

Data File : VV009688.D
Acq On : 15 Mar 2019 16:16
Operator : SY/MD
Sample : K1939-05
Misc : 5.43g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S8

Quant Time: Mar 16 02:35:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155733	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36524	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.26%
7) Chloroethane-d5	1.55	69	21843	22.77	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.54%#
11) 1,1-Dichloroethene-d2	2.10	63	83006	34.14	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.95	46	61526	90.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.33%
24) Chloroform-d	4.40	84	90551	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.08	65	63829	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
32) Benzene-d6	5.09	84	185899	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.12	67	57511	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.36	98	176907	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%
43) trans-1,3-Dichloropropene-	7.67	79	27397	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.14	63	53639	102.56	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89626	46.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	64953	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds

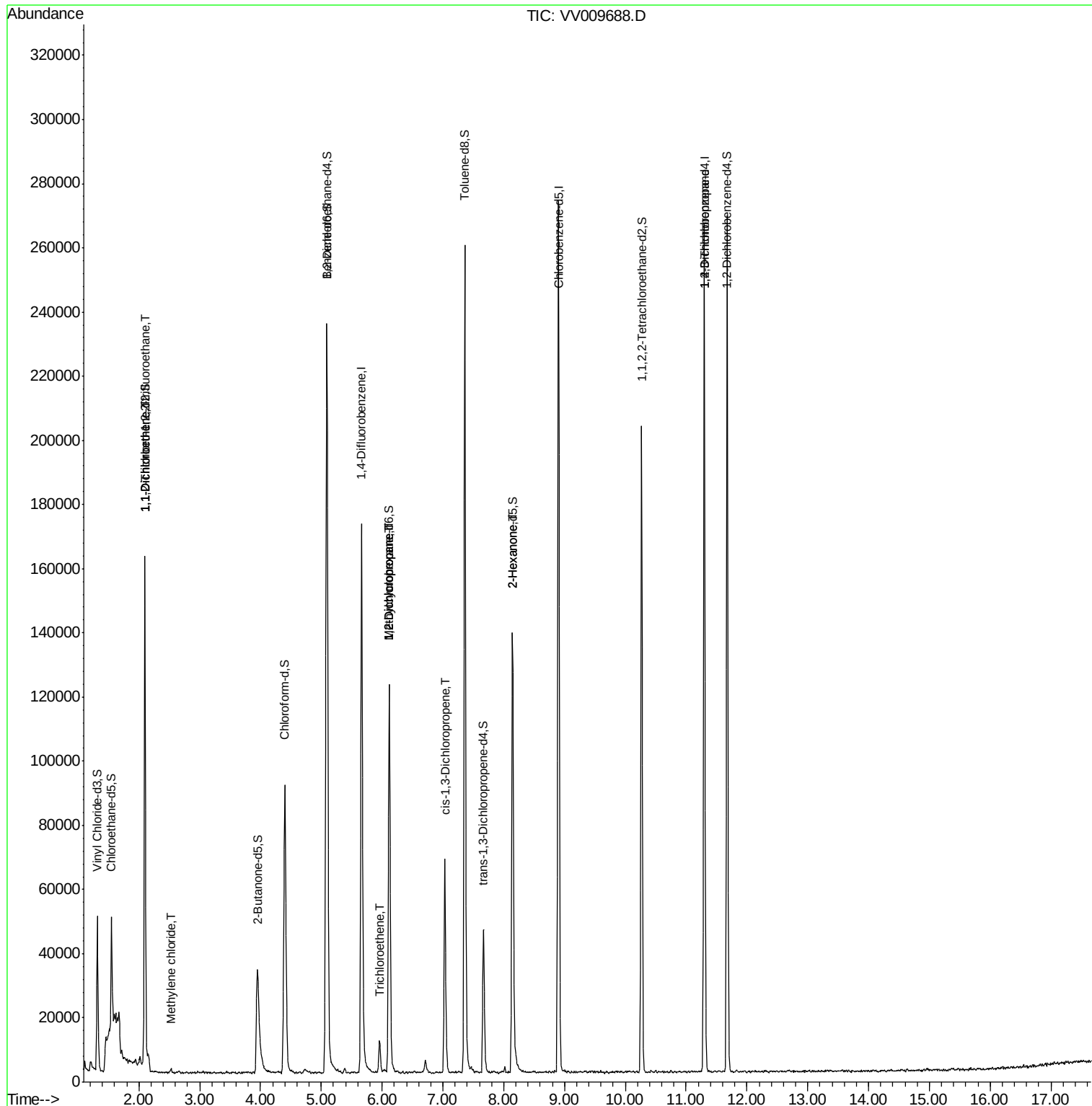
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	689	0.584	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	813	0.806	ug/L #	1
16) Methylene chloride	2.53	84	335	0.341	ug/L #	70
34) Trichloroethene	5.96	95	2706	2.627	ug/L	94
35) Methylcyclohexane	6.12	83	13987	8.393	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	6848	6.961	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2138	1.363	ug/L #	78
48) 2-Hexanone	8.15	43	6523	6.191	ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	9420	7.062	ug/L	96

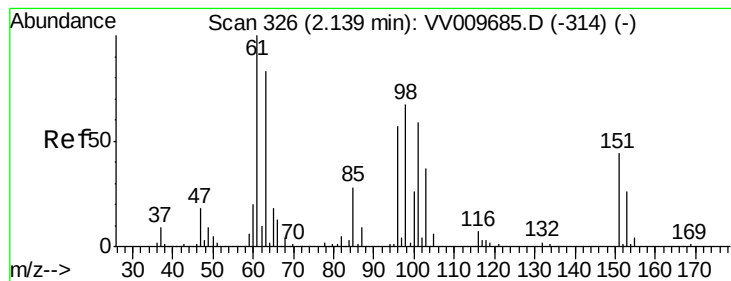
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.584 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009688.D

Acq: 15 Mar 2019 16:16

Instrument :

MSVOA_V

ClientSampleId :

BF0S8

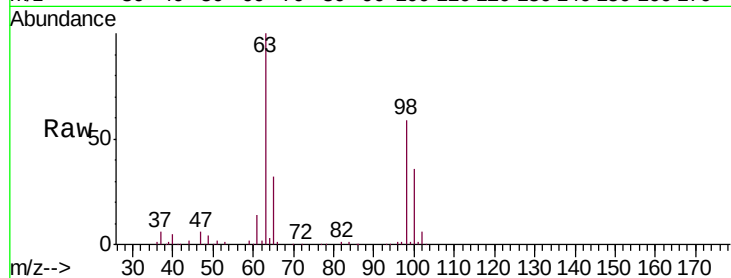
Tgt Ion: 101 Resp: 689

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

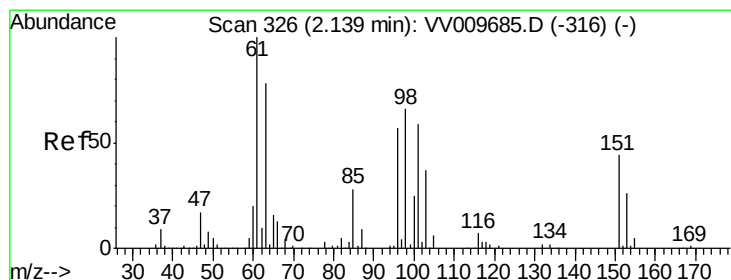
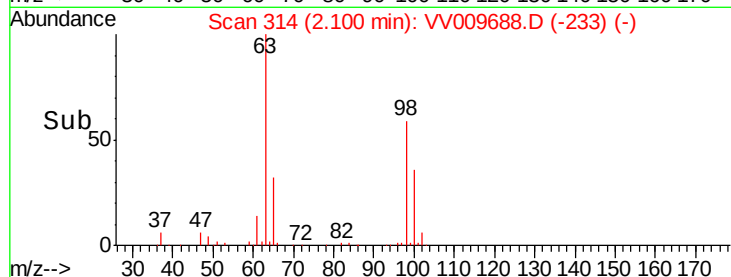
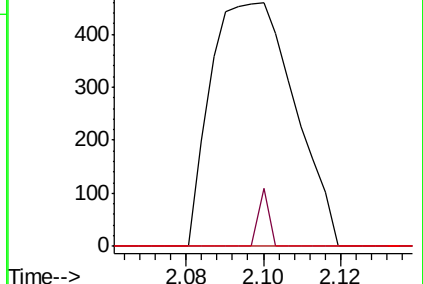
151 0.0 59.6 89.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.806 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009688.D

Acq: 15 Mar 2019 16:16

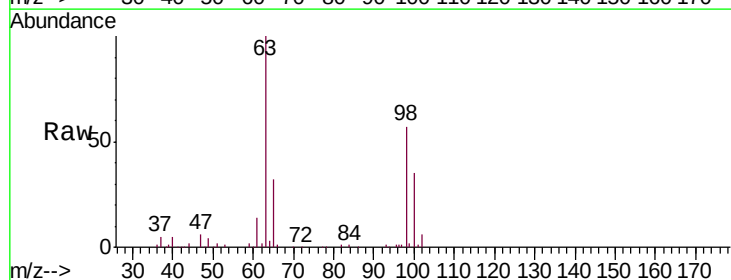
Tgt Ion: 96 Resp: 813

Ion Ratio Lower Upper

96 100

61 933.9 122.1 226.7#

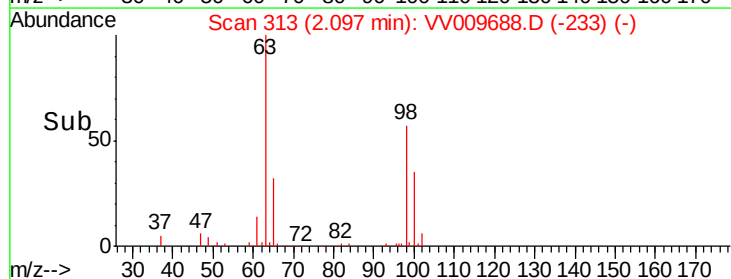
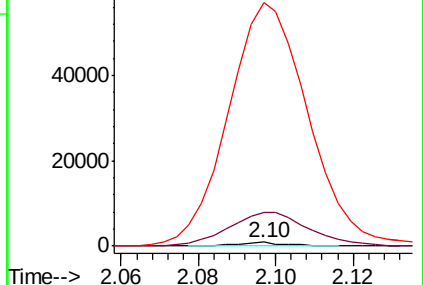
63 6695.8 107.6 199.8#

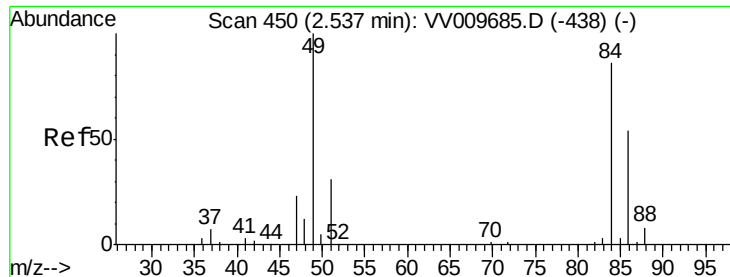


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

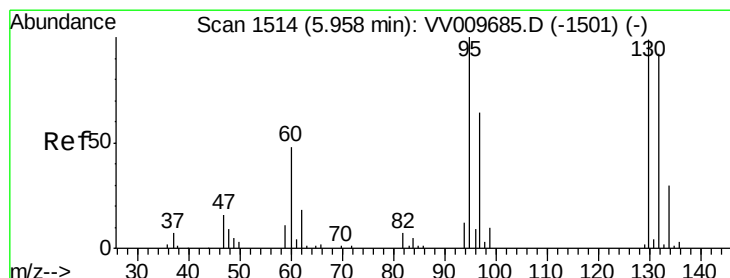
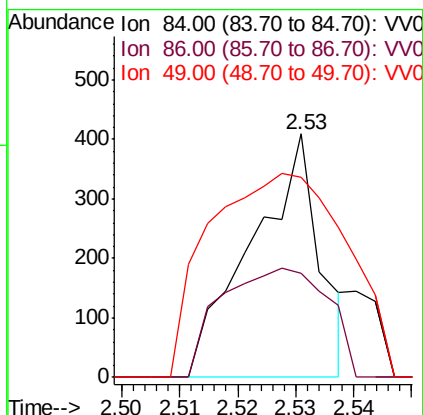
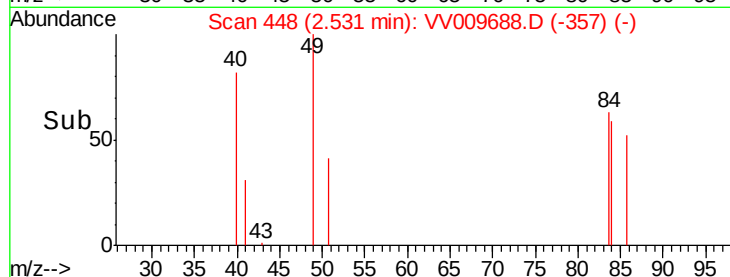
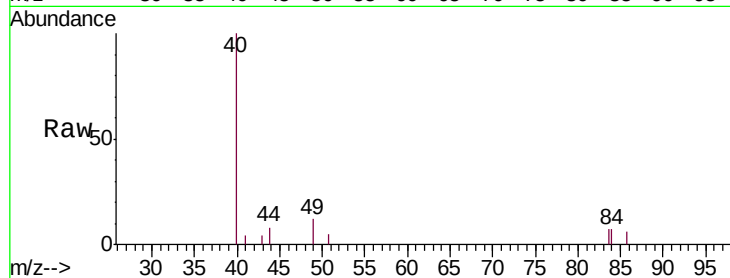




#16
Methylene chloride
Concen: 0.341 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV009688.D
Acq: 15 Mar 2019 16:16

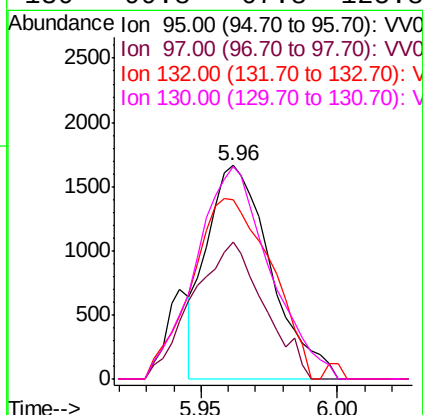
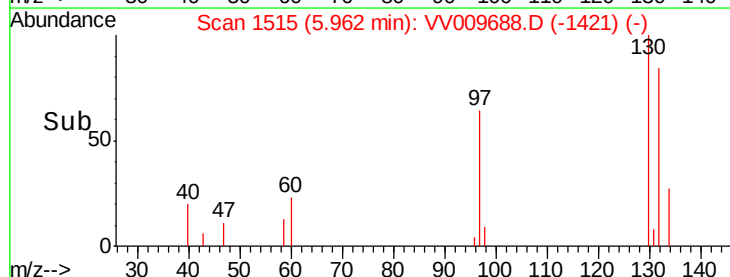
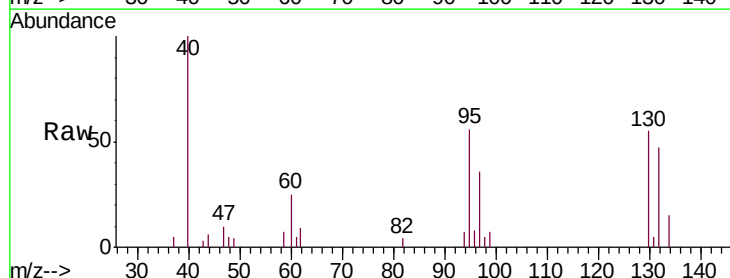
Instrument :
MSVOA_V
ClientSampled :
BF0S8

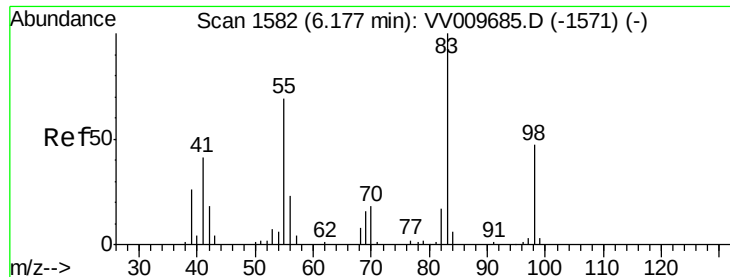
Tgt Ion: 84 Resp: 335
Ion Ratio Lower Upper
84 100
86 42.8 44.0 81.6#
49 82.2 82.0 152.4



#34
Trichloroethene
Concen: 2.627 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009688.D
Acq: 15 Mar 2019 16:16

Tgt Ion: 95 Resp: 2706
Ion Ratio Lower Upper
95 100
97 64.0 44.2 82.2
132 83.8 66.5 123.5
130 99.8 67.8 125.8

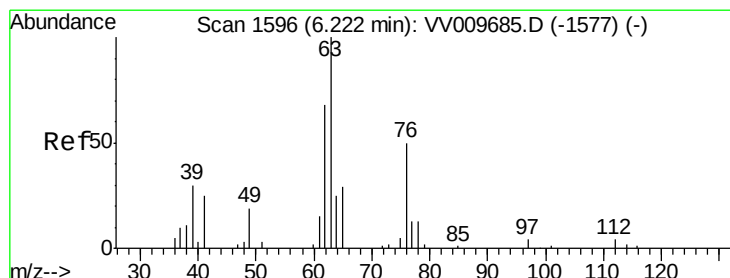
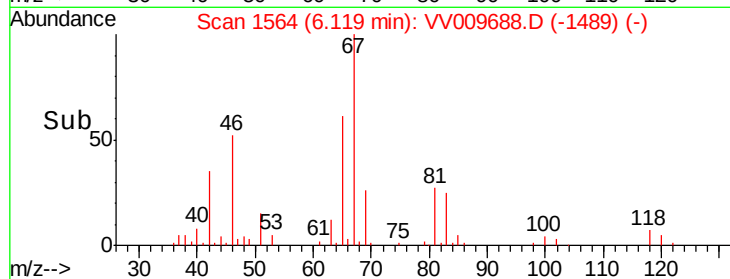
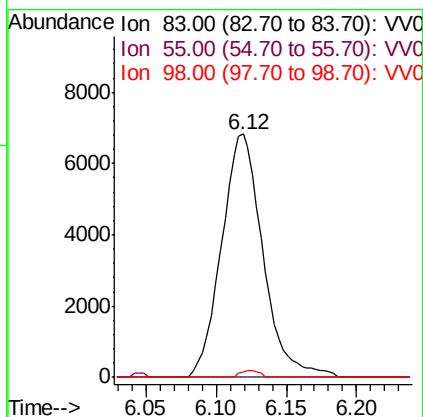
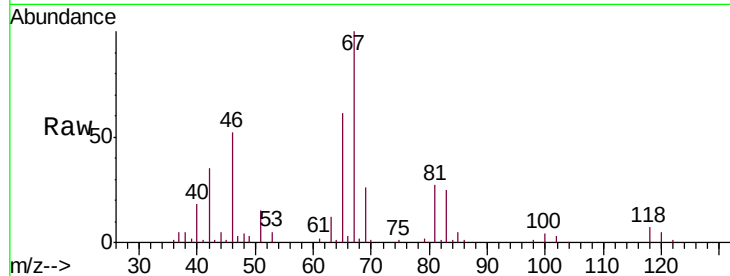




#35
Methylcyclohexane
Concen: 8.393 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009688.D
Acq: 15 Mar 2019 16:16

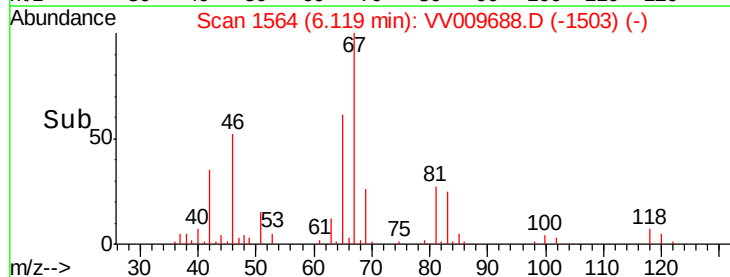
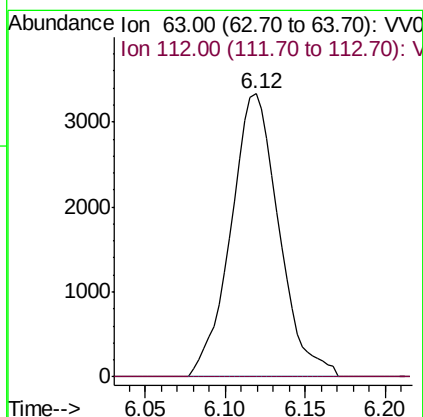
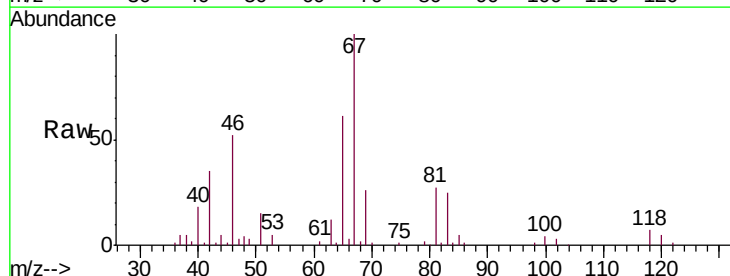
Instrument :
MSVOA_V
ClientSampleId :
BF0S8

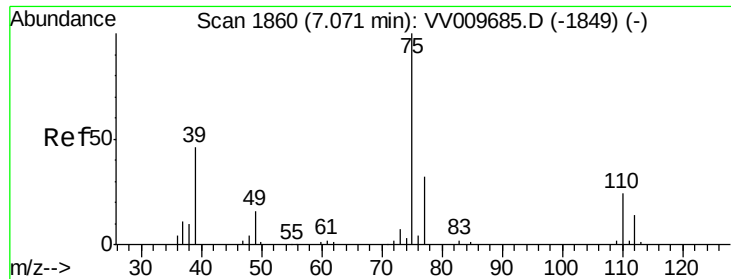
Tgt Ion: 83 Resp: 13987
Ion Ratio Lower Upper
83 100
55 0.5 57.9 86.9#
98 1.2 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 6.961 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009688.D
Acq: 15 Mar 2019 16:16

Tgt Ion: 63 Resp: 6848
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

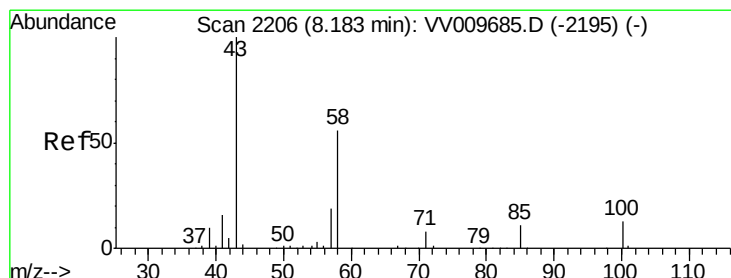
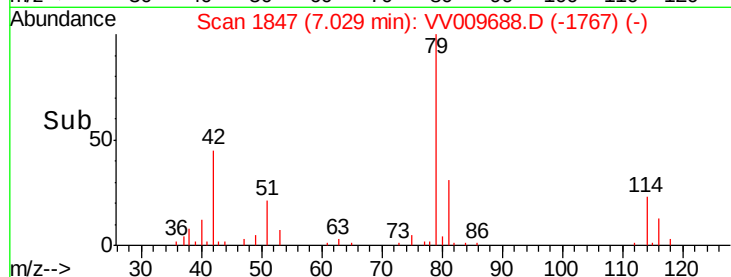
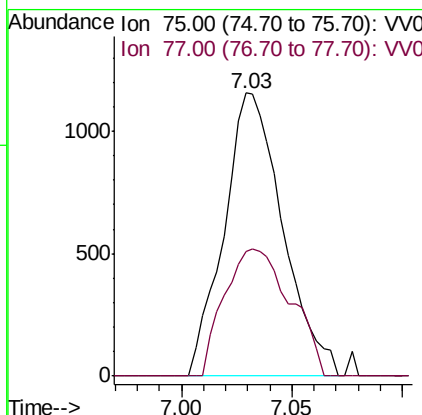
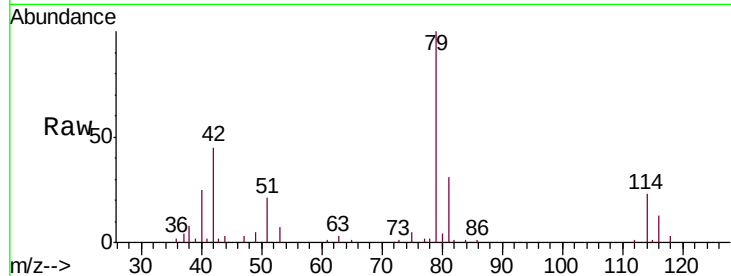




#39
 cis-1,3-Dichloropropene
 Concen: 1.363 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009688.D
 Acq: 15 Mar 2019 16:16

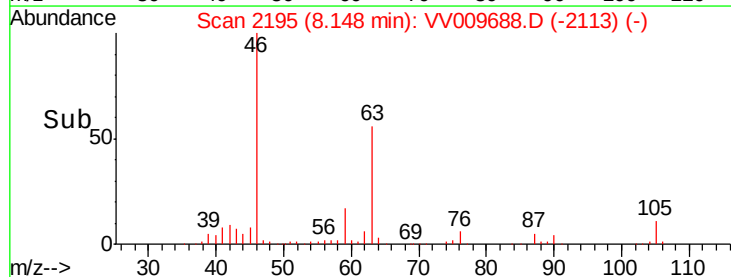
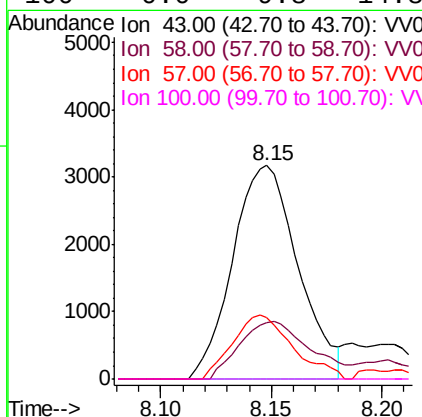
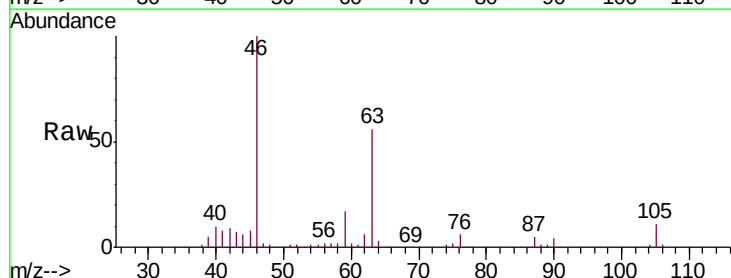
Instrument :
 MSVOA_V
 ClientSampled :
 BF0S8

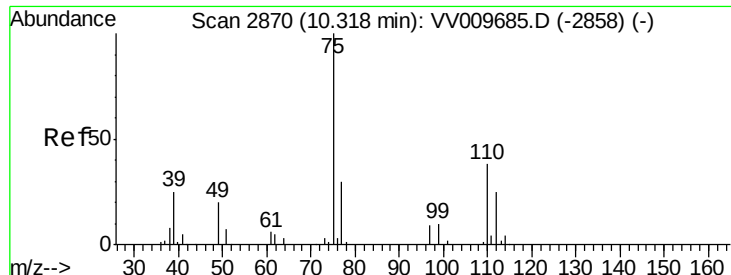
Tgt Ion: 75 Resp: 2138
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.3 41.5#



#48
 2-Hexanone
 Concen: 6.191 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.04 min
 Lab File: VV009688.D
 Acq: 15 Mar 2019 16:16

Tgt Ion: 43 Resp: 6523
 Ion Ratio Lower Upper
 43 100
 58 28.9 45.8 68.8#
 57 26.0 14.5 21.7#
 100 0.0 9.8 14.8#





#59

1,2,3-Trichloropropane

Concen: 7.062 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009688.D

Acq: 15 Mar 2019 16:16

Instrument :

MSVOA_V

ClientSampleId :

BF0S8

Tgt Ion: 75 Resp: 9420

Ion Ratio Lower Upper

75 100

77 35.6 26.6 40.0

