

Data File : VV011995.D
Acq On : 24 Jul 2019 04:57
Operator : SY/MD
Sample : K3960-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A8

Quant Time: Jul 24 07:53:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152124	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35765	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.59	69	29163	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.14	63	56990	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	109579	47.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.82%
24) Chloroform-d	4.40	84	92677	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	51530	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	190678	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	53555	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	173949	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	19992	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	86660	45.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37661	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	71647	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

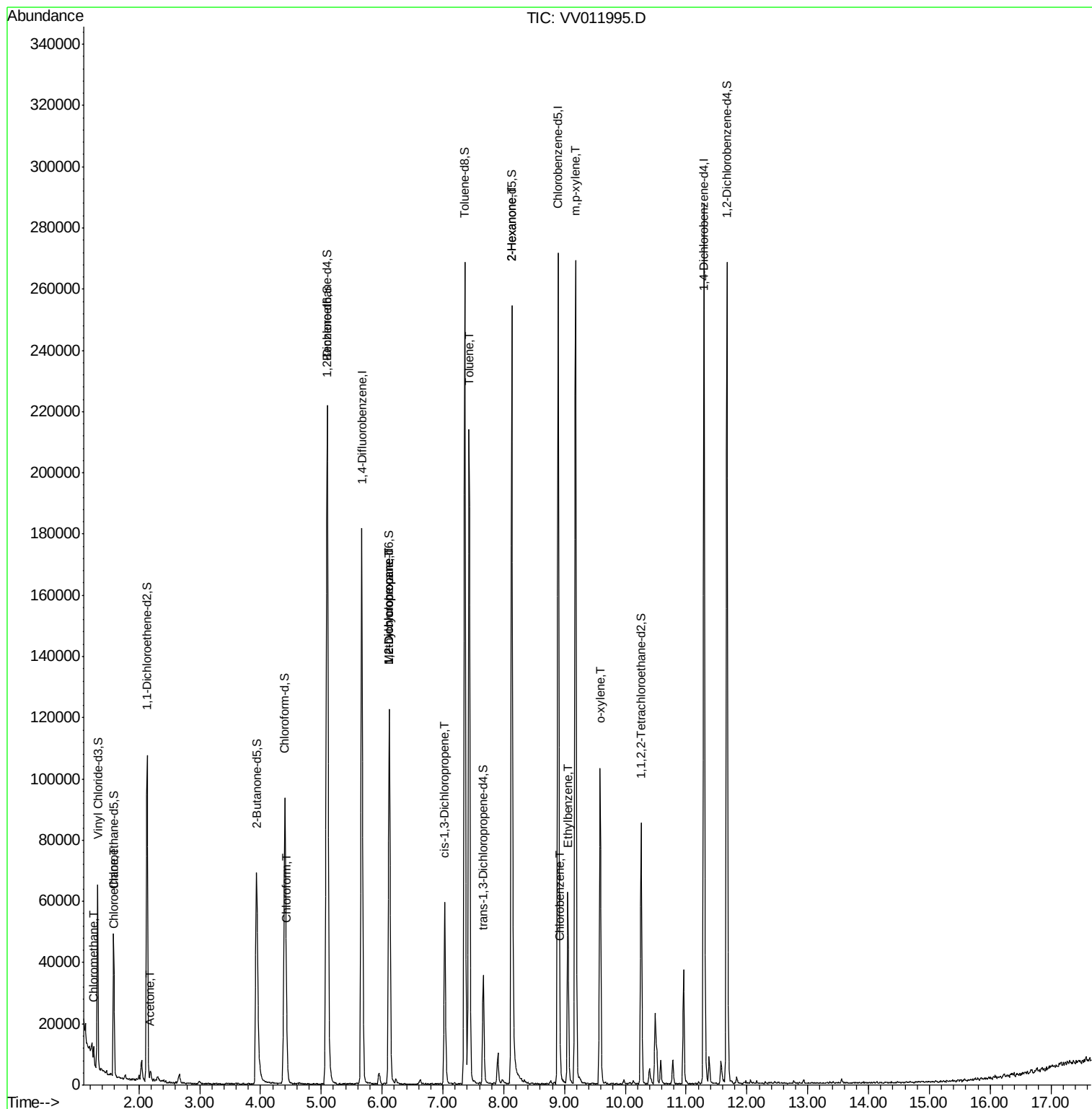
					Qvalue
3) Chloromethane	1.25	50	3173	0.348 ug/L	99
8) Chloroethane	1.60	64	525	0.095 ug/L	95
13) Acetone	2.19	43	2079	1.669 ug/L	85
25) Chloroform	4.43	83	5005	0.218 ug/L	97
35) Methylcyclohexane	6.12	83	14087	0.748 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6787	0.648 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1608	0.104 ug/L #	36
42) Toluene	7.43	91	148719	3.182 ug/L	98
48) 2-Hexanone	8.13	43	11096	2.704 ug/L #	70
51) Chlorobenzene	8.93	112	3807	0.124 ug/L	99
52) Ethylbenzene	9.05	91	42315	0.793 ug/L	99
53) m,p-xylene	9.18	106	73440	3.616 ug/L	99
54) o-xylene	9.59	106	27105	1.408 ug/L	99

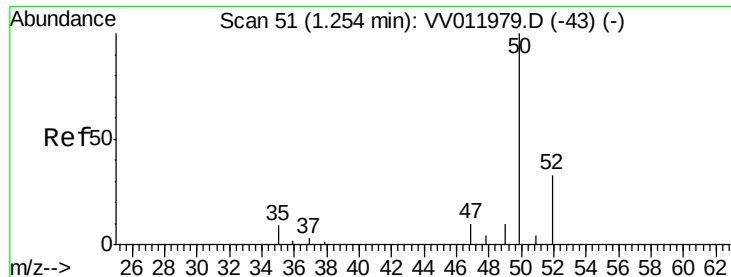
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.348 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV011995.D

Acq: 24 Jul 2019 04:57

Instrument :

MSVOA_V

ClientSampled :

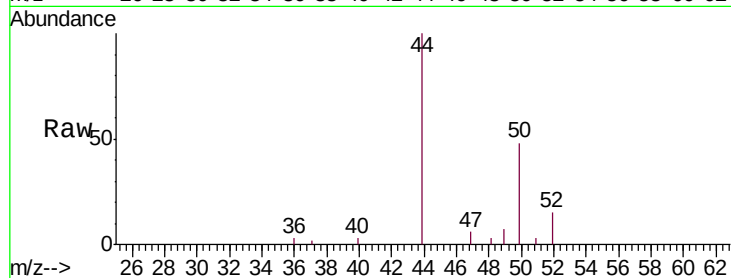
DB9A8

Tgt Ion: 50 Resp: 3173

Ion Ratio Lower Upper

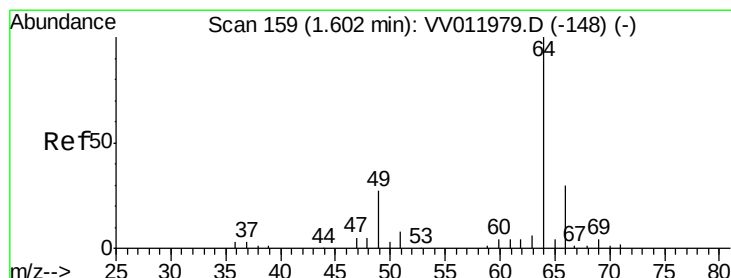
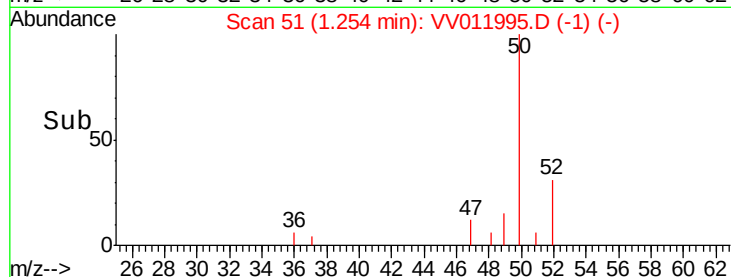
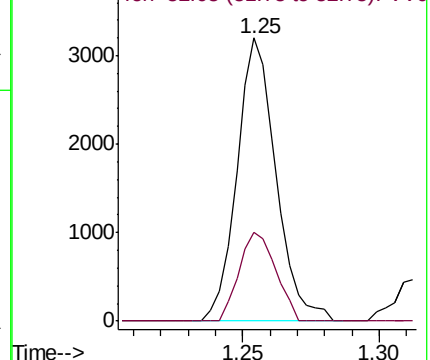
50 100

52 31.4 21.6 40.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.095 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV011995.D

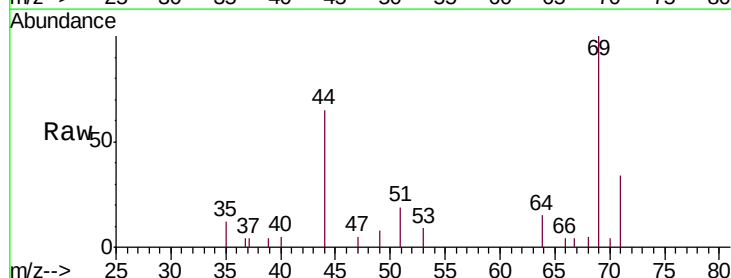
Acq: 24 Jul 2019 04:57

Tgt Ion: 64 Resp: 525

Ion Ratio Lower Upper

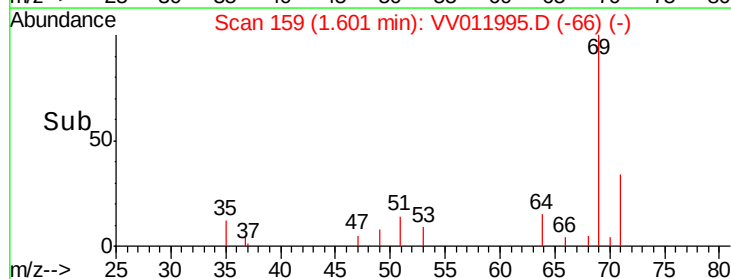
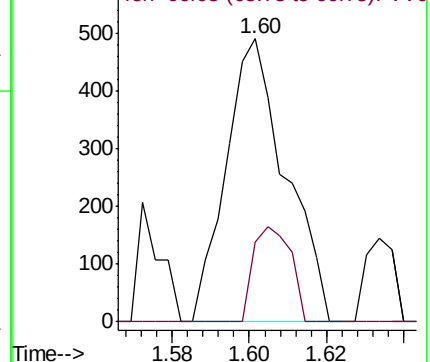
64 100

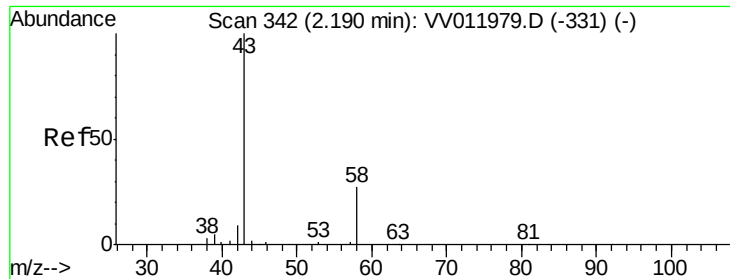
66 28.4 21.8 40.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 1.669 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV011995.D

Acq: 24 Jul 2019 04:57

Instrument :

MSVOA_V

ClientSampleId :

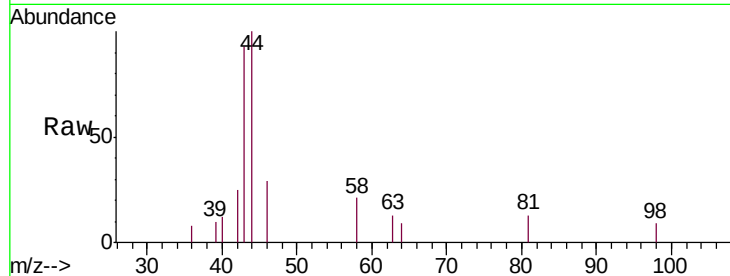
DB9A8

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

58 18.2 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011979.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011979.D (-331) (-)

2.19

1500

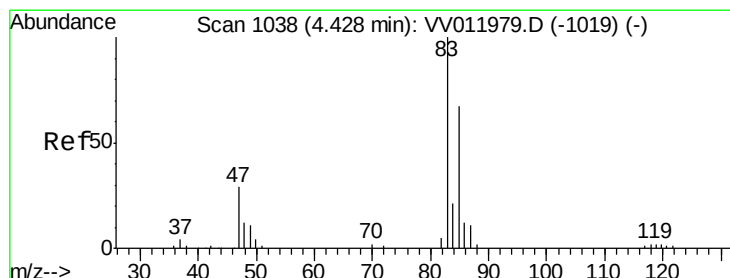
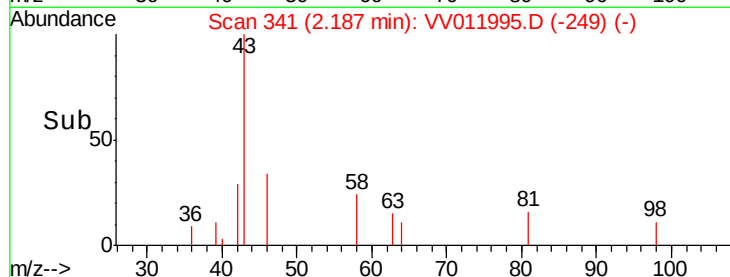
1000

500

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 0.218 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VV011995.D

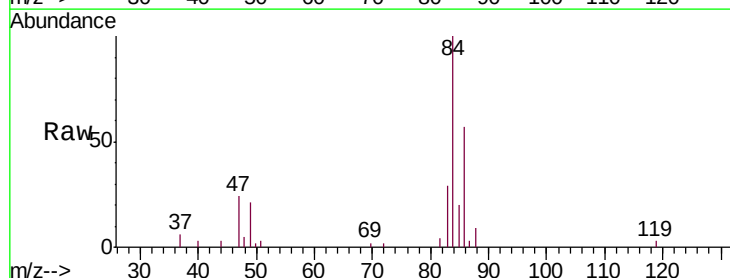
Acq: 24 Jul 2019 04:57

Tgt Ion: 83 Resp: 5005

Ion Ratio Lower Upper

83 100

85 68.7 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV011979.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV011979.D (-1019) (-)

4.43

2000

1500

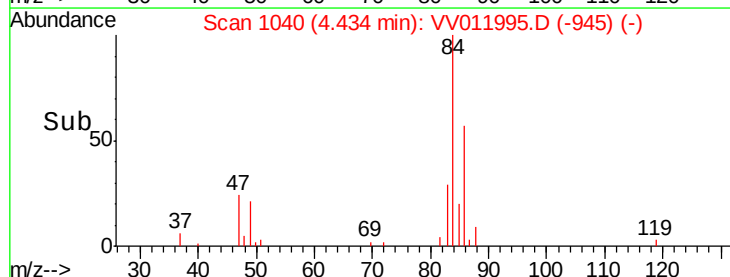
1000

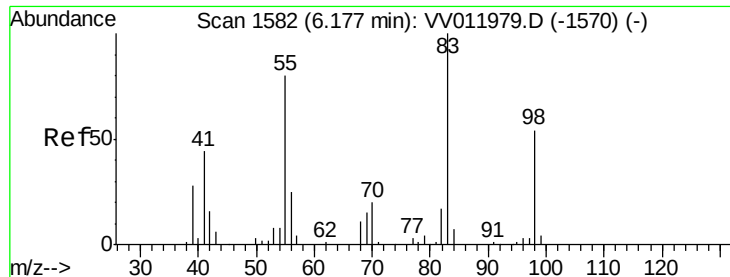
500

0

4.35 4.40 4.45 4.50

Time-->

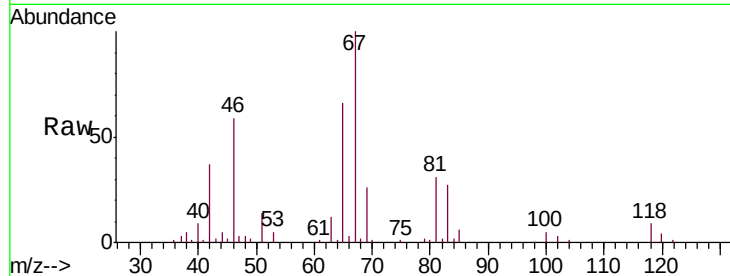




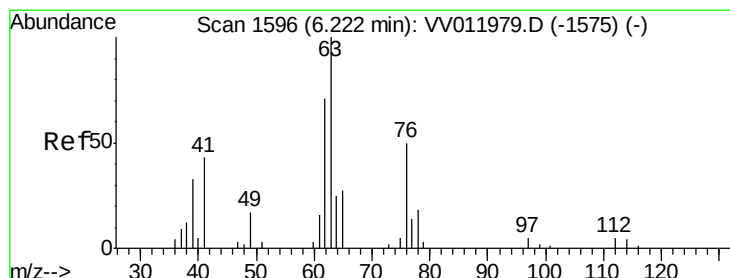
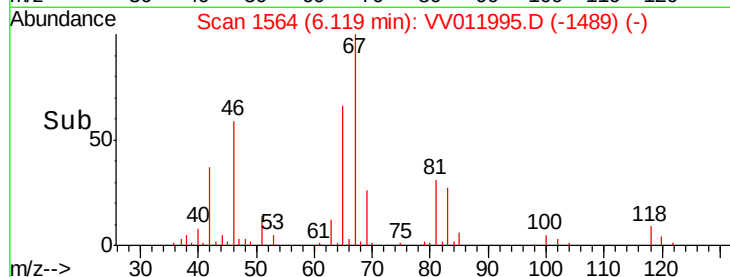
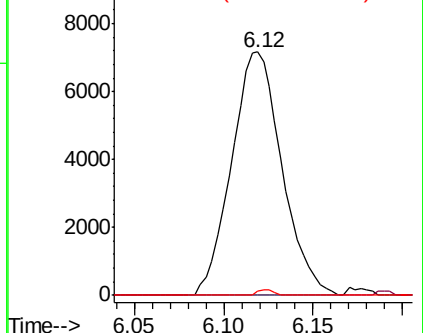
#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV011995.D
Acq: 24 Jul 2019 04:57

Instrument :
MSVOA_V
ClientSampleID :
DB9A8

Tgt Ion: 83 Resp: 14087
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 0.7 41.4 62.0#

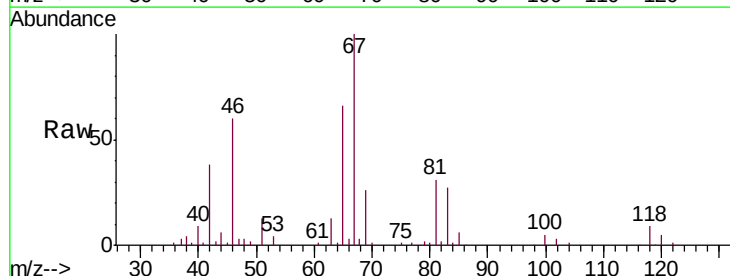


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

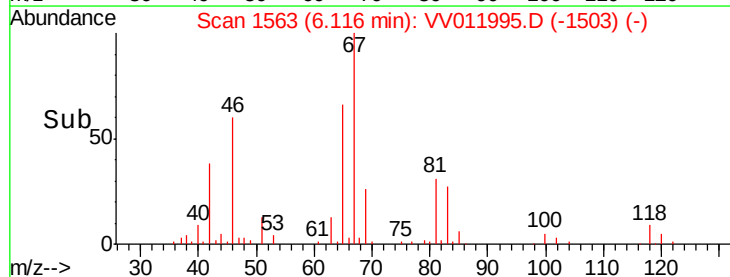
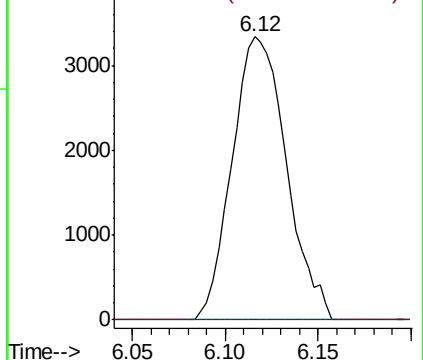


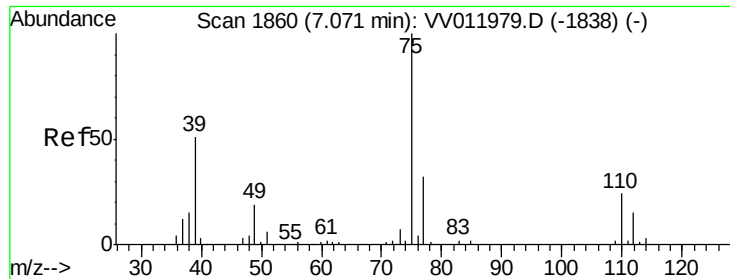
#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011995.D
Acq: 24 Jul 2019 04:57

Tgt Ion: 63 Resp: 6787
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

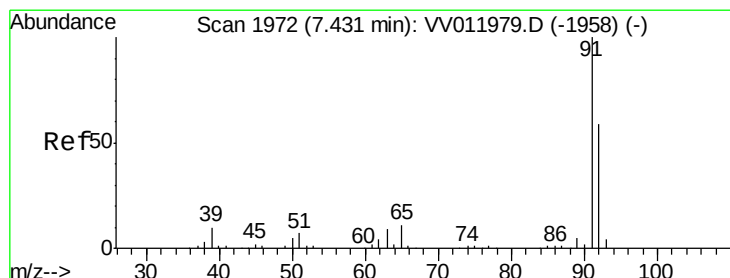
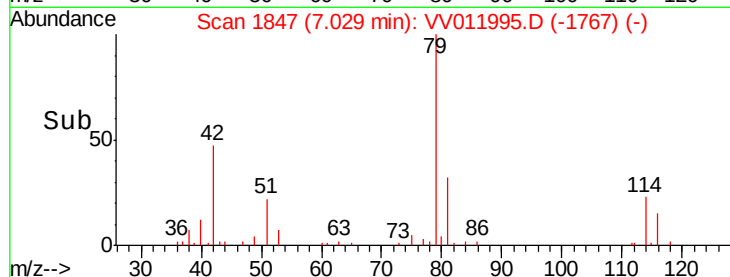
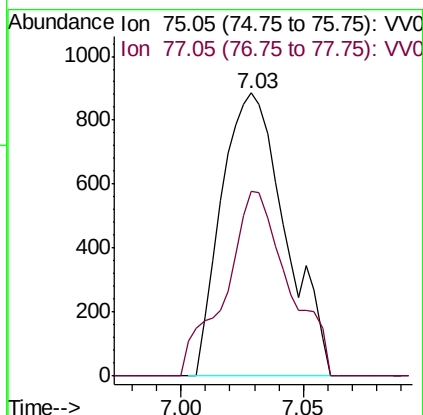
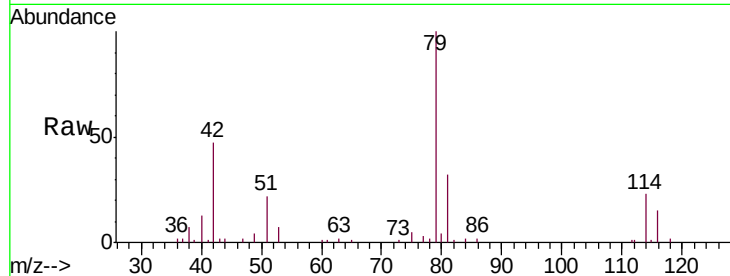




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011995.D
 Acq: 24 Jul 2019 04:57

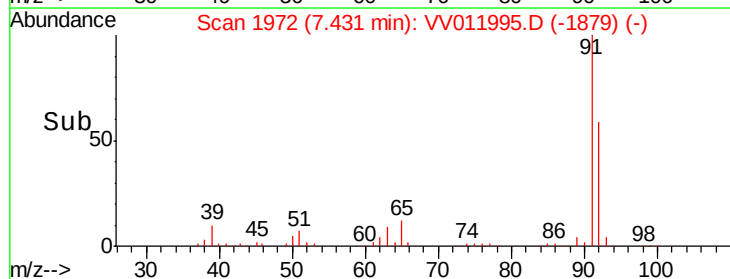
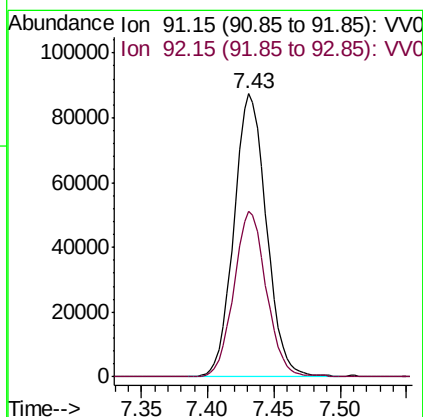
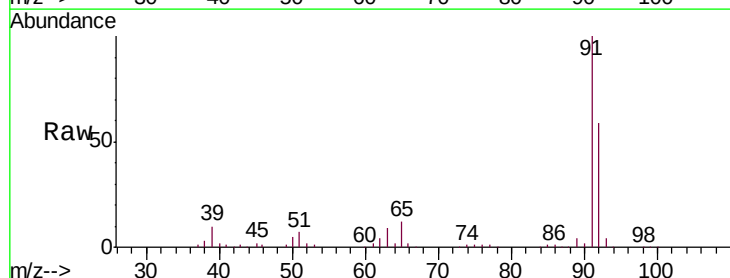
Instrument :
 MSVOA_V
 ClientSampleID :
 DB9A8

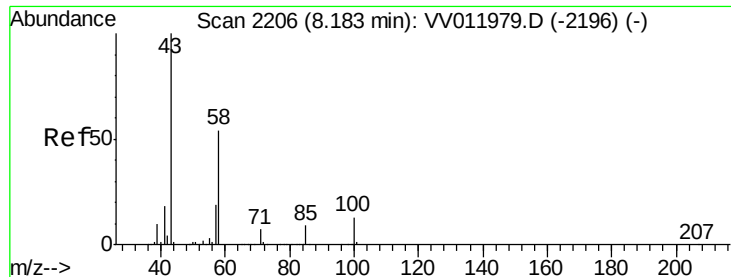
Tgt Ion: 75 Resp: 1608
 Ion Ratio Lower Upper
 75 100
 77 65.4 21.3 39.6#



#42
 Toluene
 Concen: 3.182 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011995.D
 Acq: 24 Jul 2019 04:57

Tgt Ion: 91 Resp: 148719
 Ion Ratio Lower Upper
 91 100
 92 58.6 41.9 77.9

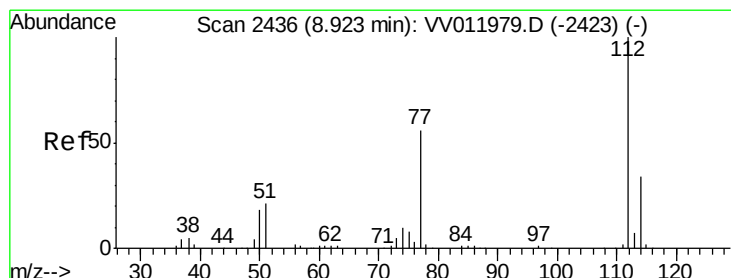
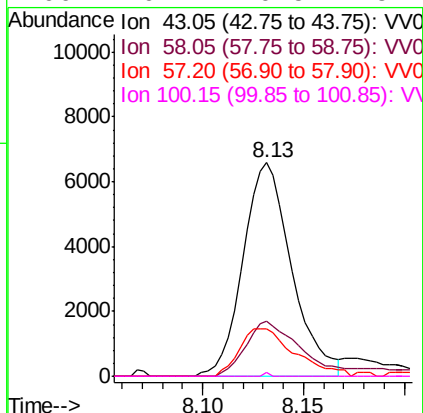
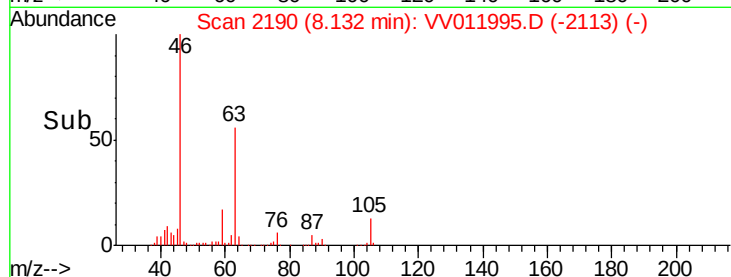
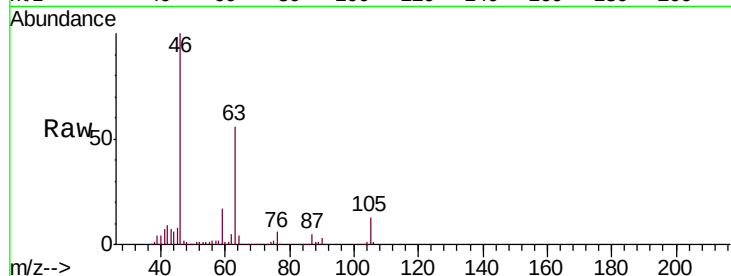




#48
2-Hexanone
Concen: 2.704 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011995.D
Acq: 24 Jul 2019 04:57

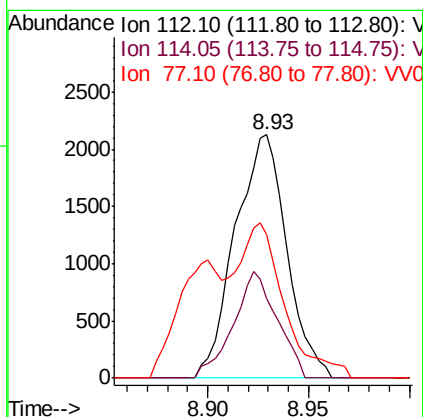
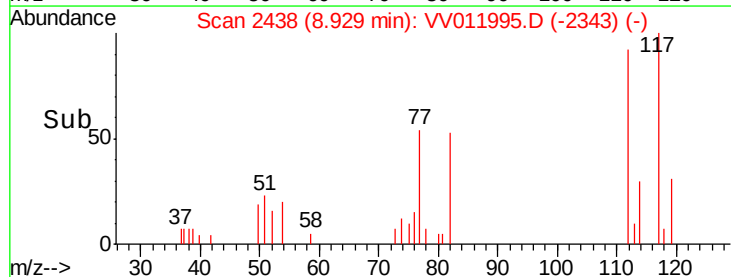
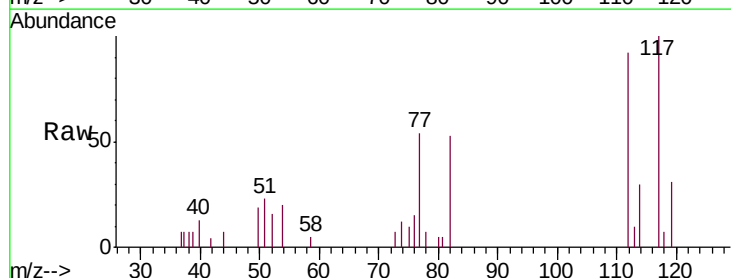
Instrument :
MSVOA_V
ClientSampleId :
DB9A8

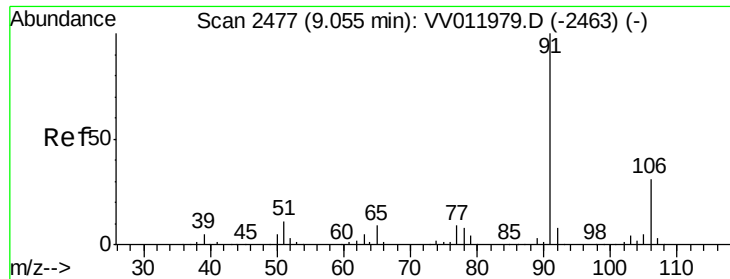
Tgt Ion: 43 Resp: 11096
Ion Ratio Lower Upper
43 100
58 29.0 43.7 65.5#
57 25.3 16.0 24.0#
100 0.2 10.5 15.7#



#51
Chlorobenzene
Concen: 0.124 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.01 min
Lab File: VV011995.D
Acq: 24 Jul 2019 04:57

Tgt Ion: 112 Resp: 3807
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.8
77 58.9 46.4 69.6





#52

Ethylbenzene

Concen: 0.793 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011995.D

Acq: 24 Jul 2019 04:57

Instrument :

MSVOA_V

ClientSampleId :

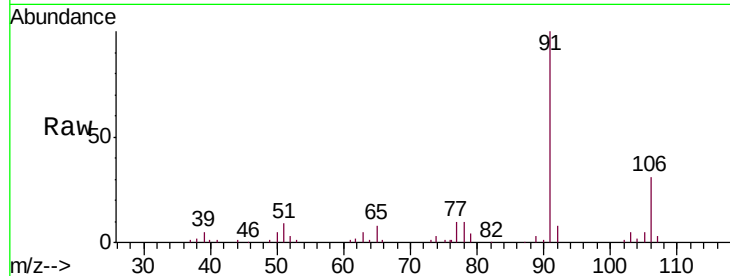
DB9A8

Tgt Ion: 91 Resp: 42315

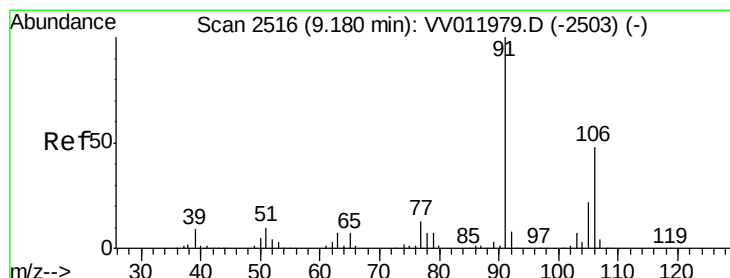
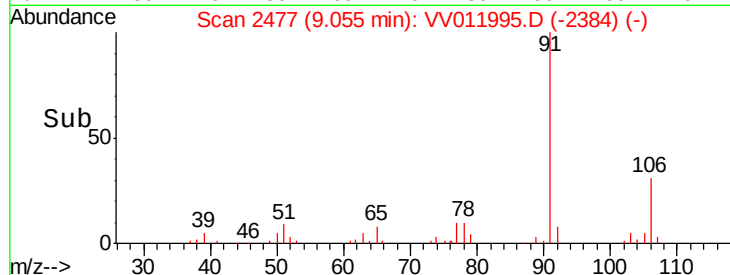
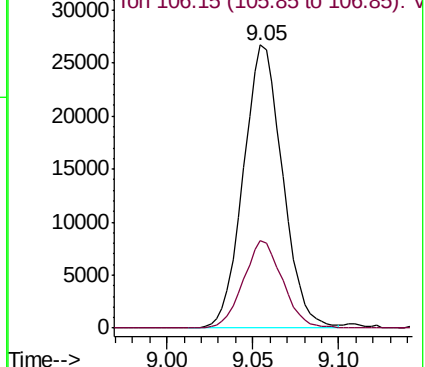
Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV011979.D (-2463) (-)



#53

m,p-xylene

Concen: 3.616 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011995.D

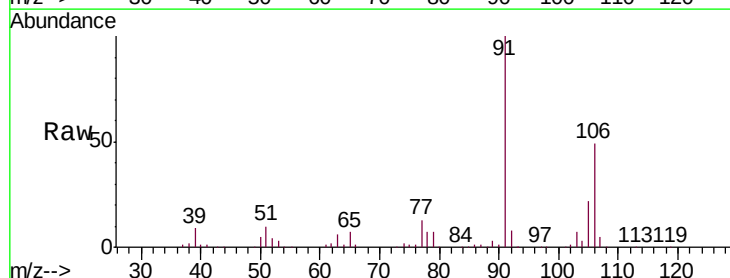
Acq: 24 Jul 2019 04:57

Tgt Ion: 106 Resp: 73440

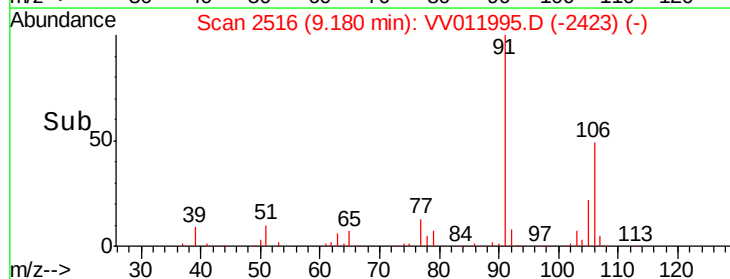
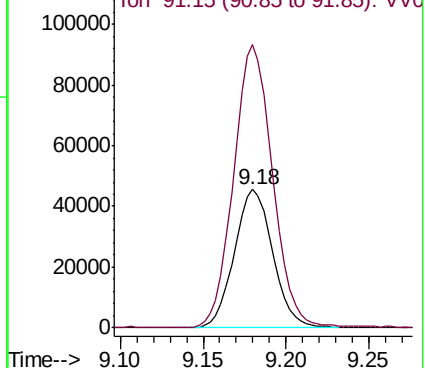
Ion Ratio Lower Upper

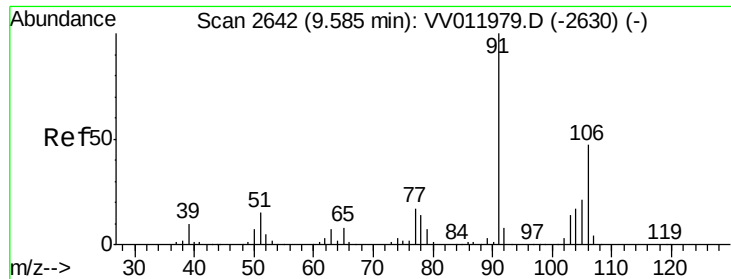
106 100

91 204.7 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV011979.D (-2503) (-)





#54
 o-xylene
 Concen: 1.408 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV011995.D
 Acq: 24 Jul 2019 04:57

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A8

Tgt Ion:106 Resp: 27105
 Ion Ratio Lower Upper
 106 100
 91 213.7 151.0 280.4

