

Data File : VV012904.D
Acq On : 18 Sep 2019 18:59
Operator : SY/MD
Sample : K4954-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK28

Quant Time: Sep 19 02:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	130471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157048	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	142352	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	196213	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.00	46	104475	13.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.08%#
24) Chloroform-d	4.40	84	287173	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	147537	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	572547	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	180919	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	447115	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	57091	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	237863	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131262	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	150655	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

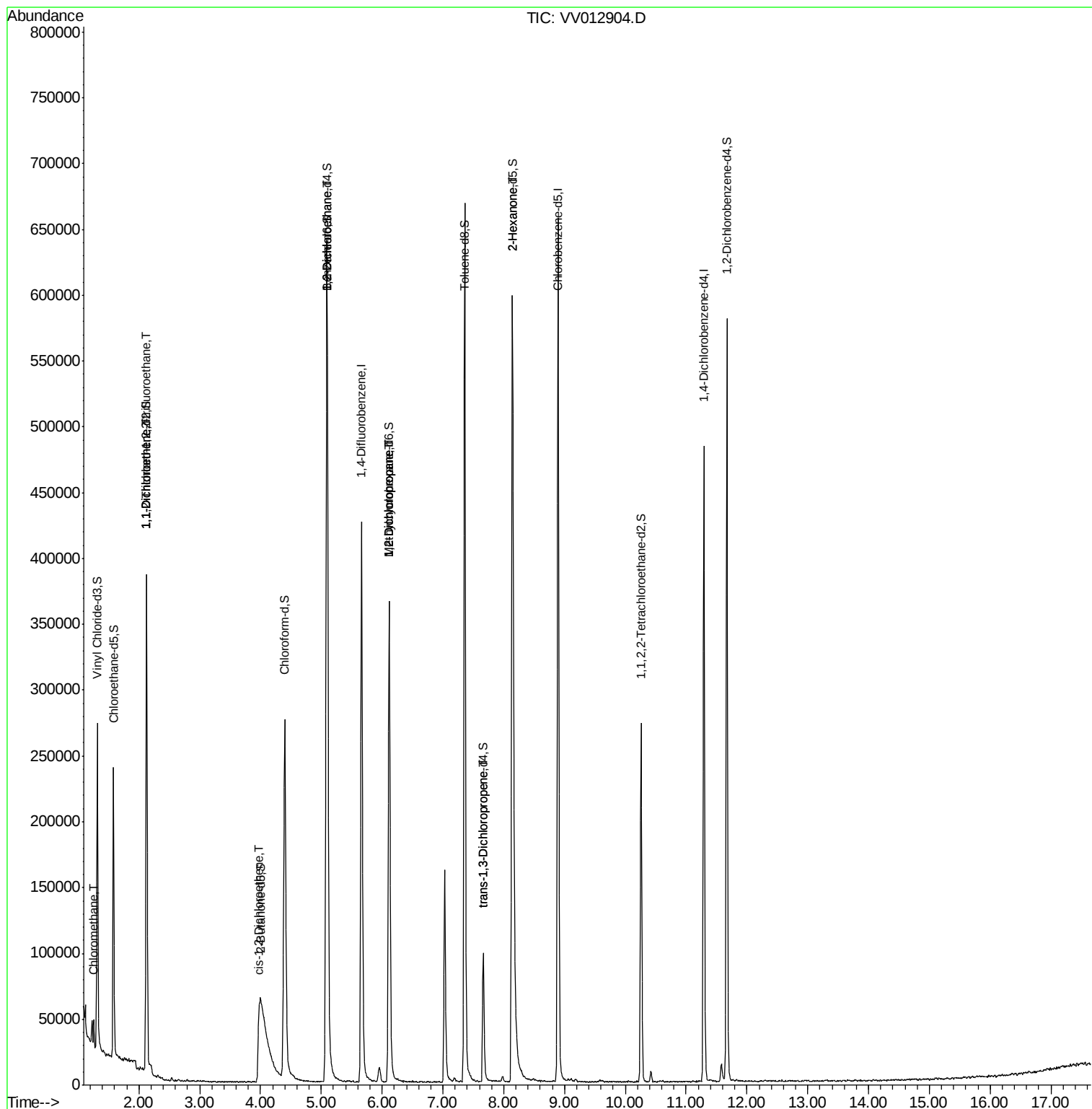
					Qvalue
3) Chloromethane	1.25	50	15296	0.591 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1826	0.083 ug/L #	26
12) 1,1-Dichloroethene	2.13	96	1856	0.093 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	1789	0.072 ug/L	86
27) 1,2-Dichloroethane	5.10	62	3228	0.118 ug/L	98
35) Methylcyclohexane	6.12	83	41635	1.270 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19504	0.755 ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	2869	0.105 ug/L	85
48) 2-Hexanone	8.14	43	43487	3.617 ug/L #	79

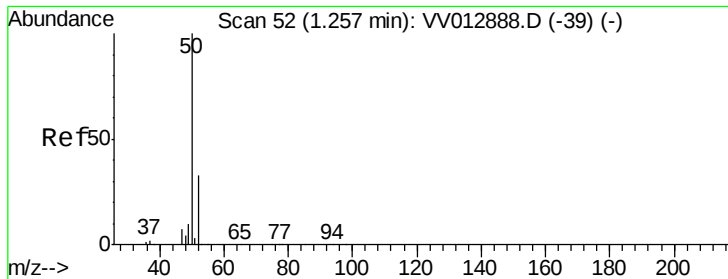
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012904.D
Acq On : 18 Sep 2019 18:59
Operator : SY/MD
Sample : K4954-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK28

Quant Time: Sep 19 02:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.591 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012904.D

Acq: 18 Sep 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

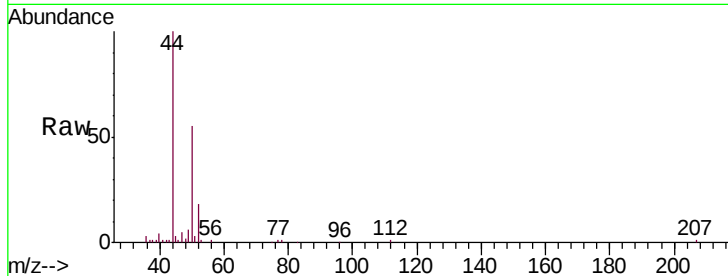
CWK28

Tgt Ion: 50 Resp: 15296

Ion Ratio Lower Upper

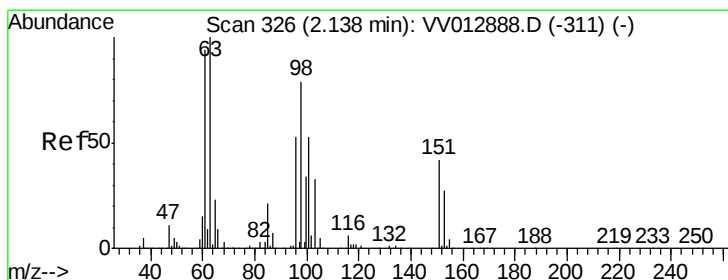
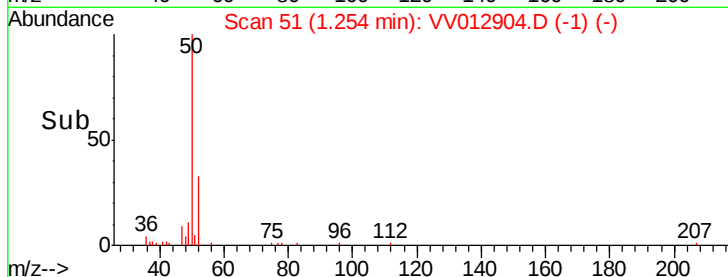
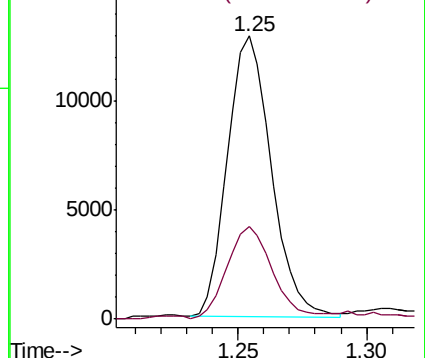
50 100

52 32.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV012888.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV012904.D (-1) (-)



#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012904.D

Acq: 18 Sep 2019 18:59

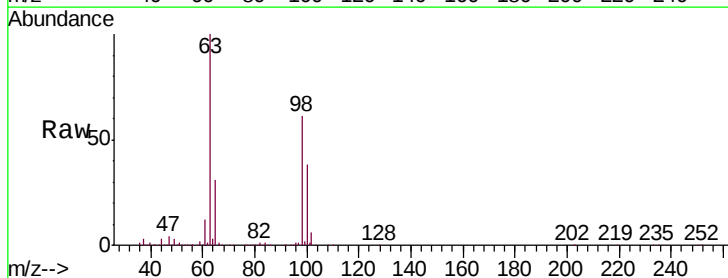
Tgt Ion: 101 Resp: 1826

Ion Ratio Lower Upper

101 100

85 5.8 33.5 50.3#

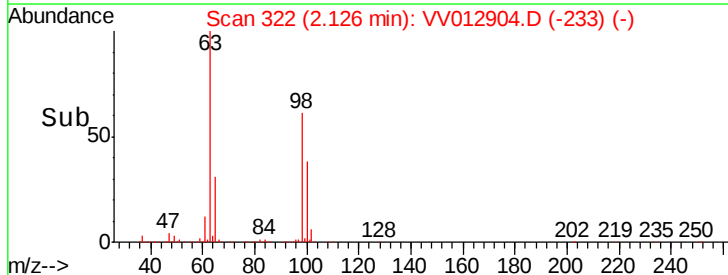
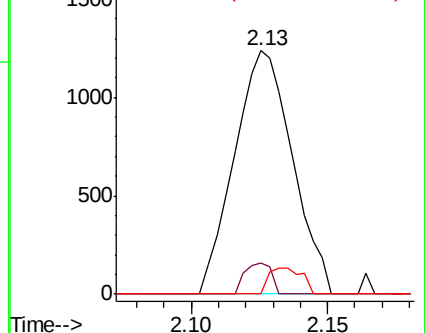
151 6.2 64.0 96.0#

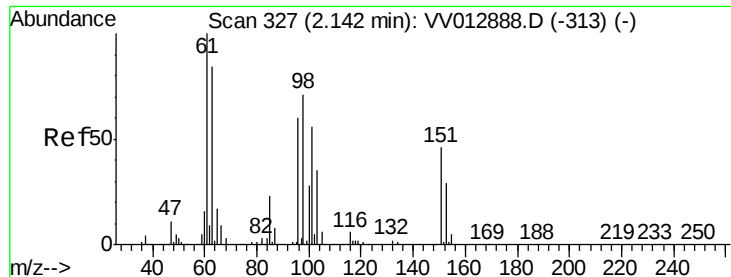


Abundance Ion 101.00 (100.70 to 101.70): VV012888.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV012904.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV012904.D (-233) (-)





#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV012904.D

Acq: 18 Sep 2019 18:59

Instrument :

MSVOA_V

ClientSampled :

CWK28

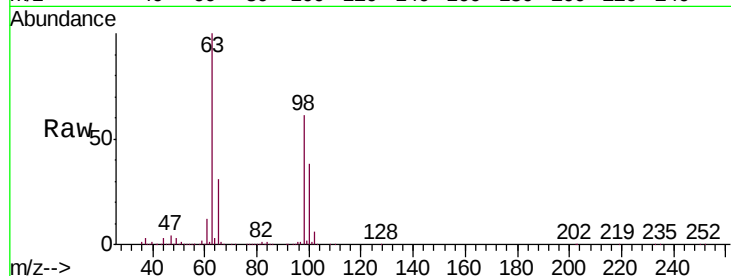
Tgt Ion: 96 Resp: 1856

Ion Ratio Lower Upper

96 100

61 1376.3 116.1 215.5#

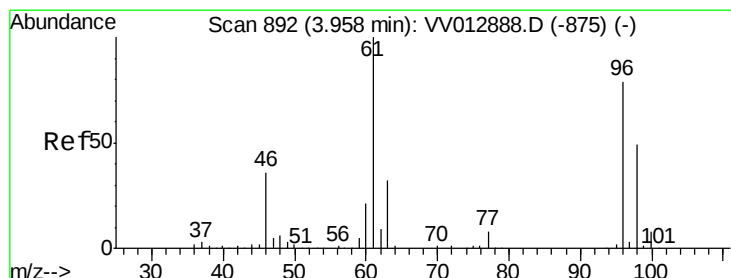
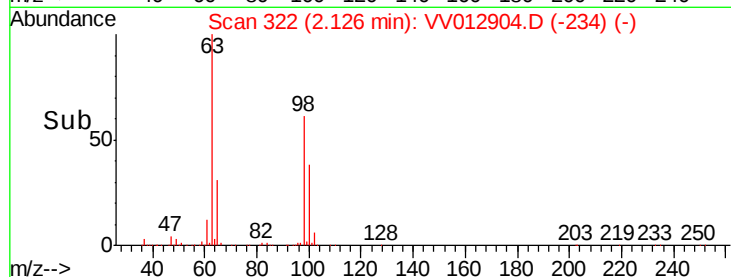
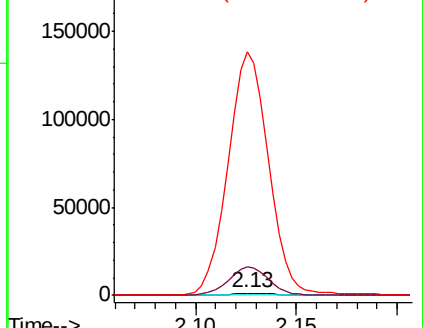
63 11821.7 113.3 210.3#



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



#22

cis-1,2-Dichloroethene

Concen: 0.072 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012904.D

Acq: 18 Sep 2019 18:59

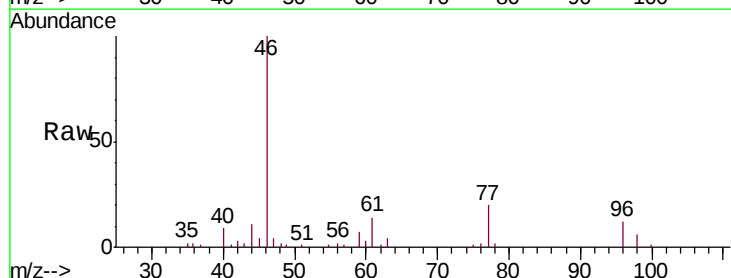
Tgt Ion: 96 Resp: 1789

Ion Ratio Lower Upper

96 100

61 115.3 91.8 170.6

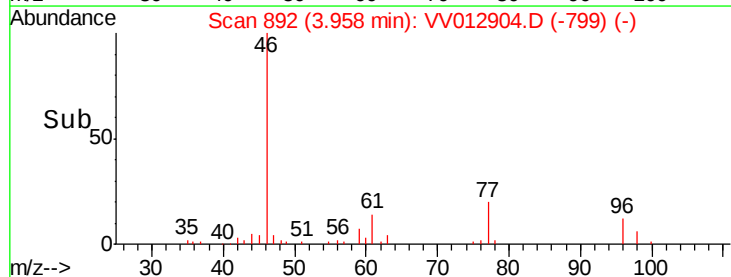
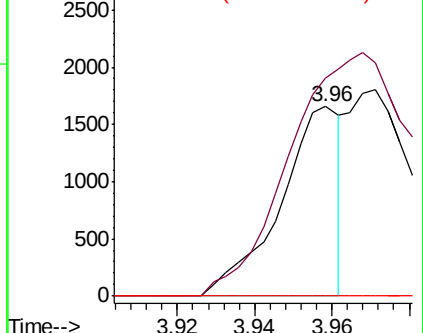
68 0.0 0.0 0.0

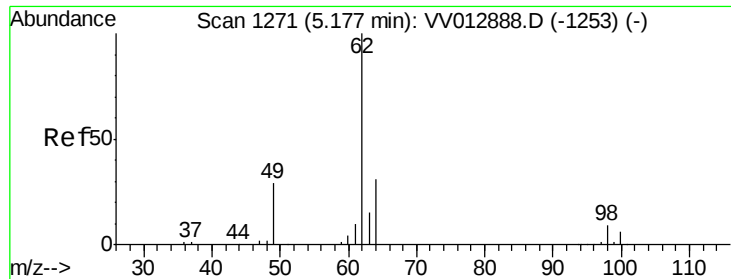


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

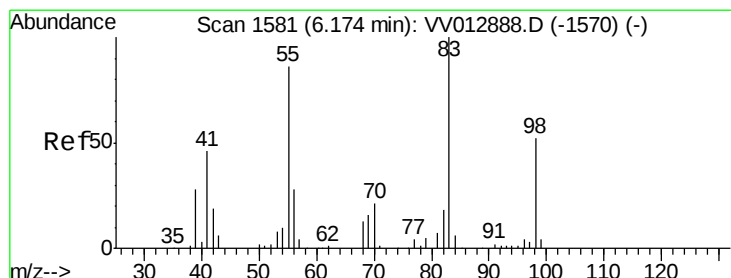
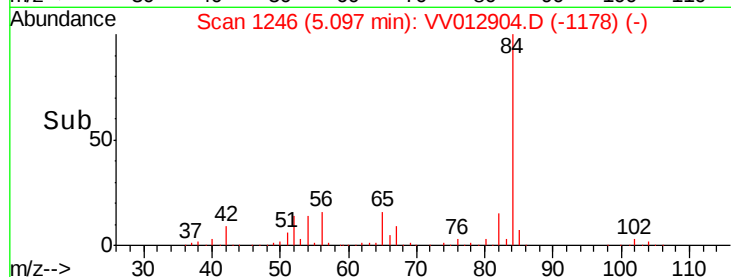
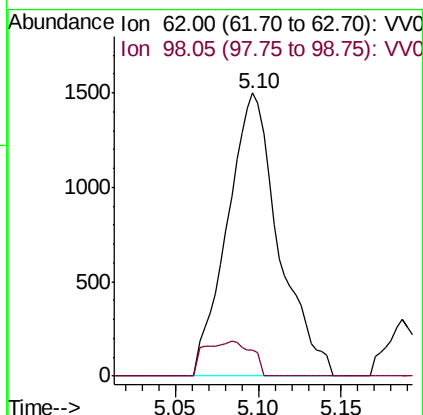
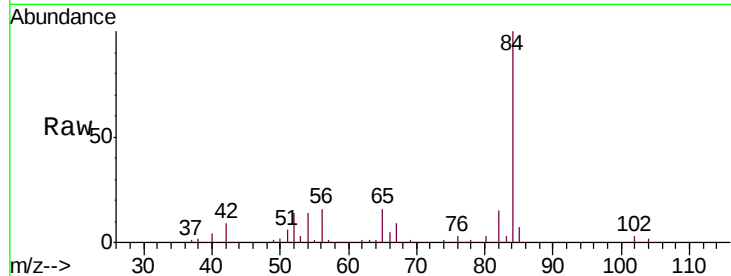




#27
 1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV012904.D
 Acq: 18 Sep 2019 18:59

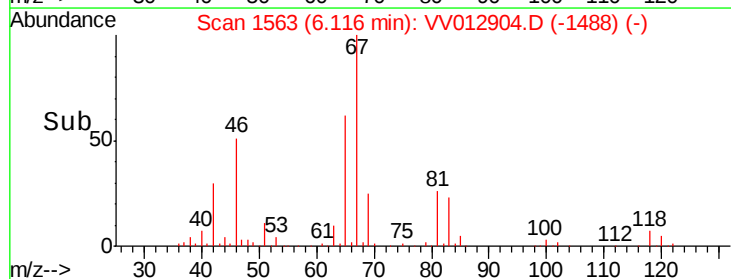
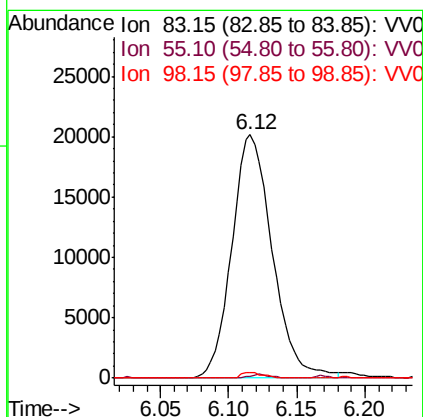
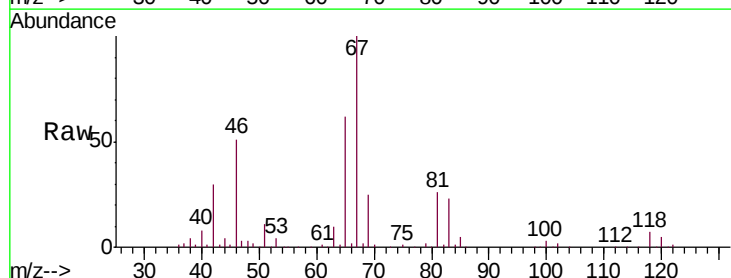
Instrument :
 MSVOA_V
 ClientSampleId :
 CWK28

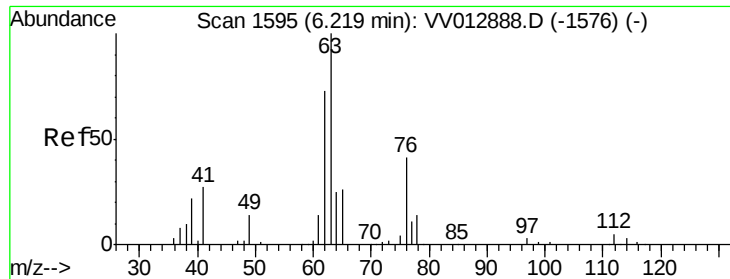
Tgt Ion: 62 Resp: 3228
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.8 11.8



#35
 Methylcyclohexane
 Concen: 1.270 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012904.D
 Acq: 18 Sep 2019 18:59

Tgt Ion: 83 Resp: 41635
 Ion Ratio Lower Upper
 83 100
 55 0.7 63.8 95.6#
 98 1.2 38.2 57.4#

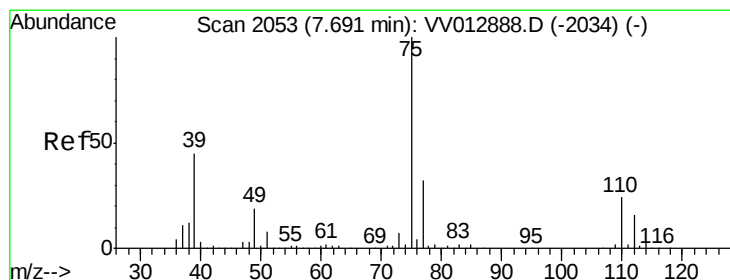
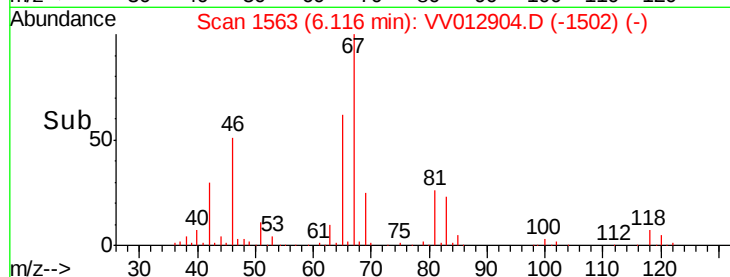
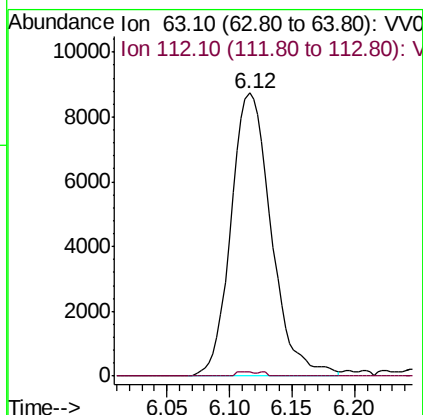
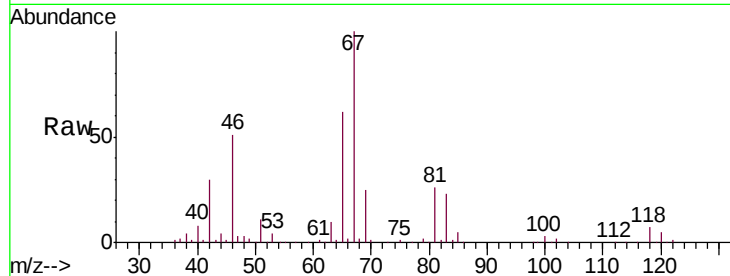




#37
 1,2-Dichloropropane
 Concen: 0.755 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012904.D
 Acq: 18 Sep 2019 18:59

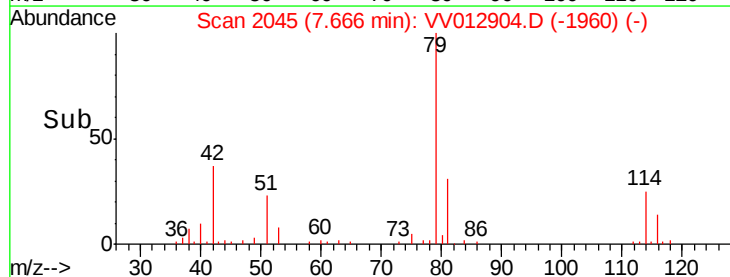
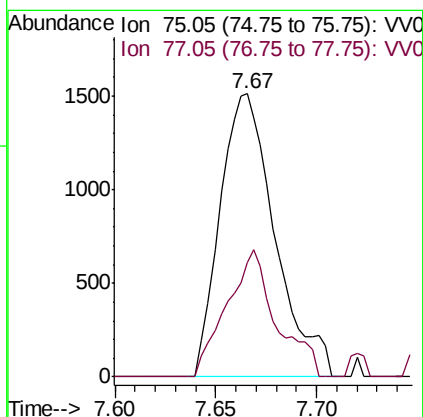
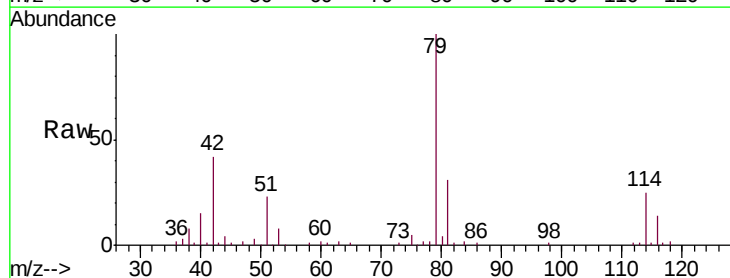
Instrument :
 MSVOA_V
 ClientSampleId :
 CWK28

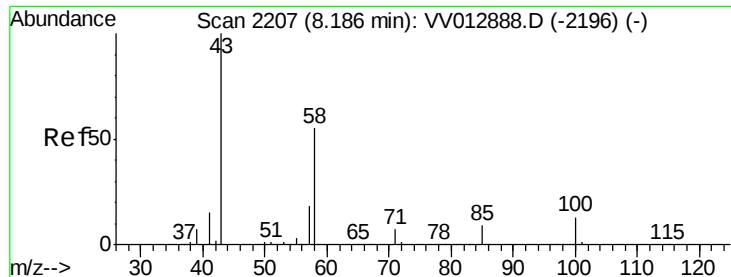
Tgt Ion: 63 Resp: 19504
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012904.D
 Acq: 18 Sep 2019 18:59

Tgt Ion: 75 Resp: 2869
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.5 41.7





#48

2-Hexanone

Concen: 3.617 ug/L

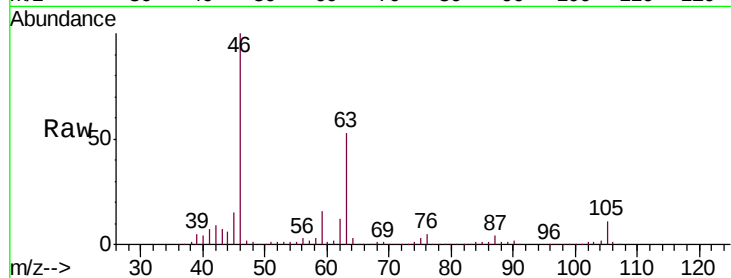
RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV012904.D

Acq: 18 Sep 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
CWK28



Tgt Ion:	43	Resp:	43487
Ion	Ratio	Lower	Upper
43	100		
58	42.4	44.5	66.7#
57	31.1	15.0	22.6#
100	2.2	9.7	14.5#

