

Data File : VV009626.D
Acq On : 13 Mar 2019 00:12
Operator : SY/MD
Sample : K1838-01
Misc : 5.24g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S2

Quant Time: Mar 13 02:25:35 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	177321	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43282	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.55	69	24911	22.81	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.62%#
11) 1,1-Dichloroethene-d2	2.10	63	91412	33.02	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	3.95	46	71087	91.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.40	84	99868	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.08	65	70926	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.09	84	209128	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
36) 1,2-Dichloropropane-d6	6.12	67	65598	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.36	98	202930	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%
43) trans-1,3-Dichloropropene-	7.67	79	31344	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.14	63	57394	96.21	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.21%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97841	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	74950	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%

Target Compounds

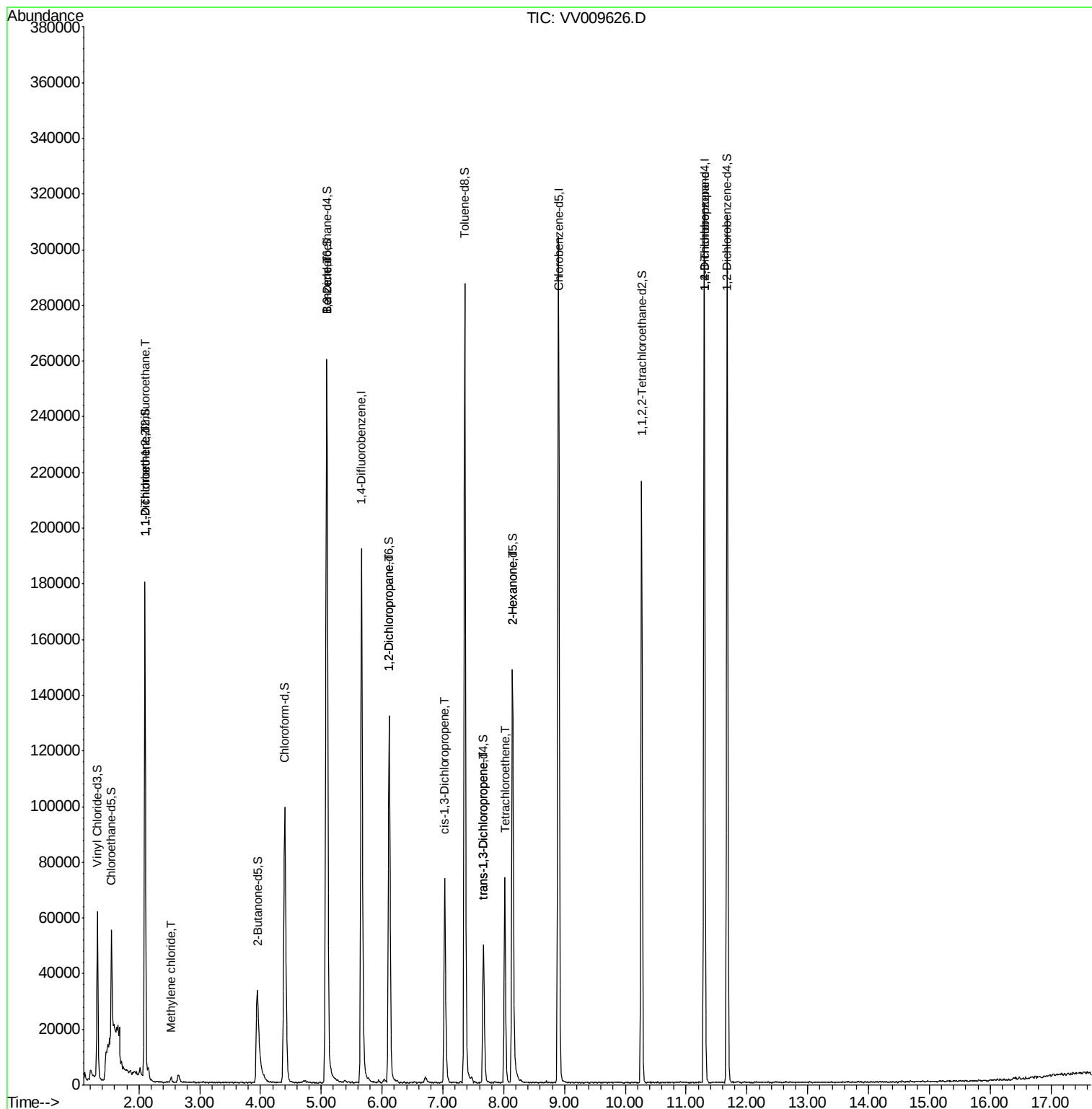
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	830	0.618	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	801	0.697	ug/L #	1
16) Methylene chloride	2.53	84	623	0.557	ug/L	79
33) Benzene	5.09	78	1735	0.394	ug/L	100
37) 1,2-Dichloropropane	6.12	63	7284	6.491	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2482	1.388	ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	987	0.588	ug/L #	82
46) Tetrachloroethene	8.02	164	14518	15.716	ug/L	96
48) 2-Hexanone	8.14	43	6709	5.582	ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	10543	6.929	ug/L #	86

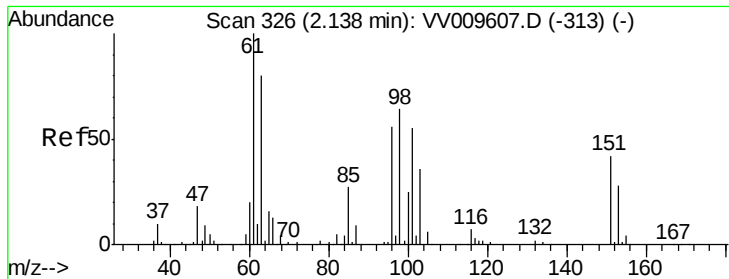
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.618 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV009626.D

Acq: 13 Mar 2019 00:12

Instrument :

MSVOA_V

ClientSampleId :

BF0S2

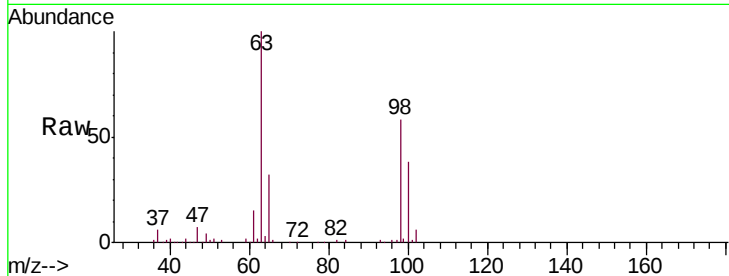
Tgt Ion:101 Resp: 830

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

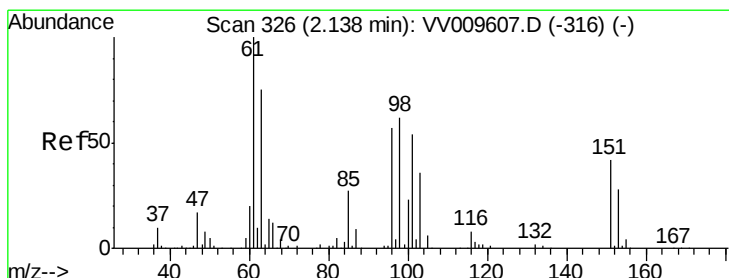
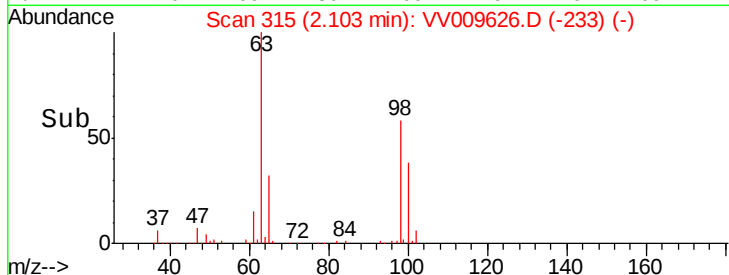
2.10

400

200

0

2.06 2.08 2.10 2.12



#12

1,1-Dichloroethene

Concen: 0.697 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009626.D

Acq: 13 Mar 2019 00:12

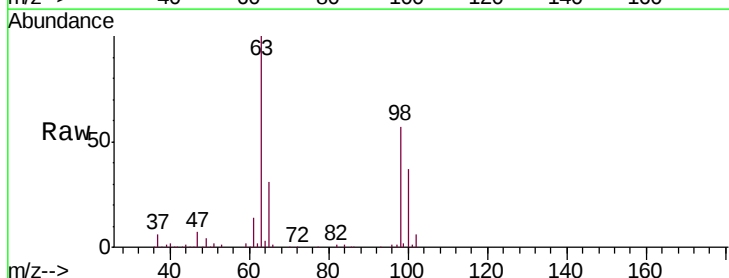
Tgt Ion: 96 Resp: 801

Ion Ratio Lower Upper

96 100

61 1612.4 122.1 226.7#

63 11506.9 107.6 199.8#



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

80000

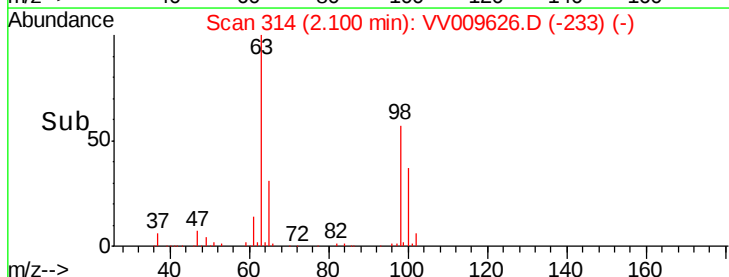
60000

40000

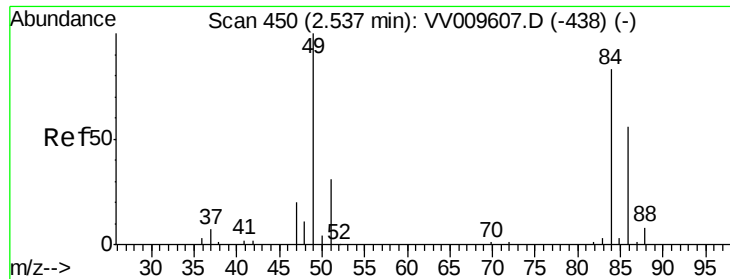
20000

0

2.06 2.08 2.10 2.12



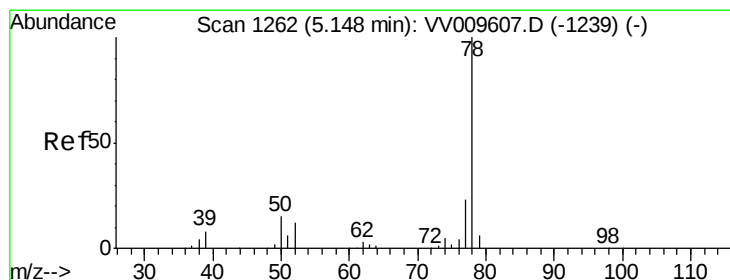
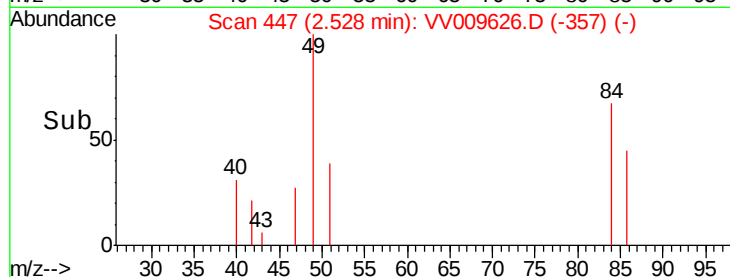
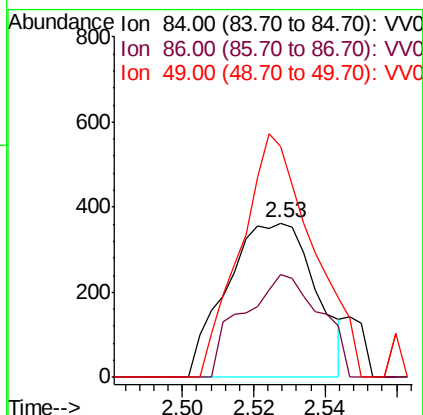
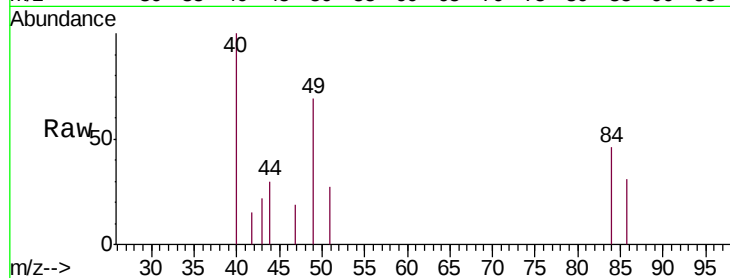
Time--> 2.06 2.08 2.10 2.12



#16
Methylene chloride
Concen: 0.557 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009626.D
Acq: 13 Mar 2019 00:12

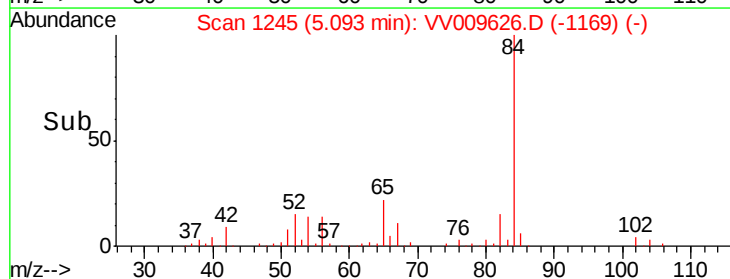
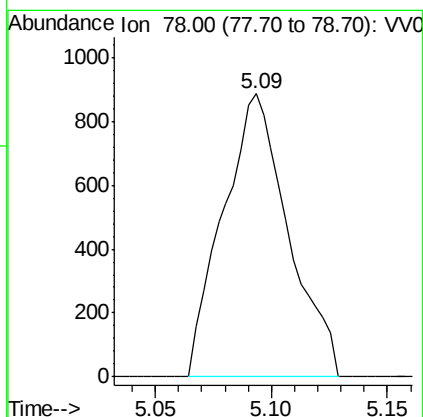
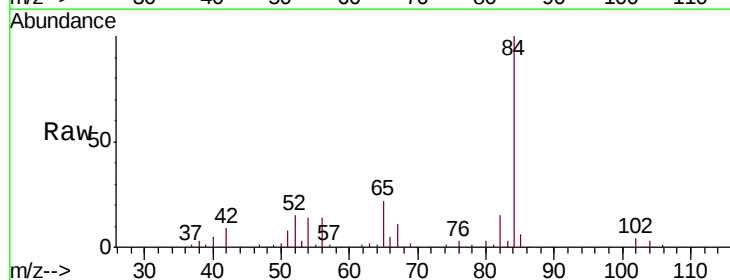
Instrument :
MSVOA_V
ClientSampleId :
BF0S2

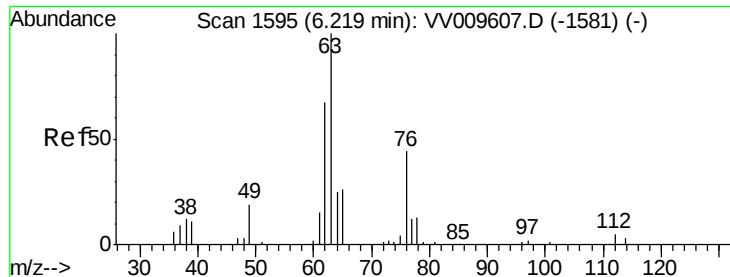
Tgt Ion: 84 Resp: 623
Ion Ratio Lower Upper
84 100
86 66.9 44.0 81.6
49 149.4 82.0 152.4



#33
Benzene
Concen: 0.394 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VV009626.D
Acq: 13 Mar 2019 00:12

Tgt Ion: 78 Resp: 1735

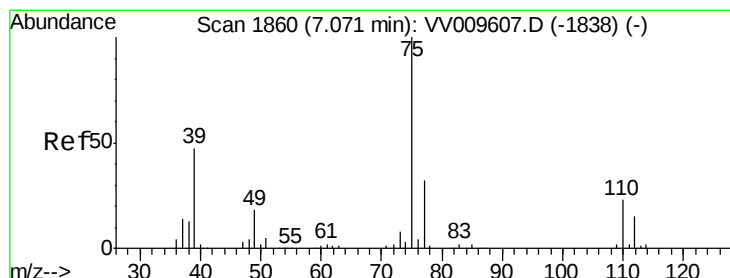
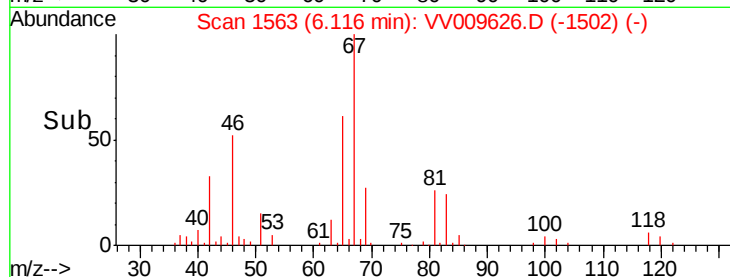
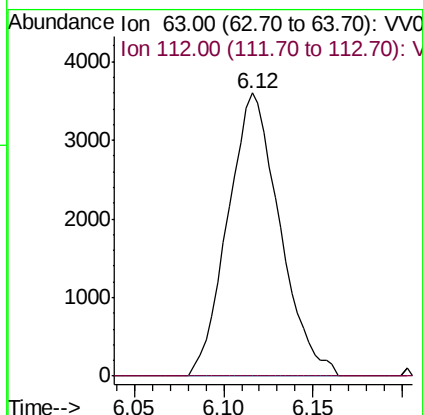
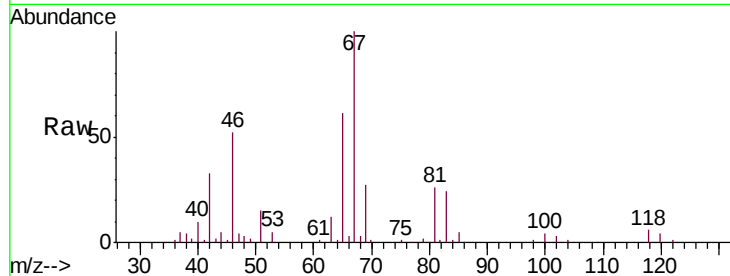




#37
 1,2-Dichloropropane
 Concen: 6.491 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009626.D
 Acq: 13 Mar 2019 00:12

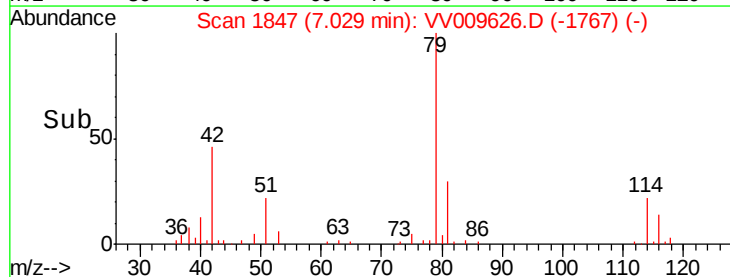
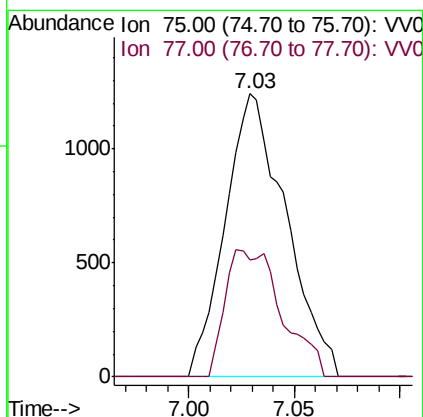
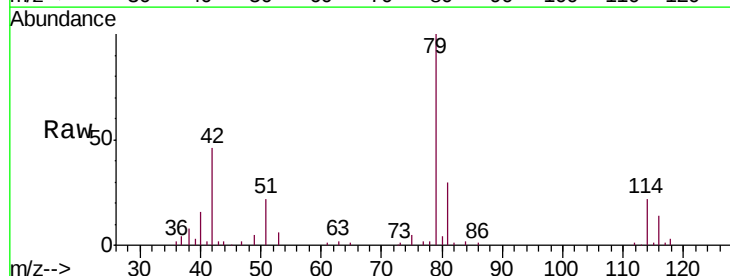
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S2

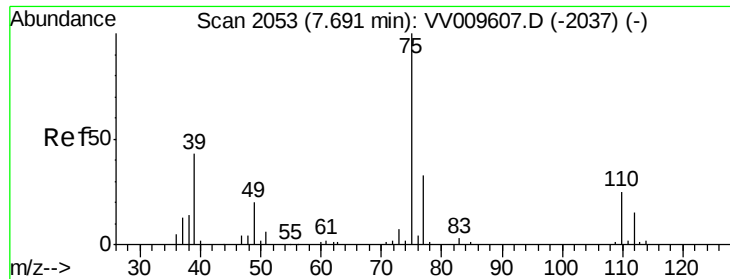
Tgt Ion: 63 Resp: 7284
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.388 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009626.D
 Acq: 13 Mar 2019 00:12

Tgt Ion: 75 Resp: 2482
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.3 41.5





#44

trans-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009626.D

Acq: 13 Mar 2019 00:12

Instrument :

MSVOA_V

ClientSampleId :

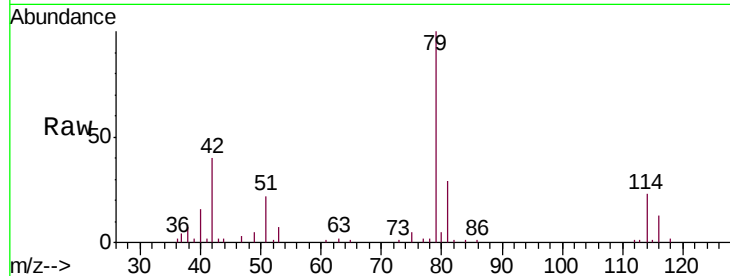
BF0S2

Tgt Ion: 75 Resp: 987

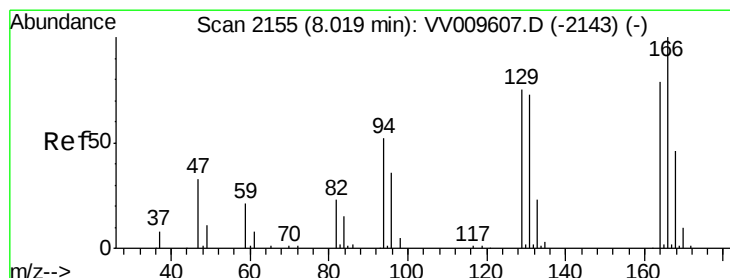
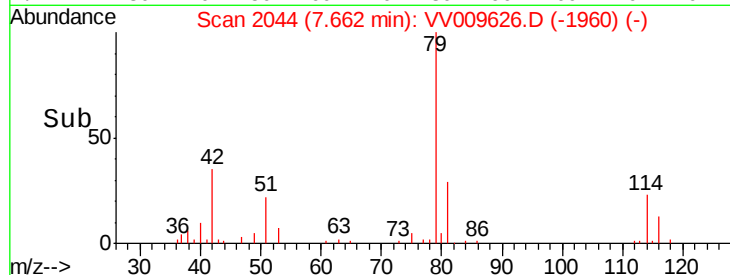
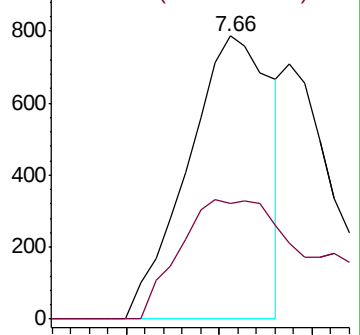
Ion Ratio Lower Upper

75 100

77 40.9 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV009607.D (-2037) (-)



#46

Tetrachloroethene

Concen: 15.716 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009626.D

Acq: 13 Mar 2019 00:12

Tgt Ion: 164 Resp: 14518

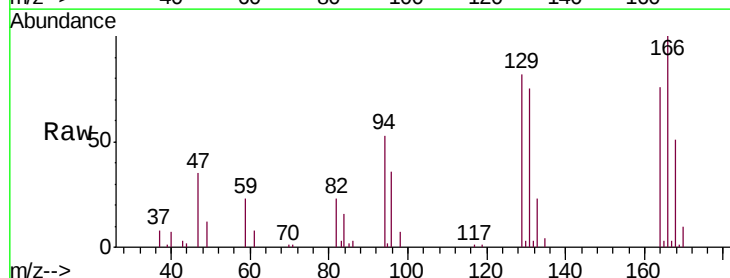
Ion Ratio Lower Upper

164 100

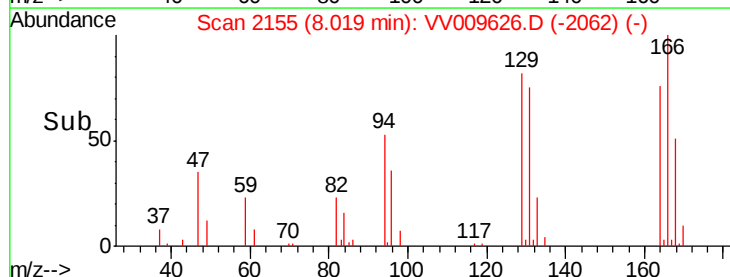
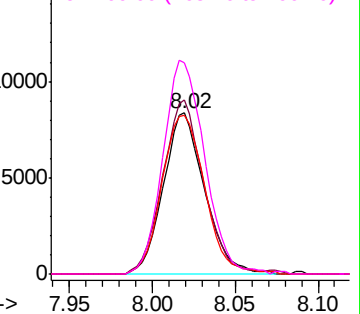
129 108.2 70.8 131.6

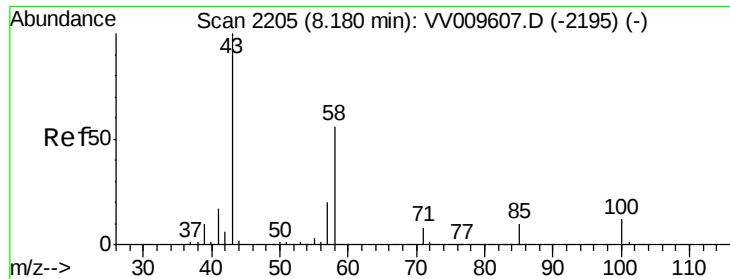
131 98.5 68.3 126.9

166 131.4 89.5 166.3



Abundance Ion 164.00 (163.70 to 164.70): VV009607.D (-2143) (-)

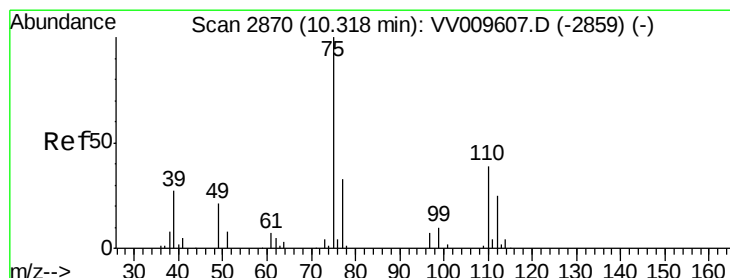
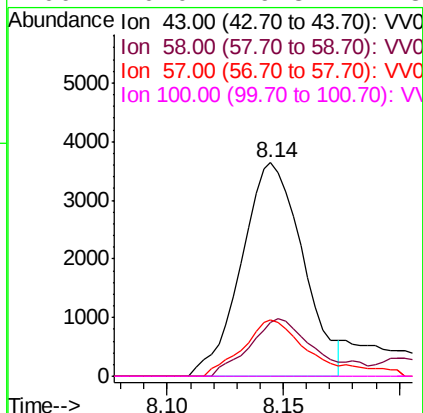
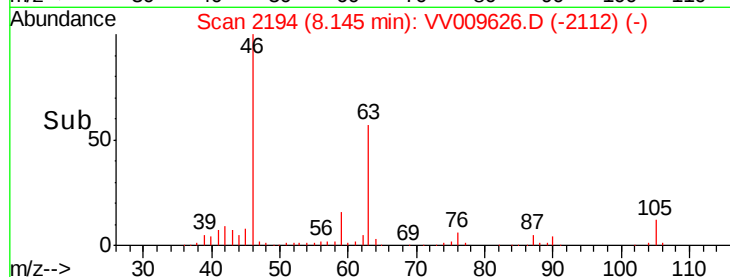
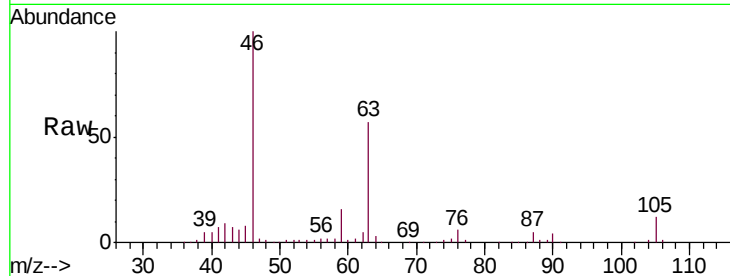




#48
2-Hexanone
Concen: 5.582 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV009626.D
Acq: 13 Mar 2019 00:12

Instrument :
MSVOA_V
ClientSampled :
BF0S2

Tgt Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
58 26.5 45.8 68.8#
57 25.9 14.5 21.7#
100 0.0 9.8 14.8#



#59
1,2,3-Trichloropropane
Concen: 6.929 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009626.D
Acq: 13 Mar 2019 00:12

Tgt Ion: 75 Resp: 10543
Ion Ratio Lower Upper
75 100
77 41.4 26.6 40.0#

