

Data File : VV009703.D
Acq On : 15 Mar 2019 22:22
Operator : SY/MD
Sample : K1939-20
Misc : 5.30g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y3ME

Quant Time: Mar 16 02:38:46 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	168688	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35654	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.42%
7) Chloroethane-d5	1.55	69	23155	22.28	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.56%#
11) 1,1-Dichloroethene-d2	2.10	63	79049	30.01	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	3.95	46	70405	95.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.40	84	90779	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	63259	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.09	84	186359	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.12	67	57827	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.22%
41) Toluene-d8	7.36	98	179080	41.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.86%
43) trans-1,3-Dichloropropene-	7.67	79	26495	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.14	63	57621	100.49	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95861	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	69379	43.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.74%

Target Compounds

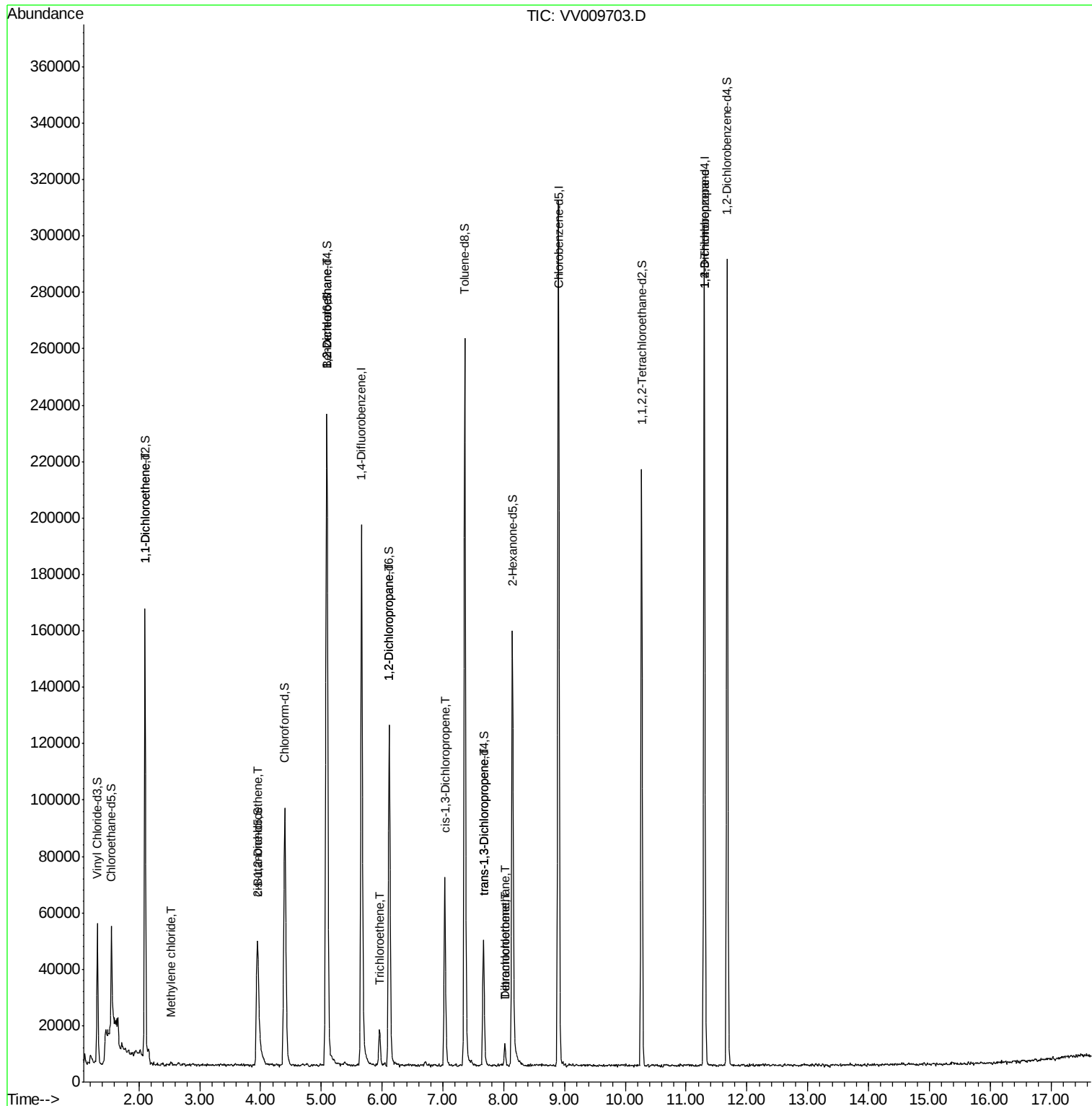
					Qvalue	
12) 1,1-Dichloroethene	2.10	96	661	0.605	ug/L #	1
16) Methylene chloride	2.52	84	396	0.372	ug/L #	77
20) cis-1,2-Dichloroethene	3.95	96	2301	1.985	ug/L	89
27) 1,2-Dichloroethane	5.10	62	1018	0.629	ug/L #	78
34) Trichloroethene	5.96	95	4057	3.592	ug/L	86
37) 1,2-Dichloropropane	6.12	63	6818	6.321	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2354	1.369	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1059	0.656	ug/L #	71
46) Tetrachloroethene	8.02	164	1445	1.627	ug/L	90
49) Dibromochloromethane	8.02	129	1393	1.125	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10184	6.964	ug/L #	88

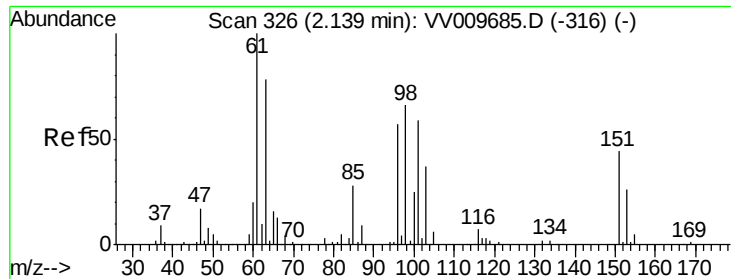
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 02:32:06 2019
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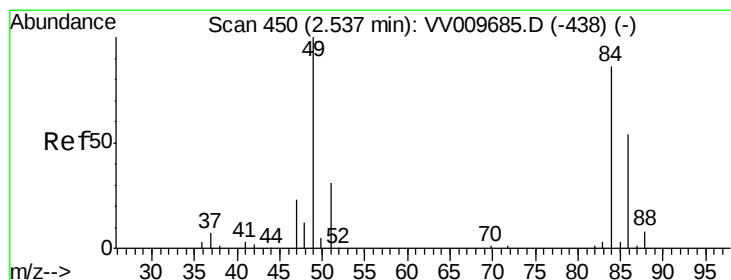
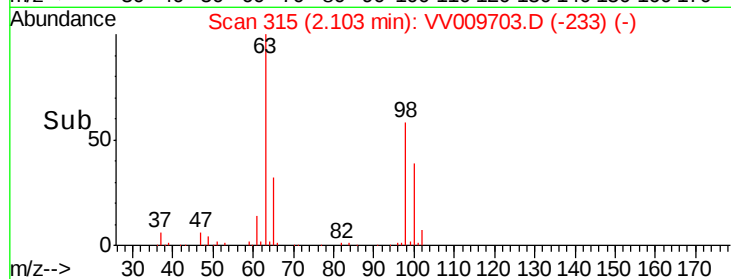
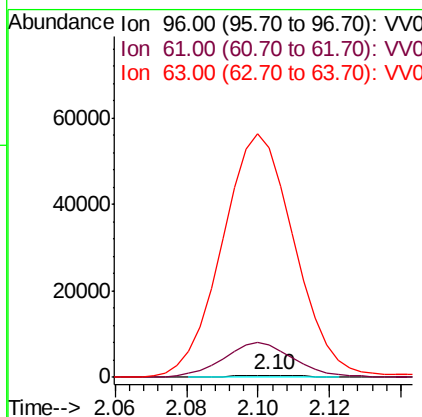
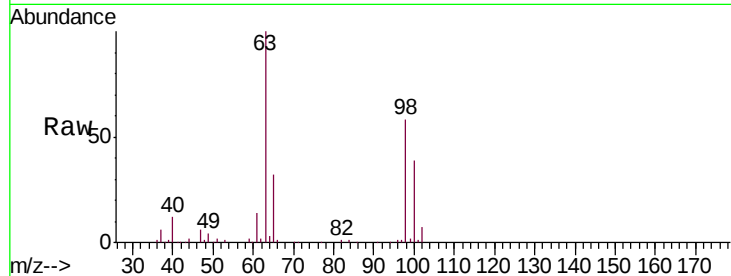




#12
 1,1-Dichloroethene
 Concen: 0.605 ug/L
 RT: 2.10 min Scan# 315
 Delta R.T. -0.04 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

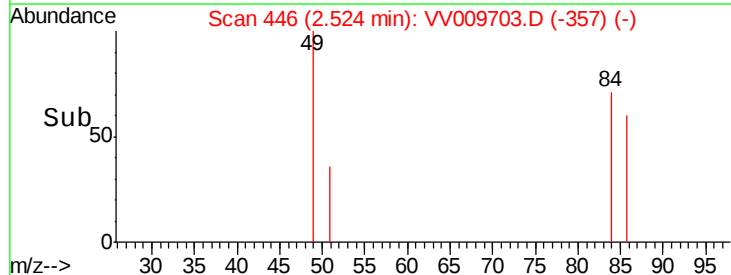
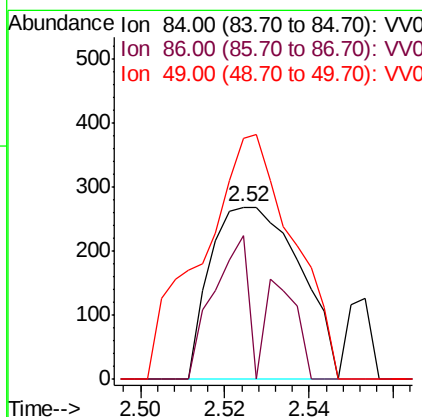
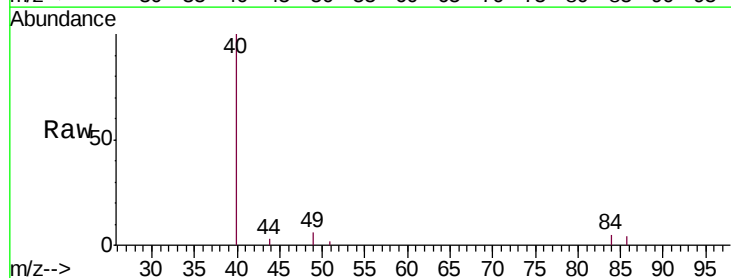
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y3ME

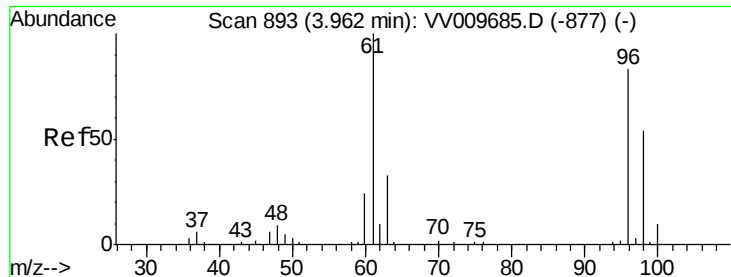
Tgt Ion: 96 Resp: 661
 Ion Ratio Lower Upper
 96 100
 61 1669.2 122.1 226.7#
 63 11835.7 107.6 199.8#



#16
 Methylene chloride
 Concen: 0.372 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

Tgt Ion: 84 Resp: 396
 Ion Ratio Lower Upper
 84 100
 86 83.6 44.0 81.6#
 49 140.3 82.0 152.4

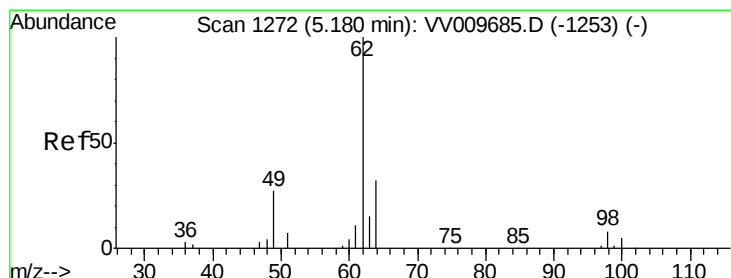
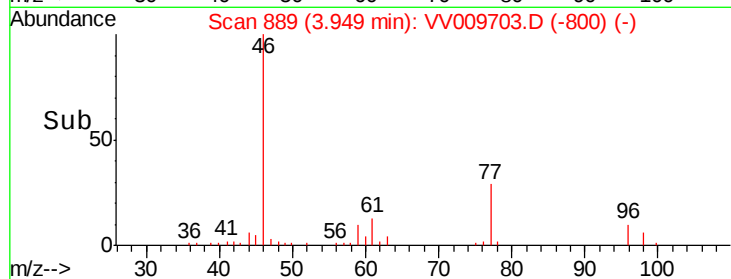
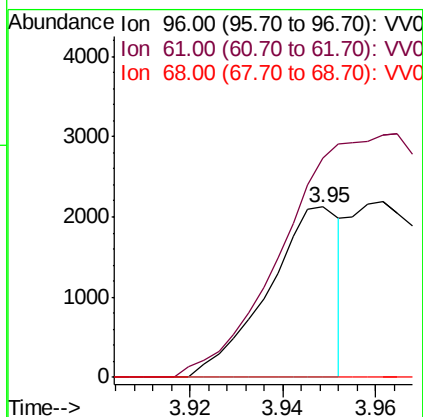
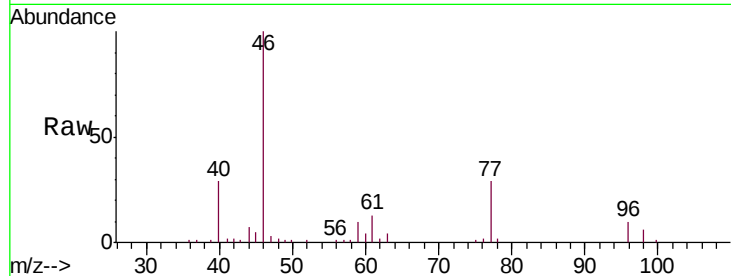




#20
 cis-1,2-Dichloroethene
 Concen: 1.985 ug/L
 RT: 3.95 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

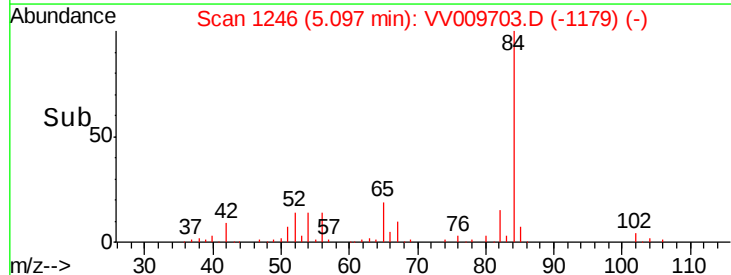
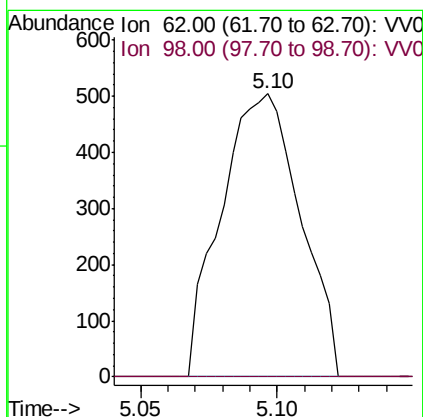
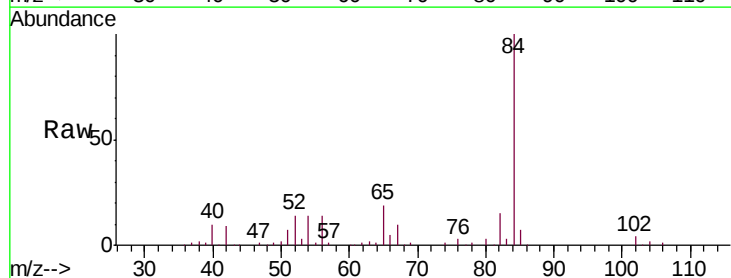
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y3ME

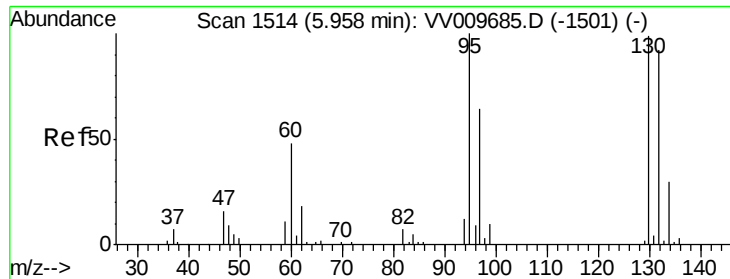
Tgt Ion: 96 Resp: 2301
 Ion Ratio Lower Upper
 96 100
 61 129.3 82.4 153.0
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.629 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

Tgt Ion: 62 Resp: 1018
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#

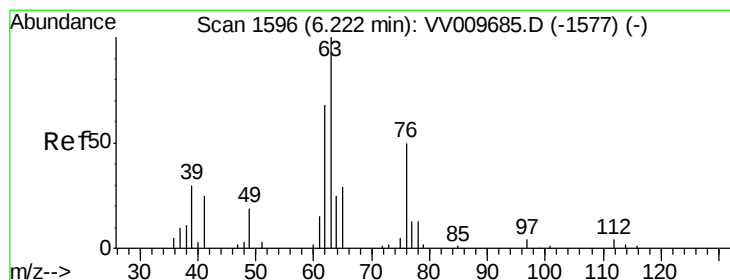
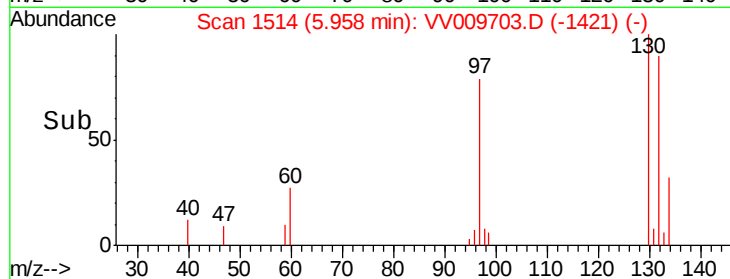
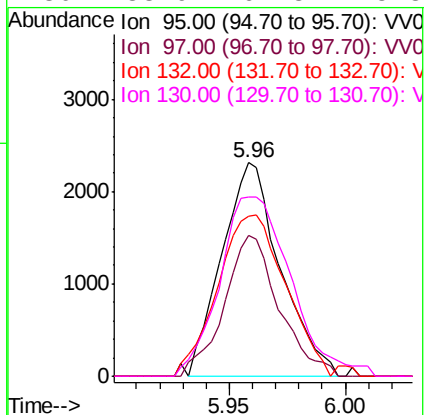
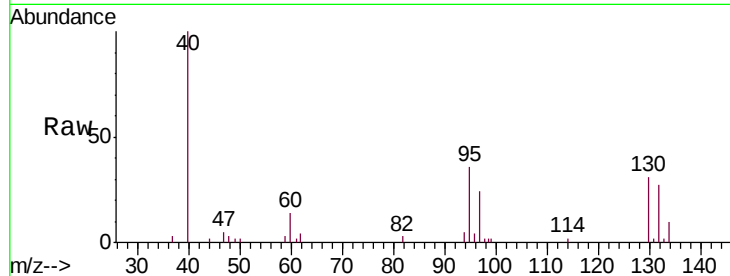




#34
 Trichloroethene
 Concen: 3.592 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

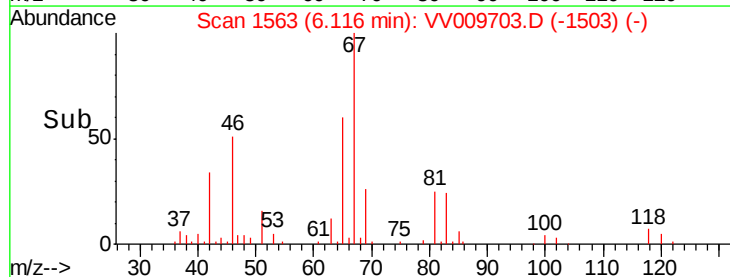
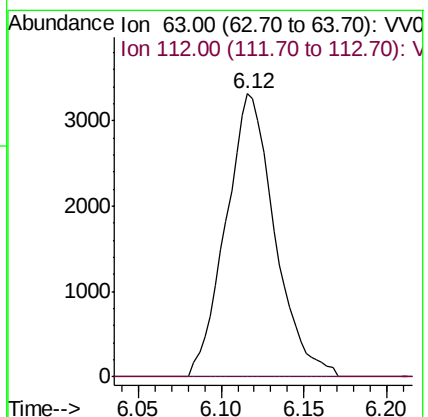
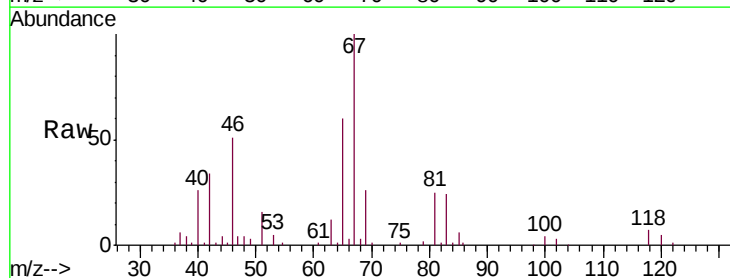
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y3ME

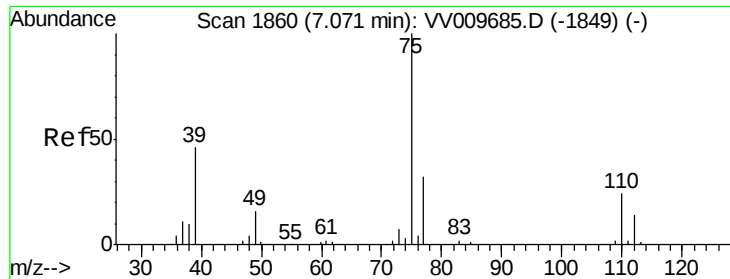
Tgt Ion: 95 Resp: 4057
 Ion Ratio Lower Upper
 95 100
 97 66.1 44.2 82.2
 132 75.2 66.5 123.5
 130 83.9 67.8 125.8



#37
 1,2-Dichloropropane
 Concen: 6.321 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

Tgt Ion: 63 Resp: 6818
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#

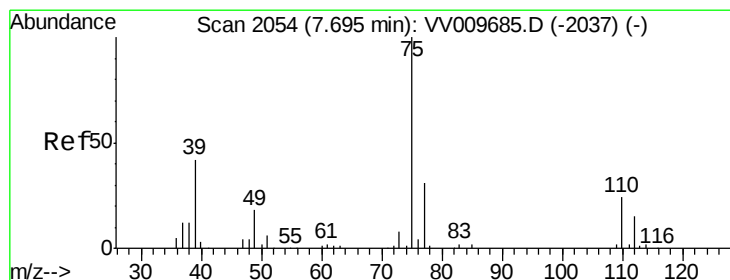
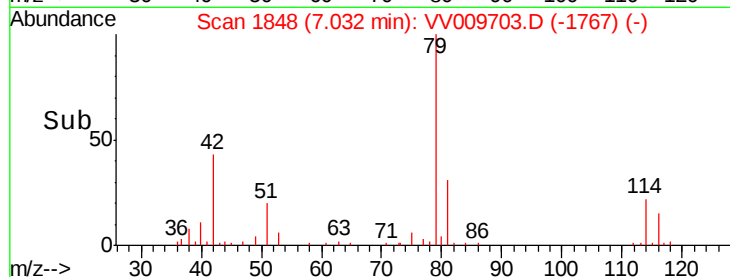
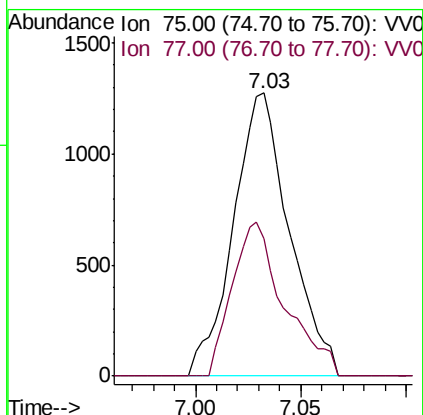
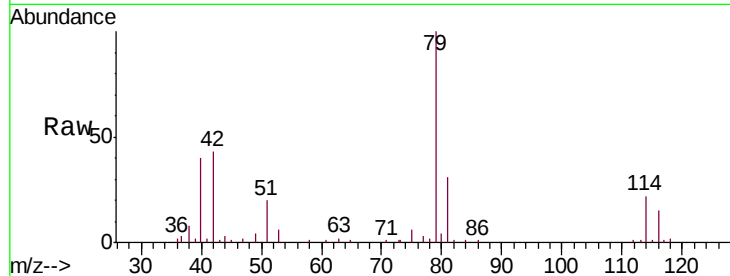




#39
 cis-1,3-Dichloropropene
 Concen: 1.369 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

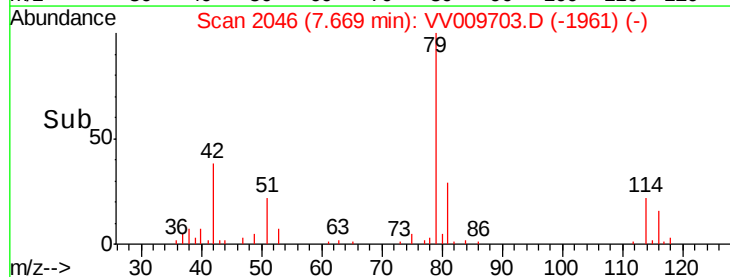
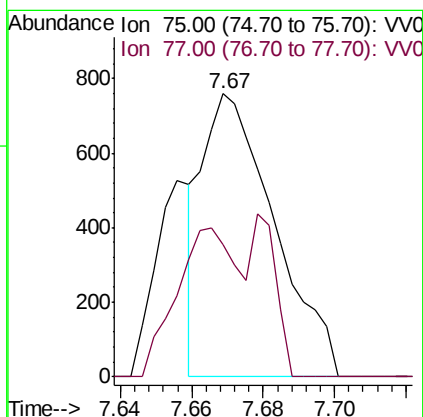
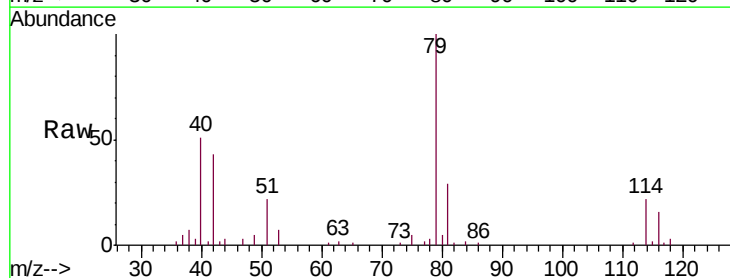
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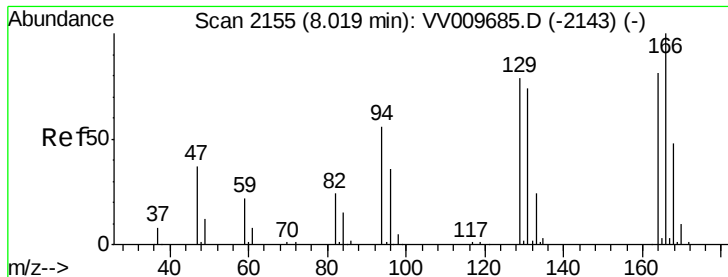
Tgt Ion: 75 Resp: 2354
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.656 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

Tgt Ion: 75 Resp: 1059
 Ion Ratio Lower Upper
 75 100
 77 46.8 21.6 40.2#





#46

Tetrachloroethene

Concen: 1.627 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009703.D

Acq: 15 Mar 2019 22:22

Instrument :

MSVOA_V

ClientSampleId :

BF0Y3ME

Tgt Ion:164 Resp: 1445

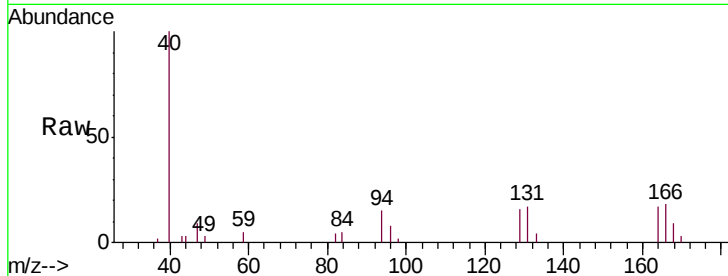
Ion Ratio Lower Upper

164 100

129 96.1 70.8 131.6

131 102.4 68.3 126.9

166 108.0 89.5 166.3



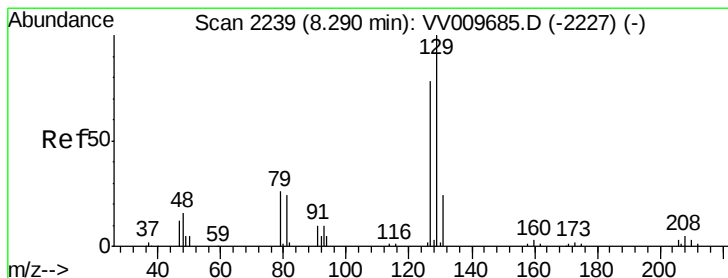
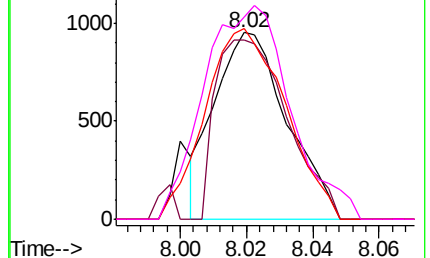
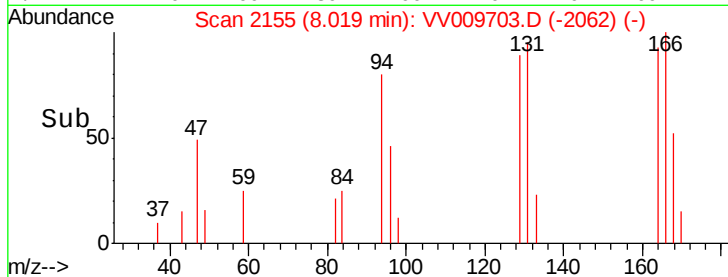
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->



#49

Dibromochloromethane

Concen: 1.125 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009703.D

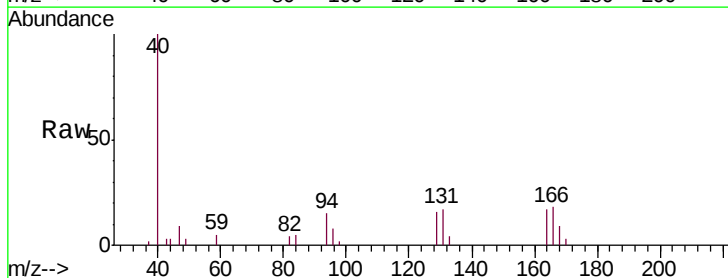
Acq: 15 Mar 2019 22:22

Tgt Ion:129 Resp: 1393

Ion Ratio Lower Upper

129 100

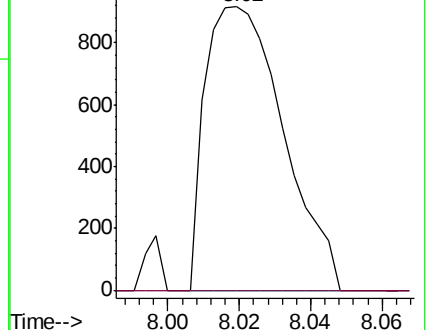
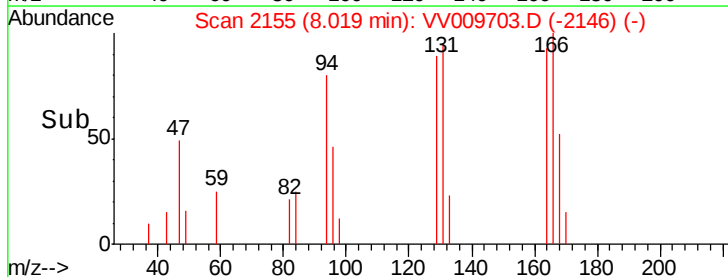
127 0.0 53.3 99.1#

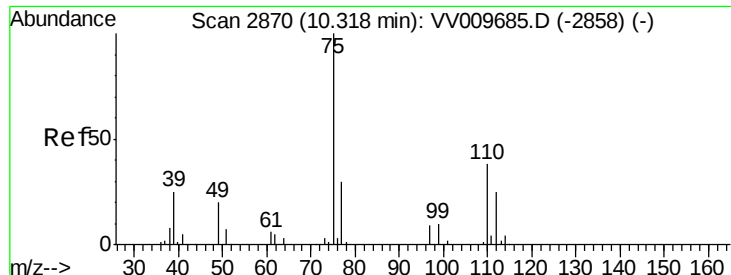


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 6.964 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009703.D
 Acq: 15 Mar 2019 22:22

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y3ME

Tgt Ion: 75 Resp: 10184
 Ion Ratio Lower Upper
 75 100
 77 40.0 26.6 40.0#

