

Data File : VV012031.D
Acq On : 25 Jul 2019 16:23
Operator : SY/MD
Sample : K3960-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A9

Quant Time: Jul 26 02:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27850	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	25067	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	47541	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.94	46	104440	52.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	4.40	84	84482	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	48545	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	165257	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	49149	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	148598	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	18271	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	82514	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35146	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63366	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

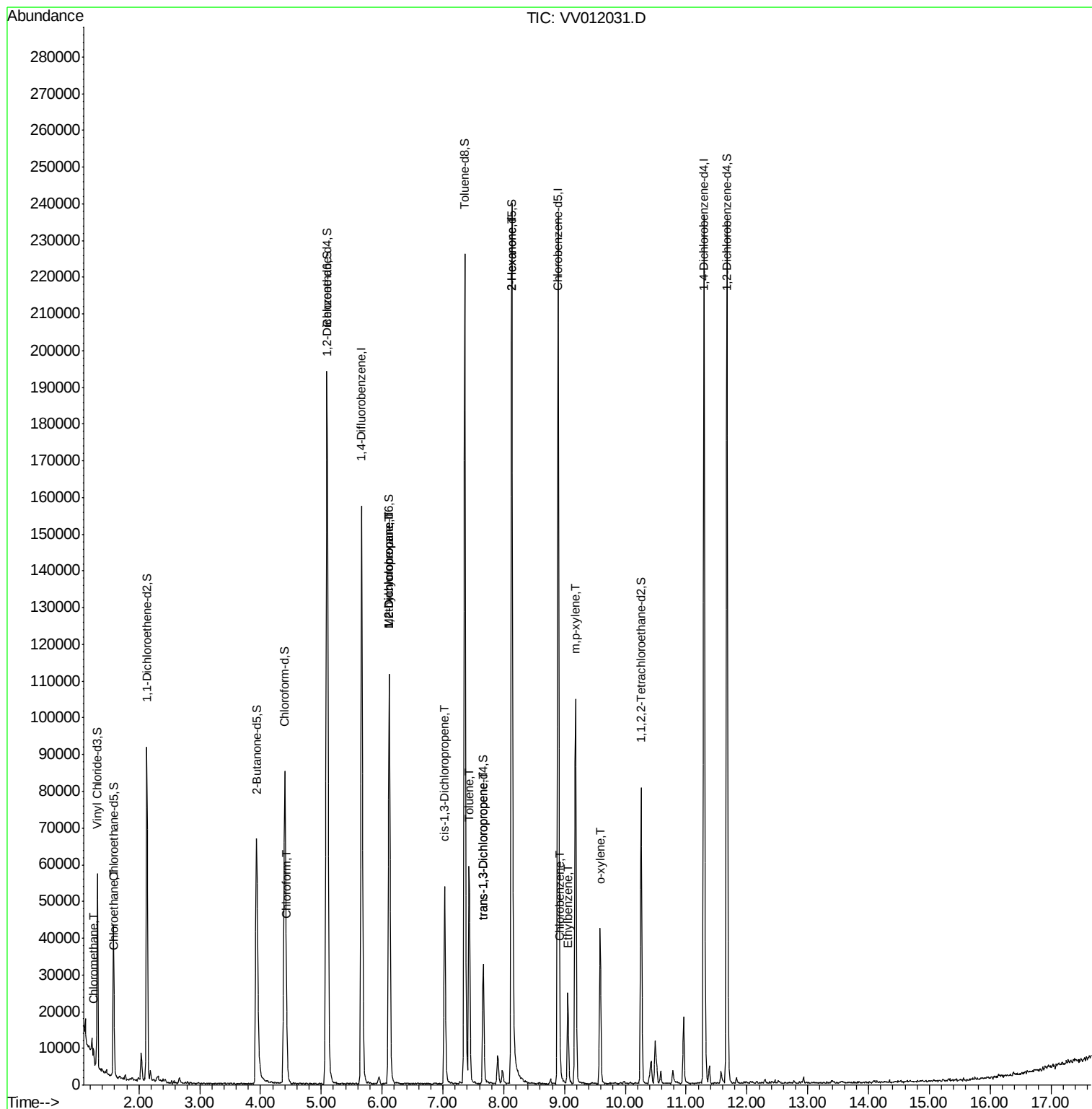
					Qvalue
3) Chloromethane	1.25	50	1990	0.255 ug/L	97
8) Chloroethane	1.60	64	641	0.136 ug/L	94
25) Chloroform	4.43	83	5723	0.291 ug/L	95
35) Methylcyclohexane	6.12	83	13145	0.811 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6345	0.704 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1431	0.107 ug/L #	47
42) Toluene	7.43	91	40737	1.012 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	904	0.085 ug/L #	71
48) 2-Hexanone	8.13	43	10176	2.879 ug/L #	69
51) Chlorobenzene	8.93	112	2522	0.096 ug/L	95
52) Ethylbenzene	9.05	91	16590	0.361 ug/L	98
53) m,p-xylene	9.18	106	29343	1.677 ug/L	99
54) o-xylene	9.59	106	10866	0.655 ug/L	93

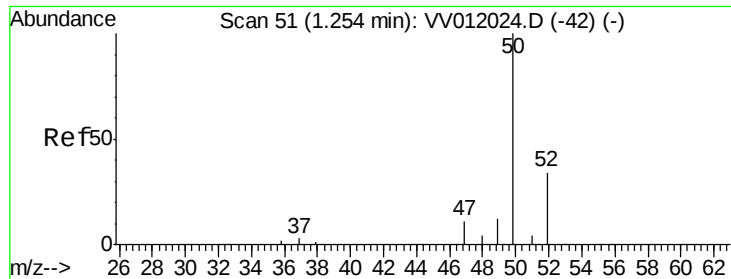
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012031.D
Acq On : 25 Jul 2019 16:23
Operator : SY/MD
Sample : K3960-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A9

Quant Time: Jul 26 02:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

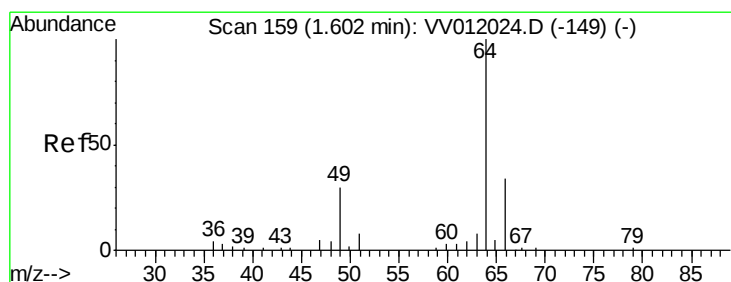
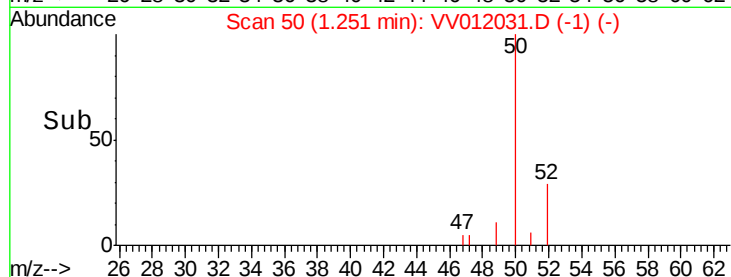
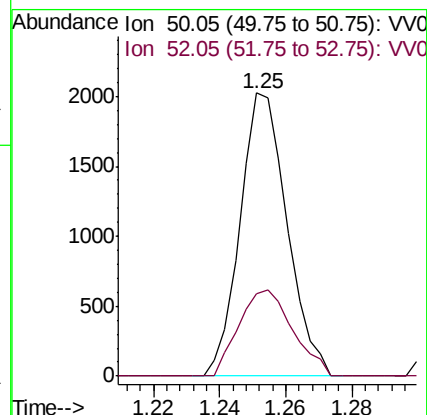
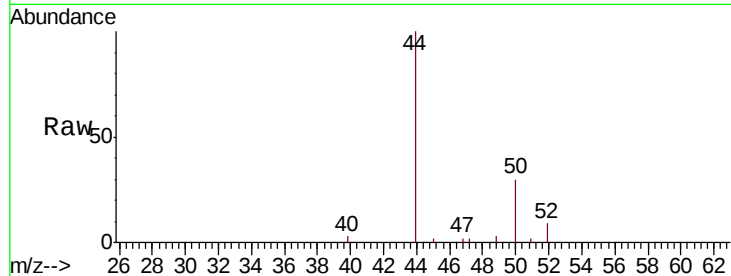




#3
 Chloromethane
 Concen: 0.255 ug/L
 RT: 1.25 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VV012031.D
 Acq: 25 Jul 2019 16:23

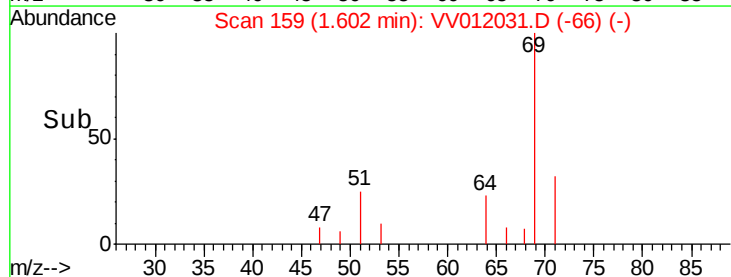
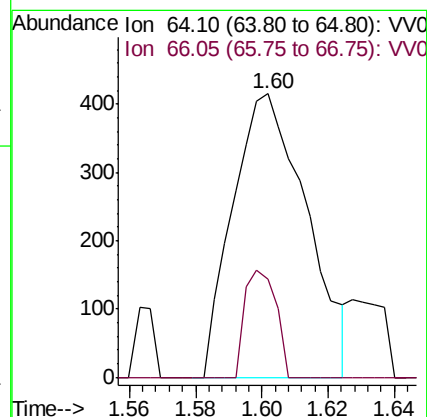
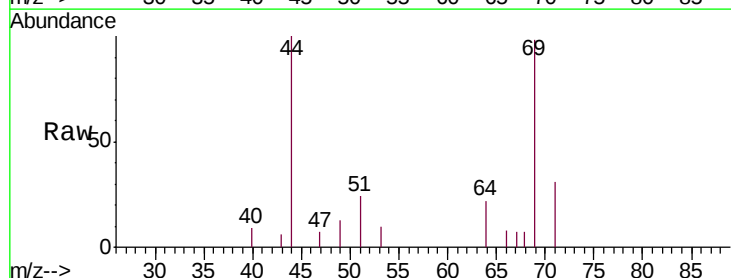
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9

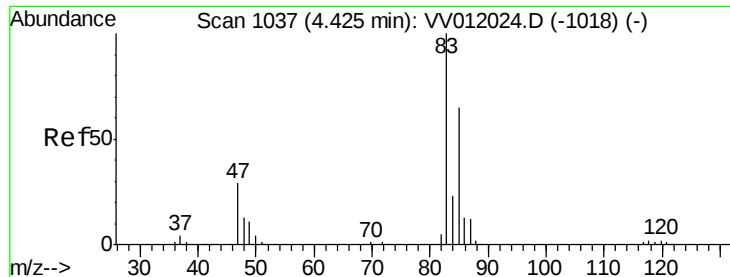
Tgt Ion: 50 Resp: 1990
 Ion Ratio Lower Upper
 50 100
 52 29.2 21.6 40.2



#8
 Chloroethane
 Concen: 0.136 ug/L
 RT: 1.60 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VV012031.D
 Acq: 25 Jul 2019 16:23

Tgt Ion: 64 Resp: 641
 Ion Ratio Lower Upper
 64 100
 66 34.5 21.8 40.6

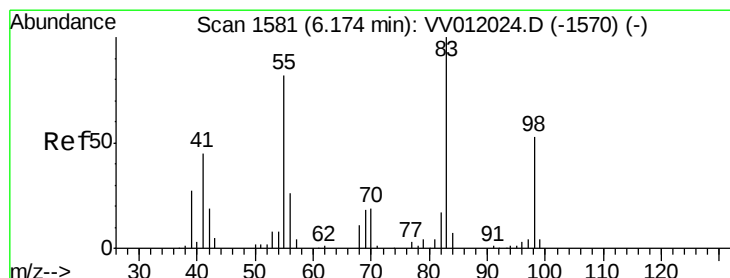
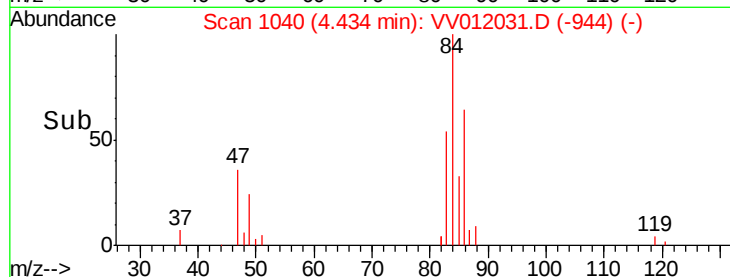
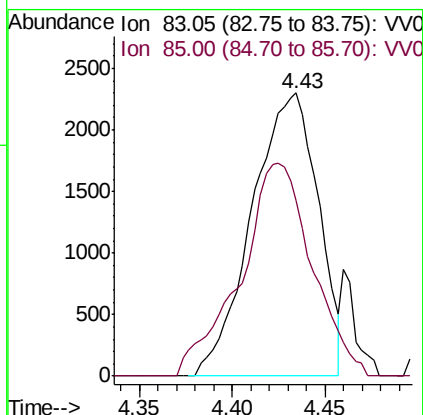
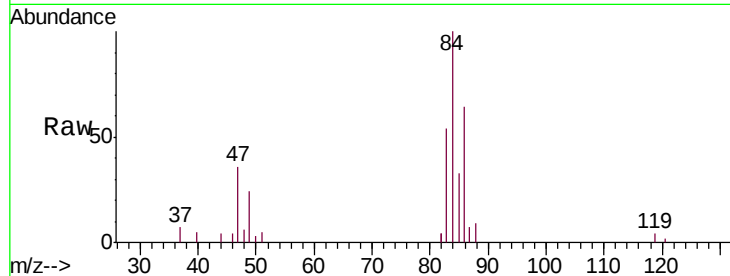




#25
Chloroform
Concen: 0.291 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

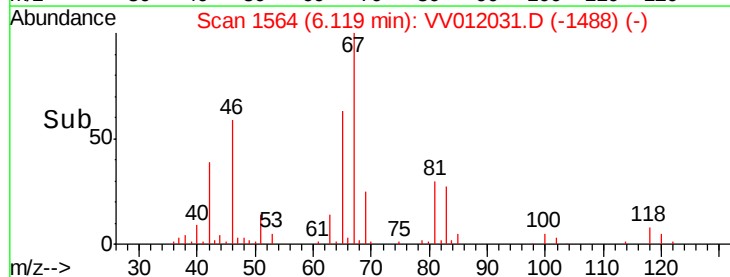
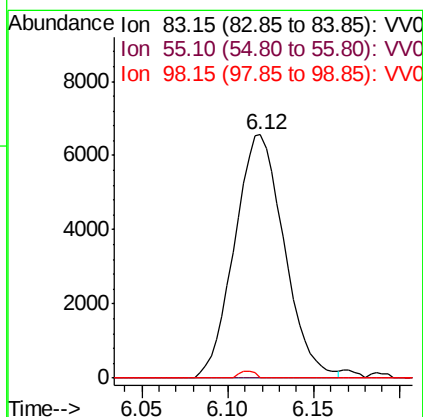
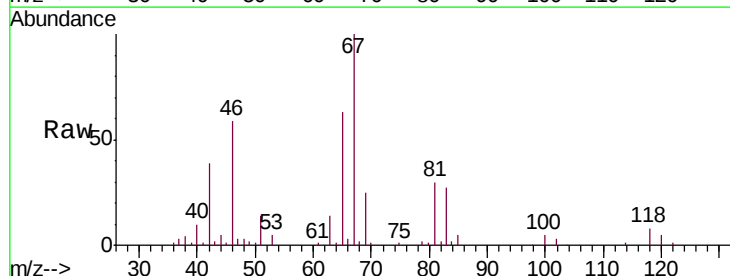
Instrument :
MSVOA_V
ClientSampleId :
DB9A9

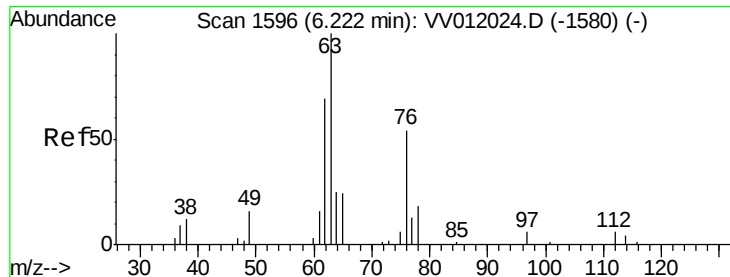
Tgt Ion: 83 Resp: 5723
Ion Ratio Lower Upper
83 100
85 62.2 46.5 86.3



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

Tgt Ion: 83 Resp: 13145
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.9 41.4 62.0#

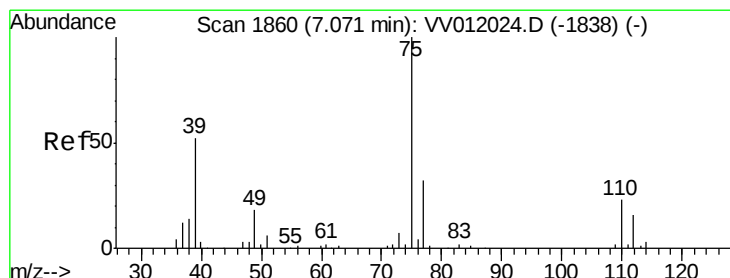
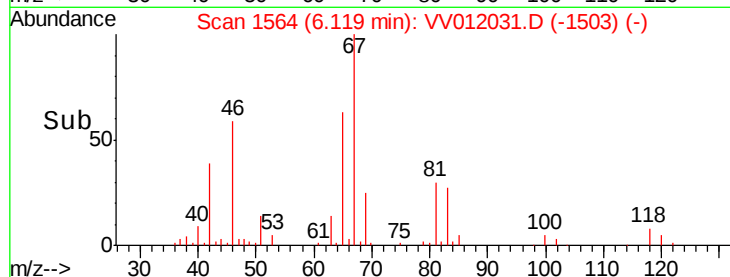
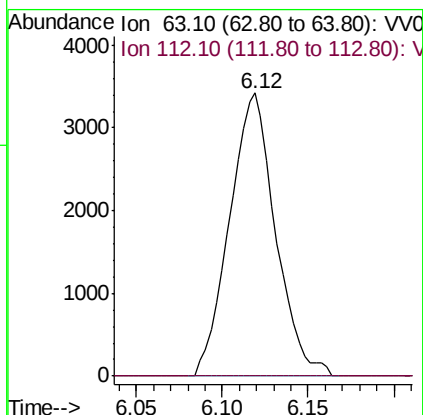
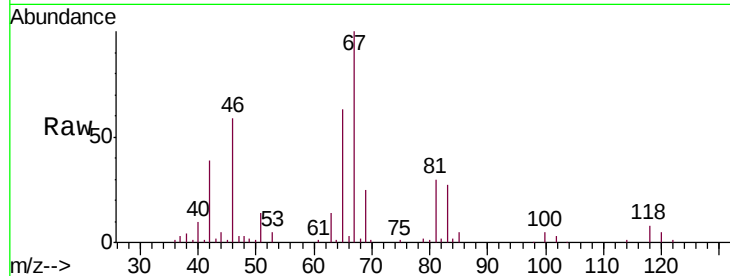




#37
 1,2-Dichloropropane
 Concen: 0.704 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012031.D
 Acq: 25 Jul 2019 16:23

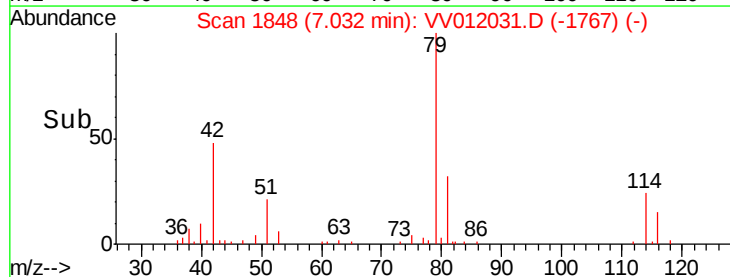
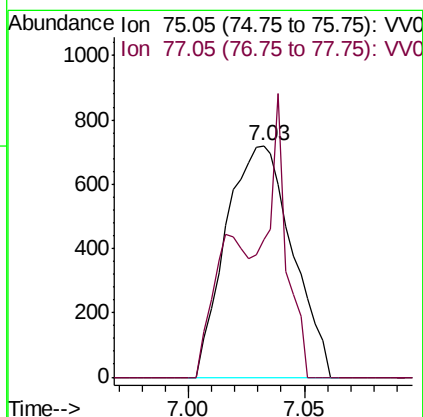
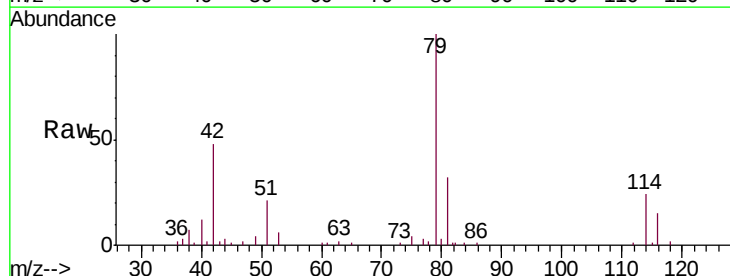
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9

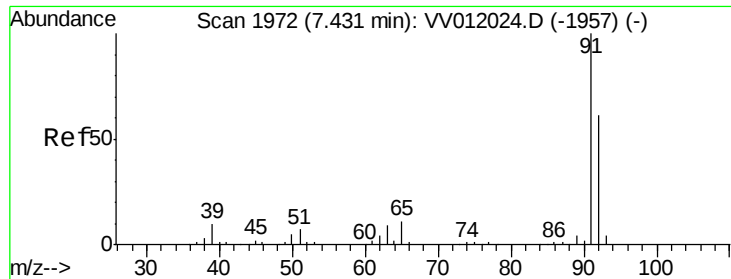
Tgt Ion: 63 Resp: 6345
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012031.D
 Acq: 25 Jul 2019 16:23

Tgt Ion: 75 Resp: 1431
 Ion Ratio Lower Upper
 75 100
 77 59.4 21.3 39.6#





#42

Toluene

Concen: 1.012 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012031.D

Acq: 25 Jul 2019 16:23

Instrument :

MSVOA_V

ClientSampleID :

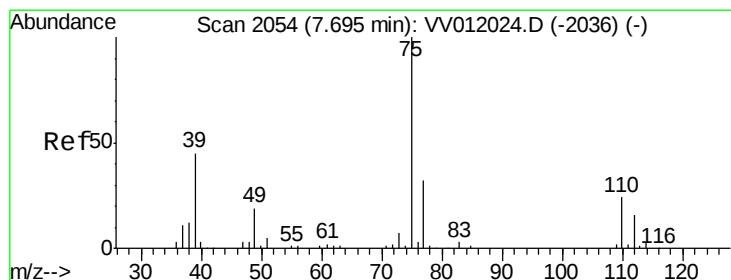
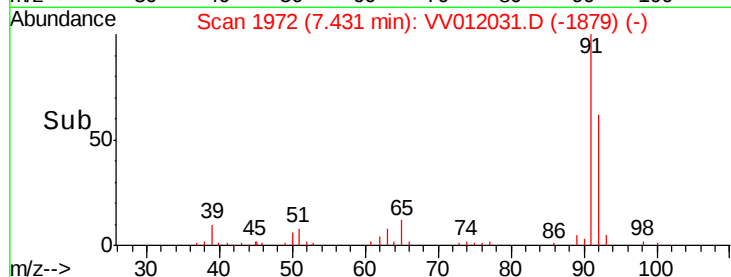
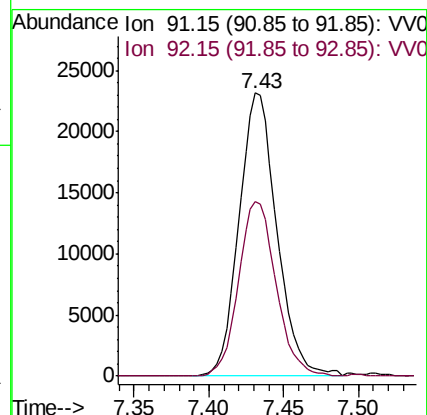
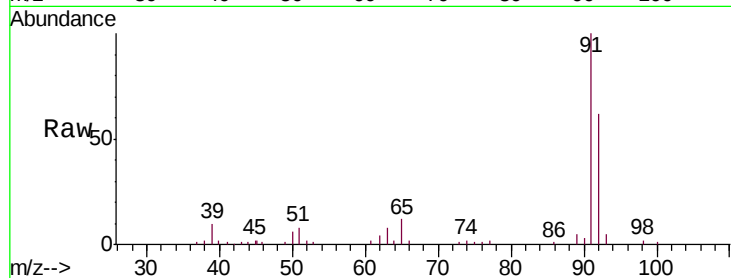
DB9A9

Tgt Ion: 91 Resp: 40737

Ion Ratio Lower Upper

91 100

92 61.5 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012031.D

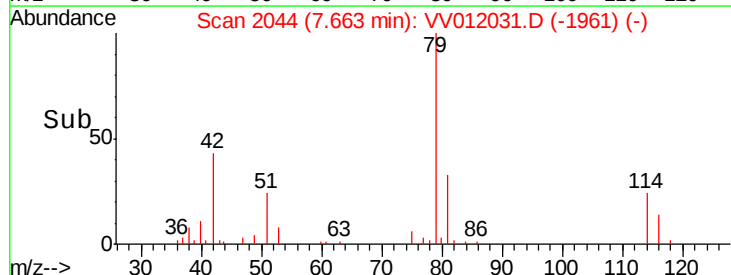
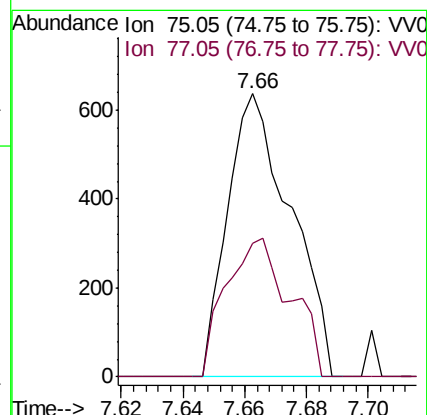
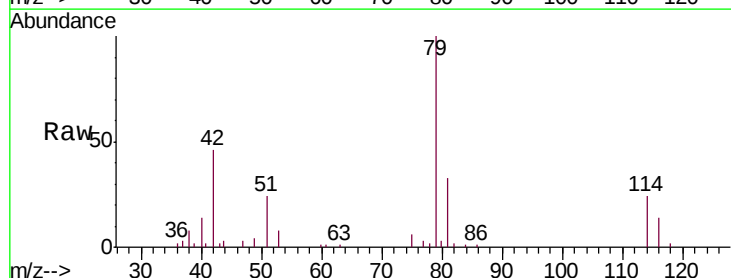
Acq: 25 Jul 2019 16:23

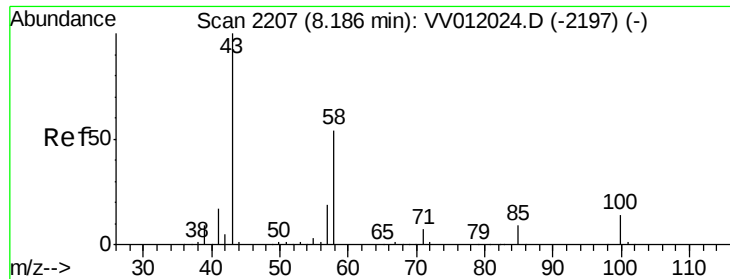
Tgt Ion: 75 Resp: 904

Ion Ratio Lower Upper

75 100

77 47.4 22.0 40.8#

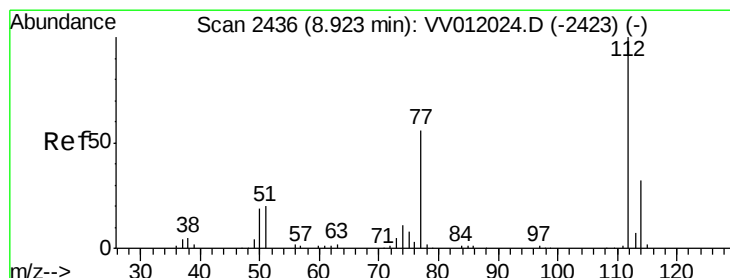
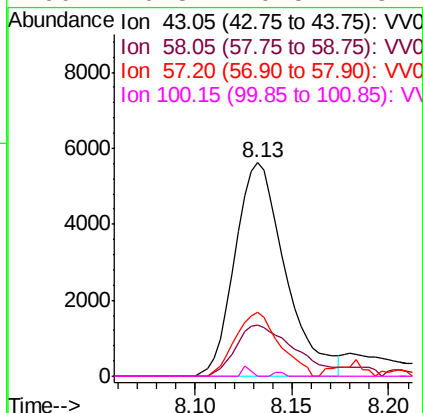
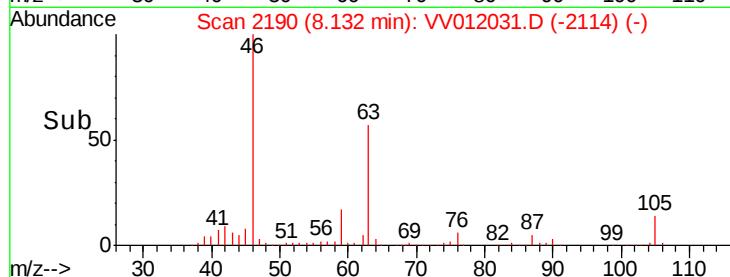
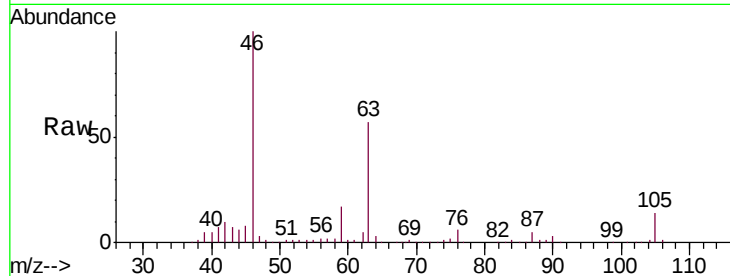




#48
2-Hexanone
Concen: 2.879 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

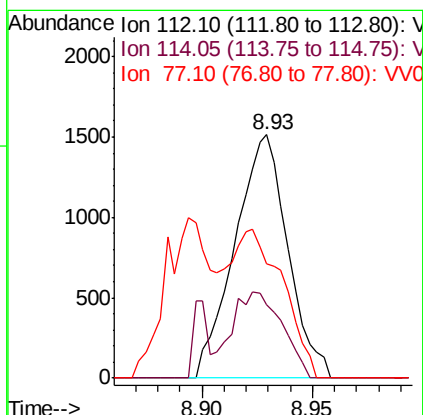
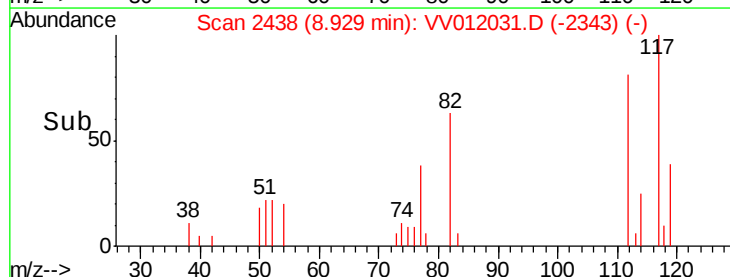
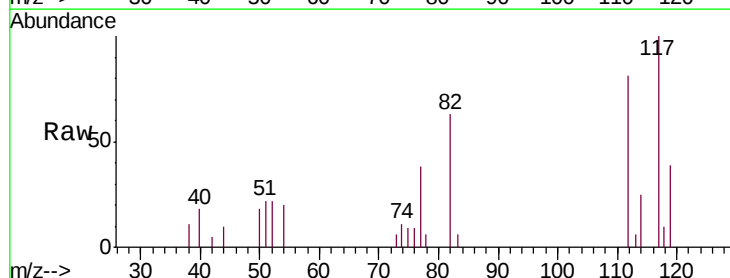
Instrument :
MSVOA_V
ClientSampleId :
DB9A9

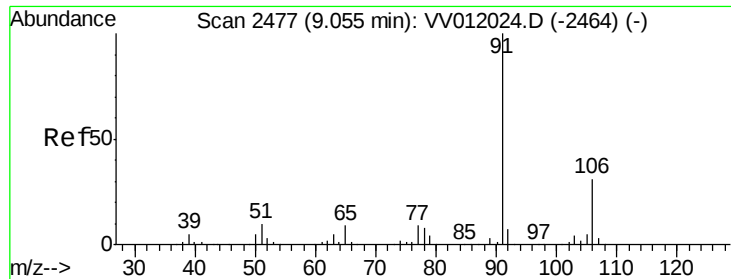
Tgt Ion: 43 Resp: 10176
Ion Ratio Lower Upper
43 100
58 28.1 43.7 65.5#
57 26.2 16.0 24.0#
100 0.8 10.5 15.7#



#51
Chlorobenzene
Concen: 0.096 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.01 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

Tgt Ion: 112 Resp: 2522
Ion Ratio Lower Upper
112 100
114 30.4 23.0 42.8
77 54.4 46.4 69.6





#52

Ethylbenzene

Concen: 0.361 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012031.D

Acq: 25 Jul 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

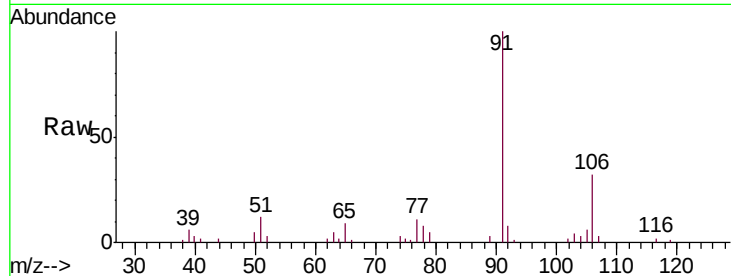
DB9A9

Tgt Ion: 91 Resp: 16590

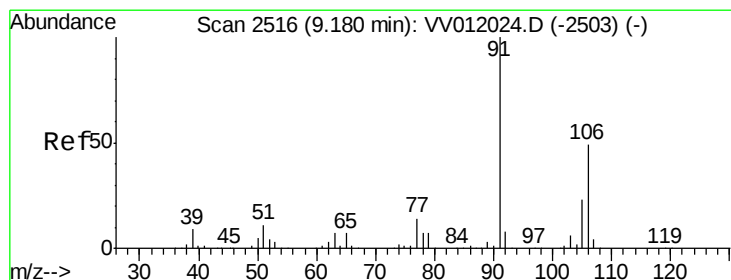
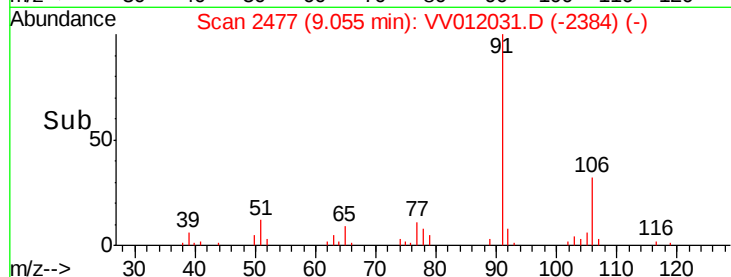
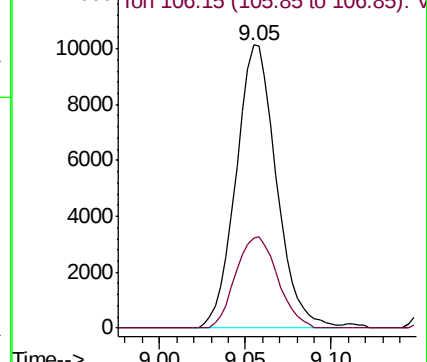
Ion Ratio Lower Upper

91 100

106 31.9 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012024.D (-2464) (-)



#53

m,p-xylene

Concen: 1.677 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012031.D

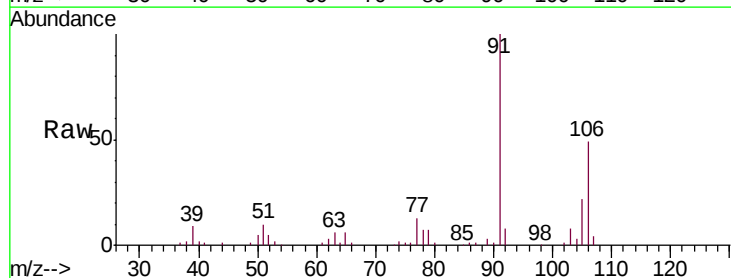
Acq: 25 Jul 2019 16:23

Tgt Ion: 106 Resp: 29343

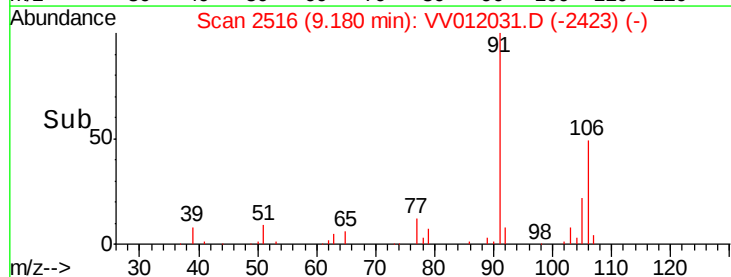
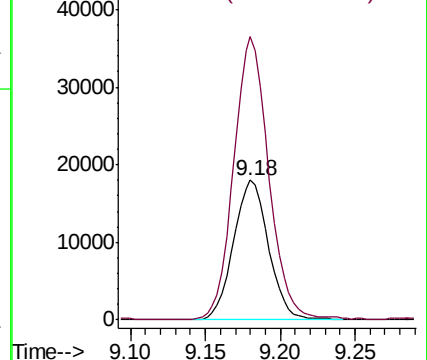
Ion Ratio Lower Upper

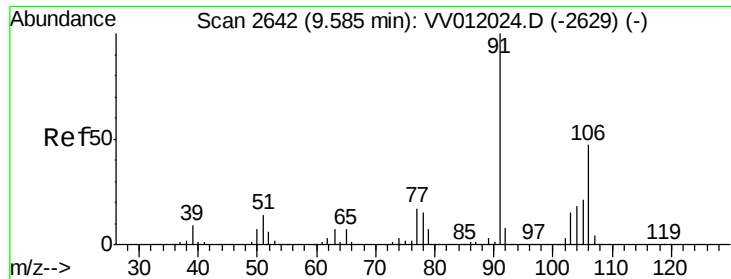
106 100

91 202.6 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012024.D (-2503) (-)





#54
 o-xylene
 Concen: 0.655 ug/L
 RT: 9.59 min Scan# 2642
 Delta R.T. 0.00 min
 Lab File: VV012031.D
 Acq: 25 Jul 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9

Tgt Ion:106 Resp: 10866
 Ion Ratio Lower Upper
 106 100
 91 204.9 151.0 280.4

