

Data File : VV012393.D
Acq On : 26 Aug 2019 10:44
Operator : SY/MD
Sample : K4501-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL8

Quant Time: Aug 27 02:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	262381	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103123	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53979	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	39985	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.13	63	73758	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.95	46	139604	39.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.00%
24) Chloroform-d	4.40	84	119828	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.08	65	58764	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.10	84	247710	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.12	67	76852	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	201987	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.67	79	23388	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	8.14	63	66576	29.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39961	3.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	69734	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

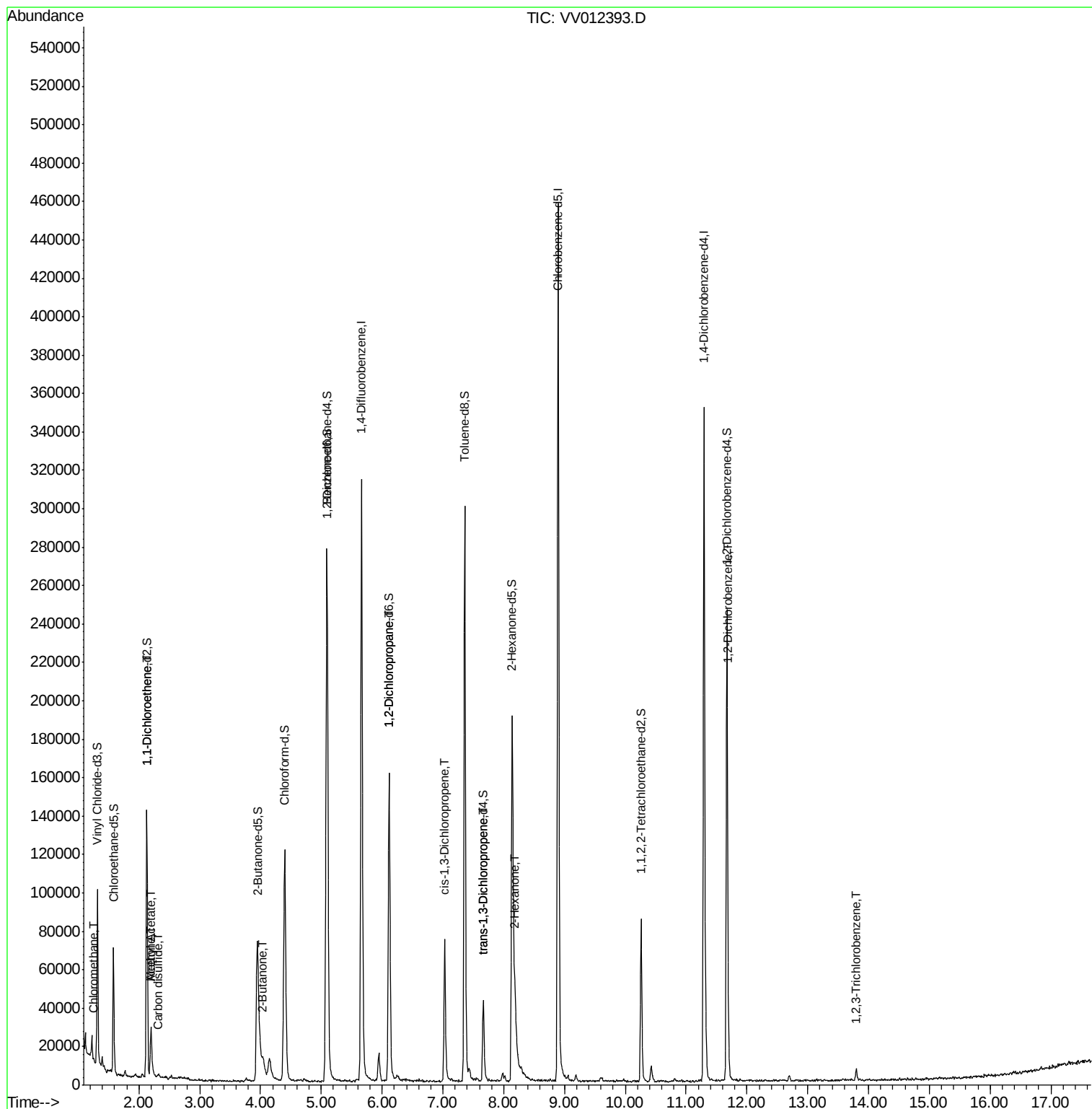
					Qvalue
3) Chloromethane	1.25	50	1543	0.090 ug/L	84
12) 1,1-Dichloroethene	2.13	96	825	0.078 ug/L #	1
13) Acetone	2.20	43	31953	20.899 ug/L	100
14) Carbon disulfide	2.32	76	1417	0.043 ug/L #	67
15) Methyl Acetate	2.20	43	29490	7.662 ug/L #	48
21) 2-Butanone	4.04	43	15539	4.327 ug/L	89
37) 1,2-Dichloropropane	6.12	63	8463	0.512 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	2262	0.102 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1160	0.069 ug/L	91
48) 2-Hexanone	8.19	43	21355	3.341 ug/L #	73
65) 1,2-Dichlorobenzene	11.69	146	2173	0.084 ug/L #	73
70) 1,2,3-Trichlorobenzene	13.79	180	2053	0.147 ug/L	91

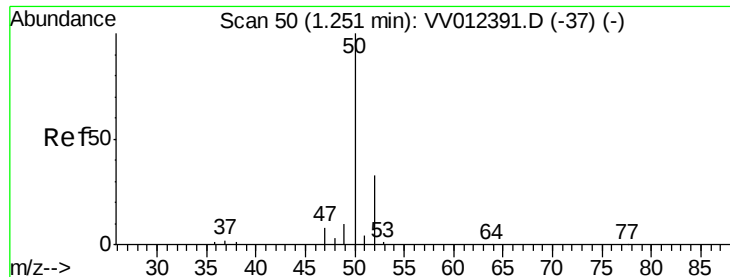
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012393.D

Acq: 26 Aug 2019 10:44

Instrument :

MSVOA_V

ClientSampleId :

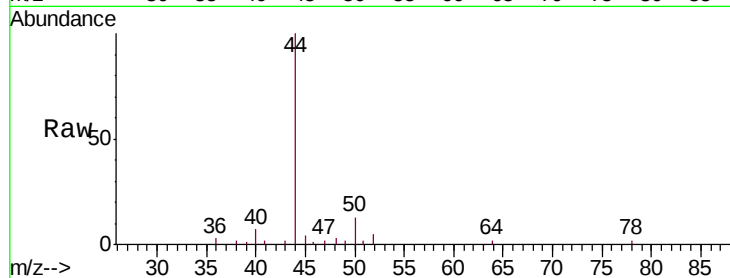
GANL8

Tgt Ion: 50 Resp: 1543

Ion Ratio Lower Upper

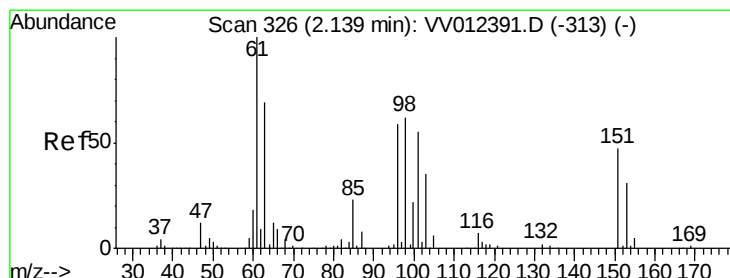
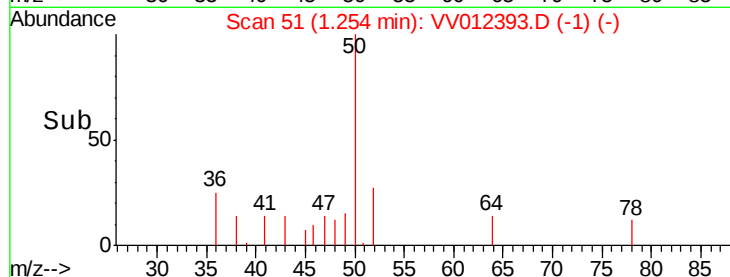
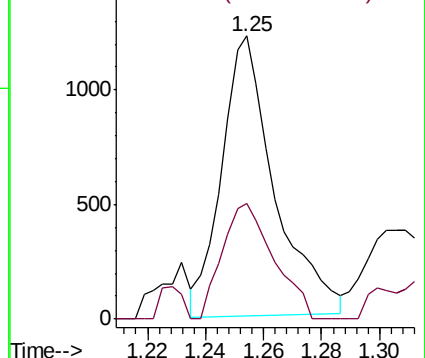
50 100

52 40.7 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012393.D

Acq: 26 Aug 2019 10:44

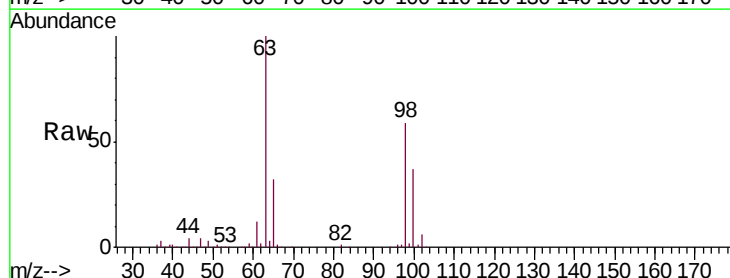
Tgt Ion: 96 Resp: 825

Ion Ratio Lower Upper

96 100

61 1073.5 122.3 227.1#

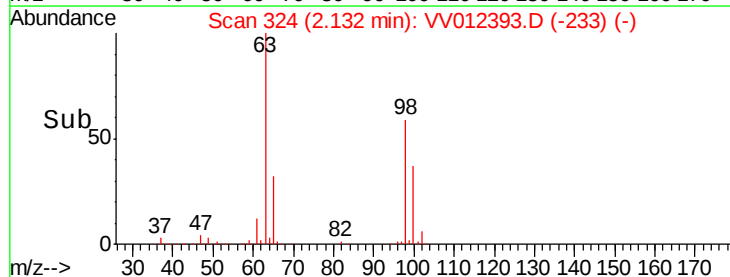
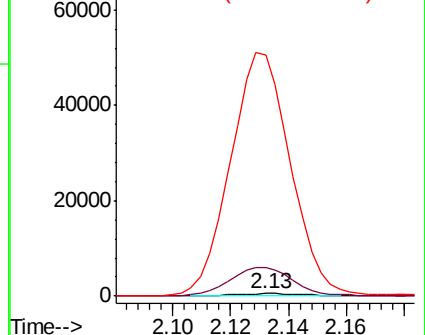
63 8952.7 90.6 168.2#

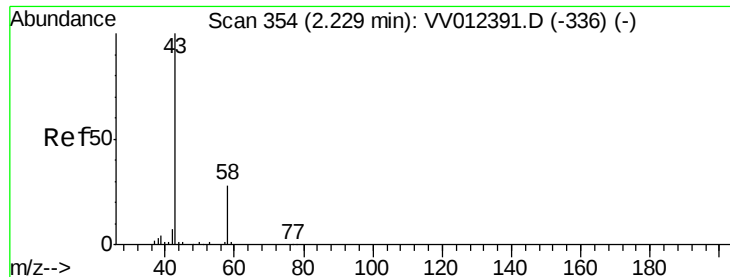


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 20.899 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV012393.D

Acq: 26 Aug 2019 10:44

Instrument :

MSVOA_V

ClientSampleId :

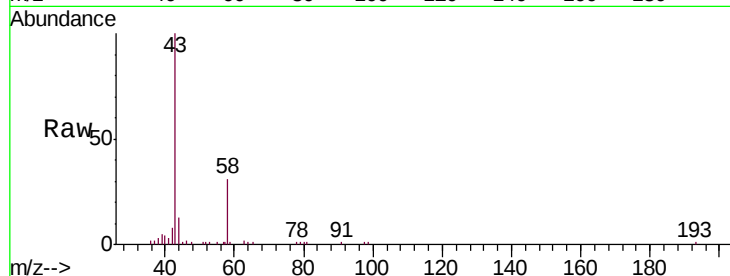
GANL8

Tgt Ion: 43 Resp: 31953

Ion Ratio Lower Upper

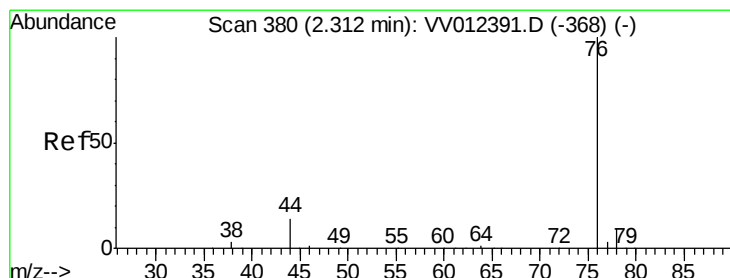
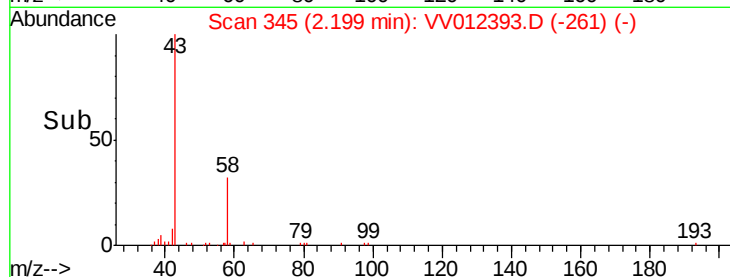
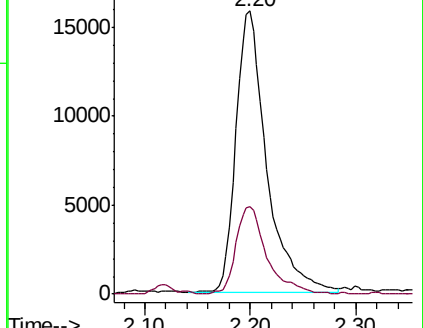
43 100

58 31.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV012393.D

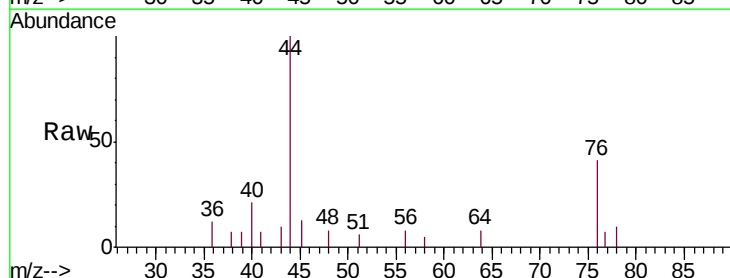
Acq: 26 Aug 2019 10:44

Tgt Ion: 76 Resp: 1417

Ion Ratio Lower Upper

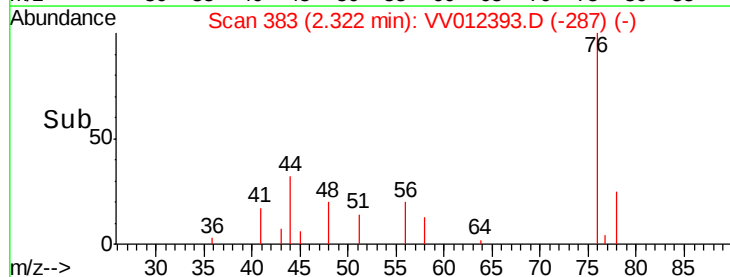
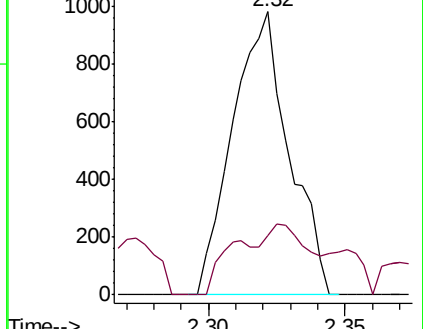
76 100

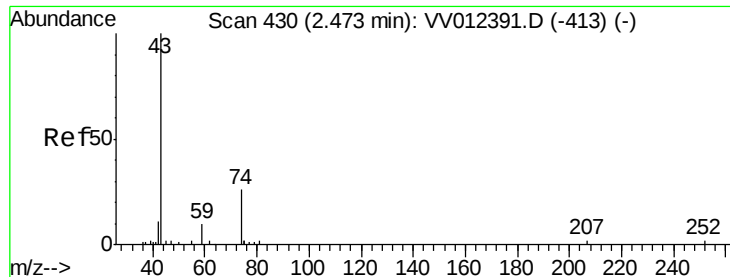
78 21.2 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

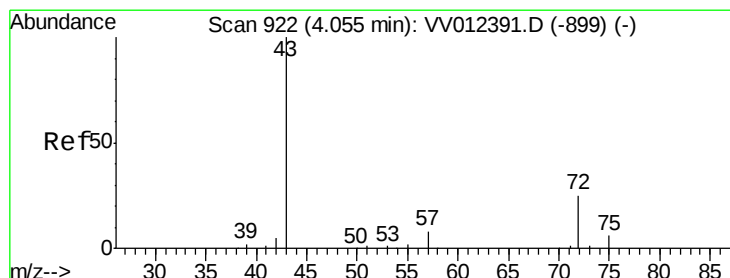
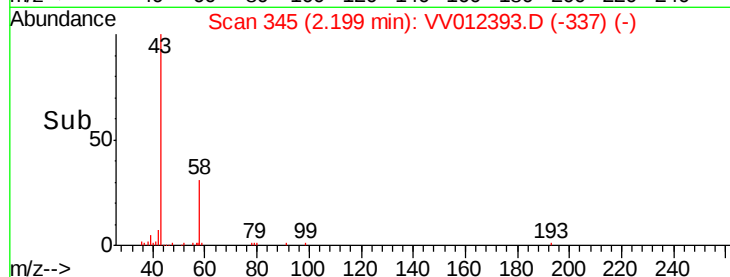
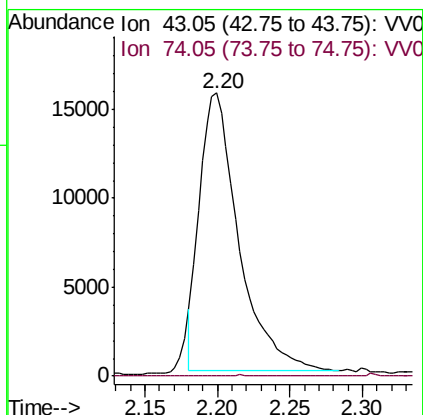
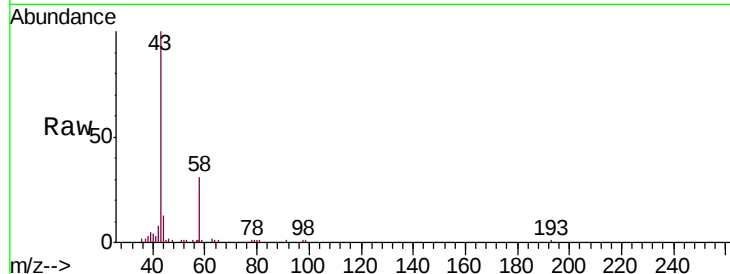




#15
Methyl Acetate
Concen: 7.662 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.27 min
Lab File: VV012393.D
Acq: 26 Aug 2019 10:44

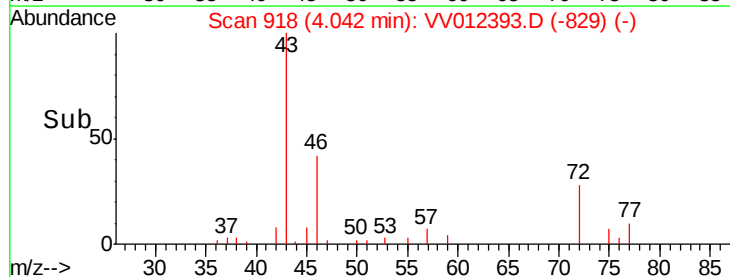
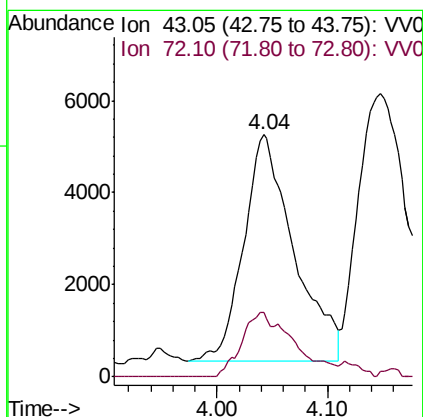
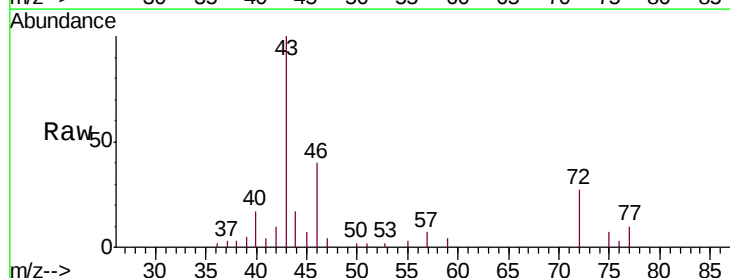
Instrument :
MSVOA_V
ClientSampleId :
GANL8

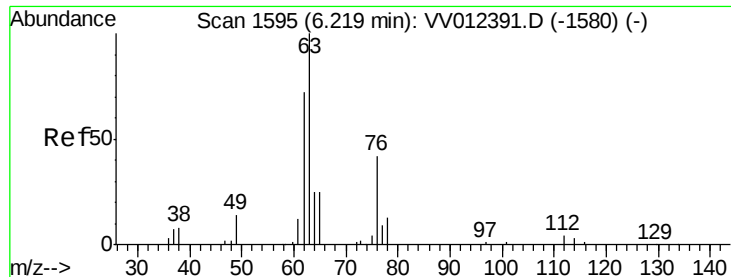
Tgt Ion: 43 Resp: 29490
Ion Ratio Lower Upper
43 100
74 0.1 21.8 32.6#



#21
2-Butanone
Concen: 4.327 ug/L
RT: 4.04 min Scan# 918
Delta R.T. -0.01 min
Lab File: VV012393.D
Acq: 26 Aug 2019 10:44

Tgt Ion: 43 Resp: 15539
Ion Ratio Lower Upper
43 100
72 29.8 12.2 36.6

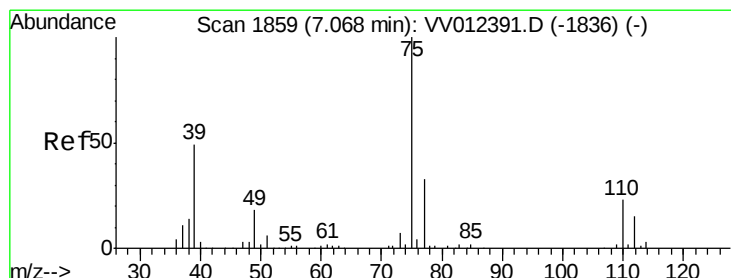
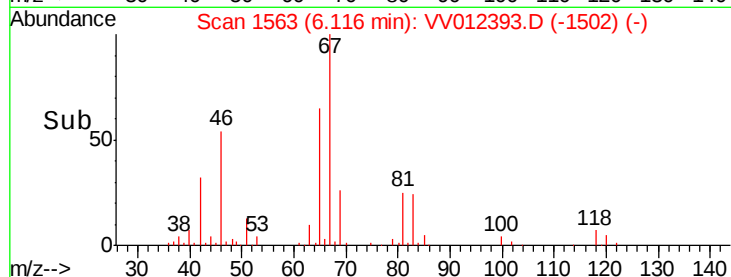
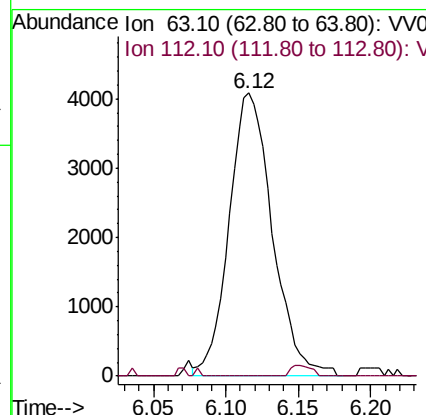
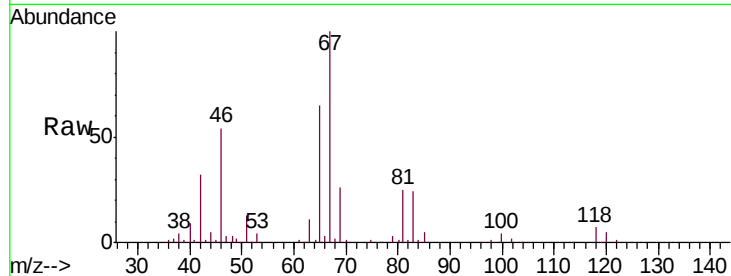




#37
 1,2-Dichloropropane
 Concen: 0.512 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012393.D
 Acq: 26 Aug 2019 10:44

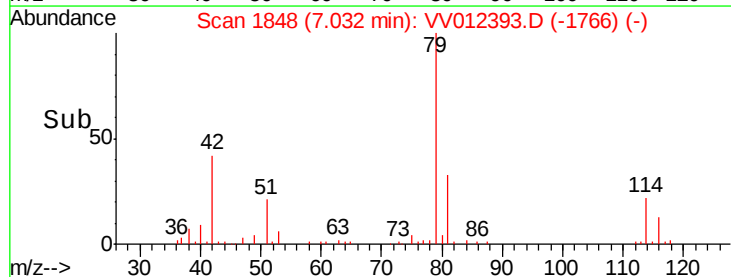
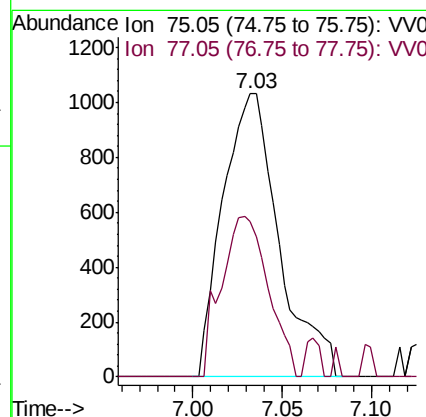
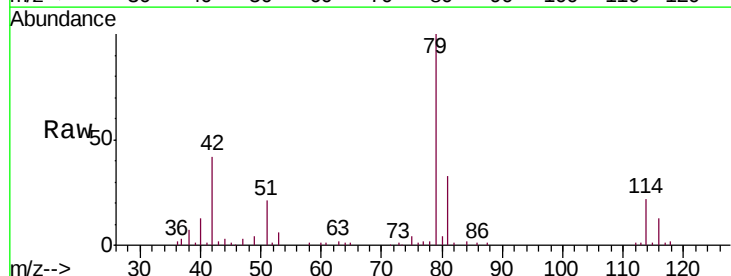
Instrument :
 MSVOA_V
 ClientSampleId :
 GANL8

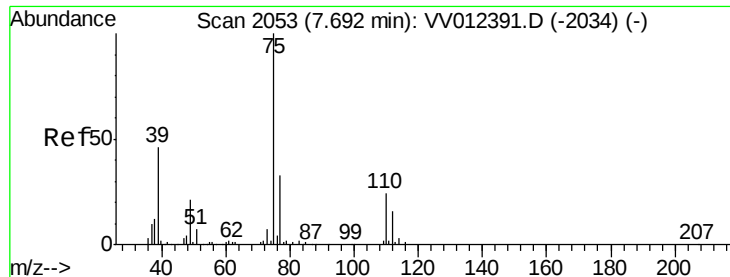
Tgt Ion: 63 Resp: 8463
 Ion Ratio Lower Upper
 63 100
 112 1.8 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012393.D
 Acq: 26 Aug 2019 10:44

Tgt Ion: 75 Resp: 2262
 Ion Ratio Lower Upper
 75 100
 77 54.7 23.2 43.2#

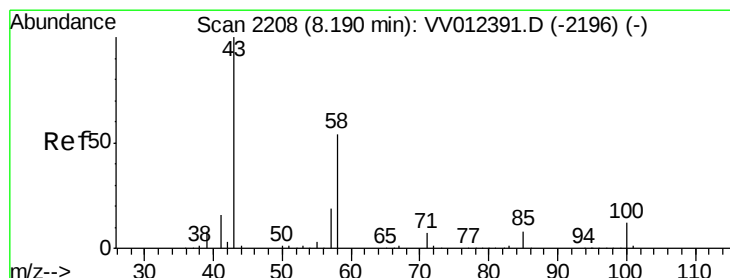
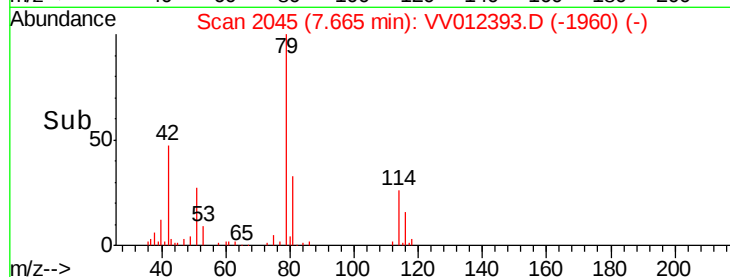
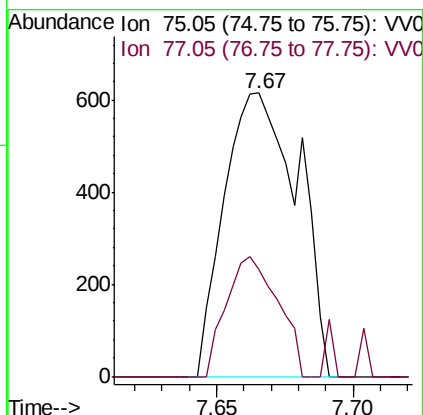
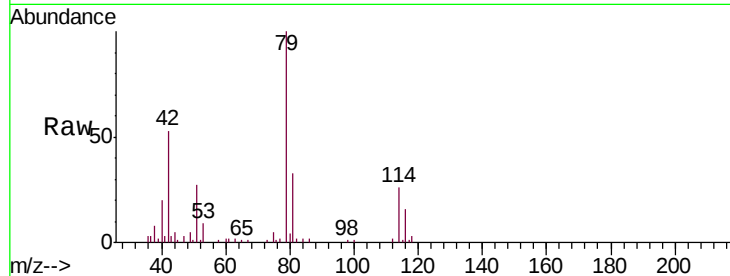




#44
 trans-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012393.D
 Acq: 26 Aug 2019 10:44

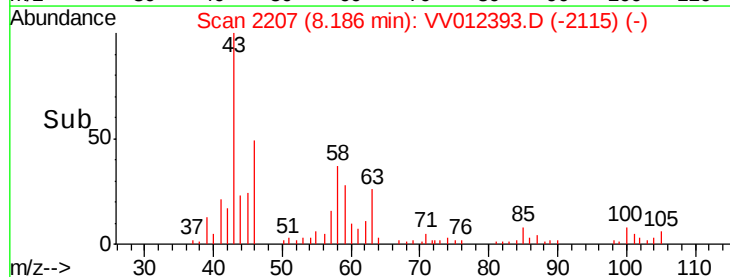
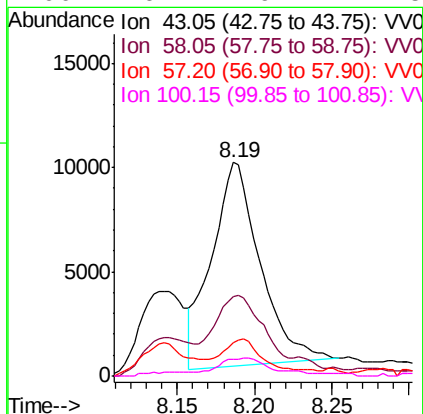
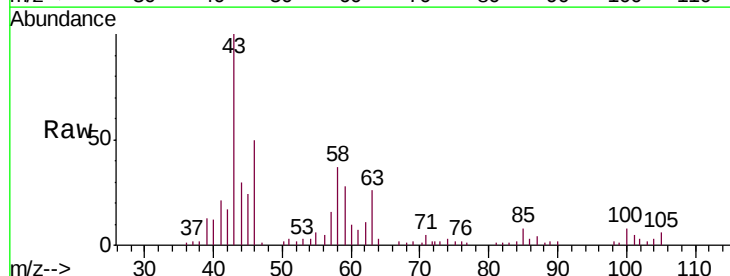
Instrument :
 MSVOA_V
 ClientSampled :
 GANL8

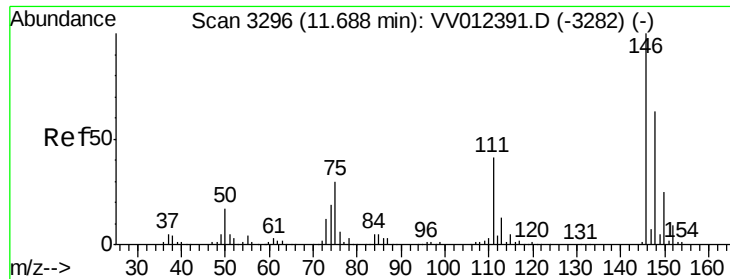
Tgt Ion: 75 Resp: 1160
 Ion Ratio Lower Upper
 75 100
 77 37.6 22.6 42.0



#48
 2-Hexanone
 Concen: 3.341 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VV012393.D
 Acq: 26 Aug 2019 10:44

Tgt Ion: 43 Resp: 21355
 Ion Ratio Lower Upper
 43 100
 58 31.3 46.3 69.5#
 57 15.0 14.9 22.3
 100 6.4 9.7 14.5#





#65

1,2-Dichlorobenzene

Concen: 0.084 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV012393.D

Acq: 26 Aug 2019 10:44

Instrument :

MSVOA_V

ClientSampleId :

GANL8

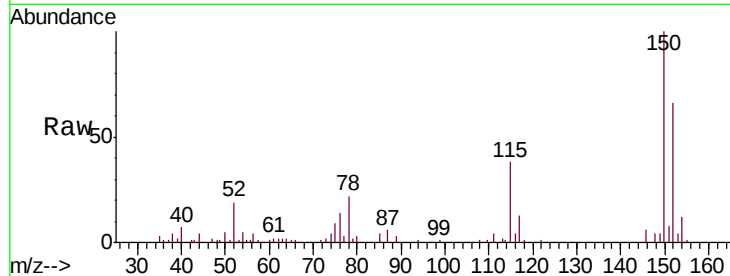
Tgt Ion:146 Resp: 2173

Ion Ratio Lower Upper

146 100

111 65.4 31.9 47.9#

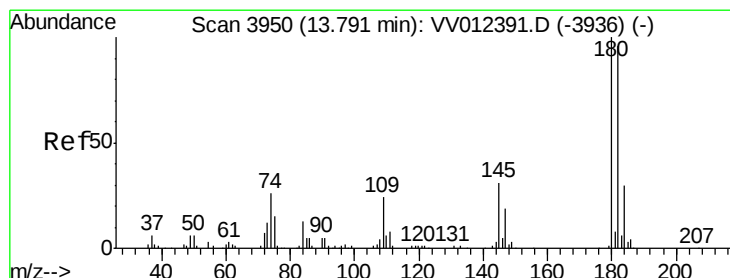
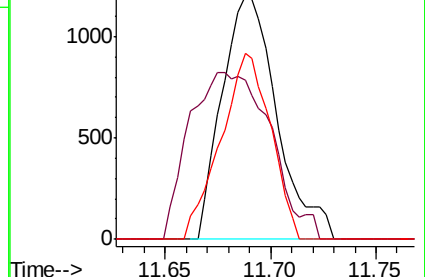
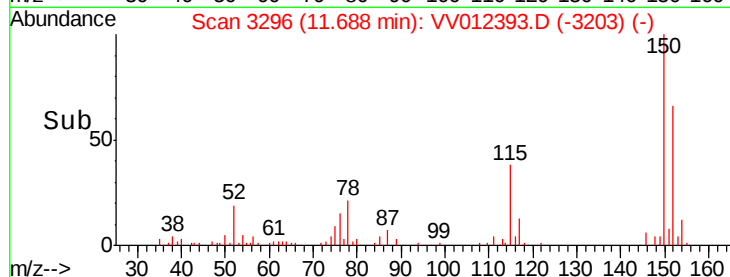
148 76.5 50.2 75.4#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.147 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV012393.D

Acq: 26 Aug 2019 10:44

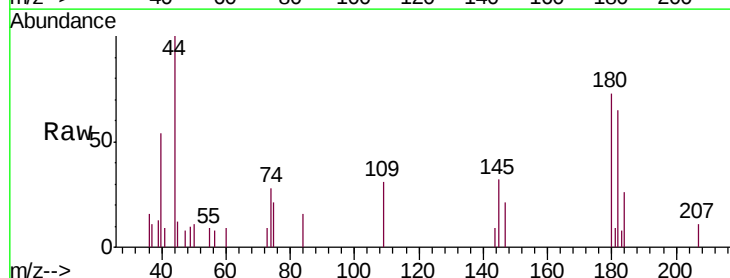
Tgt Ion:180 Resp: 2053

Ion Ratio Lower Upper

180 100

182 85.2 75.1 112.7

145 34.1 23.4 35.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

