

Data File : VV014265.D
Acq On : 06 Jan 2020 12:13
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

Quant Time: Jan 07 01:22:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 07 01:19:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1009157	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	928832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	413663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293107	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	228221	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	347302	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.96	46	707041	41.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.36%
24) Chloroform-d	4.40	84	570689	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	287525	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.10	84	1221121	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	375006	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	1089150	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	160496	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.13	63	654101	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	247960	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	343102	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

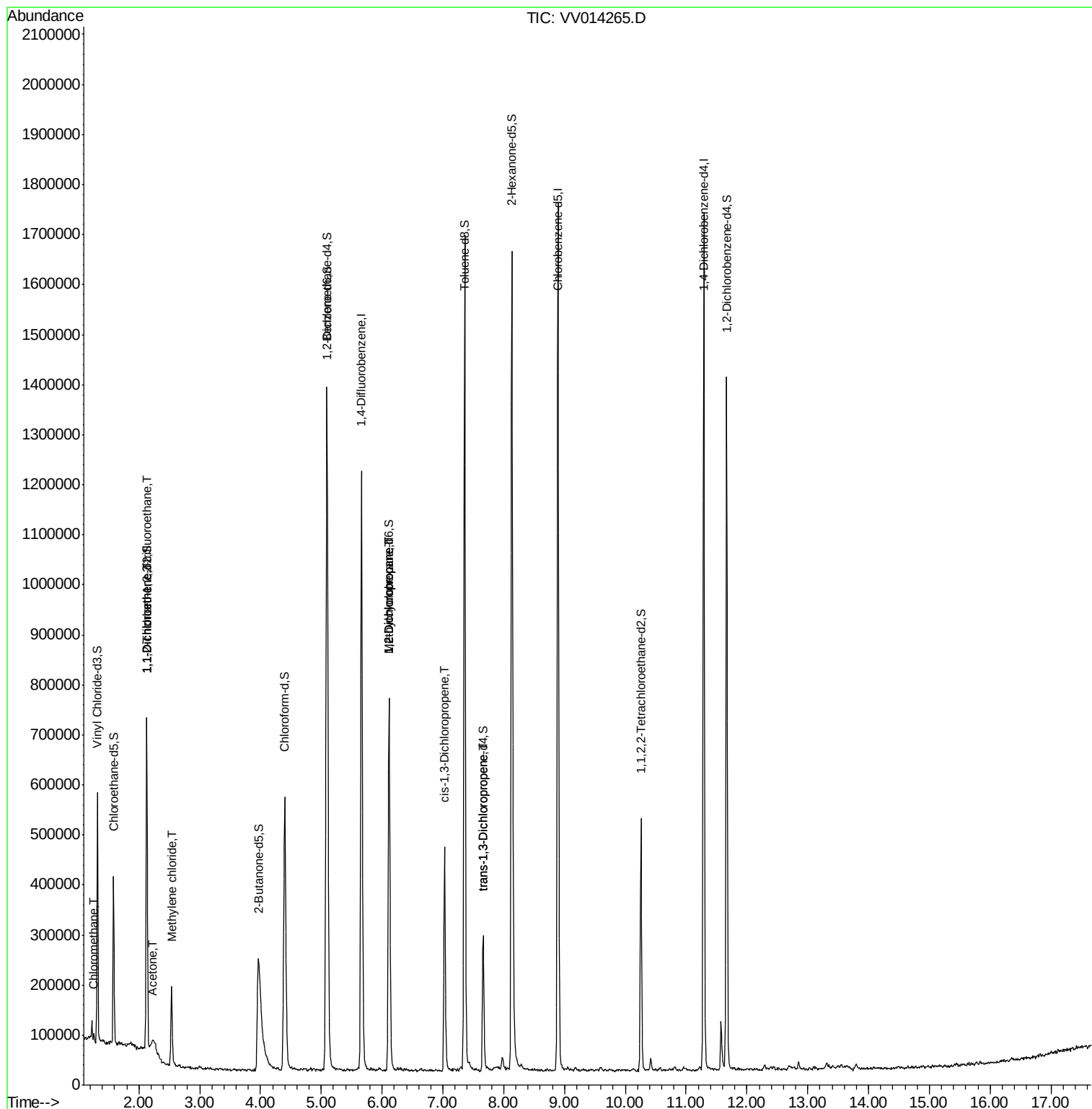
						Qvalue
3) Chloromethane	1.26	50	10793	0.143	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4320	0.096	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	3181	0.071	ug/L #	1
13) Acetone	2.23	43	13762	1.178	ug/L	49
16) Methylene chloride	2.54	84	71204	0.970	ug/L	96
35) Methylcyclohexane	6.12	83	89507	0.745	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	38288	0.530	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	10646	0.091	ug/L #	50
44) trans-1,3-Dichloropropene	7.66	75	7630	0.085	ug/L #	76

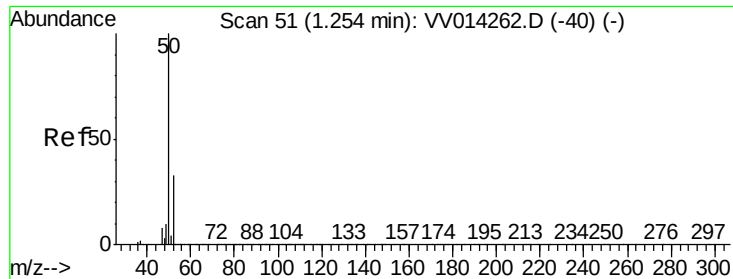
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014265.D

Acq: 06 Jan 2020 12:13

Instrument :

MSVOA_V

ClientSampleId :

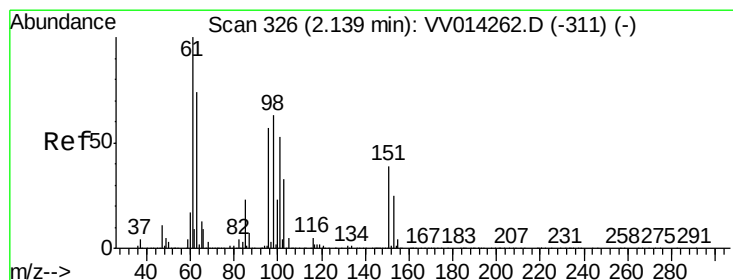
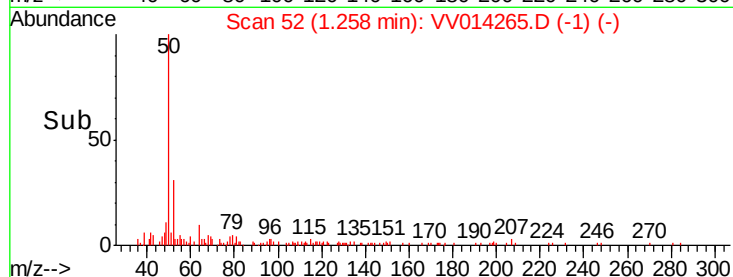
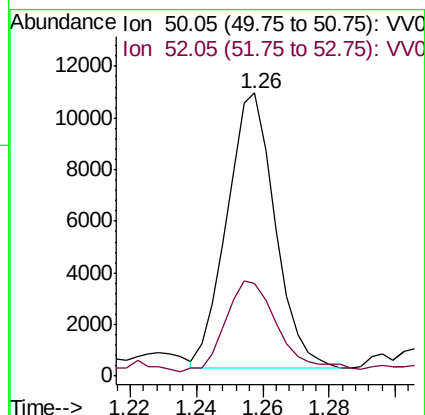
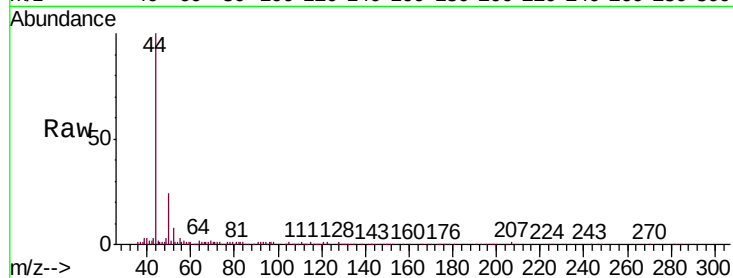
VIBLK50

Tgt Ion: 50 Resp: 10793

Ion Ratio Lower Upper

50 100

52 32.7 22.3 41.3



#10

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

Concen: 0.096 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014265.D

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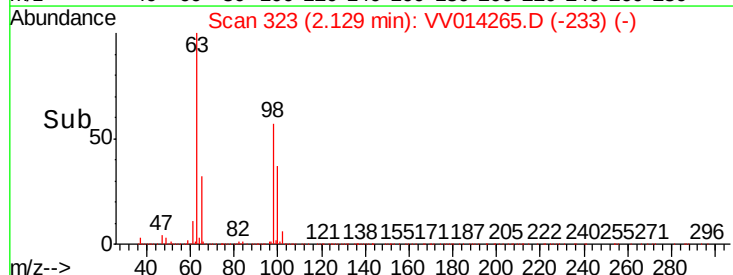
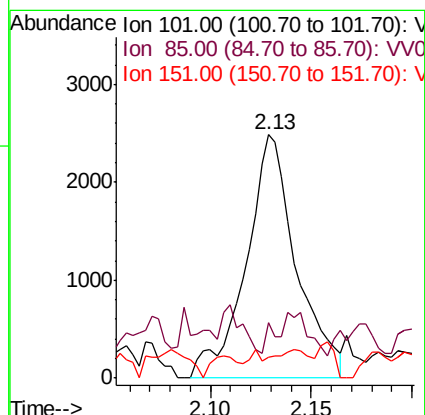
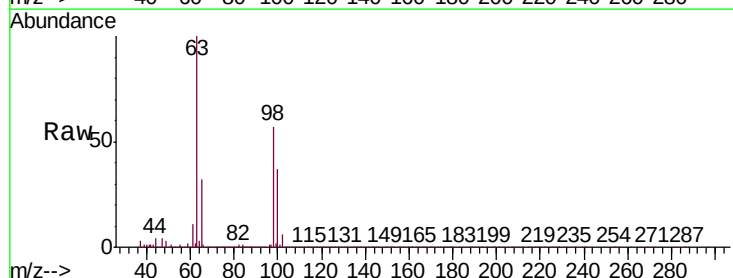
Tgt Ion: 101 Resp: 4320

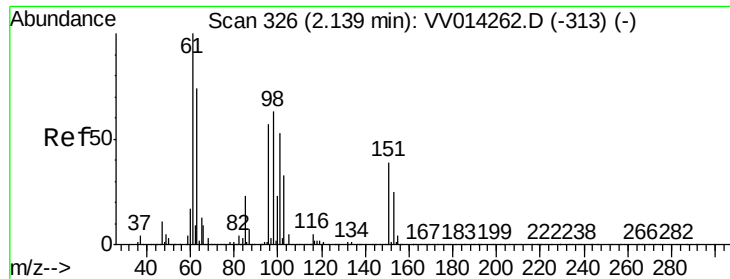
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 3.9 62.5 93.7#

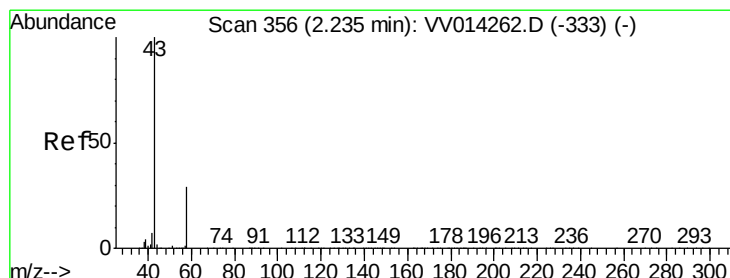
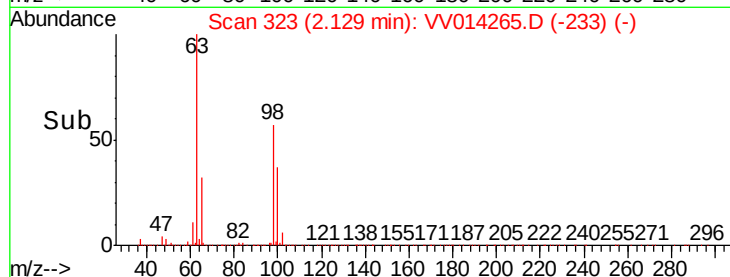
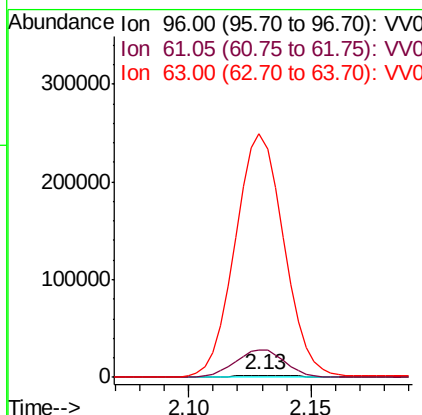
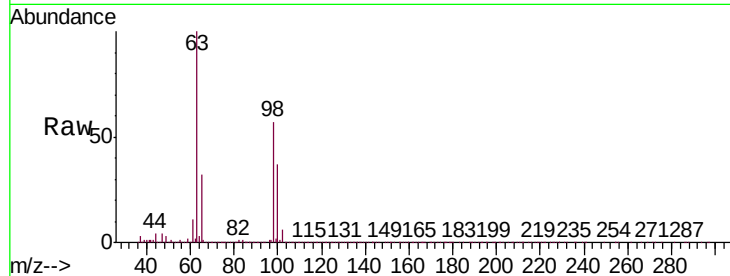




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV014265.D
 Acq: 06 Jan 2020 12:13

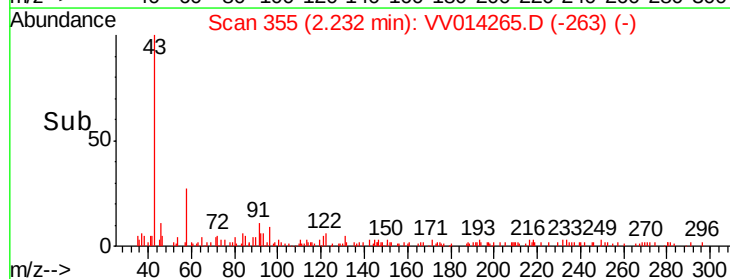
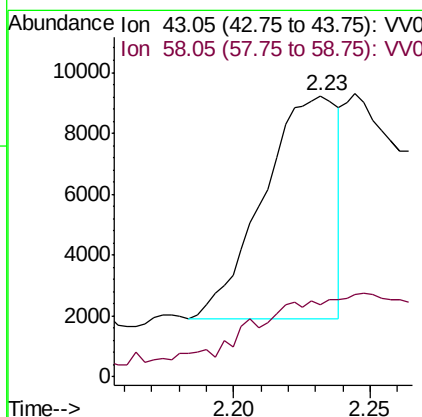
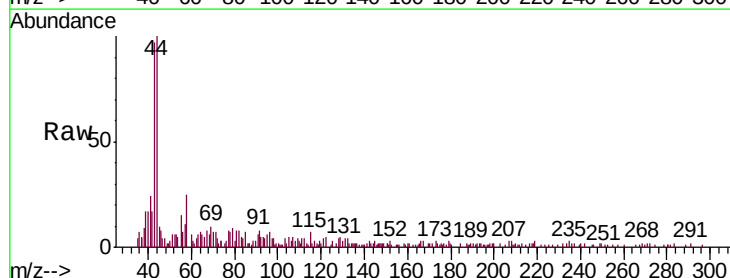
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

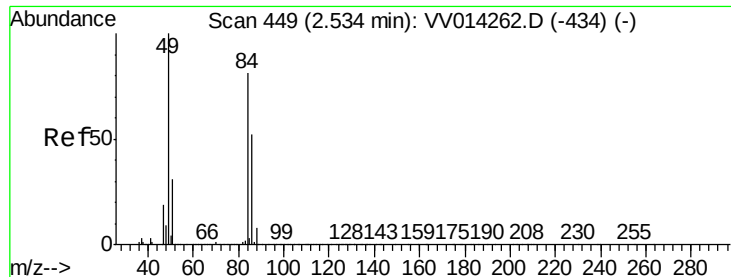
Tgt Ion: 96 Resp: 3181
 Ion Ratio Lower Upper
 96 100
 61 1377.3 121.5 225.7#
 63 12127.3 90.3 167.7#



#13
 Acetone
 Concen: 1.178 ug/L
 RT: 2.23 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VV014265.D
 Acq: 06 Jan 2020 12:13

Tgt Ion: 43 Resp: 13762
 Ion Ratio Lower Upper
 43 100
 58 4.1 0.0 66.0

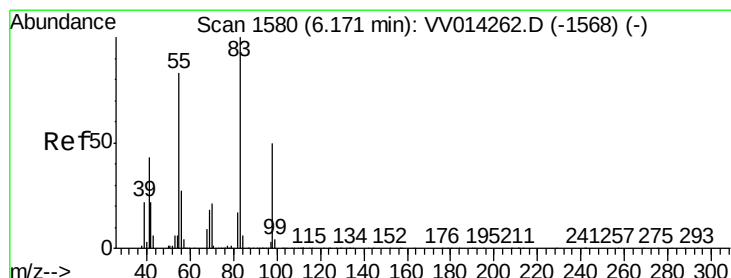
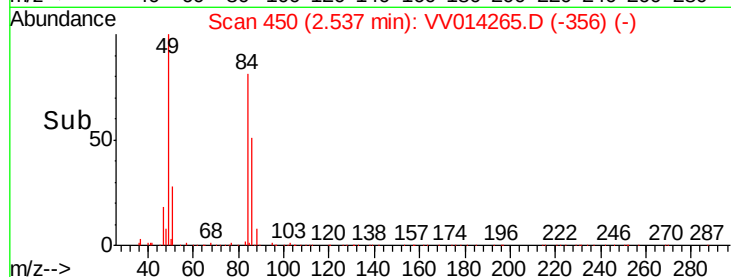
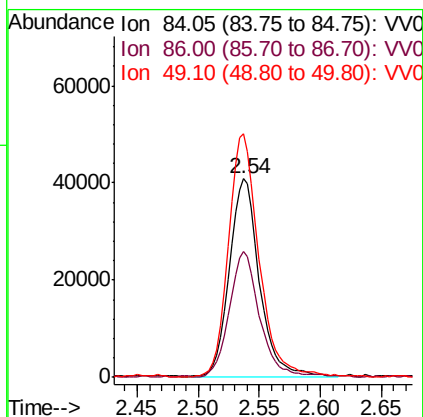
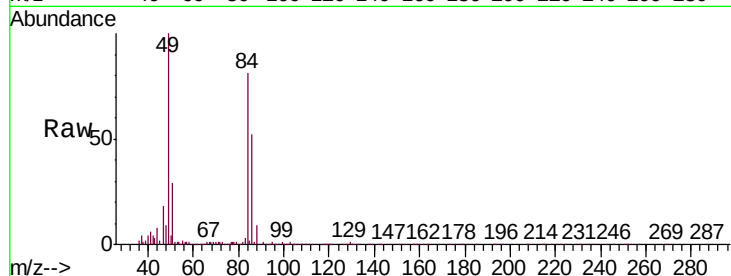




#16
Methylene chloride
Concen: 0.970 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014265.D
Acq: 06 Jan 2020 12:13

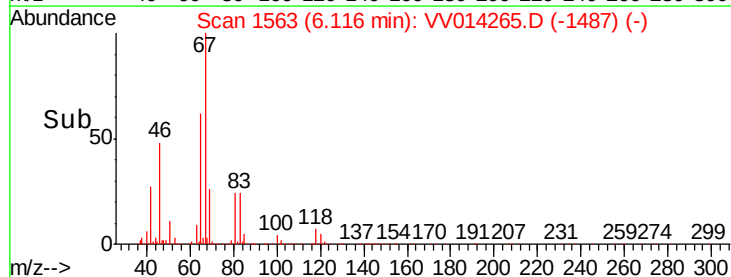
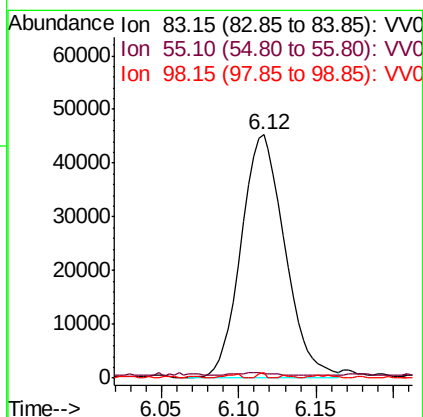
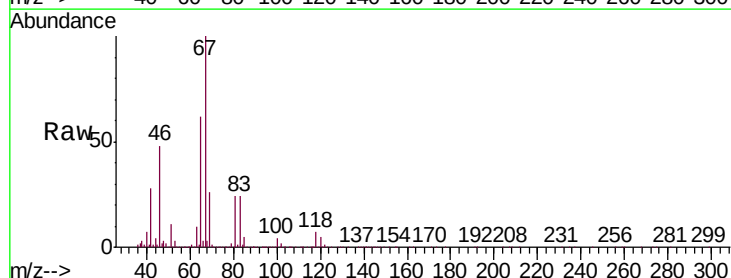
Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

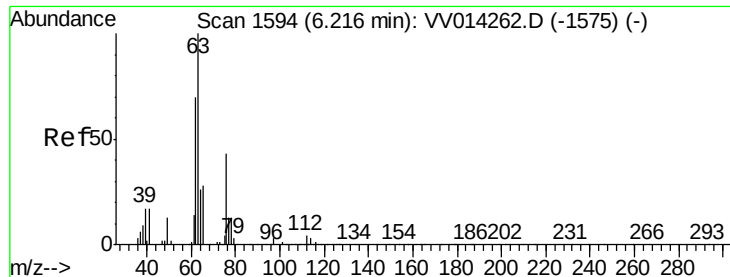
Tgt Ion: 84 Resp: 71204
Ion Ratio Lower Upper
84 100
86 63.4 43.1 80.1
49 122.8 82.1 152.5



#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014265.D
Acq: 06 Jan 2020 12:13

Tgt Ion: 83 Resp: 89507
Ion Ratio Lower Upper
83 100
55 0.7 61.7 92.5#
98 0.4 38.1 57.1#

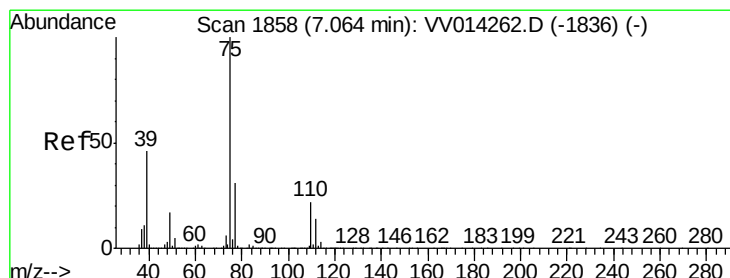
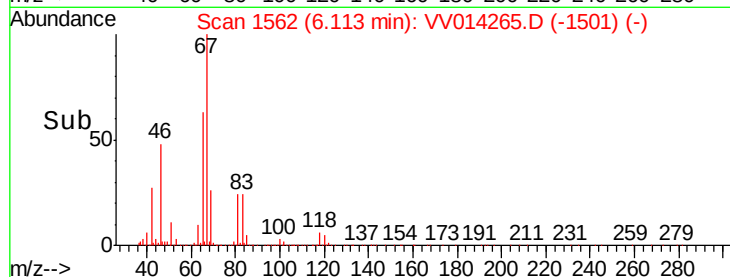
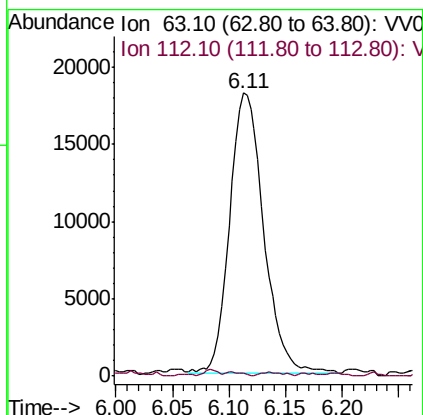
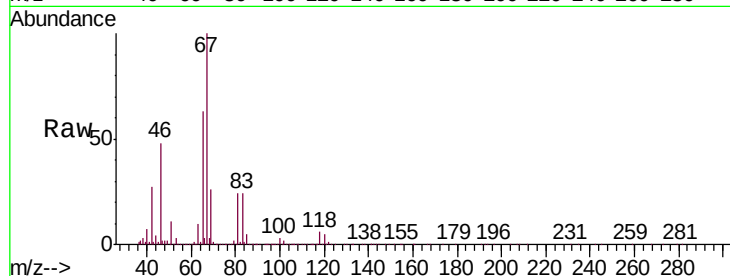




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014265.D
 Acq: 06 Jan 2020 12:13

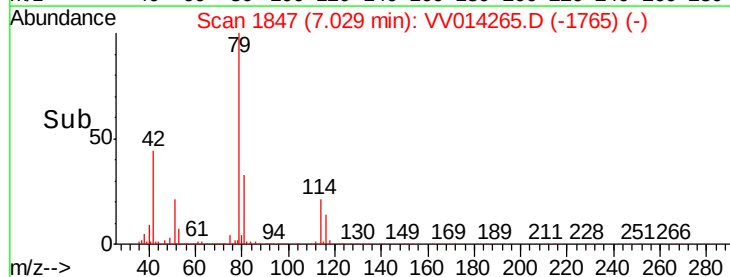
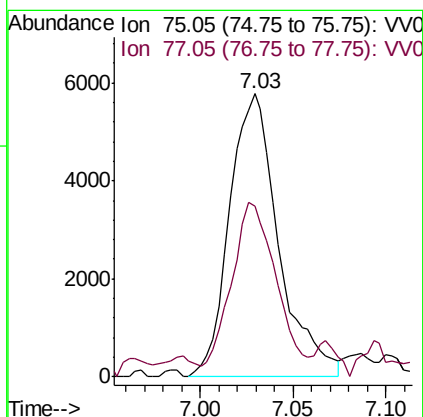
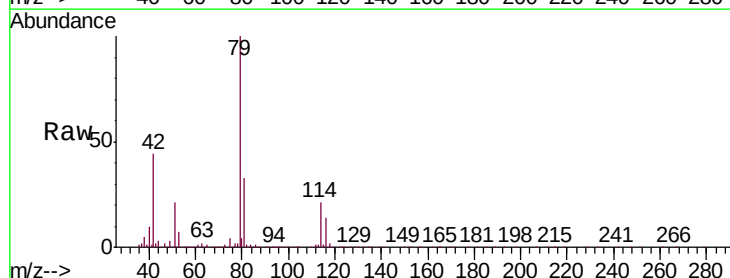
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

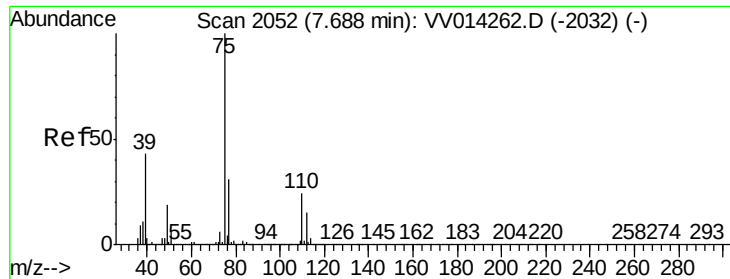
Tgt Ion: 63 Resp: 38288
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014265.D
 Acq: 06 Jan 2020 12:13

Tgt Ion: 75 Resp: 10646
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014265.D

Acq: 06 Jan 2020 12:13

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

Tgt Ion: 75 Resp: 7630

Ion Ratio Lower Upper

75 100

77 45.0 22.0 41.0#

