

Data File : VV009613.D
Acq On : 12 Mar 2019 19:04
Operator : SY/MD
Sample : K1789-18
Misc : 5.66g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q1

Quant Time: Mar 13 02:23:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59503	41.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.46%
7) Chloroethane-d5	1.55	69	37865	25.51	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.02%#
11) 1,1-Dichloroethene-d2	2.10	63	131048	34.84	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	3.94	46	101380	96.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	4.40	84	141232	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.08	65	99009	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.09	84	297705	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.12	67	90328	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.36	98	289090	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.67	79	45043	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.14	63	84119	104.34	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	144647	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.68	152	112204	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds

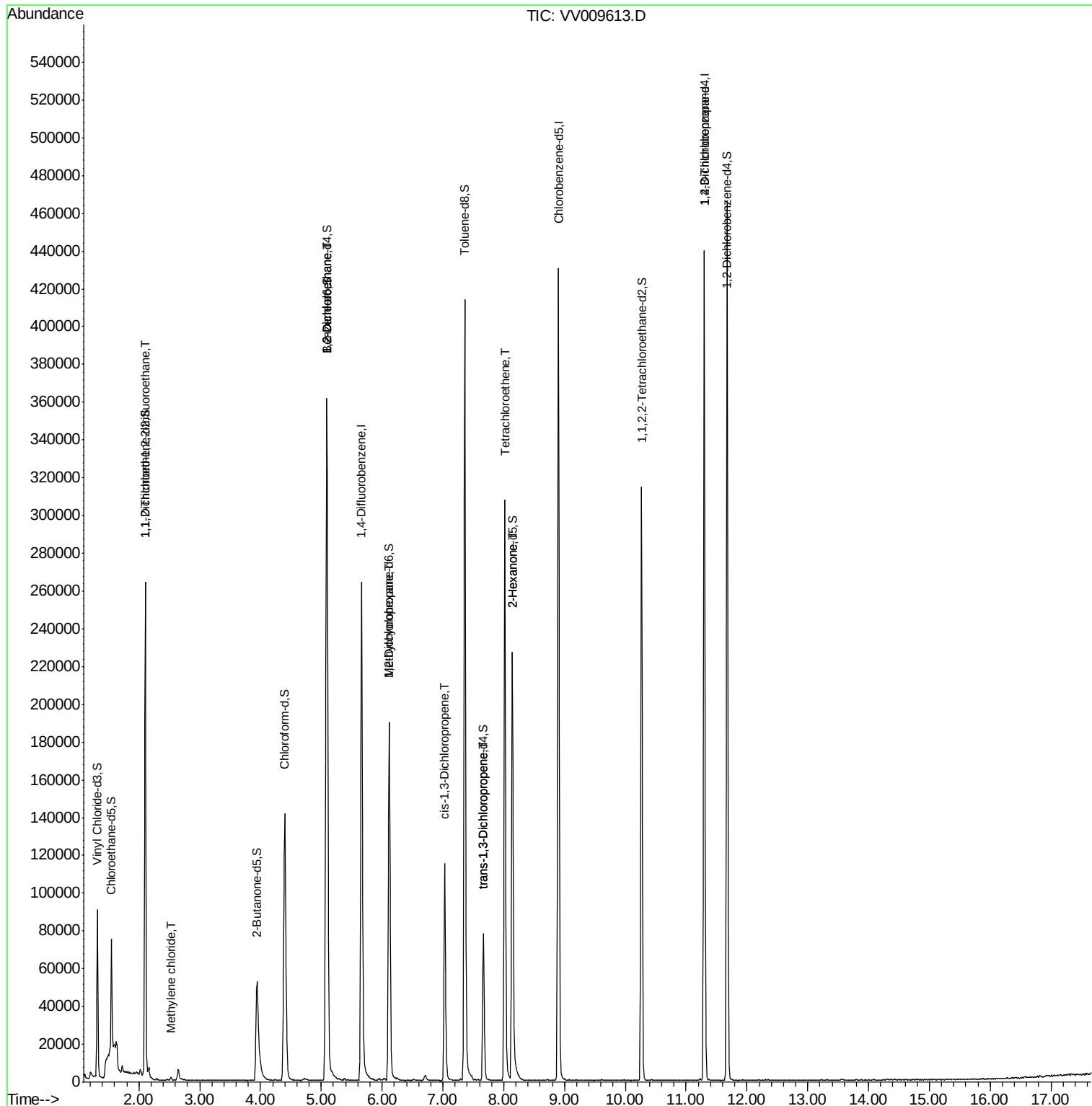
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1149	0.630 ug/L #	19
16) Methylene chloride	2.53	84	553	0.364 ug/L	100
27) 1,2-Dichloroethane	5.10	62	1878	0.813 ug/L #	78
35) Methylcyclohexane	6.12	83	22336	8.694 ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	3658	1.513 ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	2945	1.298 ug/L	98
46) Tetrachloroethene	8.02	164	63769	51.076 ug/L	98
48) 2-Hexanone	8.14	43	10154	6.251 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	15698	7.634 ug/L	90

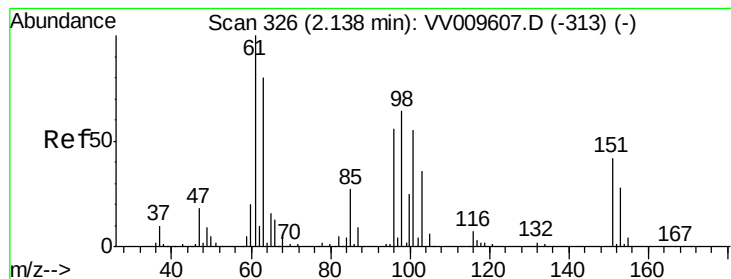
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009613.D
Acq On : 12 Mar 2019 19:04
Operator : SY/MD
Sample : K1789-18
Misc : 5.66g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q1

Quant Time: Mar 13 02:23:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration





#10

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

Concen: 0.630 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.03 min

Lab File: VV009613.D

Acq: 12 Mar 2019 19:04

Instrument :

MSVOA_V

ClientSampleId :

BF0Q1

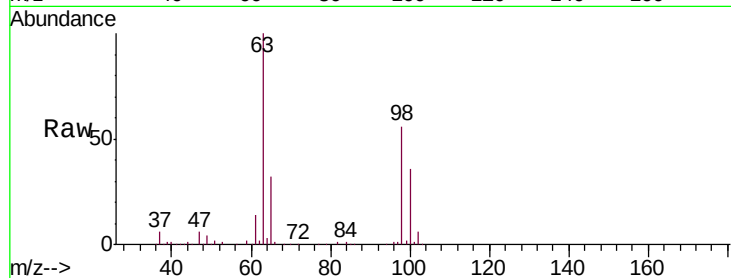
Tgt Ion: 101 Resp: 1149

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

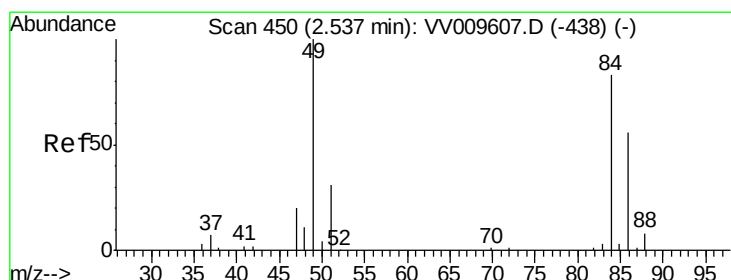
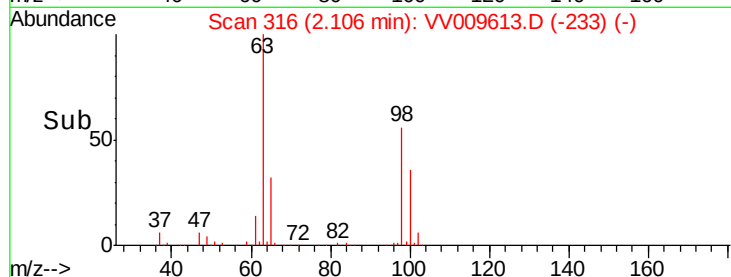
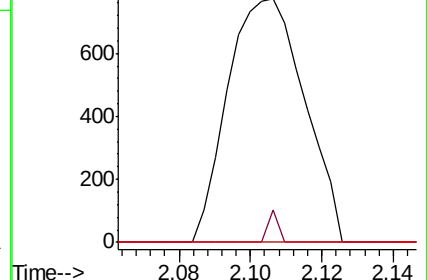
151 0.0 59.6 89.4#



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



#16

Methylene chloride

Concen: 0.364 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009613.D

Acq: 12 Mar 2019 19:04

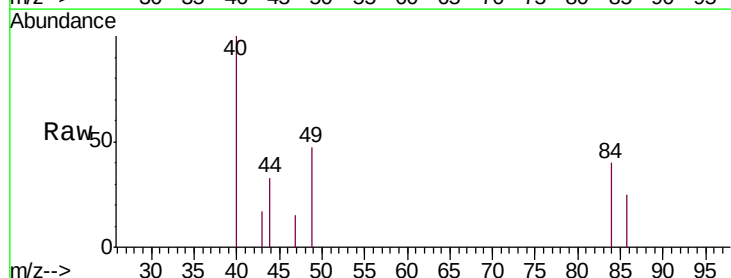
Tgt Ion: 84 Resp: 553

Ion Ratio Lower Upper

84 100

86 62.5 44.0 81.6

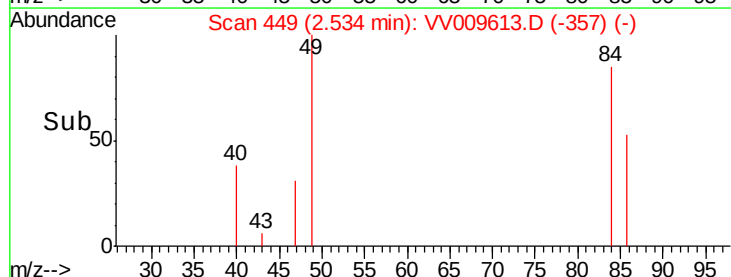
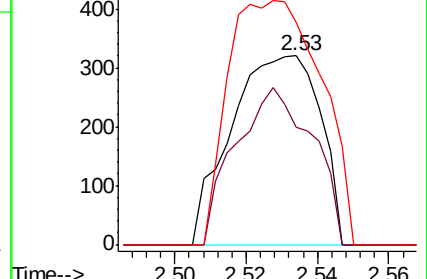
49 117.8 82.0 152.4

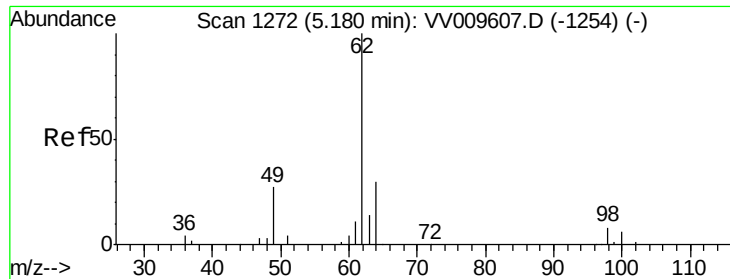


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

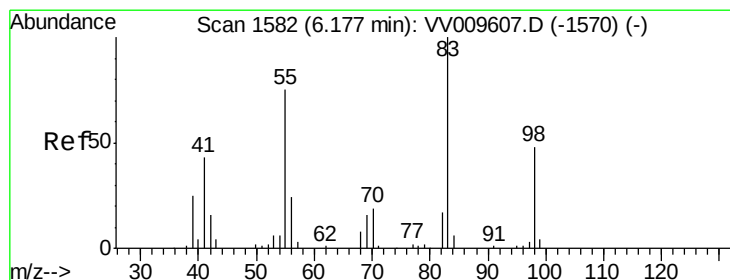
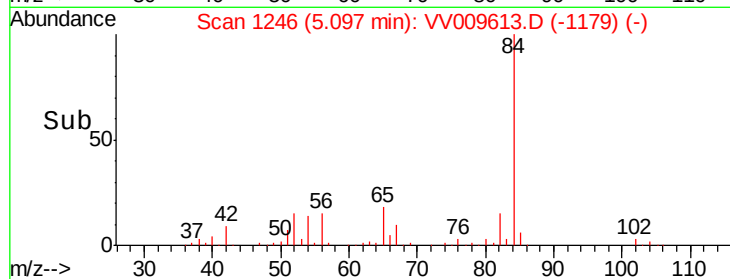
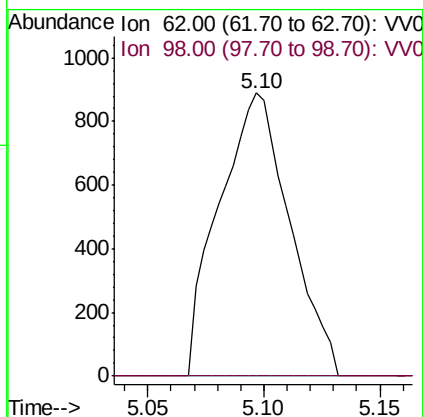
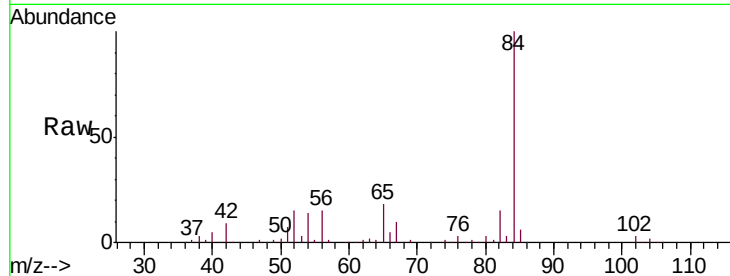




#27
 1,2-Dichloroethane
 Concen: 0.813 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009613.D
 Acq: 12 Mar 2019 19:04

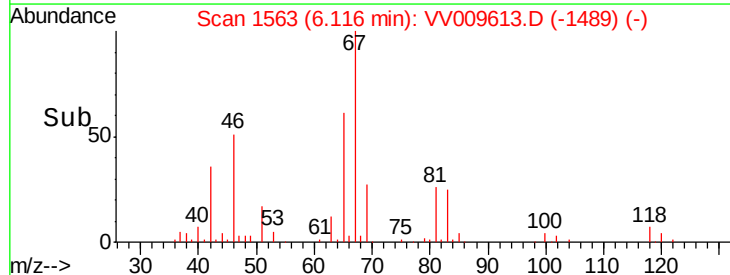
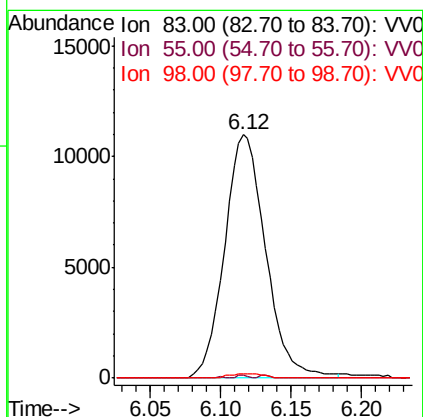
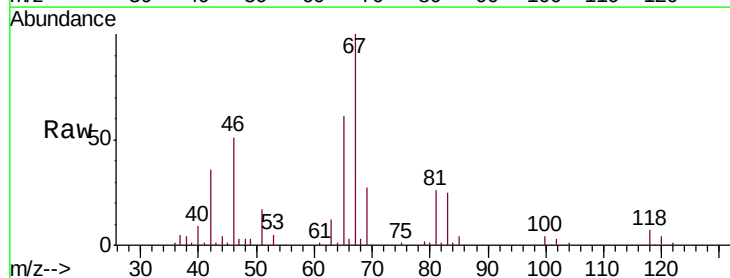
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q1

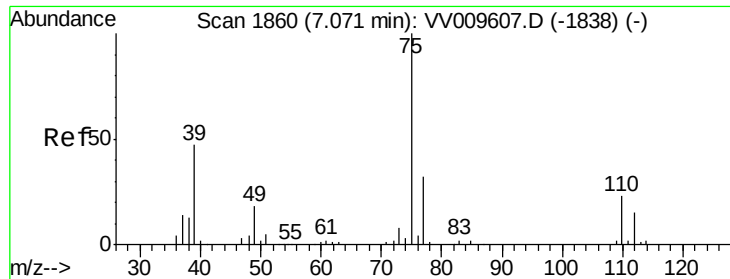
Tgt Ion: 62 Resp: 1878
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#35
 Methylcyclohexane
 Concen: 8.694 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV009613.D
 Acq: 12 Mar 2019 19:04

Tgt Ion: 83 Resp: 22336
 Ion Ratio Lower Upper
 83 100
 55 0.3 57.9 86.9#
 98 1.2 39.2 58.8#

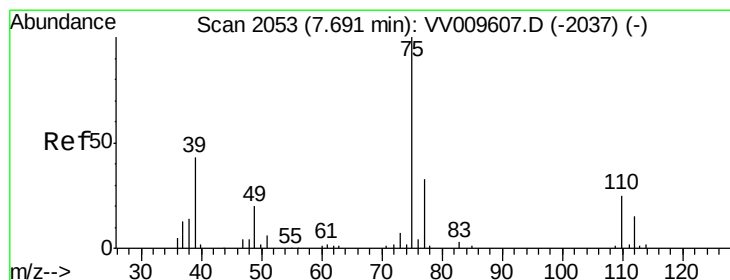
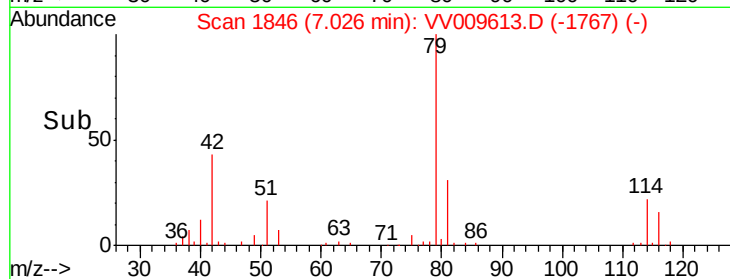
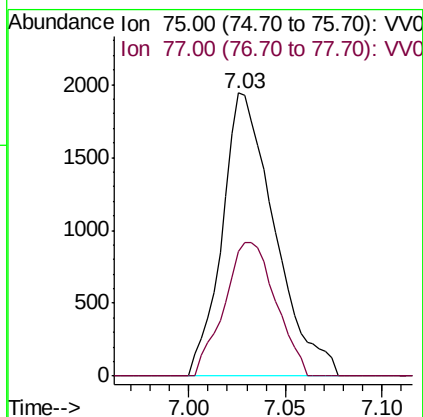
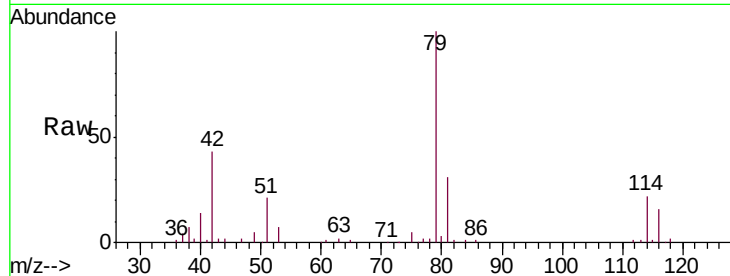




#39
 cis-1,3-Dichloropropene
 Concen: 1.513 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009613.D
 Acq: 12 Mar 2019 19:04

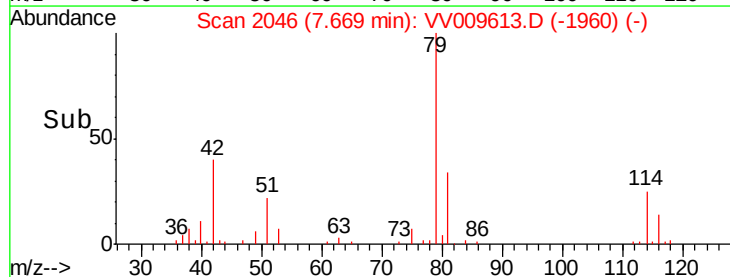
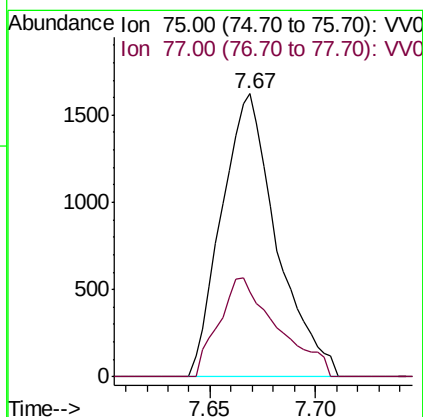
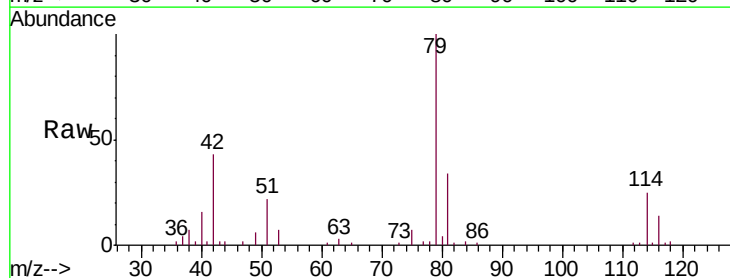
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q1

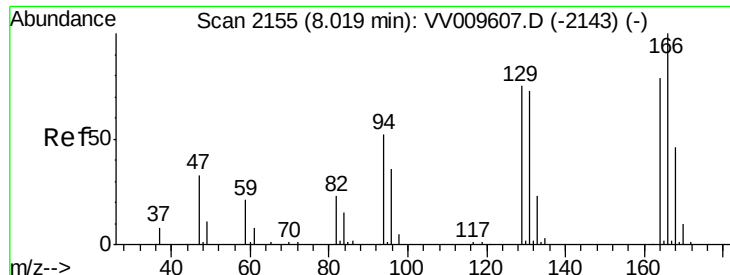
Tgt Ion: 75 Resp: 3658
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 1.298 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VV009613.D
 Acq: 12 Mar 2019 19:04

Tgt Ion: 75 Resp: 2945
 Ion Ratio Lower Upper
 75 100
 77 30.0 21.6 40.2

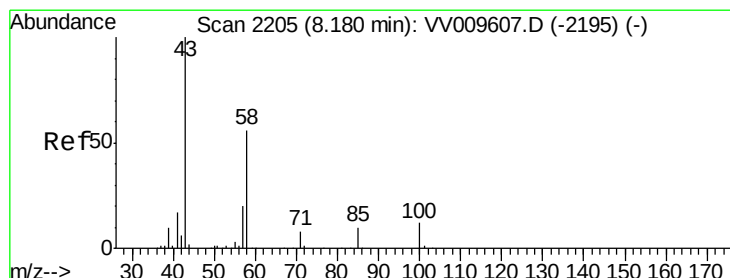
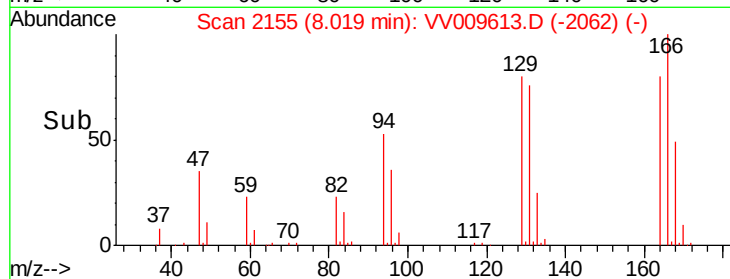
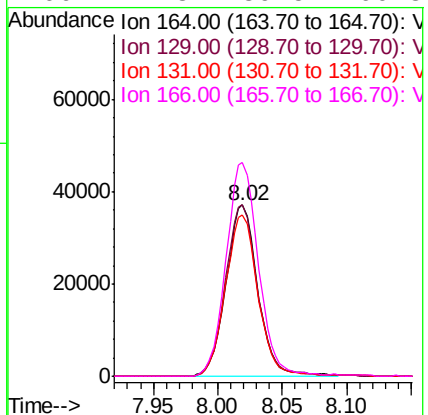
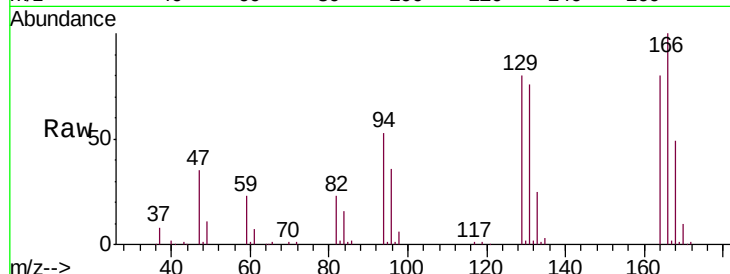




#46
Tetrachloroethene
Concen: 51.076 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009613.D
Acq: 12 Mar 2019 19:04

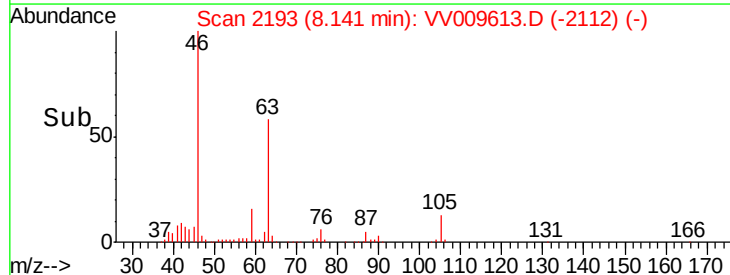
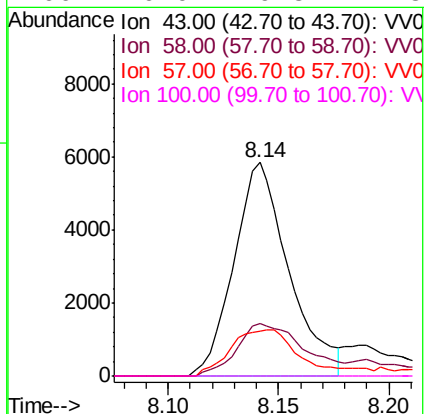
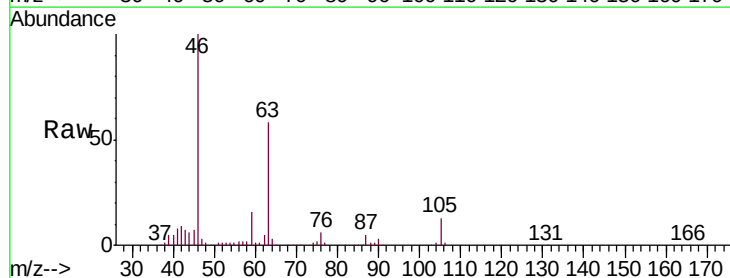
Instrument :
MSVOA_V
ClientSampleId :
BF0Q1

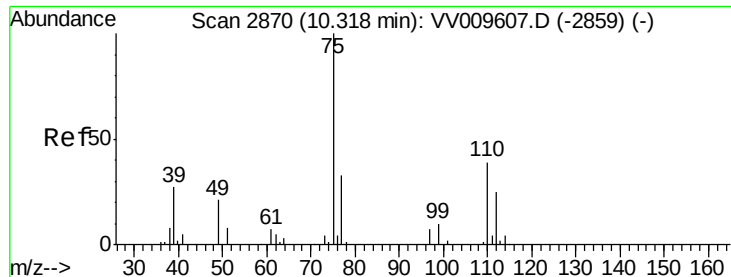
Tgt Ion:164 Resp: 63769
Ion Ratio Lower Upper
164 100
129 100.1 70.8 131.6
131 94.5 68.3 126.9
166 124.8 89.5 166.3



#48
2-Hexanone
Concen: 6.251 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV009613.D
Acq: 12 Mar 2019 19:04

Tgt Ion: 43 Resp: 10154
Ion Ratio Lower Upper
43 100
58 30.2 45.8 68.8#
57 26.9 14.5 21.7#
100 0.0 9.8 14.8#





#59

1,2,3-Trichloropropane

Concen: 7.634 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009613.D

Acq: 12 Mar 2019 19:04

Instrument :

MSVOA_V

ClientSampleId :

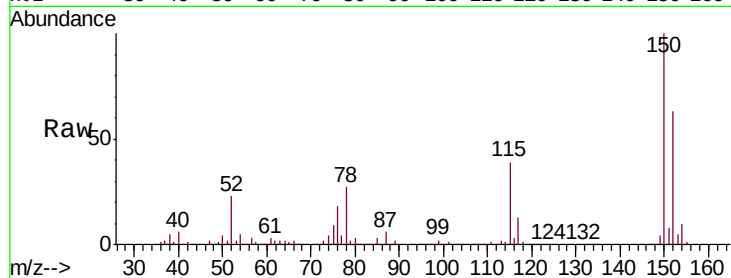
BF0Q1

Tgt Ion: 75 Resp: 15698

Ion Ratio Lower Upper

75 100

77 38.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

