

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013800.D
 Acq On : 26 Nov 2019 20:51
 Operator : SY/MD
 Sample : K6055-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	323847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	309881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80086	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	78022	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	113005	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.94	46	253369	60.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.62%
24) Chloroform-d	4.40	84	186388	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	99298	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	359941	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.11	67	115990	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	300243	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	39048	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	178837	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90137	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	126093	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

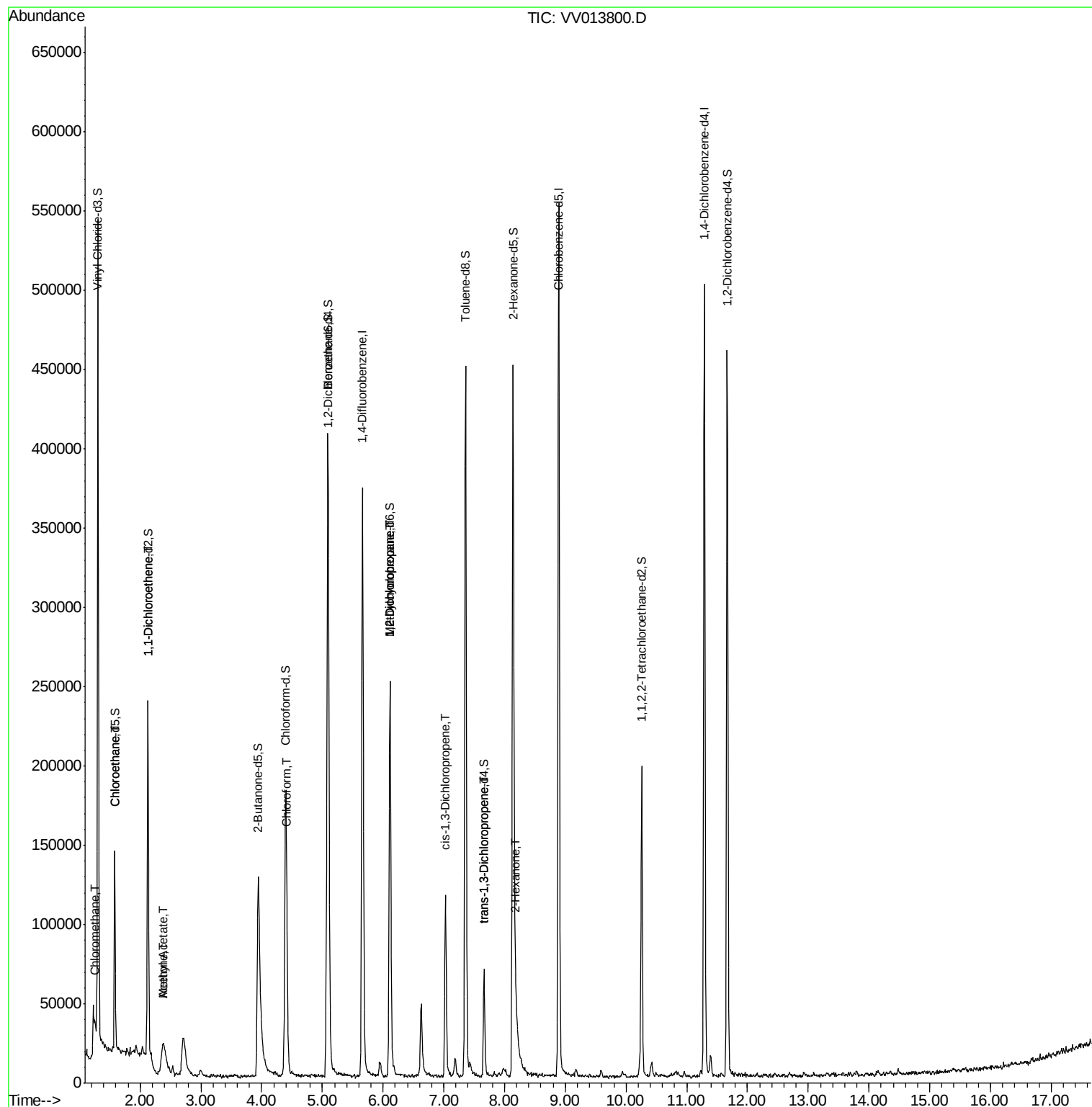
					Ovalue
3) Chloromethane	1.25	50	2920	0.154 ug/L #	75
8) Chloroethane	1.59	64	1155	0.099 ug/L #	59
12) 1,1-Dichloroethene	2.13	96	1337	0.086 ug/L #	1
13) Acetone	2.38	43	9695	3.327 ug/L	85
15) Methyl Acetate	2.38	43	9695	1.486 ug/L #	50
25) Chloroform	4.42	83	12304	0.331 ug/L	93
35) Methylcyclohexane	6.12	83	27948	0.999 ug/L #	21
37) 1,2-Dichloropropane	6.11	63	13481	0.690 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2879	0.104 ug/L #	54
44) trans-1,3-Dichloropropene	7.66	75	1751	0.081 ug/L	92
48) 2-Hexanone	8.19	43	6415	0.788 ug/L #	78

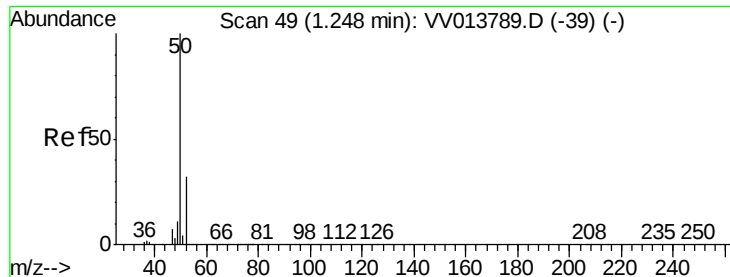
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013800.D

Acq: 26 Nov 2019 20:51

Instrument :

MSVOA_V

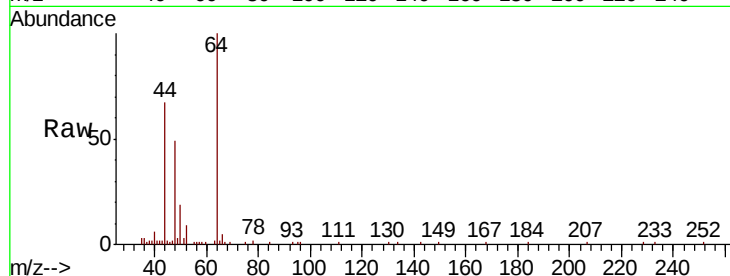
ClientSampled :

Tot Ion: 50 Resp: 2920

Ion Ratio Lower Upper

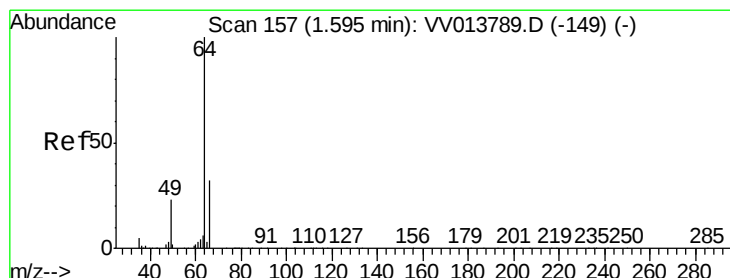
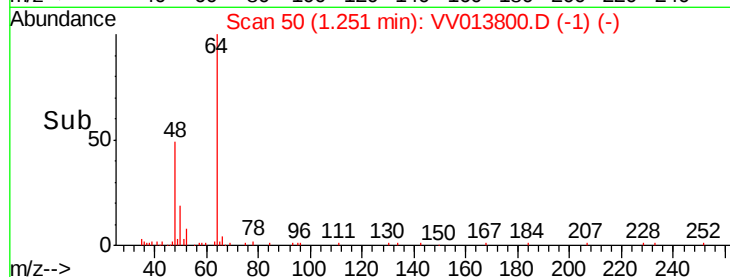
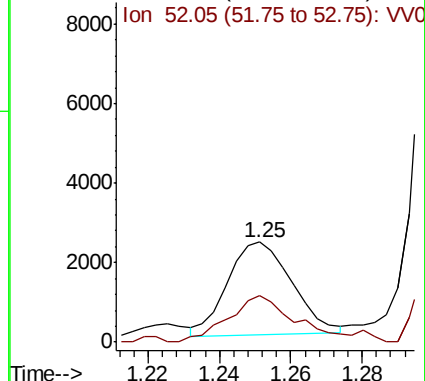
50 100

52 45.9 22.5 41.7#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV013800.D

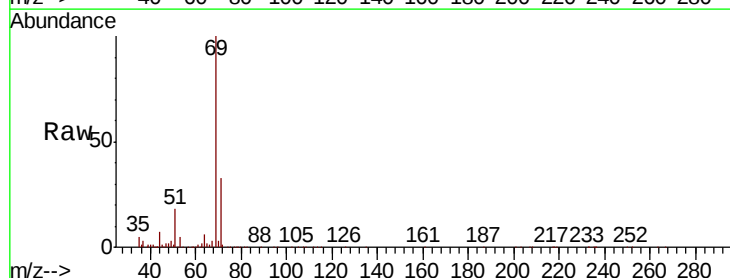
Acq: 26 Nov 2019 20:51

Tgt Ion: 64 Resp: 1155

Ion Ratio Lower Upper

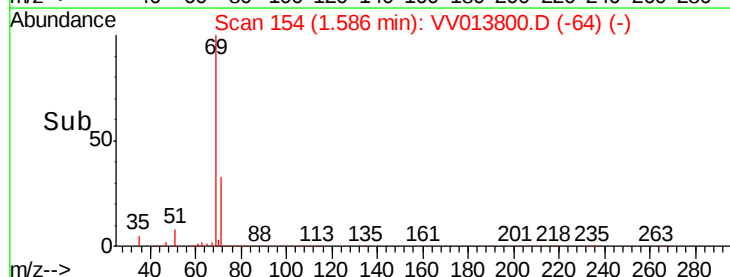
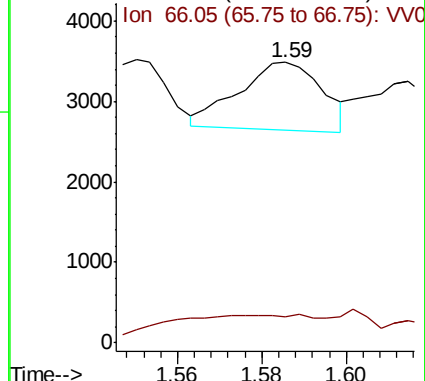
64 100

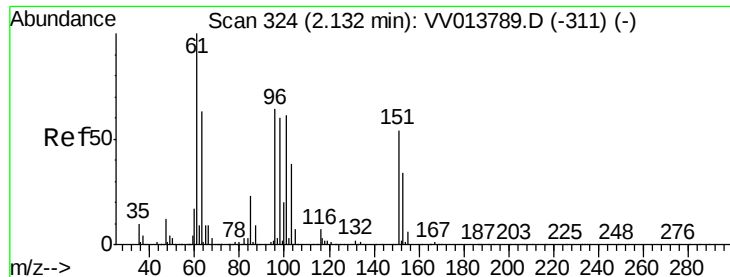
66 9.3 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

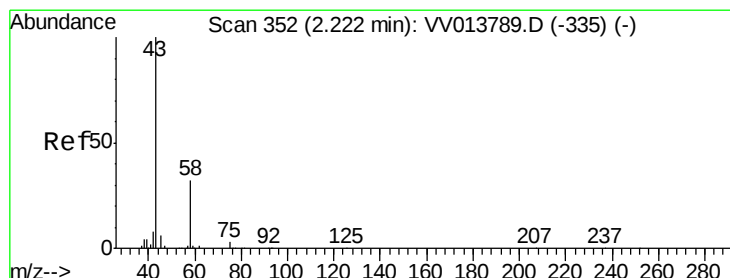
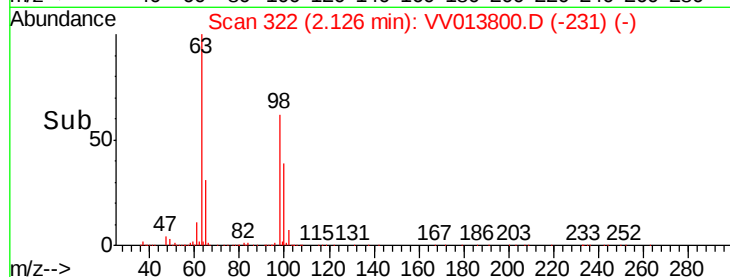
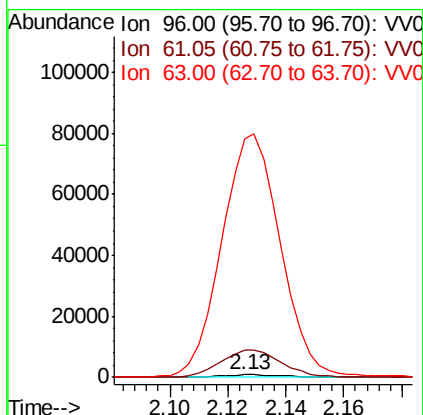
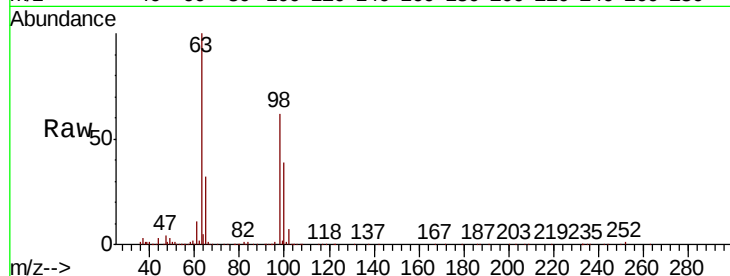
Delta R.T. -0.01 min

Lab File: VV013800.D

Acq: 26 Nov 2019 20:51

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 1337
Ion Ratio Lower Upper
96 100
61 1065.9 116.3 215.9#
63 9468.4 96.7 179.7#



#13

Acetone

Concen: 3.327 ug/L

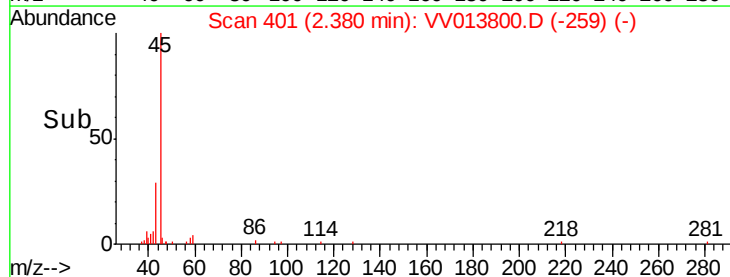
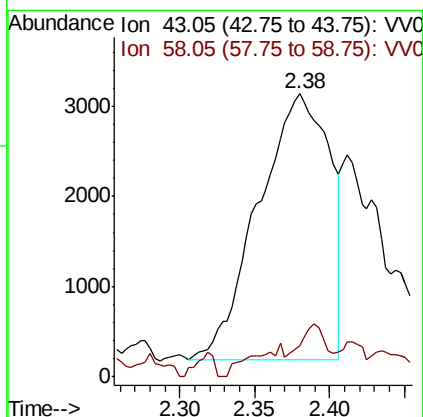
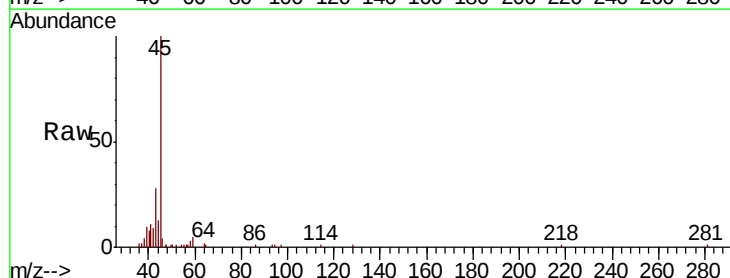
RT: 2.38 min Scan# 401

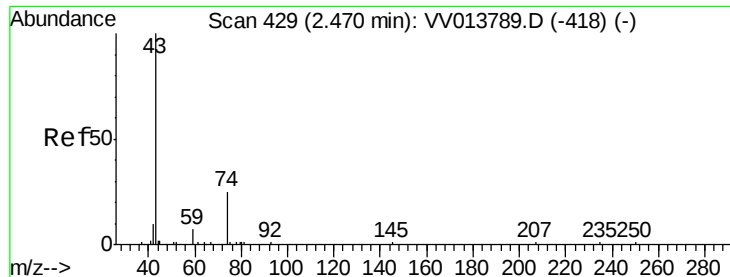
Delta R.T. 0.16 min

Lab File: VV013800.D

Acq: 26 Nov 2019 20:51

Tgt Ion: 43 Resp: 9695
Ion Ratio Lower Upper
43 100
58 7.4 0.0 27.2

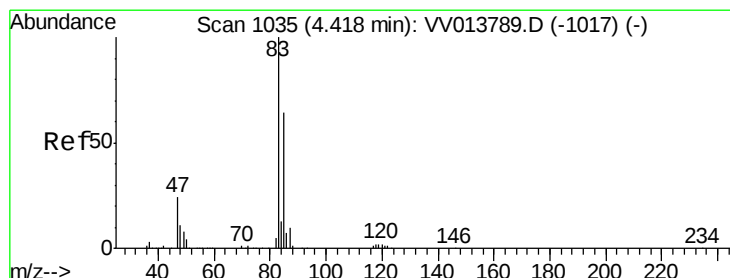
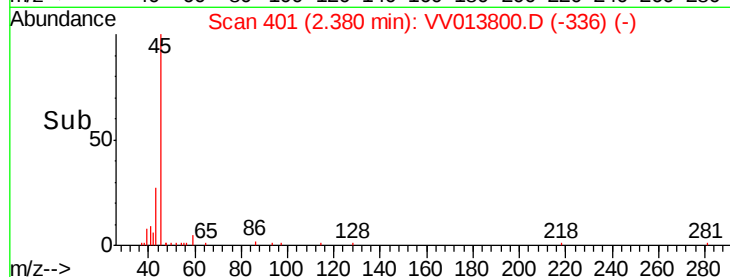
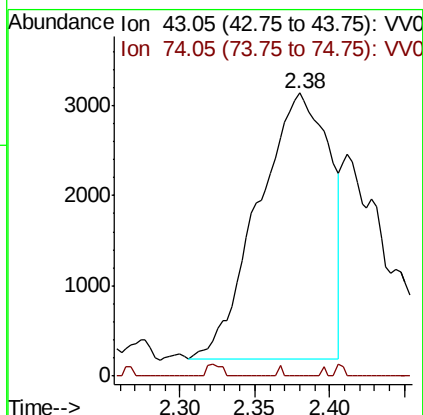
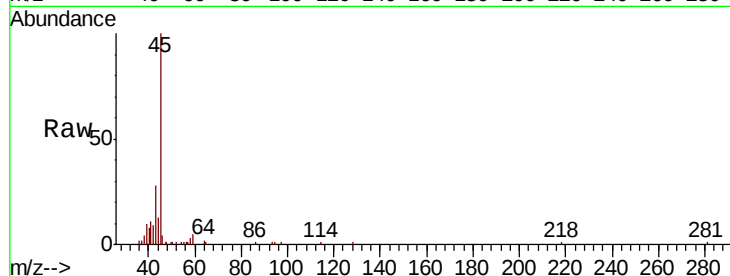




#15
Methvl Acetate
Concen: 1.486 ug/L
RT: 2.38 min Scan# 401
Delta R.T. -0.09 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

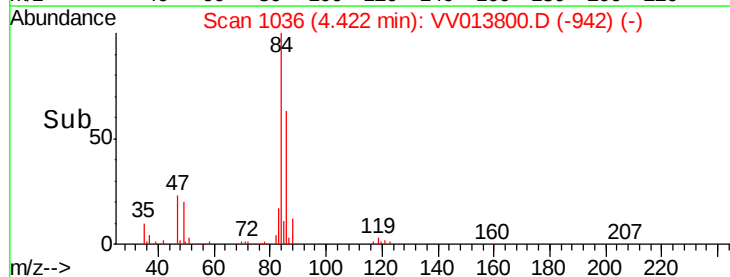
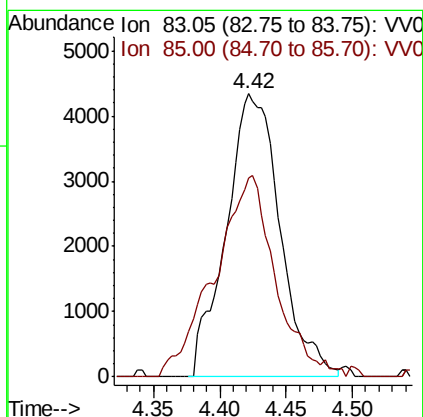
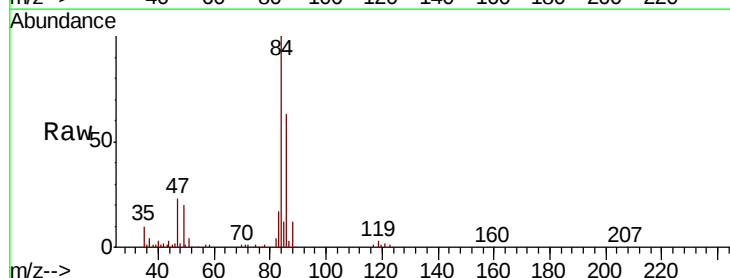
Instrument :
MSVOA_V
ClientSampleId :

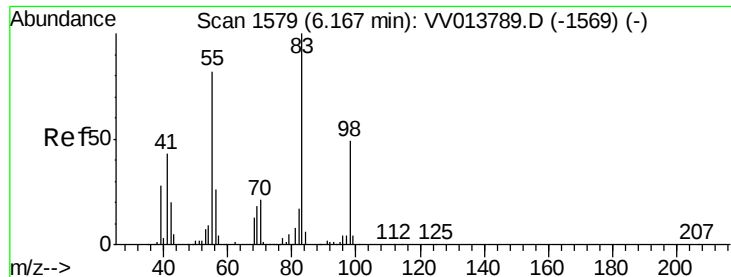
Tot Ion: 43 Resp: 9695
Ion Ratio Lower Upper
43 100
74 0.2 20.5 30.7#



#25
Chloroform
Concen: 0.331 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

Tgt Ion: 83 Resp: 12304
Ion Ratio Lower Upper
83 100
85 70.2 45.1 83.7

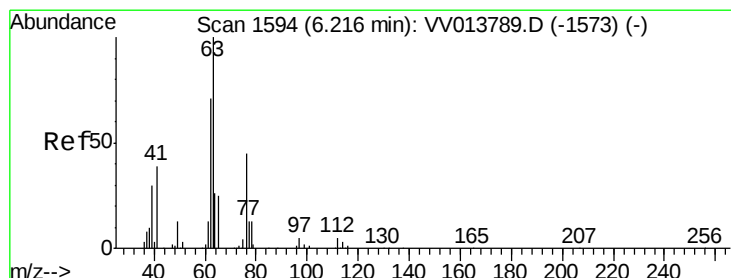
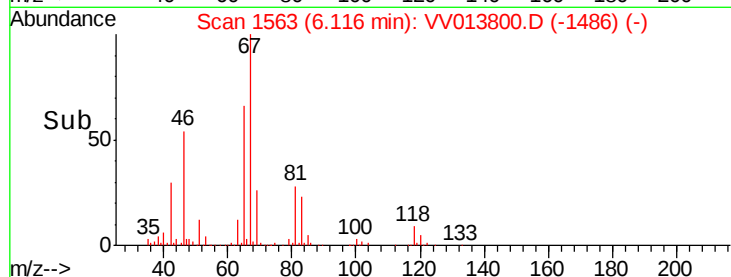
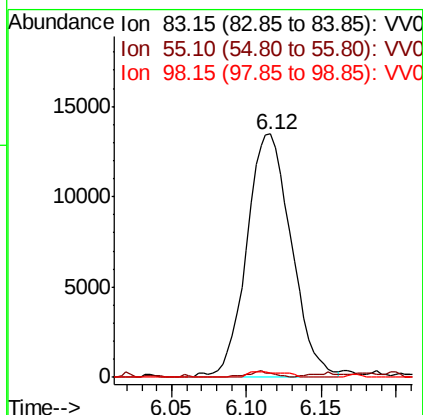
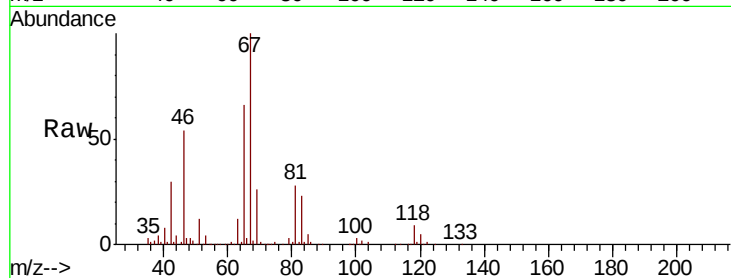




#35
Methvlcvclohexane
Concen: 0.999 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

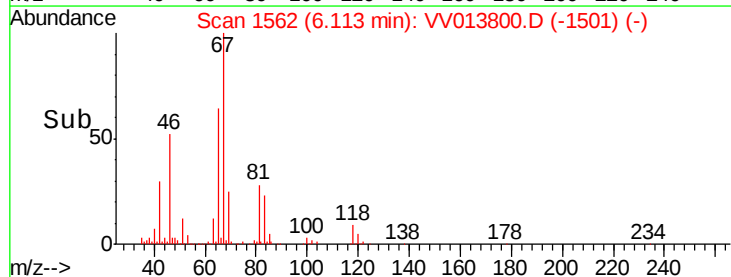
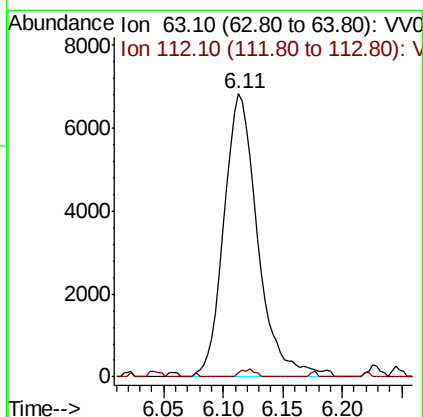
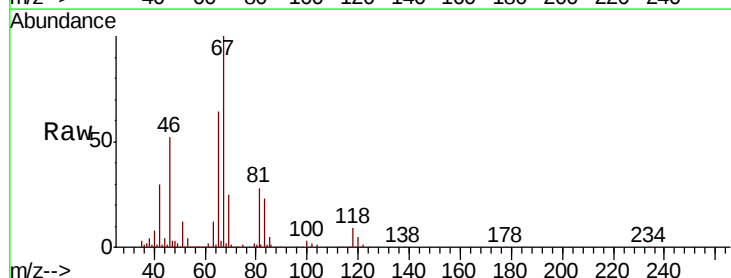
Instrument :
MSVOA_V
ClientSampleId :

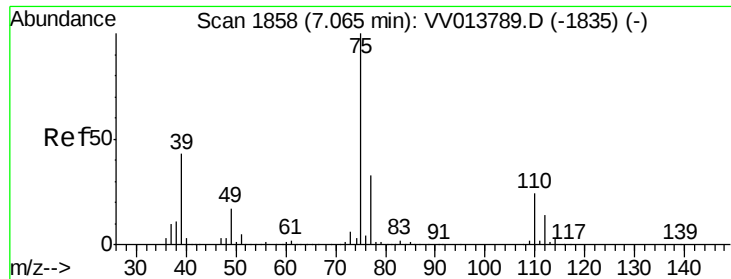
Tot Ion: 83 Resp: 27948
Ion Ratio Lower Upper
83 100
55 1.5 60.3 90.5#
98 1.9 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

Tgt Ion: 63 Resp: 13481
Ion Ratio Lower Upper
63 100
112 1.2 4.4 6.6#



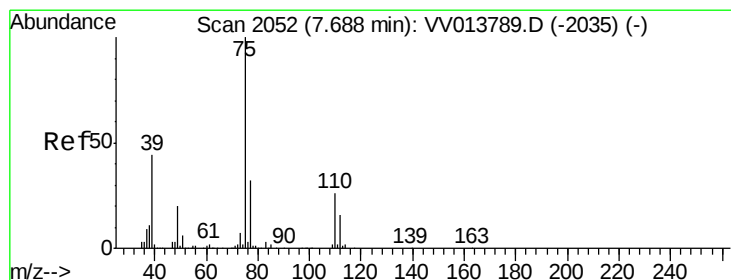
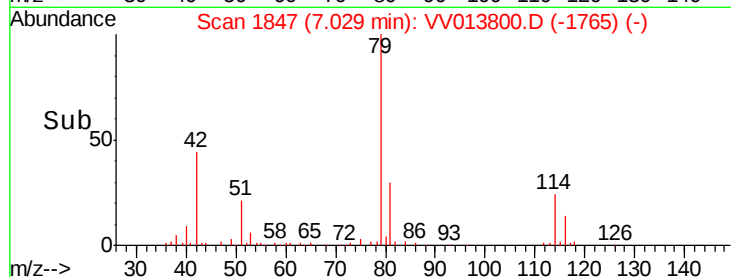
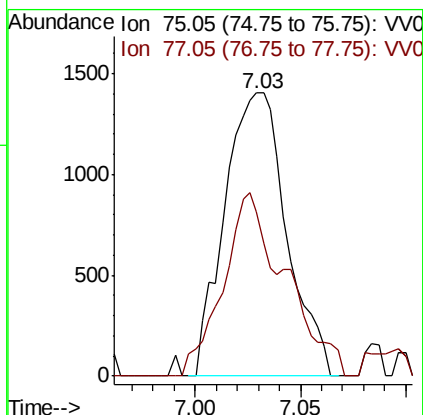
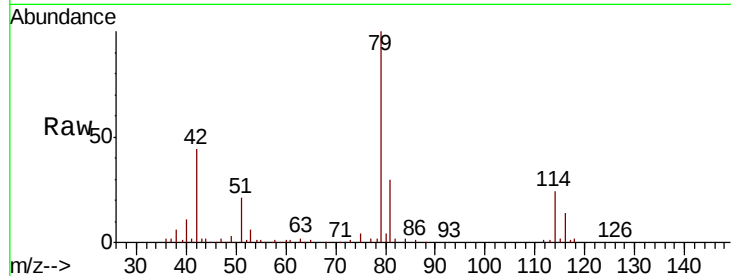


#39

cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

Instrument :
MSVOA_V
ClientSampleId :

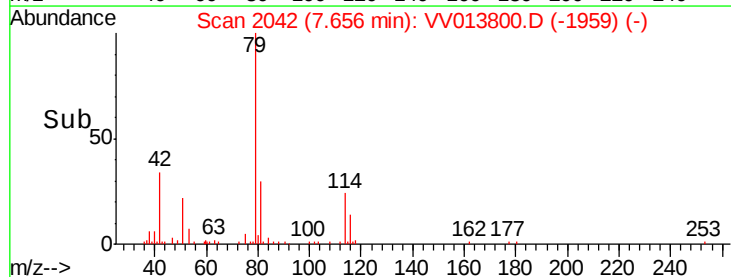
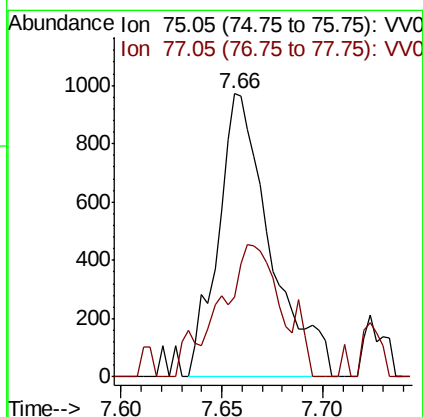
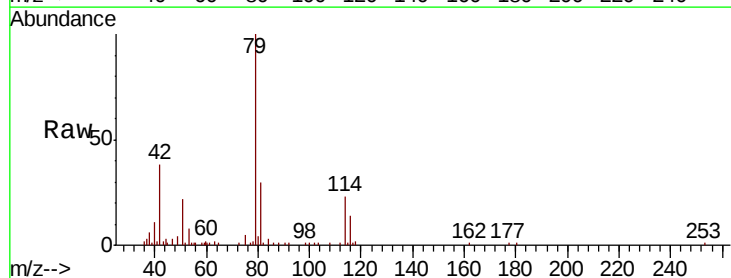
Tot Ion: 75 Resp: 2879
Ion Ratio Lower Upper
75 100
77 58.0 22.5 41.9#

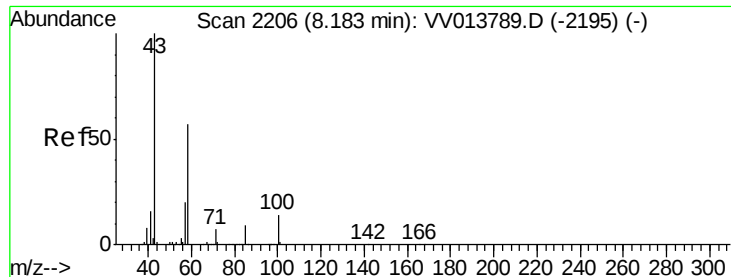


#44

trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV013800.D
Acq: 26 Nov 2019 20:51

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
77 28.3 23.0 42.8





#48

2-Hexanone

Concen: 0.788 ug/L

RT: 8.19 min Scan# 2207

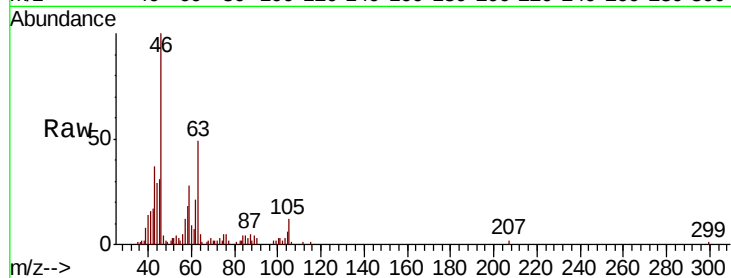
Delta R.T. 0.00 min

Lab File: VV013800.D

Acq: 26 Nov 2019 20:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	6415
Ion	Ratio	Lower	Upper
43	100		
58	40.7	43.2	64.8#
57	0.0	15.4	23.2#
100	10.7	10.4	15.6



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

