

Data File : VV009625.D
Acq On : 12 Mar 2019 23:48
Operator : SY/MD
Sample : K1838-07ME
Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2L4ME

Quant Time: Mar 13 02:25:25 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	169747	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39859	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.36%
7) Chloroethane-d5	1.55	69	23640	22.61	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.22%#
11) 1,1-Dichloroethene-d2	2.10	63	90946	34.31	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.95	46	70464	94.91	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.91%
24) Chloroform-d	4.40	84	98121	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.08	65	69279	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.09	84	205582	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.12	67	62462	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.36	98	197595	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.67	79	29517	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.14	63	56810	99.07	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.07%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95821	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	74829	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

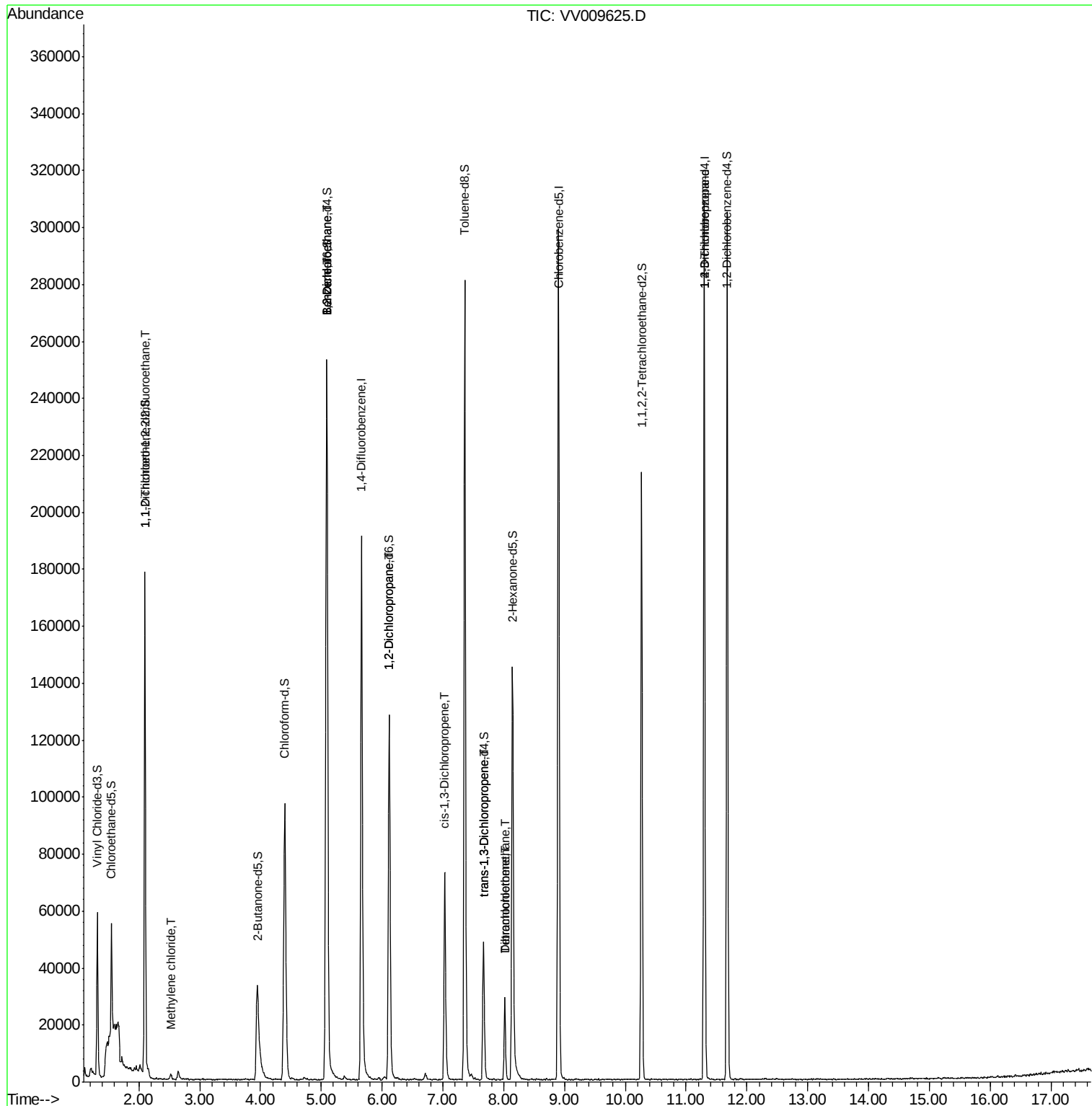
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	748	0.582 ug/L #	19
16) Methylene chloride	2.52	84	711	0.664 ug/L	89
27) 1,2-Dichloroethane	5.09	62	806	0.495 ug/L #	78
33) Benzene	5.09	78	1613	0.381 ug/L	100
37) 1,2-Dichloropropane	6.12	63	7434	6.892 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2557	1.487 ug/L #	58
44) trans-1,3-Dichloropropene	7.67	75	1748	1.083 ug/L	96
46) Tetrachloroethene	8.02	164	6009	6.767 ug/L	91
49) Dibromochloromethane	8.02	129	5894	4.760 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10795	7.381 ug/L	92

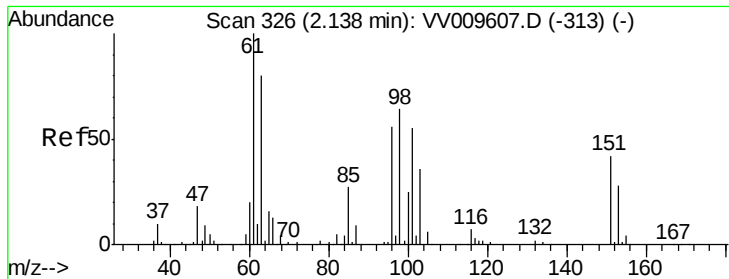
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.582 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009625.D

Acq: 12 Mar 2019 23:48

Instrument :

MSVOA_V

ClientSampleId :

BF2L4ME

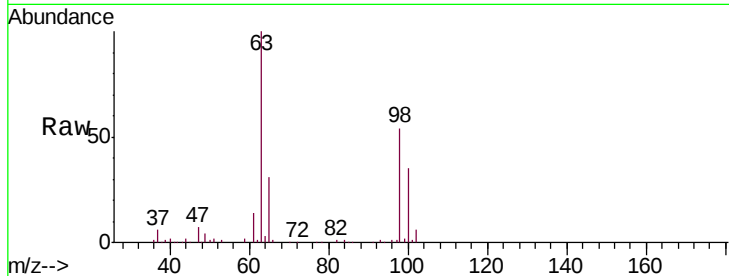
Tgt Ion: 101 Resp: 748

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

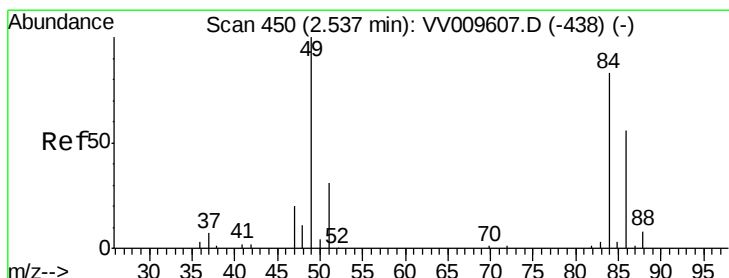
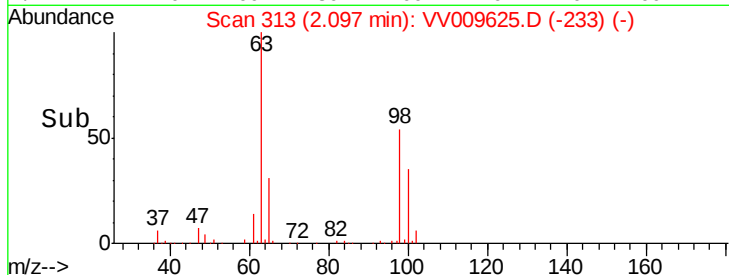
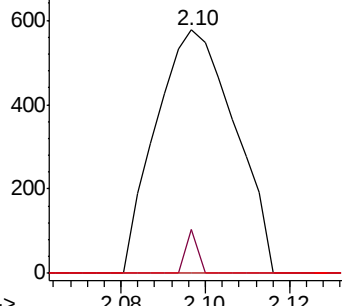
151 0.0 59.6 89.4#



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: 0.664 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.02 min

Lab File: VV009625.D

Acq: 12 Mar 2019 23:48

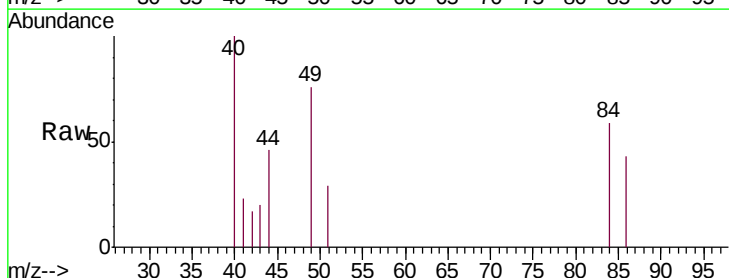
Tgt Ion: 84 Resp: 711

Ion Ratio Lower Upper

84 100

86 71.9 44.0 81.6

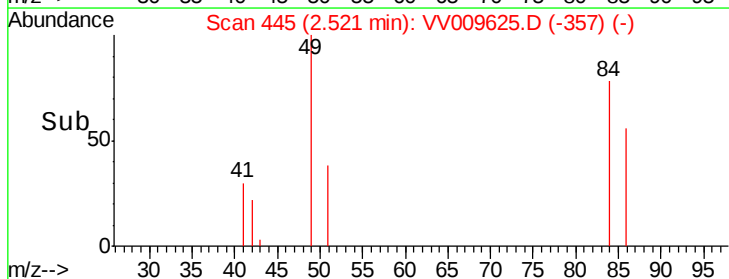
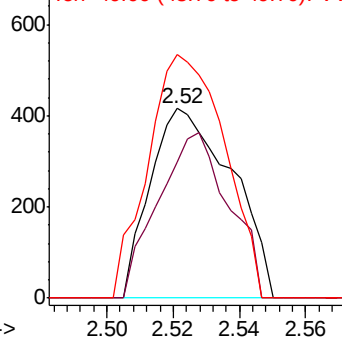
49 128.4 82.0 152.4

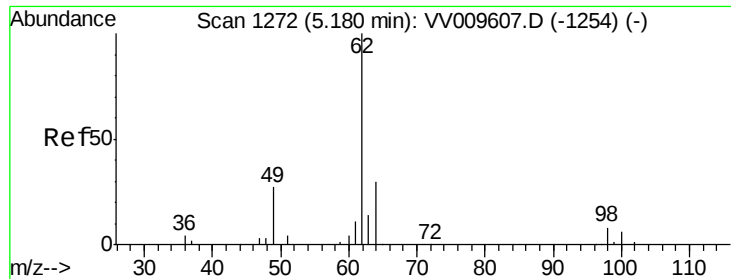


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

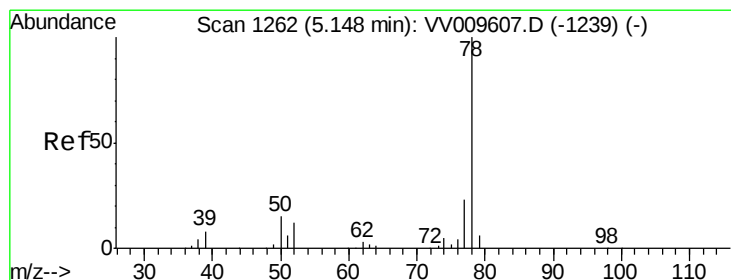
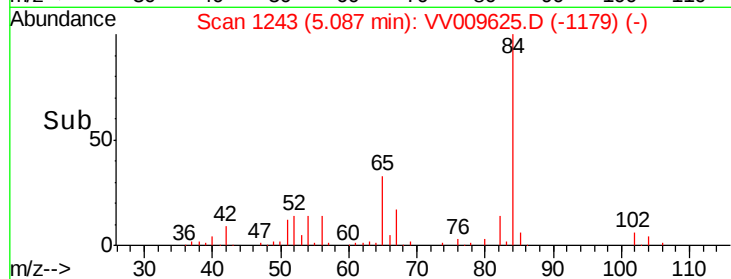
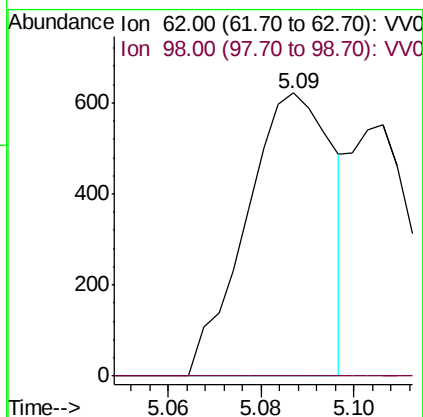
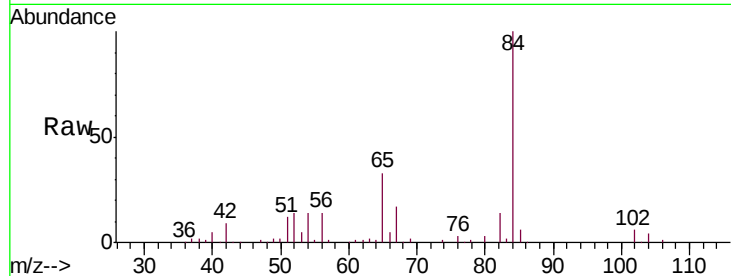




#27
 1,2-Dichloroethane
 Concen: 0.495 ug/L
 RT: 5.09 min Scan# 1243
 Delta R.T. -0.09 min
 Lab File: VV009625.D
 Acq: 12 Mar 2019 23:48

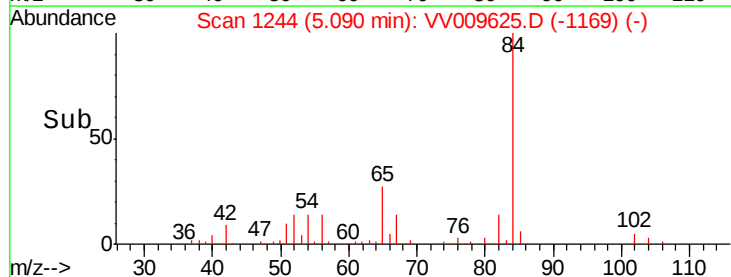
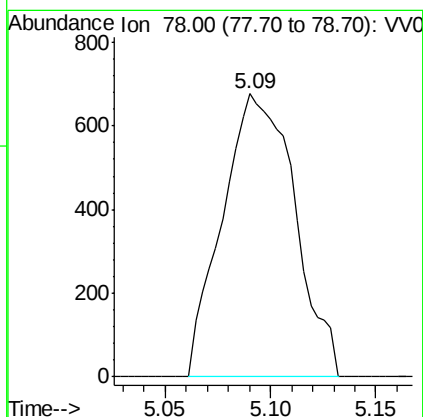
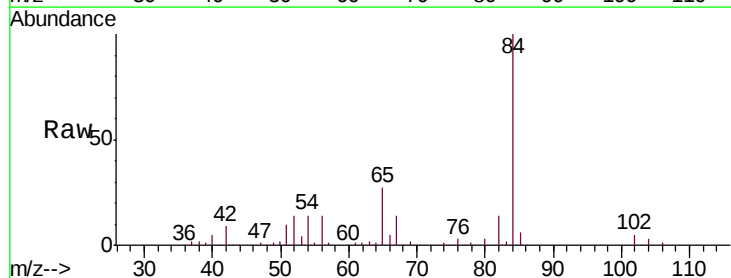
Instrument :
 MSVOA_V
 ClientSampleId :
 BF2L4ME

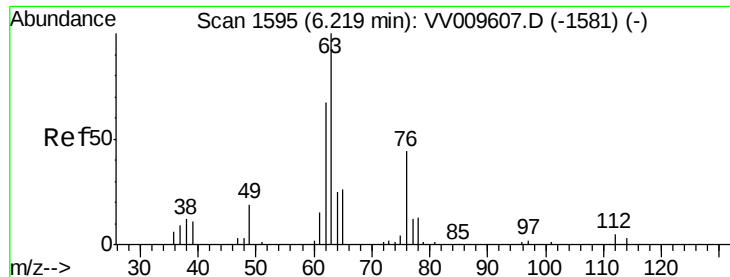
Tgt Ion: 62 Resp: 806
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#33
 Benzene
 Concen: 0.381 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.06 min
 Lab File: VV009625.D
 Acq: 12 Mar 2019 23:48

Tgt Ion: 78 Resp: 1613

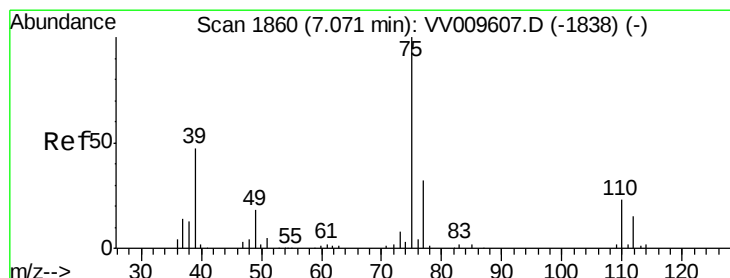
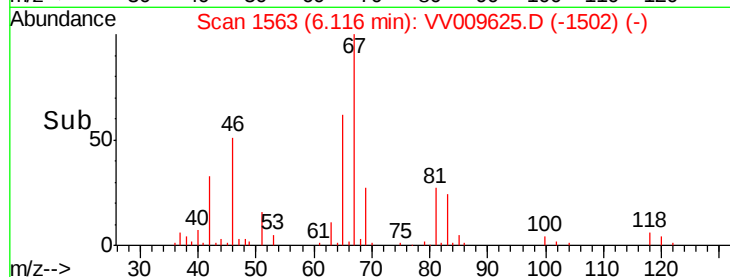
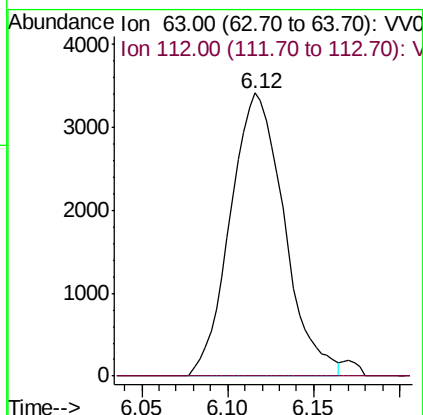
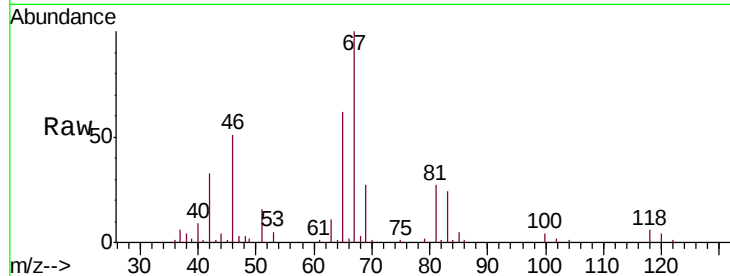




#37
 1,2-Dichloropropane
 Concen: 6.892 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009625.D
 Acq: 12 Mar 2019 23:48

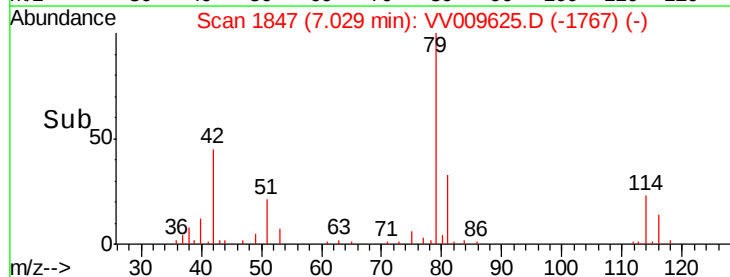
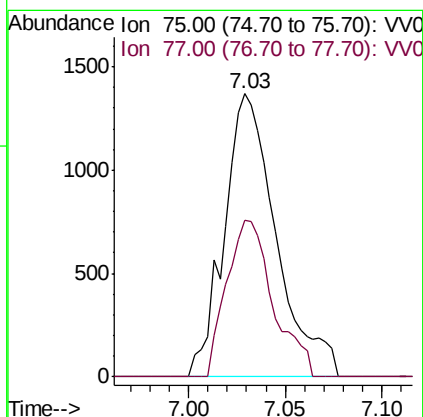
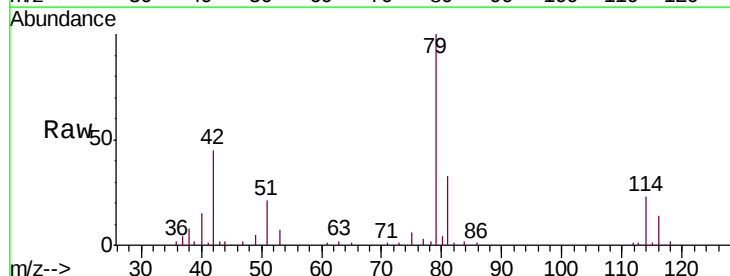
Instrument :
 MSVOA_V
 ClientSampleId :
 BF2L4ME

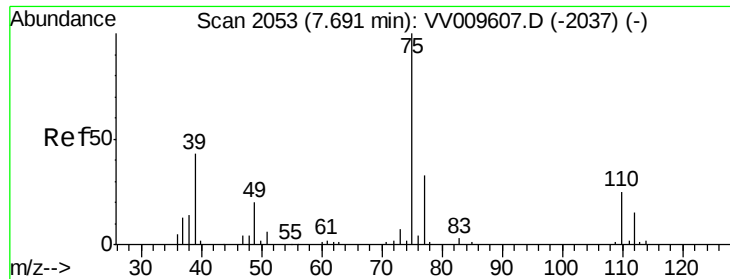
Tgt Ion: 63 Resp: 7434
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.487 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009625.D
 Acq: 12 Mar 2019 23:48

Tgt Ion: 75 Resp: 2557
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.3 41.5#

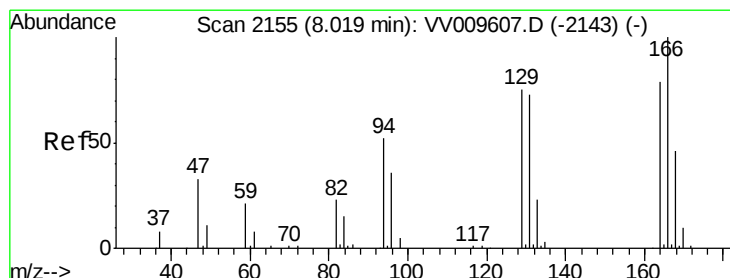
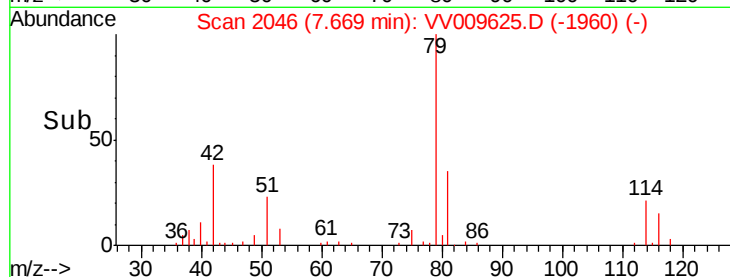
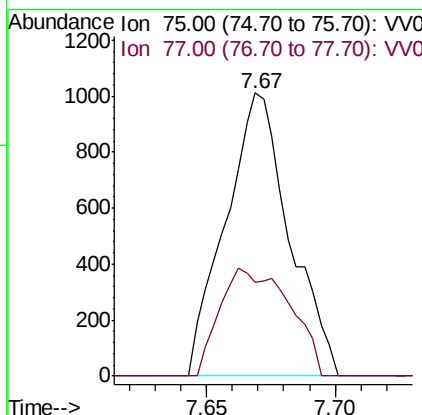
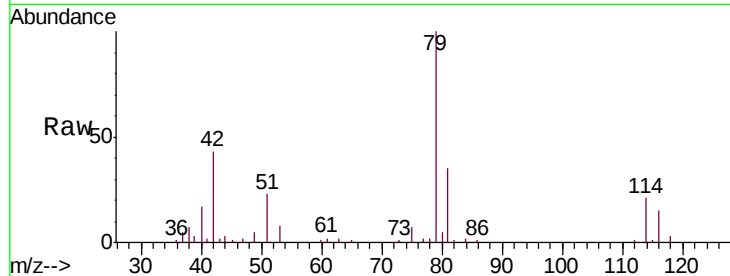




#44
trans-1,3-Dichloropropene
Concen: 1.083 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009625.D
Acq: 12 Mar 2019 23:48

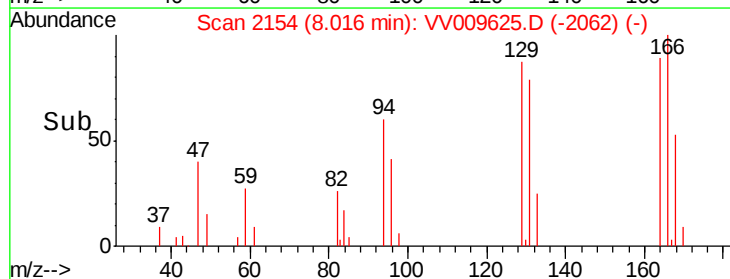
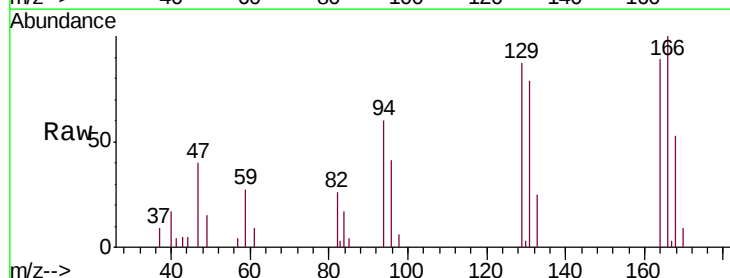
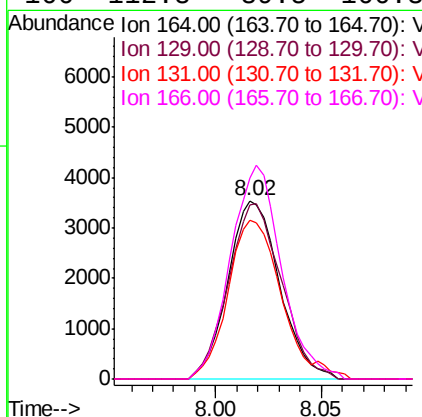
Instrument :
MSVOA_V
ClientSampleId :
BF2L4ME

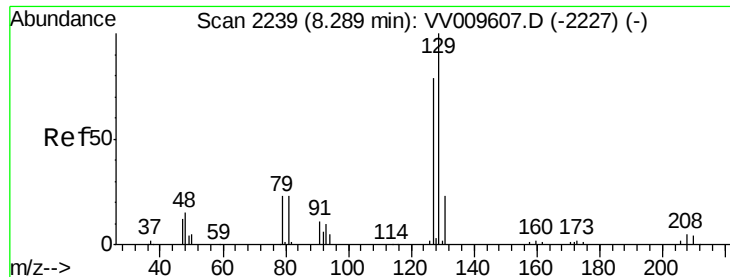
Tgt Ion: 75 Resp: 1748
Ion Ratio Lower Upper
75 100
77 33.1 21.6 40.2



#46
Tetrachloroethene
Concen: 6.767 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009625.D
Acq: 12 Mar 2019 23:48

Tgt Ion: 164 Resp: 6009
Ion Ratio Lower Upper
164 100
129 97.7 70.8 131.6
131 89.2 68.3 126.9
166 112.8 89.5 166.3





#49

Dibromochloromethane

Concen: 4.760 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009625.D

Acq: 12 Mar 2019 23:48

Instrument :

MSVOA_V

ClientSampled :

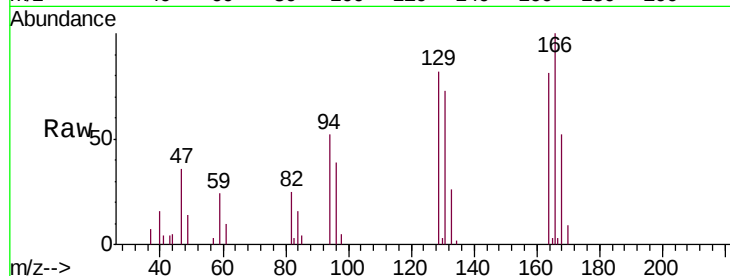
BF2L4ME

Tgt Ion:129 Resp: 5894

Ion Ratio Lower Upper

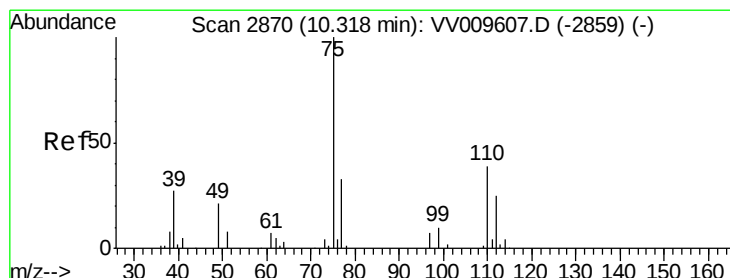
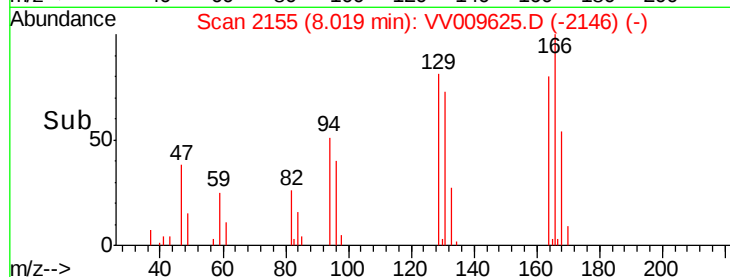
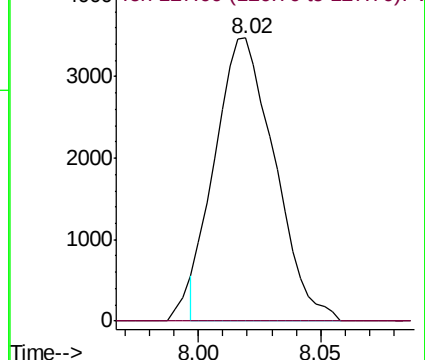
129 100

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



#59

1,2,3-Trichloropropane

Concen: 7.381 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009625.D

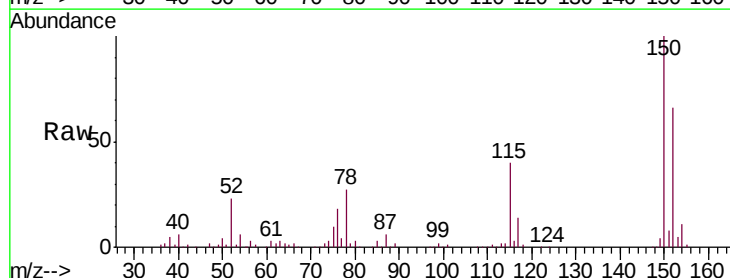
Acq: 12 Mar 2019 23:48

Tgt Ion: 75 Resp: 10795

Ion Ratio Lower Upper

75 100

77 38.0 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

