

Data File : VV009618.D
Acq On : 12 Mar 2019 21:02
Operator : SY/MD
Sample : K1818-04ME
Misc : 5.59g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2K9ME

Quant Time: Mar 13 02:24:16 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	165555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164896	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41585	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.55	69	24519	24.04	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.08%#
11) 1,1-Dichloroethene-d2	2.10	63	92483	35.78	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	3.94	46	69432	95.89	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.89%
24) Chloroform-d	4.40	84	98002	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
26) 1,2-Dichloroethane-d4	5.08	65	67720	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.09	84	201653	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.12	67	62705	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.36	98	197107	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.67	79	29386	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.14	63	55806	99.52	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	96124	46.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	75436	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

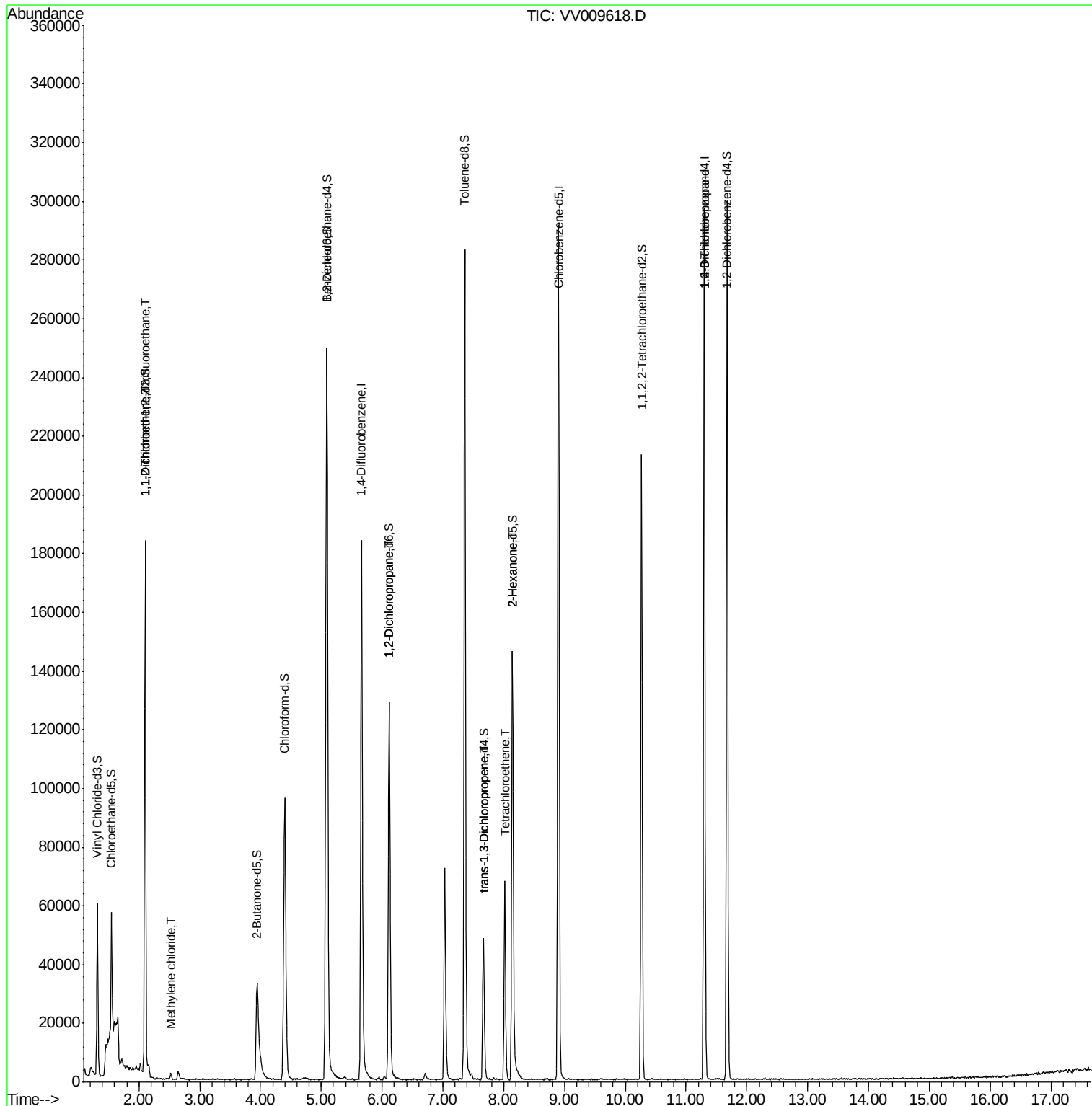
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	791	0.631	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	809	0.754	ug/L #	1
16) Methylene chloride	2.52	84	590	0.565	ug/L	85
37) 1,2-Dichloropropane	6.11	63	7224	6.848	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1751	1.109	ug/L	99
46) Tetrachloroethene	8.02	164	14450	16.640	ug/L	95
48) 2-Hexanone	8.14	43	7148	6.327	ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	10476	7.325	ug/L	92

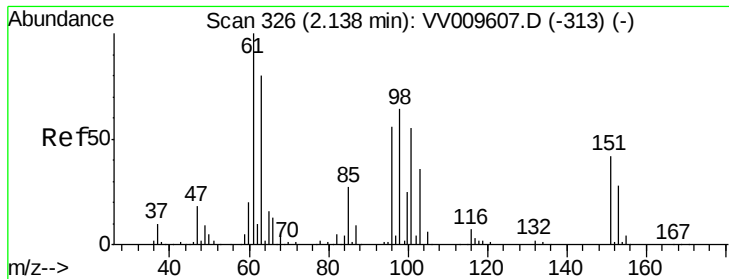
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.631 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

Instrument :

MSVOA_V

ClientSampleId :

BF2K9ME

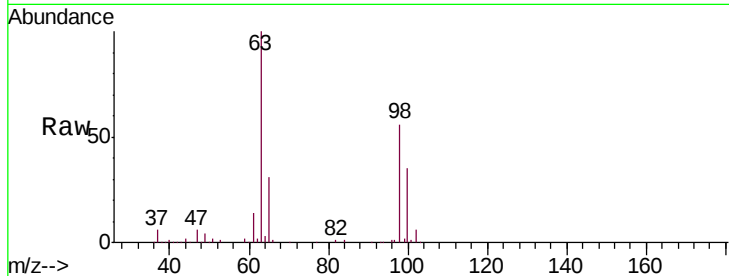
Tgt Ion: 101 Resp: 791

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

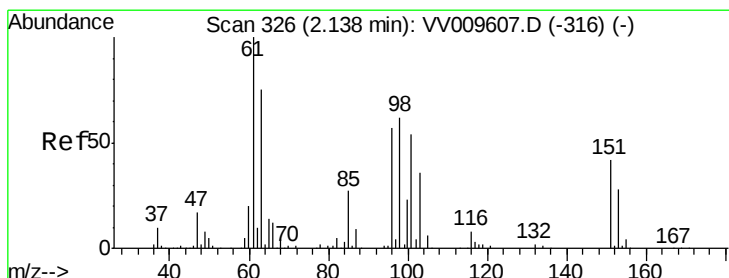
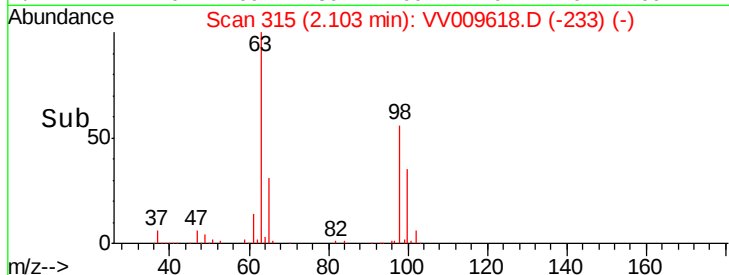
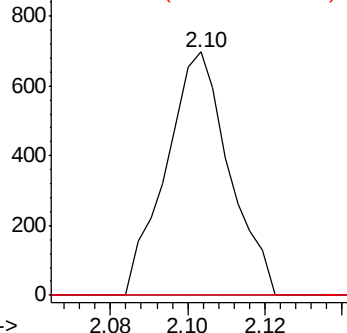
151 0.0 59.6 89.4#



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: 0.754 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

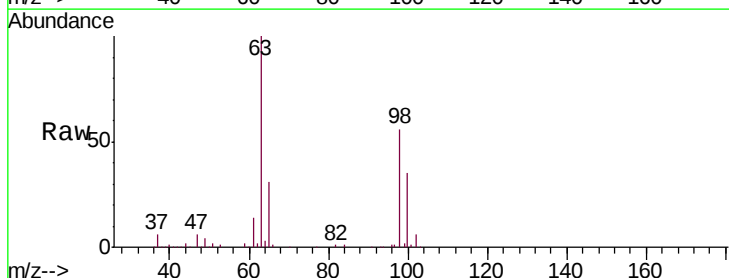
Tgt Ion: 96 Resp: 809

Ion Ratio Lower Upper

96 100

61 886.8 122.1 226.7#

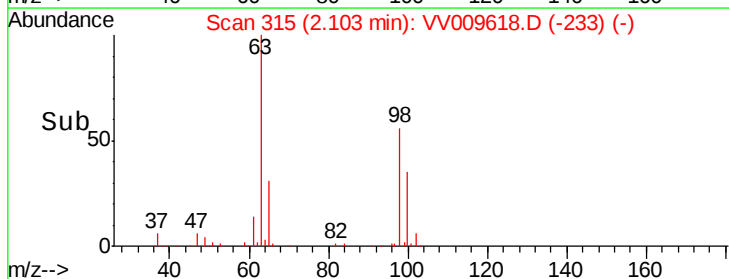
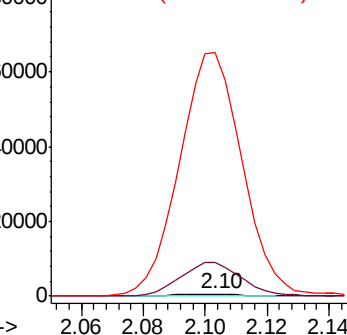
63 6431.6 107.6 199.8#

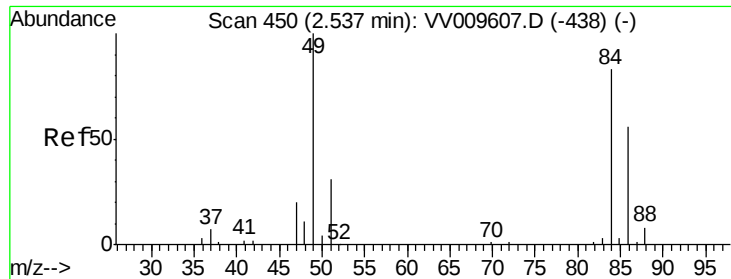


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

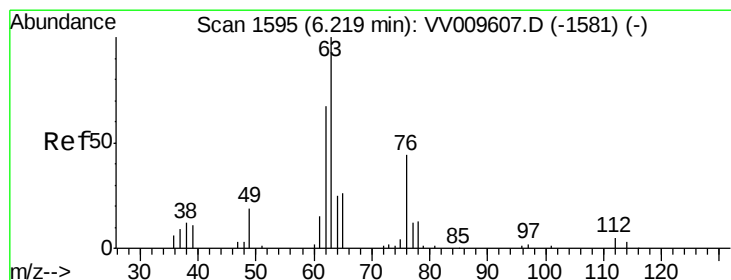
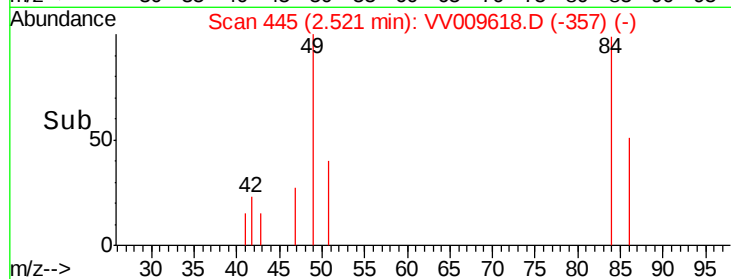
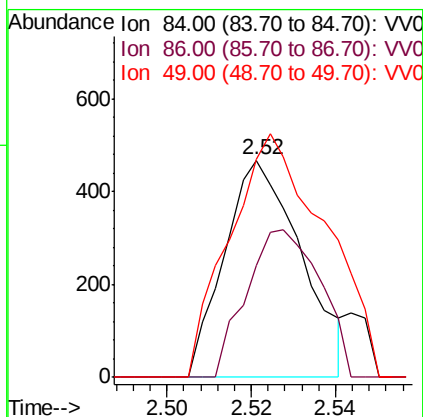
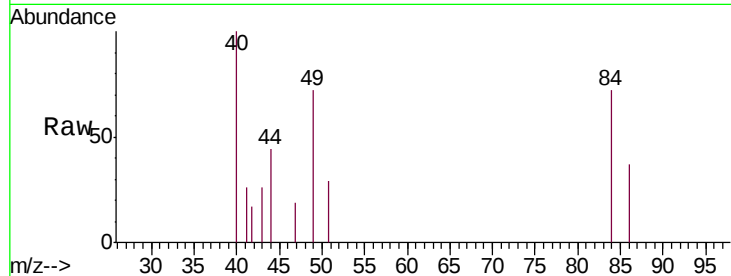




#16
Methylene chloride
Concen: 0.565 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.02 min
Lab File: VV009618.D
Acq: 12 Mar 2019 21:02

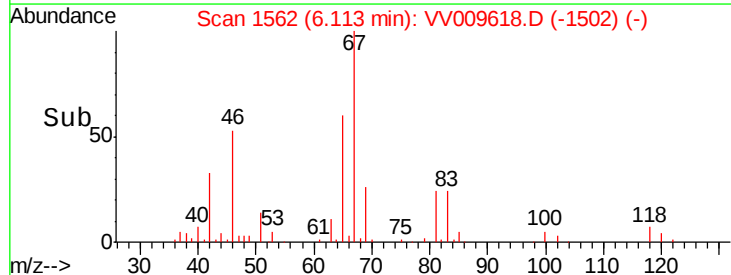
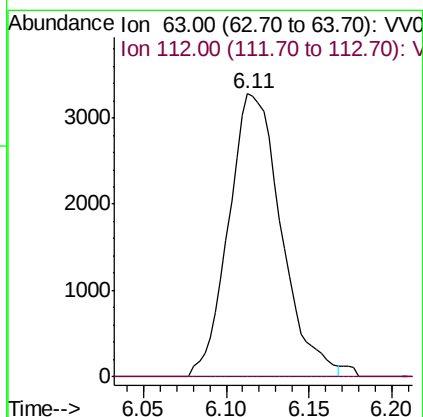
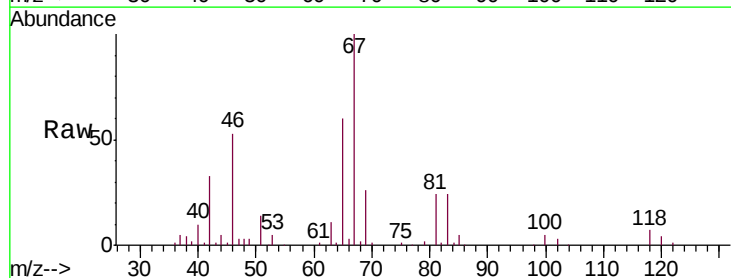
Instrument :
MSVOA_V
ClientSampleId :
BF2K9ME

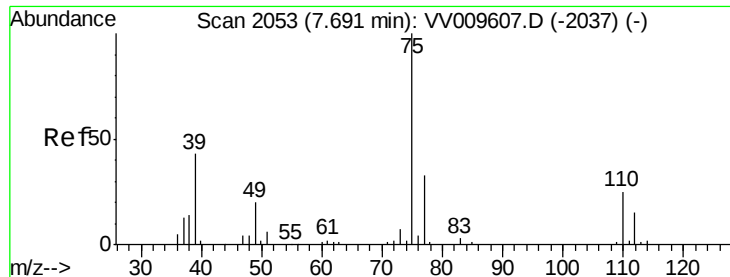
Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
86 51.7 44.0 81.6
49 100.6 82.0 152.4



#37
1,2-Dichloropropane
Concen: 6.848 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009618.D
Acq: 12 Mar 2019 21:02

Tgt Ion: 63 Resp: 7224
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#44

trans-1,3-Dichloropropene

Concen: 1.109 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

Instrument :

MSVOA_V

ClientSampleId :

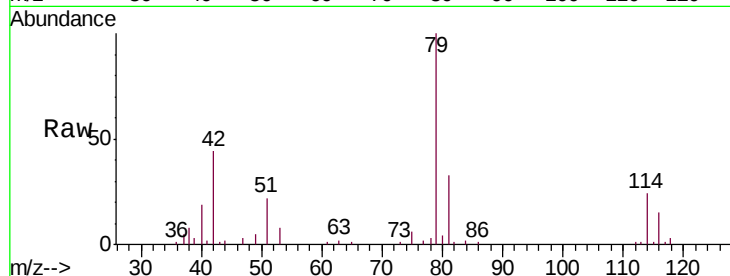
BF2K9ME

Tgt Ion: 75 Resp: 1751

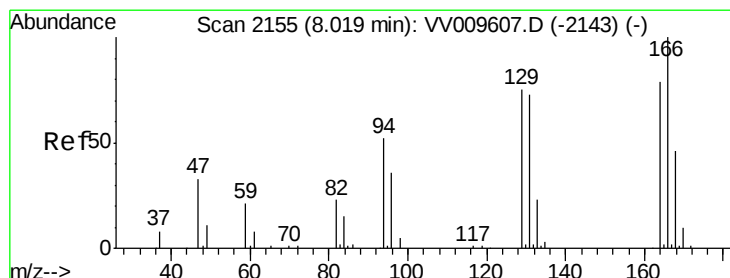
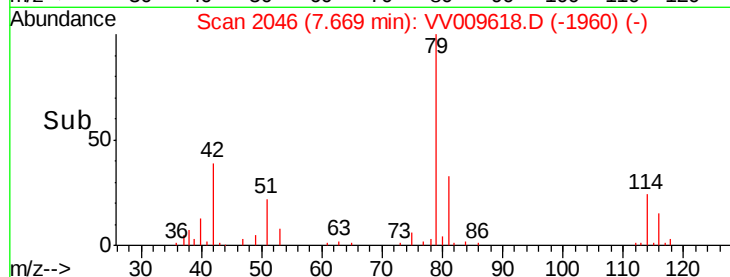
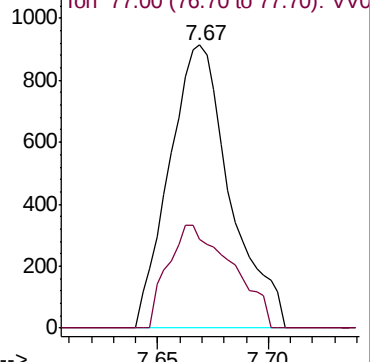
Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV009618.D (-1960) (-)



#46

Tetrachloroethene

Concen: 16.640 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

Tgt Ion: 164 Resp: 14450

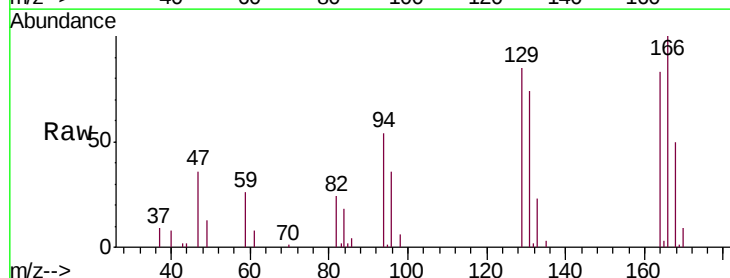
Ion Ratio Lower Upper

164 100

129 101.5 70.8 131.6

131 88.9 68.3 126.9

166 119.8 89.5 166.3

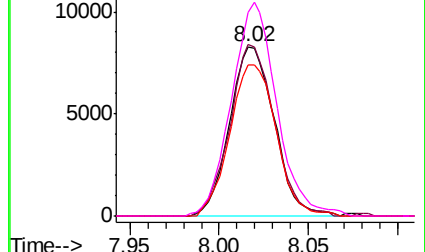
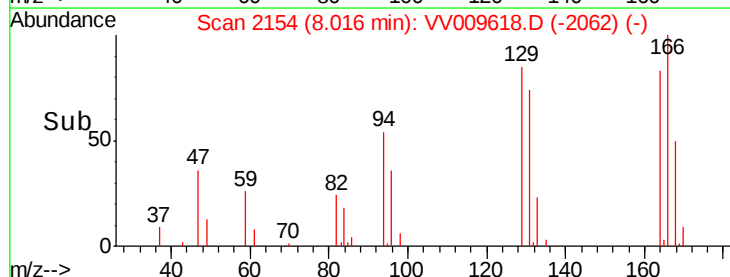


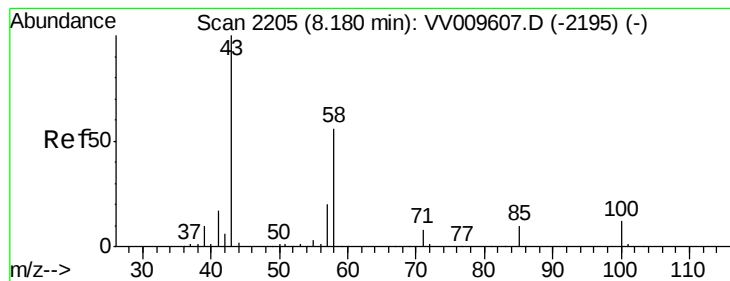
Abundance Ion 164.00 (163.70 to 164.70): VV009618.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV009618.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV009618.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV009618.D (-2062) (-)





#48

2-Hexanone

Concen: 6.327 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

Instrument :

MSVOA_V

ClientSampleId :

BF2K9ME

Tgt Ion: 43 Resp: 7148

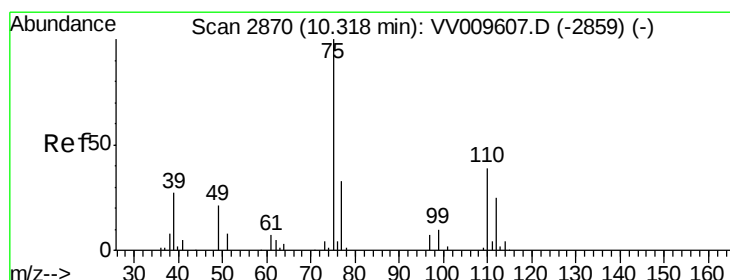
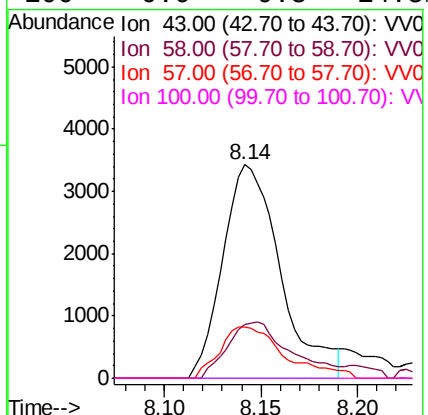
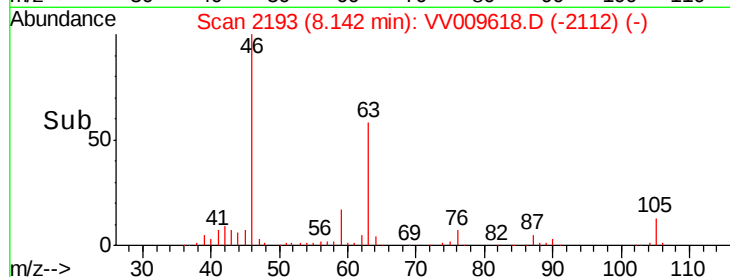
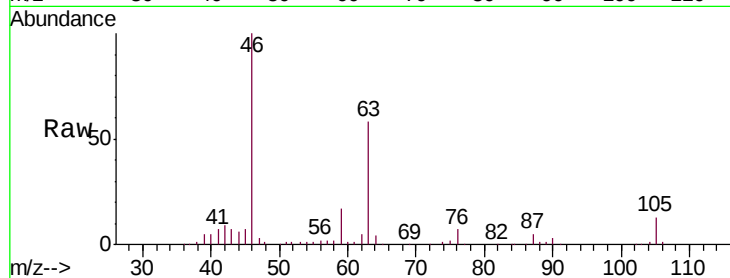
Ion Ratio Lower Upper

43 100

58 29.2 45.8 68.8#

57 23.0 14.5 21.7#

100 0.0 9.8 14.8#



#59

1,2,3-Trichloropropane

Concen: 7.325 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009618.D

Acq: 12 Mar 2019 21:02

Tgt Ion: 75 Resp: 10476

Ion Ratio Lower Upper

75 100

77 37.9 26.6 40.0

