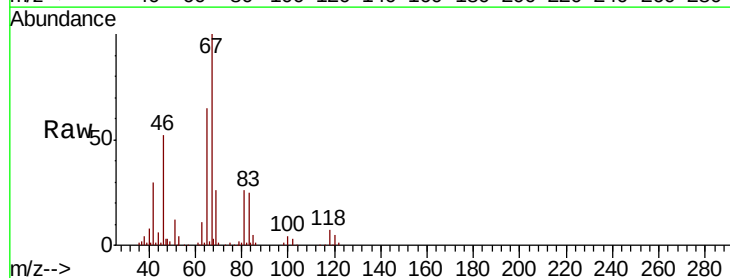


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

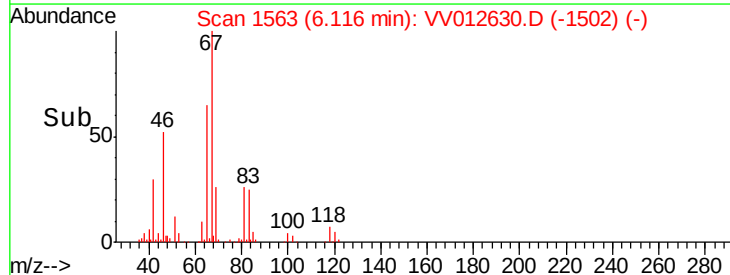
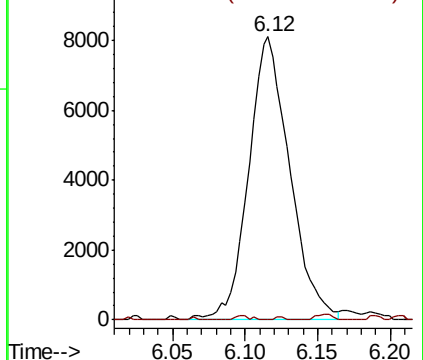


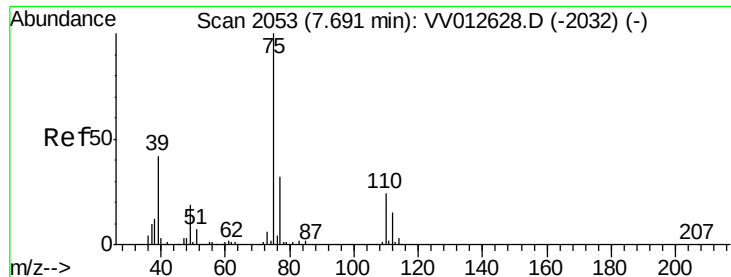
#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012630.D
Acq: 09 Sep 2019 18:42

Tgt Ion: 63 Resp: 16000
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

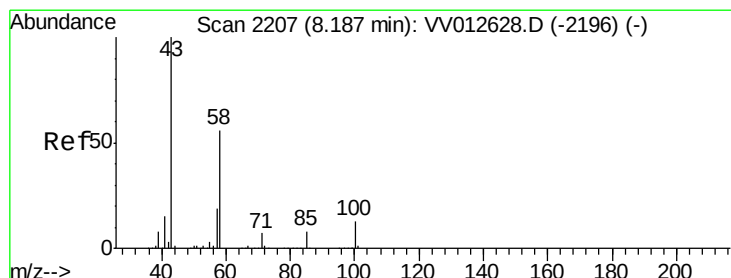
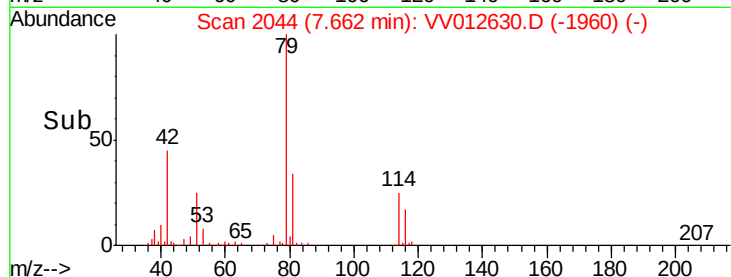
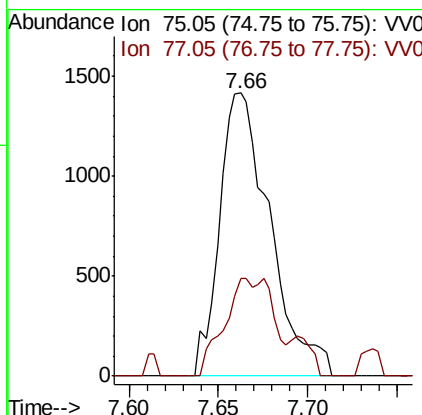
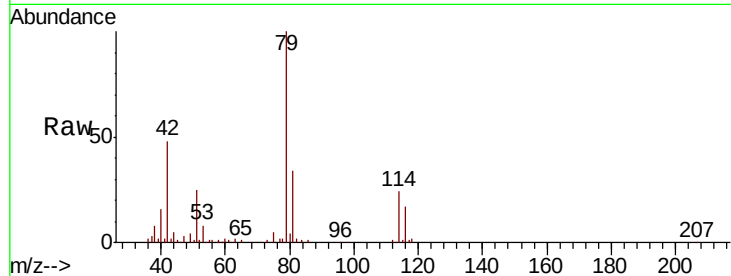




#44
 trans-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012630.D
 Acq: 09 Sep 2019 18:42

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2789
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.4 41.6



#48
 2-Hexanone
 Concen: 3.644 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VV012630.D
 Acq: 09 Sep 2019 18:42

Tgt Ion: 43 Resp: 44110
 Ion Ratio Lower Upper
 43 100
 58 40.8 44.8 67.2#
 57 12.9 14.9 22.3#
 100 9.6 9.8 14.8#

