

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016619.D
 Acq On : 07 Jun 2020 04:08
 Operator : SY/MD
 Sample : L2875-20MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX2MS

Quant Time: Jun 07 07:15:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351372	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155168	50.00	ug/L	0.00

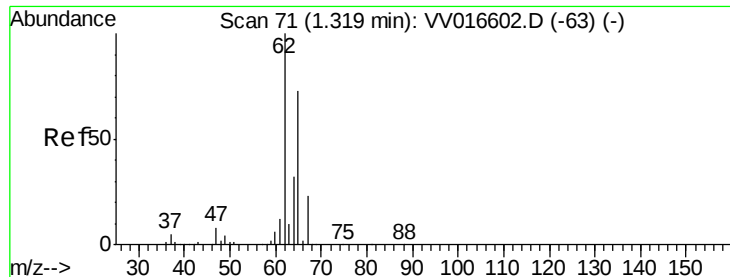
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112768	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.62%
7) Chloroethane-d5	1.56	69	75532	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.12	63	194607	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
21) 2-Butanone-d5	3.90	46	175435	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.37	84	227399	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
26) 1,2-Dichloroethane-d4	5.05	65	162961	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
32) Benzene-d6	5.07	84	462225	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	6.09	67	143894	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.86%
41) Toluene-d8	7.34	98	415829	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.64	79	62958	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.11	63	128163	110.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184173	49.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	159747	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3168	1.174 ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1502	0.741 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	83986	43.053 ug/L	94
13) Acetone	2.17	43	2033	1.367 ug/L	67
20) cis-1,2-Dichloroethene	3.94	96	1863	0.701 ug/L	71
27) 1,2-Dichloroethane	5.13	62	4333	1.118 ug/L #	76
33) Benzene	5.13	78	490814	51.237 ug/L	100
34) Trichloroethene	5.94	95	122395	48.694 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4924	1.353 ug/L #	81
42) Toluene	7.41	91	517691	51.001 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3394	0.950 ug/L	95
51) Chlorobenzene	8.90	112	332286	49.808 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	18819	6.040 ug/L	90

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



#5

Vinyl chloride

Concen: 1.174 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016619.D

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Instrument :

MSVOA_V

ClientSampleId :

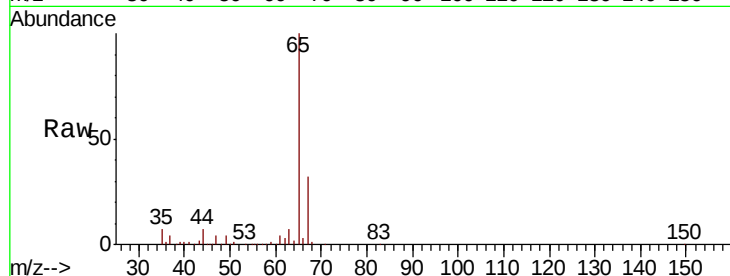
ETTX2MS

Tot Ion: 62 Resp: 3168

Ion Ratio Lower Upper

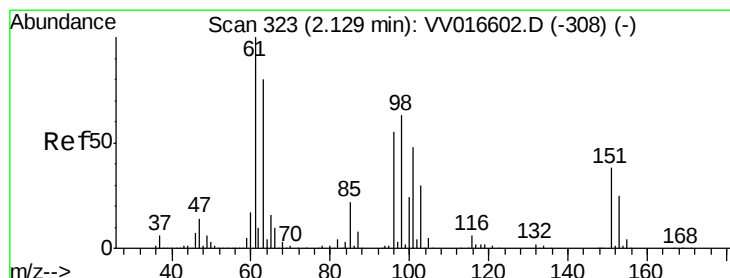
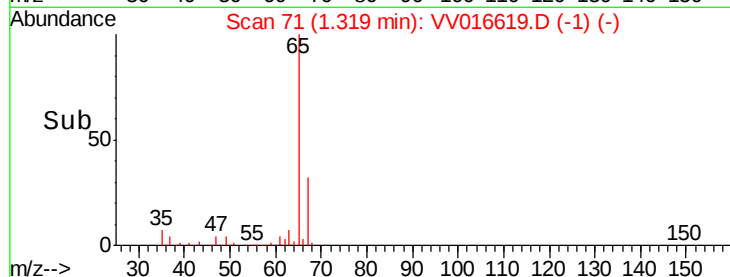
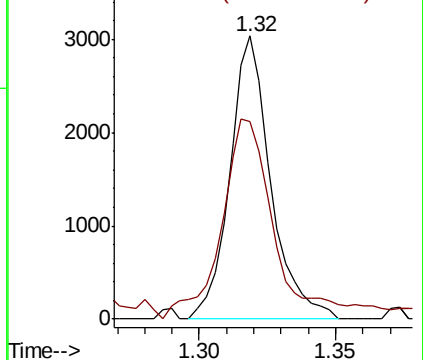
62 100

64 69.9 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016602.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016619.D (-230) (-)



#10

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

Concen: 0.741 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

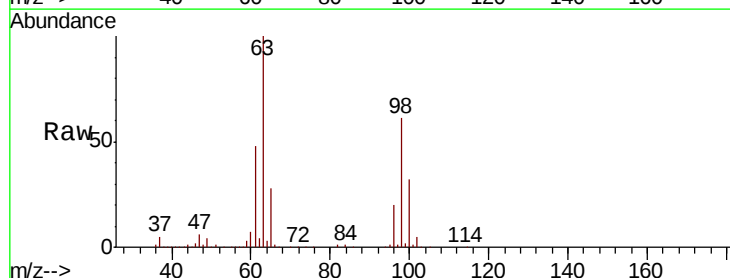
Tgt Ion: 101 Resp: 1502

Ion Ratio Lower Upper

101 100

85 1.9 35.6 53.4#

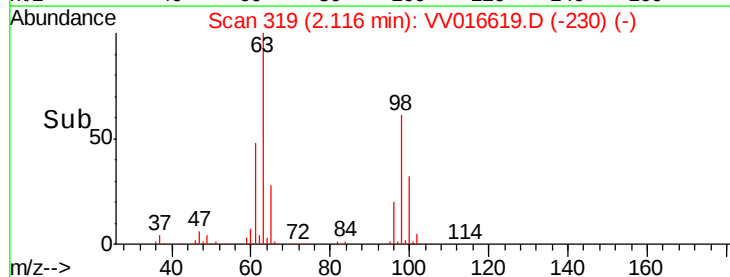
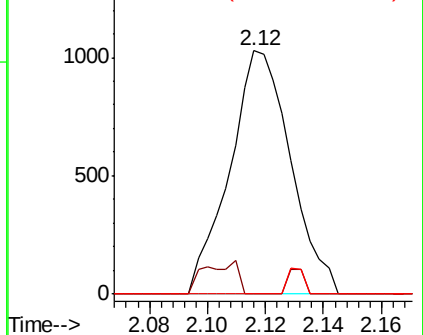
151 0.0 61.8 92.8#

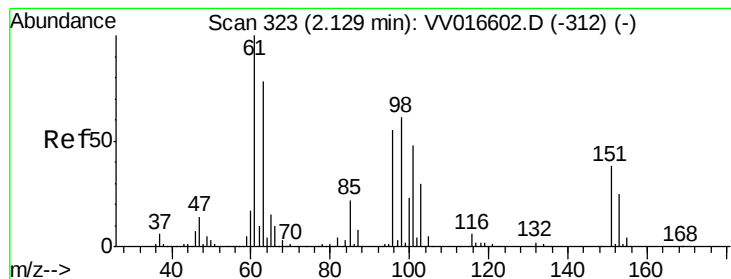


Abundance Ion 101.00 (100.70 to 101.70): VV016602.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV016619.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016619.D (-230) (-)





#12

1,1-Dichloroethene

Concen: 43.053 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

Instrument :

MSVOA_V

ClientSampleId :

ETTX2MS

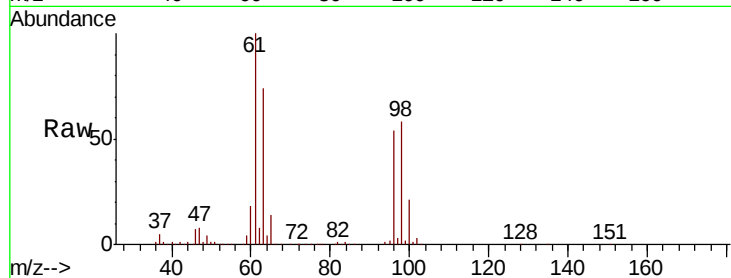
Tot Ion: 96 Resp: 83986

Ion Ratio Lower Upper

96 100

61 186.4 125.5 233.1

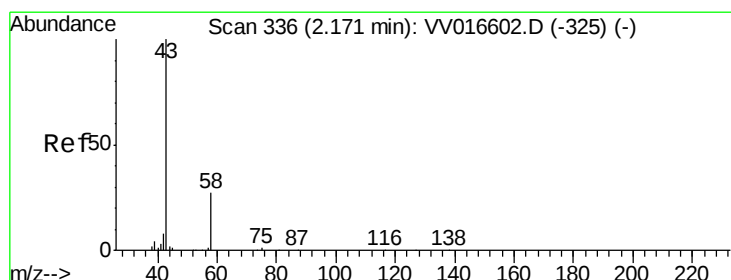
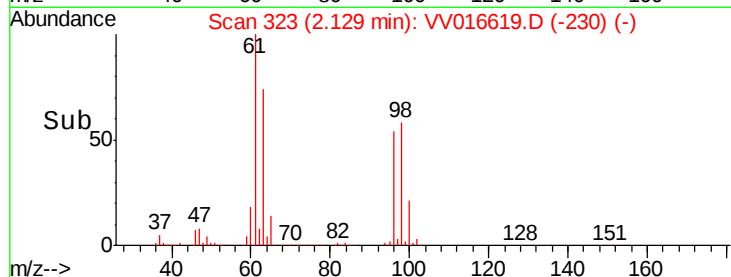
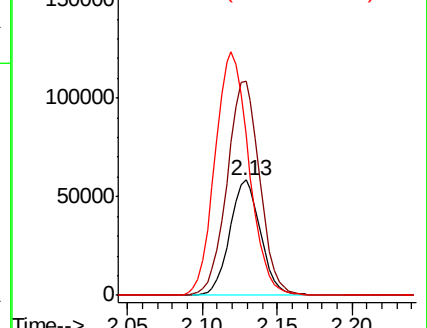
63 138.6 104.0 193.1



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



#13

Acetone

Concen: 1.367 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016619.D

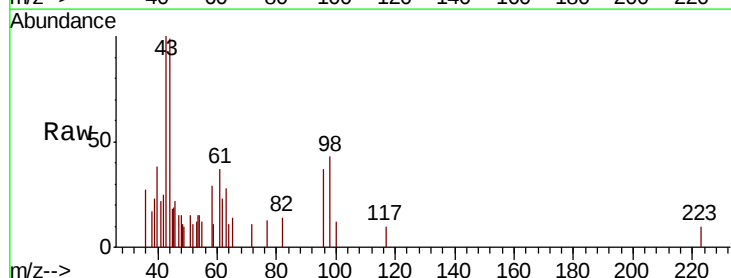
Acq: 07 Jun 2020 04:08

Tgt Ion: 43 Resp: 2033

Ion Ratio Lower Upper

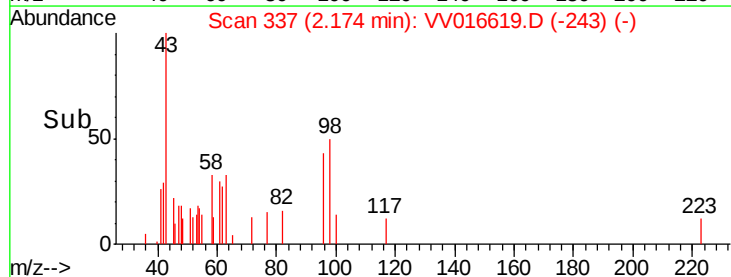
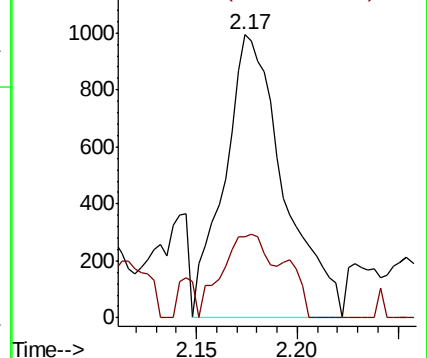
43 100

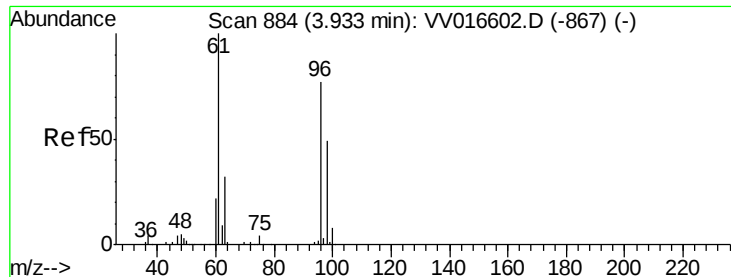
58 11.0 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

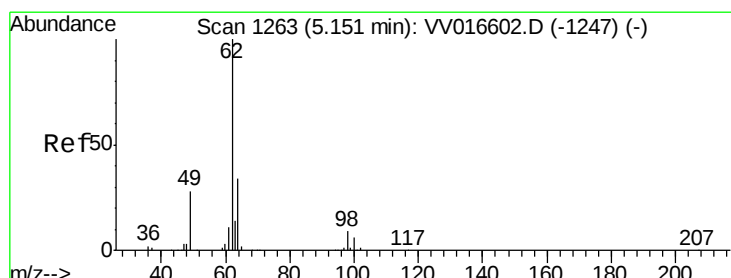
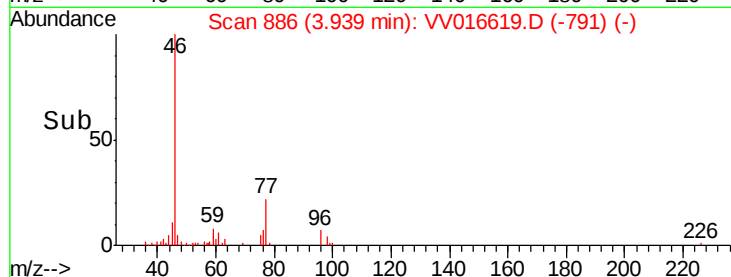
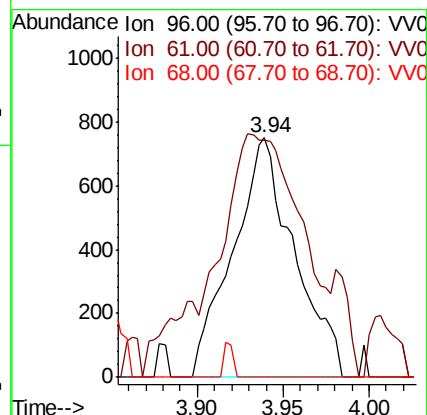
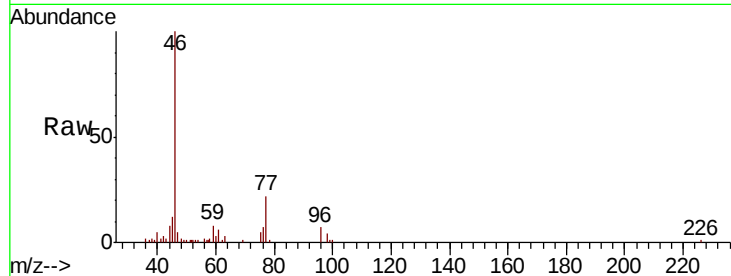




#20
 cis-1,2-Dichloroethene
 Concen: 0.701 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV016619.D
 Acq: 07 Jun 2020 04:08

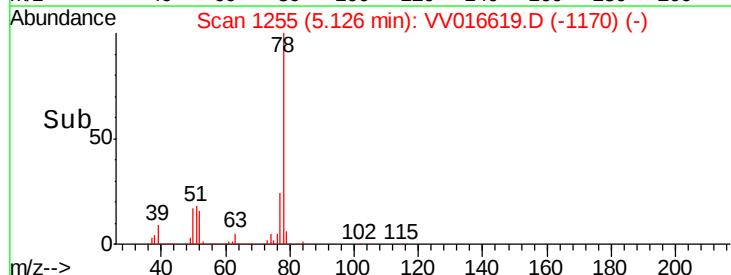
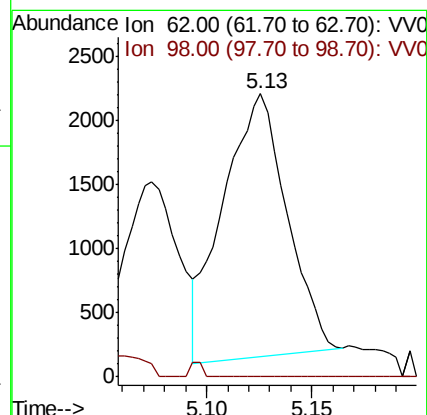
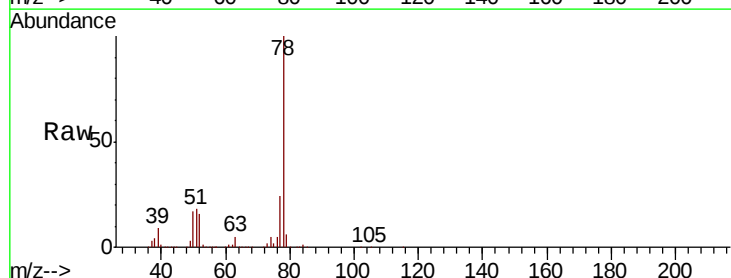
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX2MS

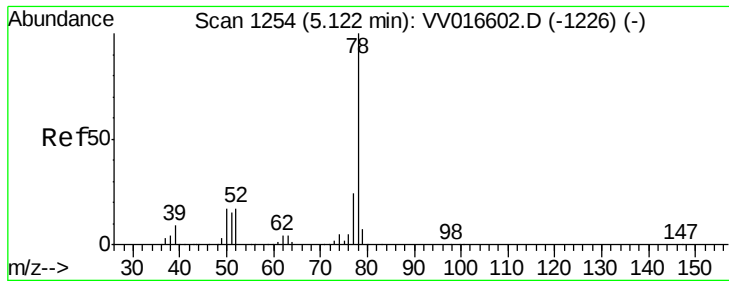
Tot Ion: 96 Resp: 1863
 Ion Ratio Lower Upper
 96 100
 61 98.9 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 1.118 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VV016619.D
 Acq: 07 Jun 2020 04:08

Tgt Ion: 62 Resp: 4333
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#





#33

Benzene

Concen: 51.237 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

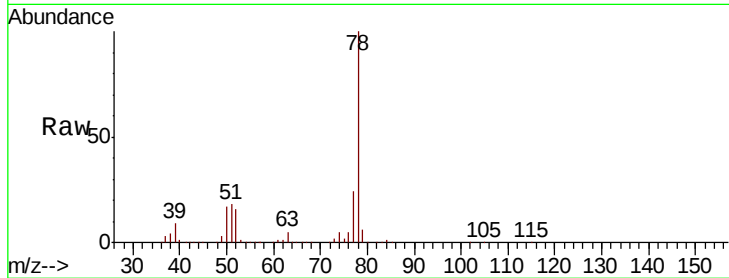
Instrument :

MSVOA_V

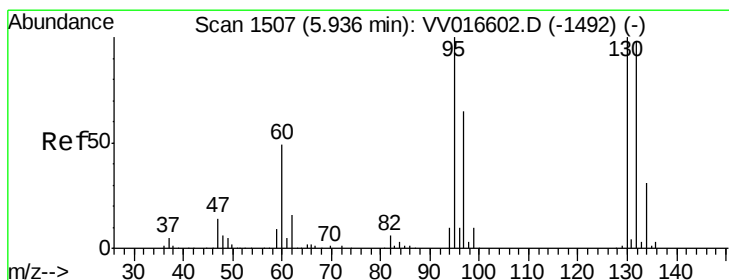
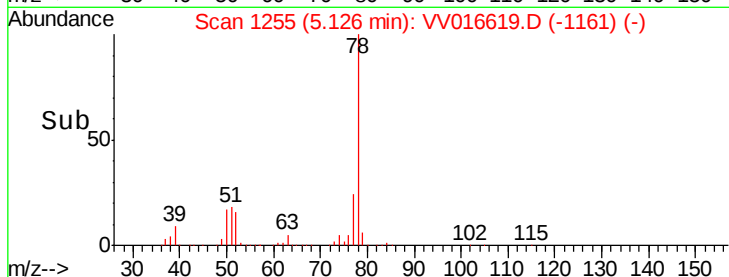
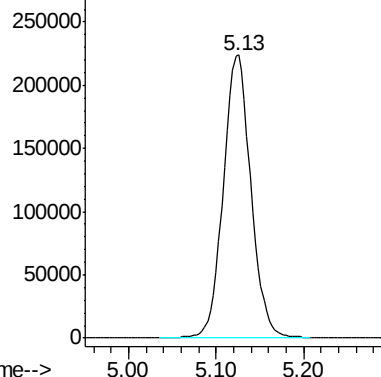
ClientSampleId :

ETTX2MS

Tgt Ion: 78 Resp: 490814



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 48.694 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

Tgt Ion: 95 Resp: 122395

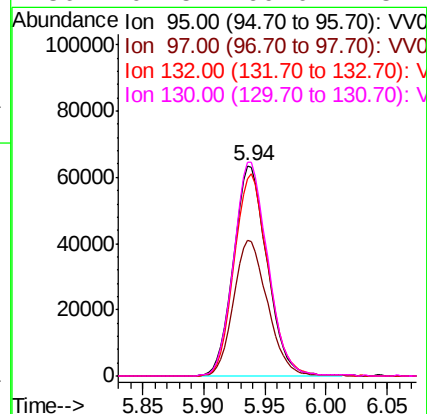
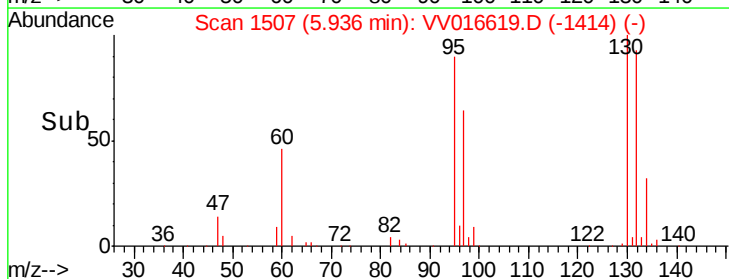
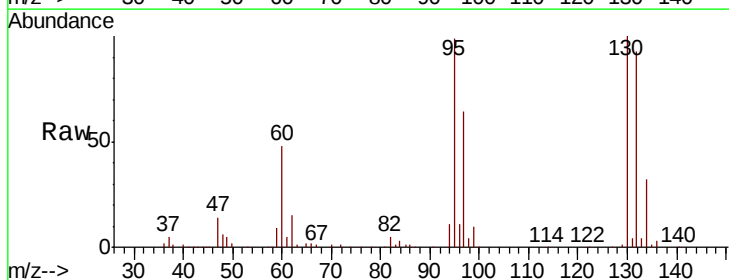
Ion	Ratio	Lower	Upper
95	100		
97	64.7	42.8	79.6
132	94.0	65.6	121.8
130	101.5	69.0	128.1

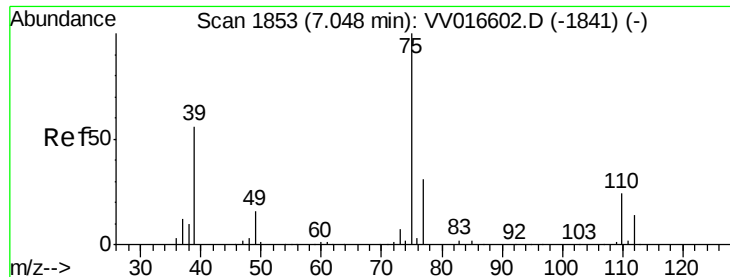
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.353 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

Instrument :

MSVOA_V

ClientSampleId :

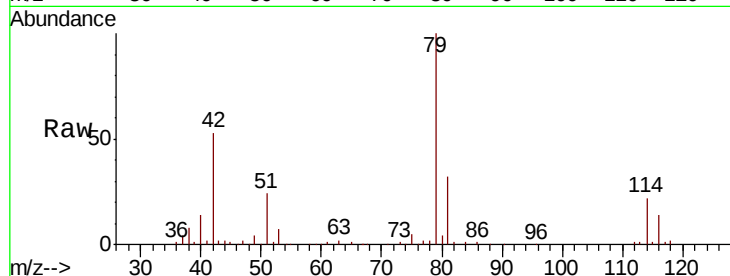
ETTX2MS

Tot Ion: 75 Resp: 4924

Ion Ratio Lower Upper

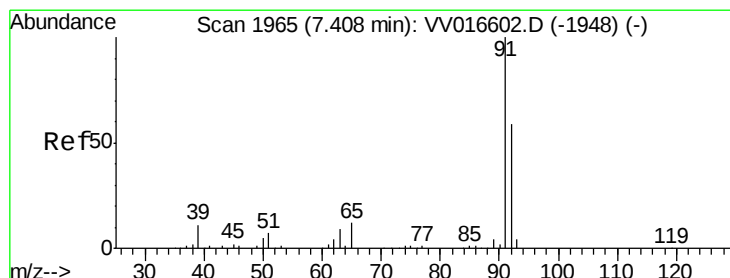
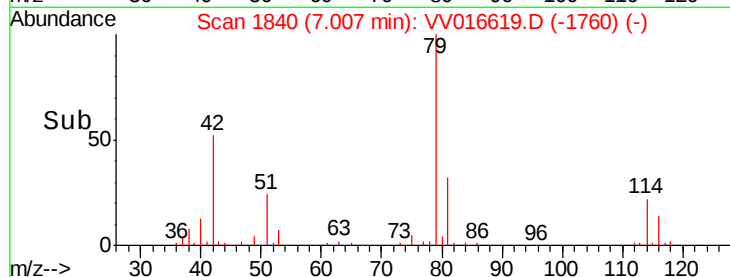
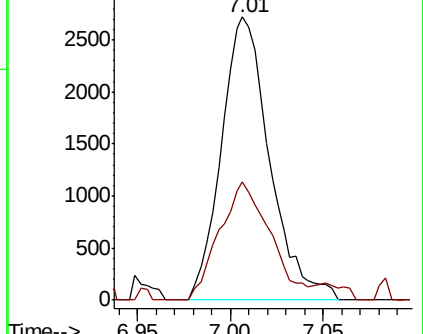
75 100

77 41.8 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VV016602.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV016619.D (-1760) (-)



#42

Toluene

Concen: 51.001 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016619.D

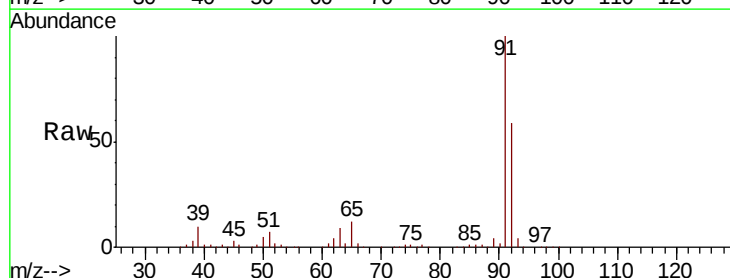
Acq: 07 Jun 2020 04:08

Tgt Ion: 91 Resp: 517691

Ion Ratio Lower Upper

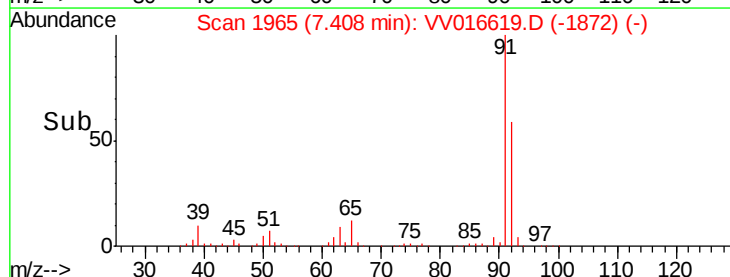
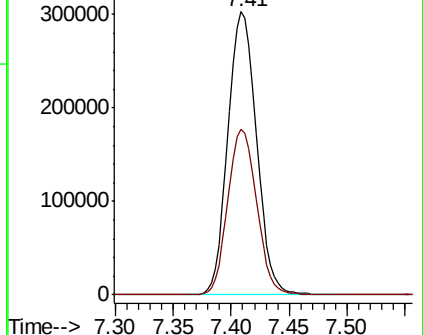
91 100

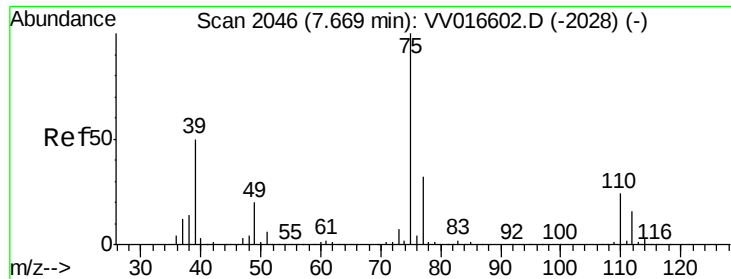
92 58.6 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016602.D (-1948) (-)

Ion 92.00 (91.70 to 92.70): VV016619.D (-1872) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

Instrument :

MSVOA_V

ClientSampleId :

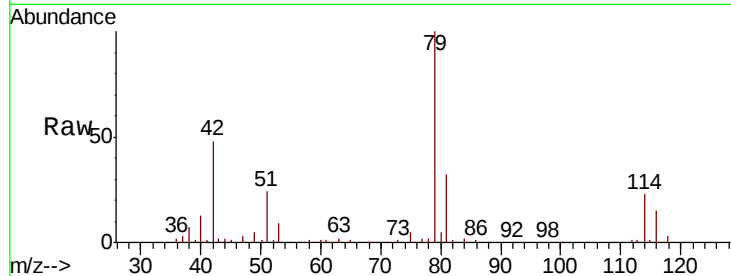
ETTX2MS

Tot Ion: 75 Resp: 3394

Ion Ratio Lower Upper

75 100

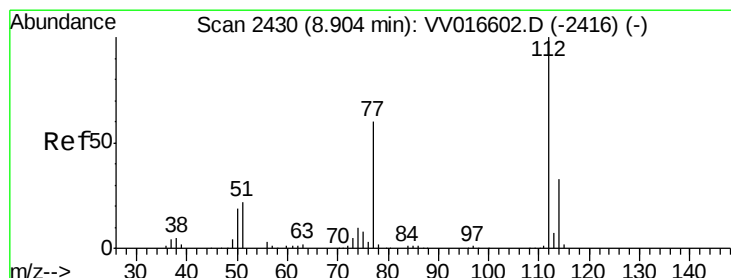
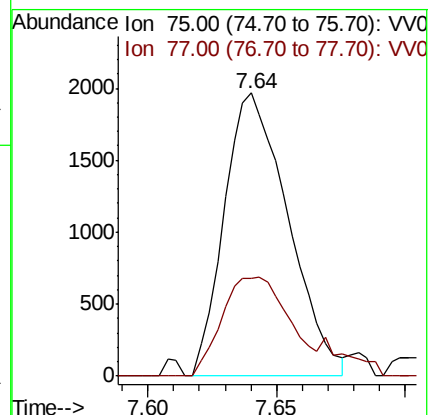
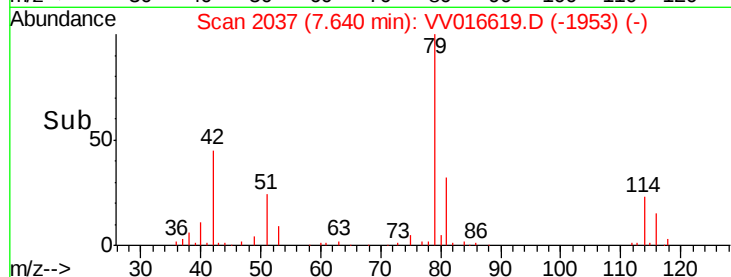
77 34.6 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV016619.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV016619.D (-1953) (-)

Time-->



#51

Chlorobenzene

Concen: 49.808 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

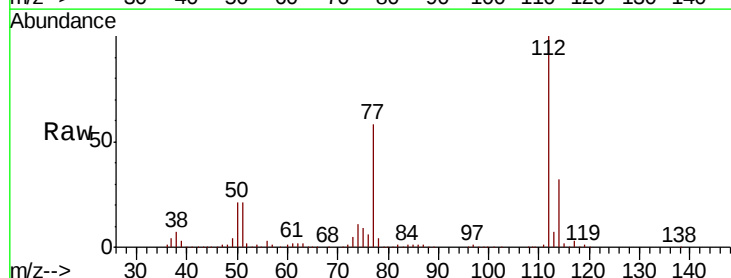
Tgt Ion: 112 Resp: 332286

Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 58.1 47.4 71.2

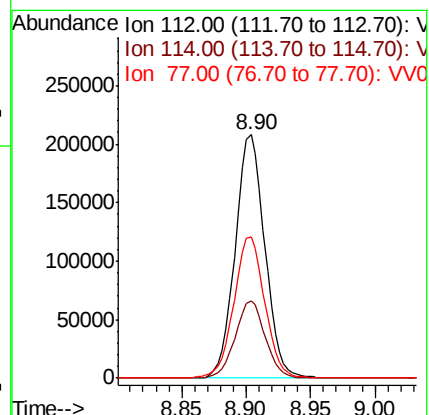
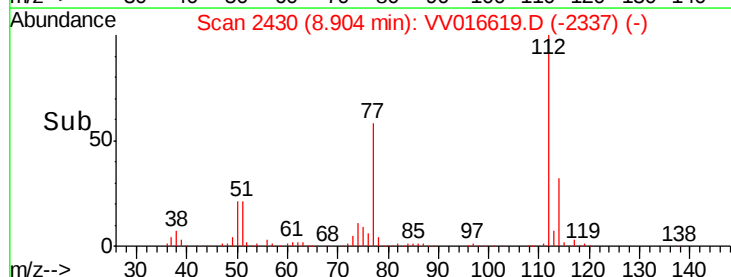


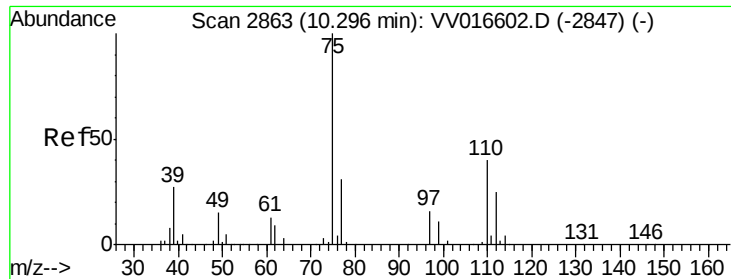
Abundance Ion 112.00 (111.70 to 112.70): VV016619.D (-2337) (-)

Ion 114.00 (113.70 to 114.70): VV016619.D (-2337) (-)

Ion 77.00 (76.70 to 77.70): VV016619.D (-2337) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.040 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016619.D

Acq: 07 Jun 2020 04:08

Instrument :

MSVOA_V

ClientSampleId :

ETTX2MS

Tot Ion: 75 Resp: 18819

Ion Ratio Lower Upper

75 100

77 38.8 26.6 40.0

