

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014172.D
 Acq On : 23 Dec 2019 21:07
 Operator : SY/MD
 Sample : K6404-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:38:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	387924	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	175607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133452	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	118491	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	178394	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.92	46	292333	55.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	4.40	84	251534	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	124709	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	506100	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	153005	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	423726	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	53319	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	208828	47.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109553	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	166004	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

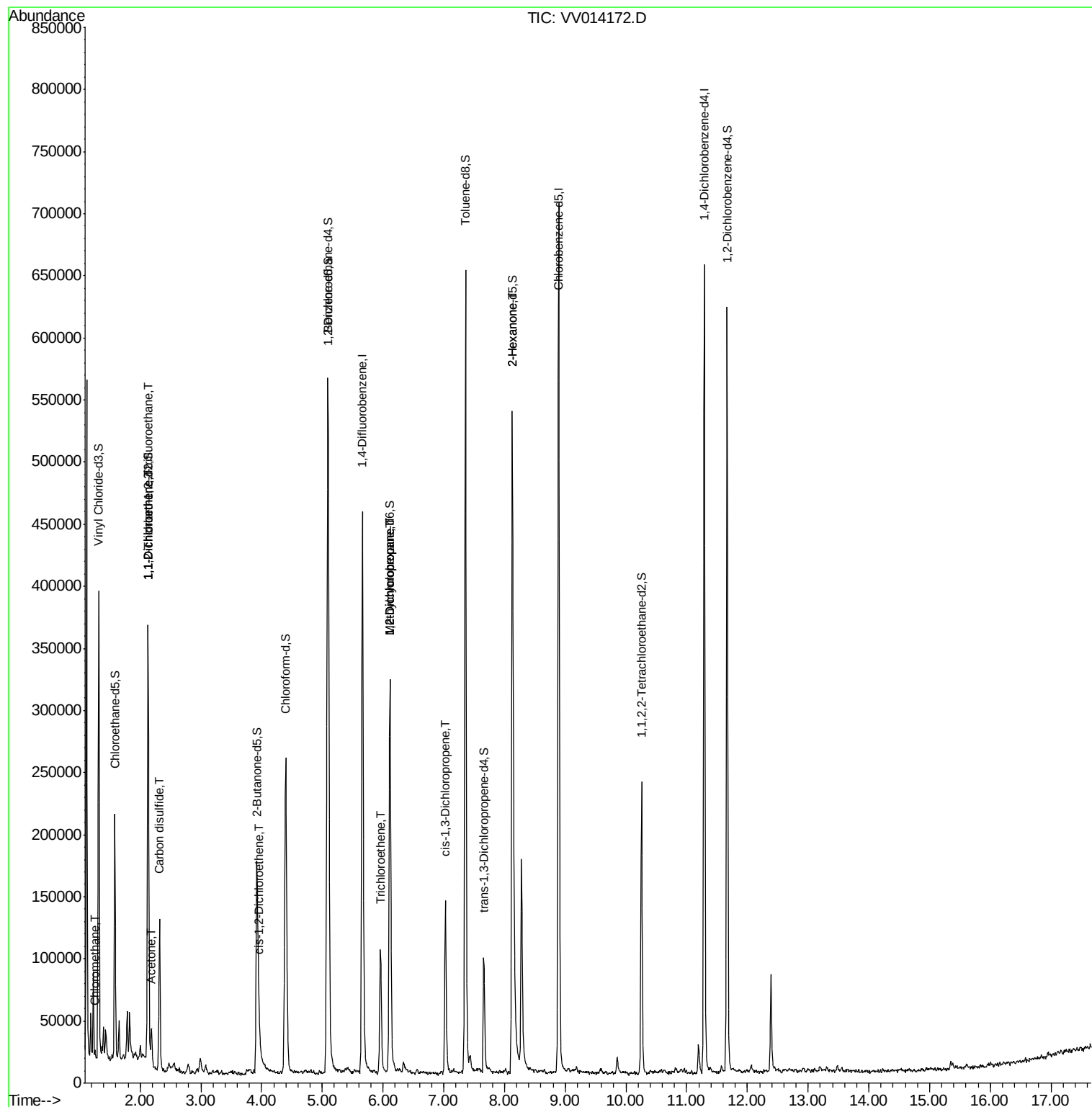
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	3465	0.107	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1934	0.084	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	3476	0.155	ug/L #	1
13) Acetone	2.19	43	27236	6.368	ug/L	98
14) Carbon disulfide	2.32	76	139734	1.880	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	4191	0.154	ug/L #	81
34) Trichloroethene	5.96	95	33905	1.174	ug/L	97
35) Methylcyclohexane	6.11	83	36197	0.845	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	17083	0.632	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	3585	0.094	ug/L #	48
48) 2-Hexanone	8.13	43	34545	3.209	ug/L #	71

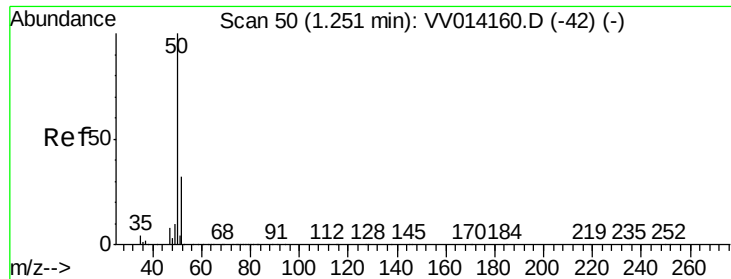
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV014172.D

Acq: 23 Dec 2019 21:07

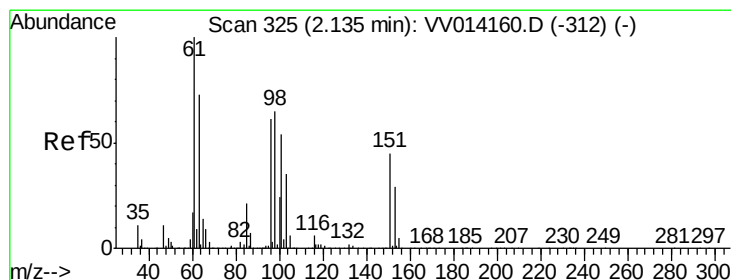
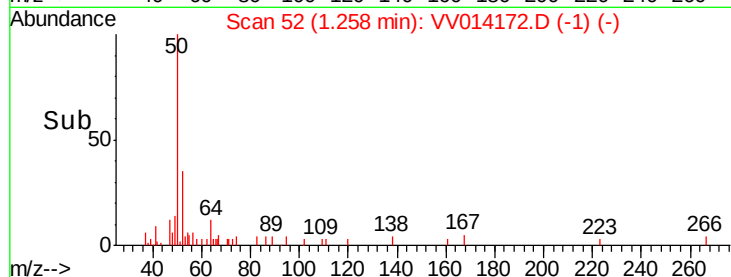
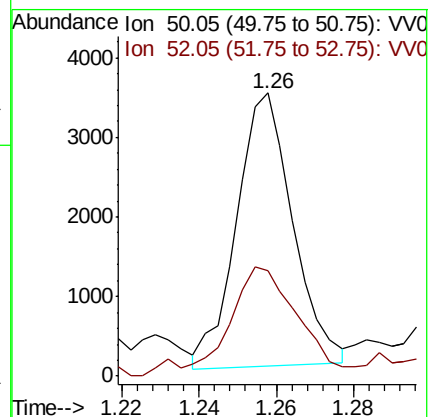
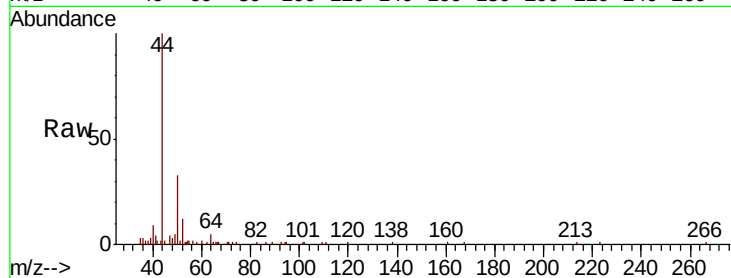
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 3465

Ion Ratio Lower Upper

50 100

52 37.1 22.9 42.5



#10

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

Concen: 0.084 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV014172.D

Acq: 23 Dec 2019 21:07

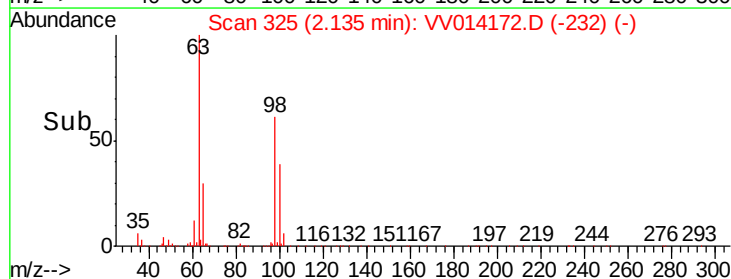
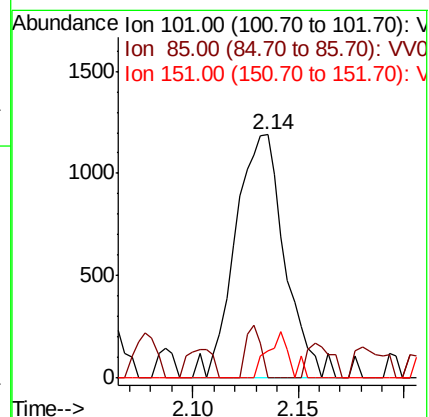
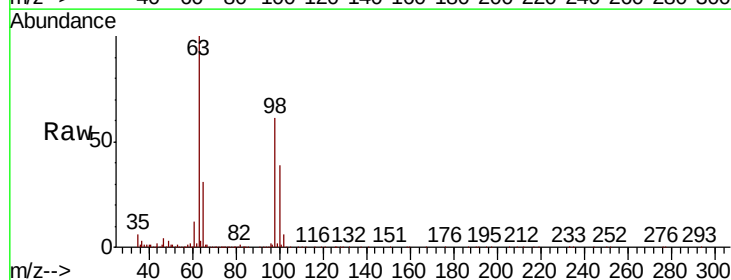
Tgt Ion: 101 Resp: 1934

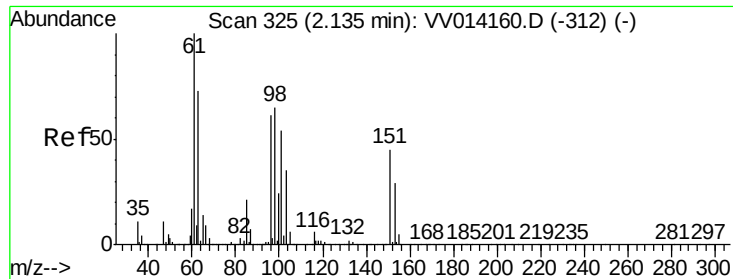
Ion Ratio Lower Upper

101 100

85 6.4 34.7 52.1#

151 8.5 69.1 103.7#

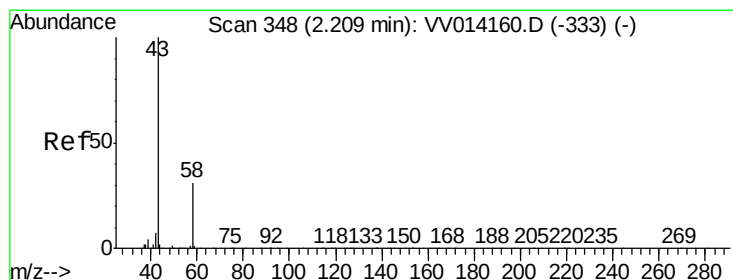
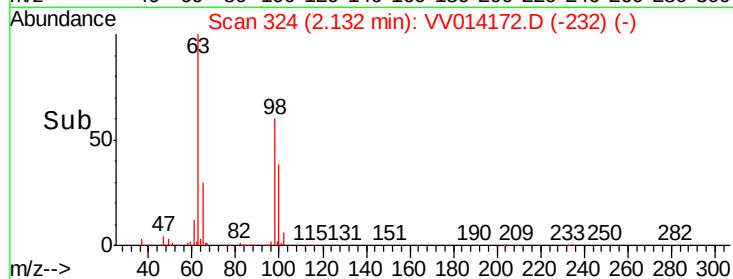
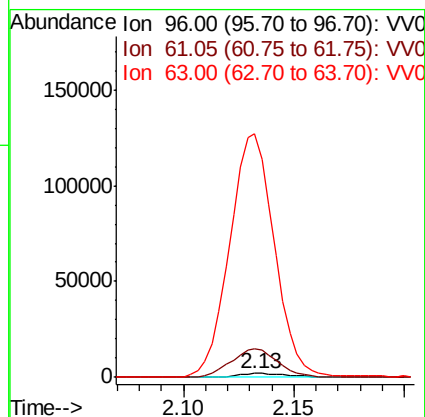
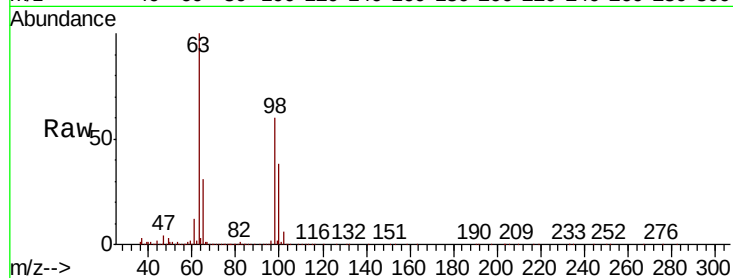




#12
 1,1-Dichloroethene
 Concen: 0.155 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

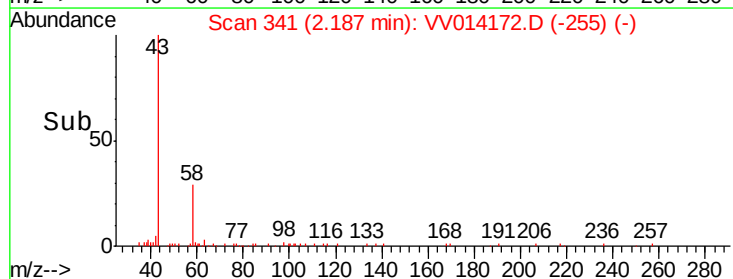
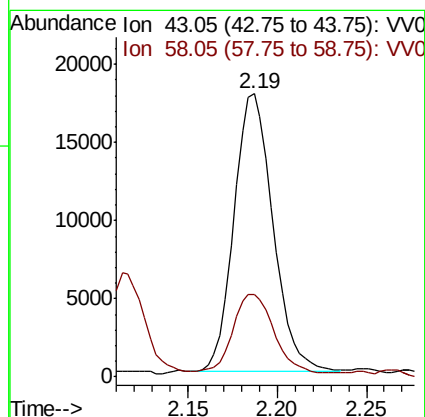
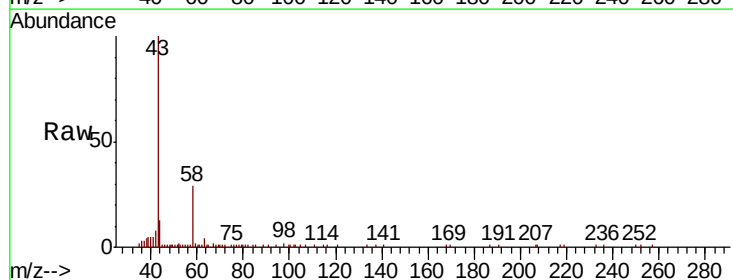
Instrument :
 MSVOA_V
 ClientSampleId :

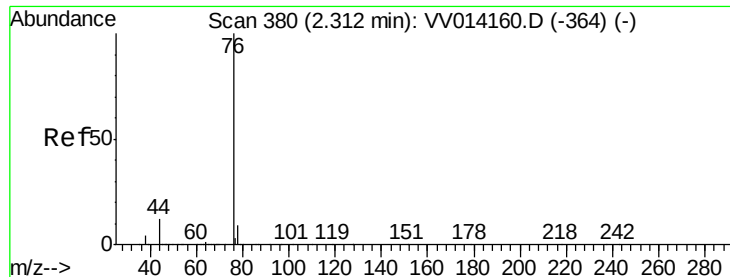
Tot Ion: 96 Resp: 3476
 Ion Ratio Lower Upper
 96 100
 61 762.8 115.8 215.2#
 63 6514.1 79.9 148.3#



#13
 Acetone
 Concen: 6.368 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

Tgt Ion: 43 Resp: 27236
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 58.8





#14

Carbon disulfide

Concen: 1.880 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014172.D

Acq: 23 Dec 2019 21:07

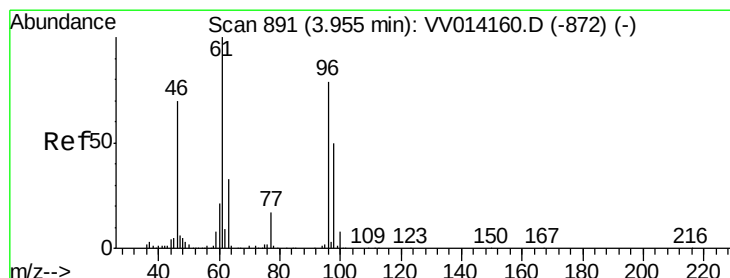
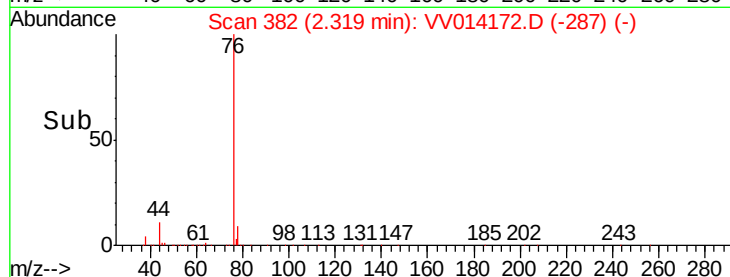
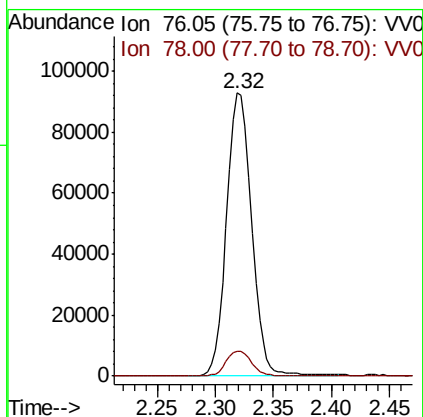
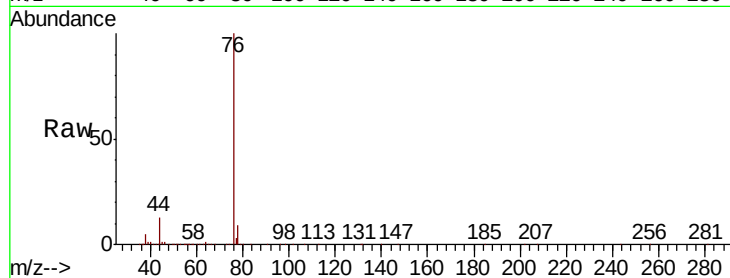
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 76 Resp: 139734

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#22

cis-1,2-Dichloroethene

Concen: 0.154 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014172.D

Acq: 23 Dec 2019 21:07

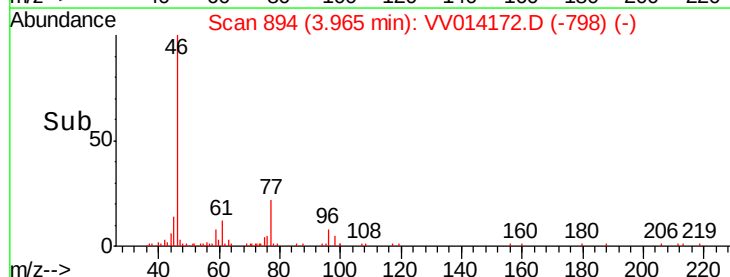
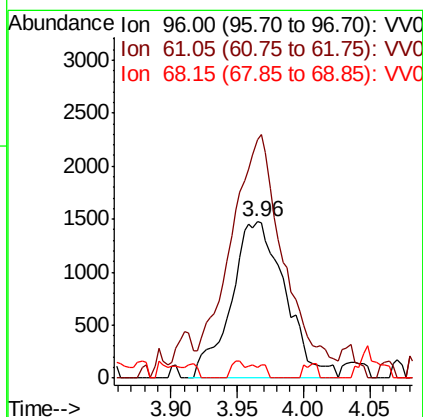
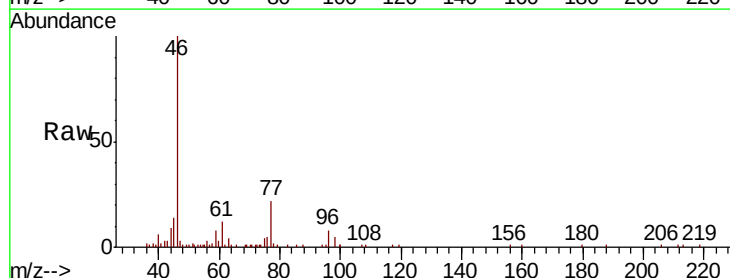
Tgt Ion: 96 Resp: 4191

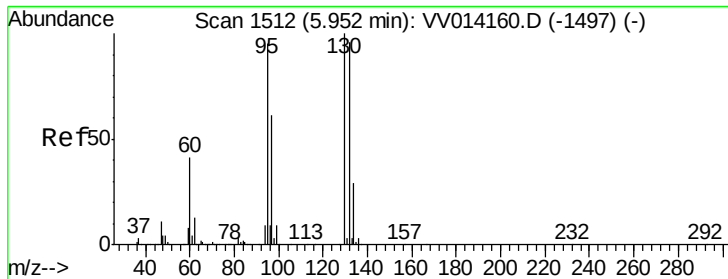
Ion Ratio Lower Upper

96 100

61 152.6 91.2 169.4

68 7.1 0.1 0.3#

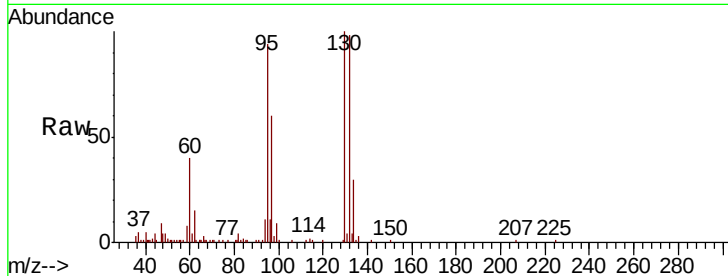




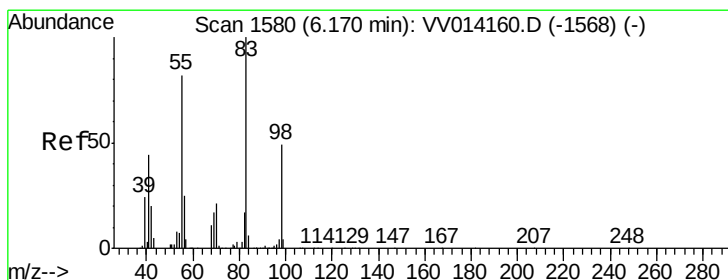
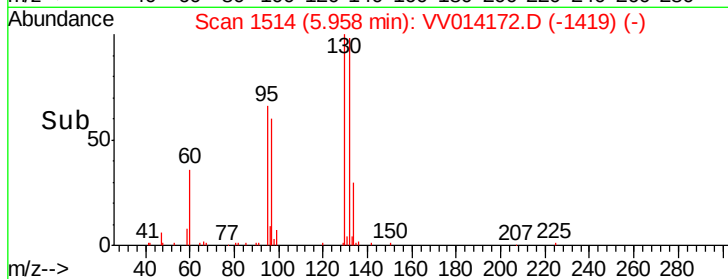
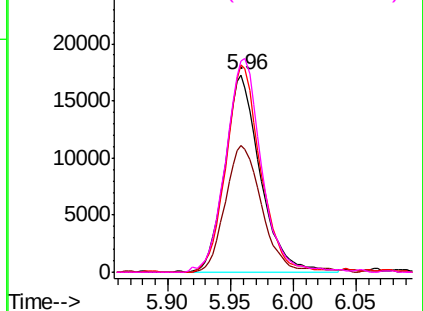
#34
 Trichloroethene
 Concen: 1.174 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
97	64.3	47.2	87.6
132	104.9	74.1	137.7
130	106.9	77.5	143.9

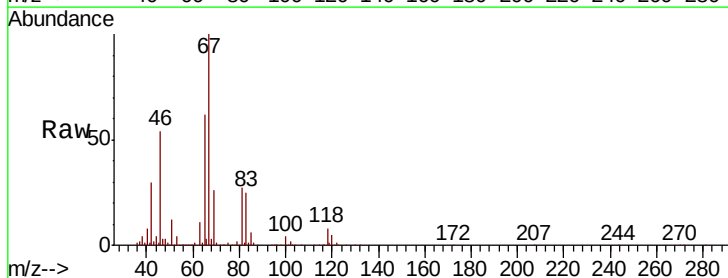


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

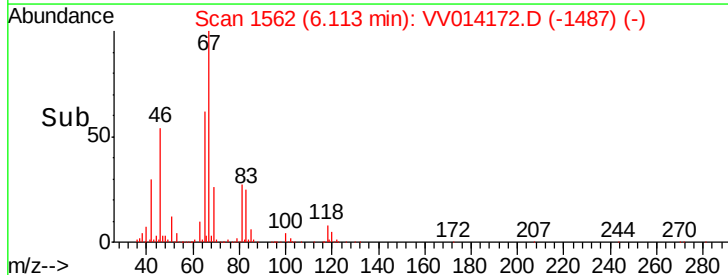
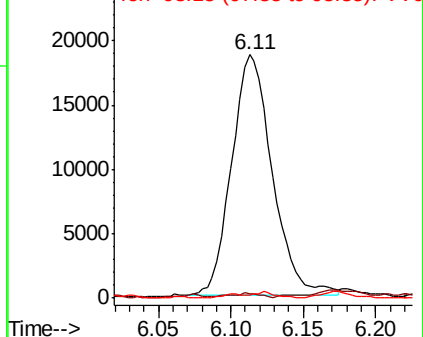


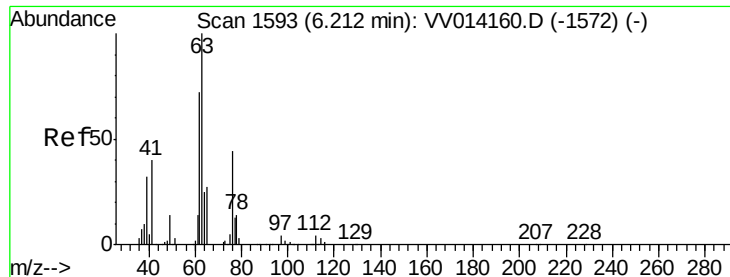
#35
 Methylcyclohexane
 Concen: 0.845 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	65.3	97.9#
98	1.0	39.2	58.8#



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

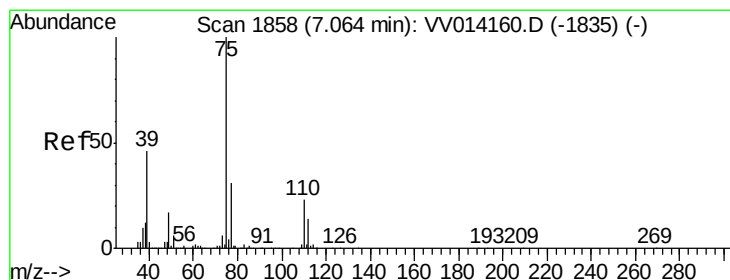
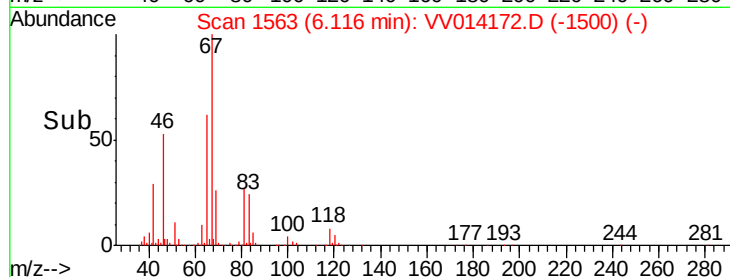
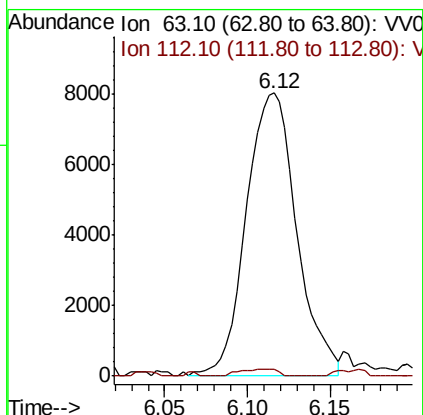
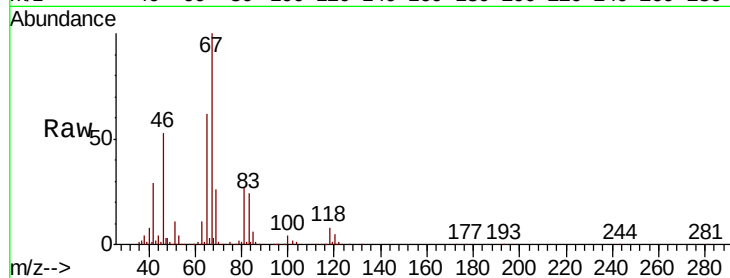




#37
 1,2-Dichloropropane
 Concen: 0.632 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

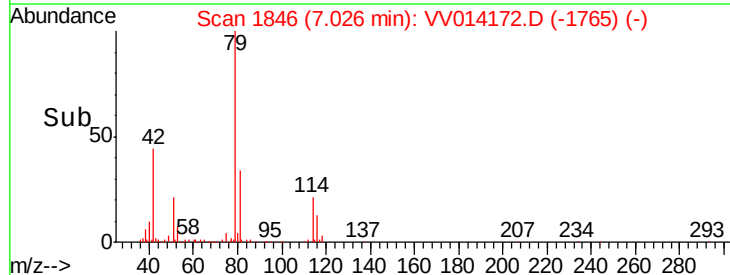
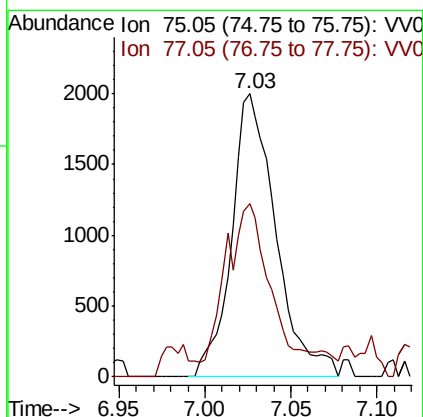
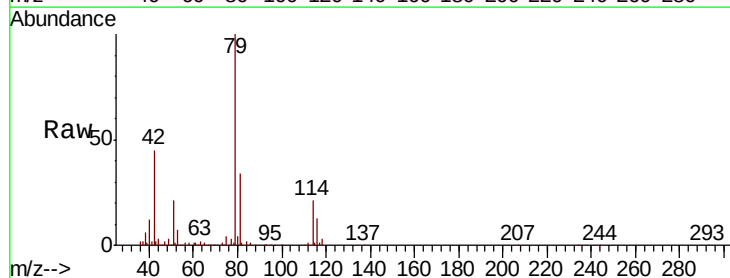
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 MSVOA_V
 ClientSampleId :

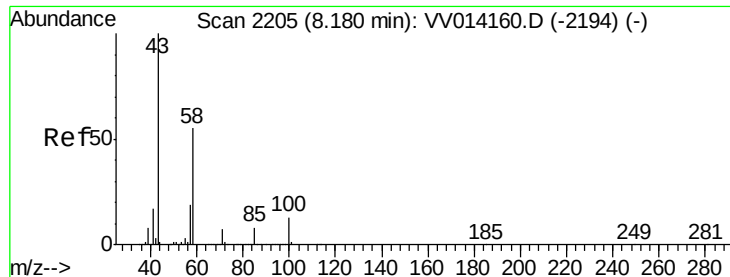
Tot Ion: 63 Resp: 17083
 Ion Ratio Lower Upper
 63 100
 112 1.8 4.0 6.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

Tgt Ion: 75 Resp: 3585
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.6 42.0#





#48
 2-Hexanone
 Concen: 3.209 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: VV014172.D
 Acq: 23 Dec 2019 21:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 34545
 Ion Ratio Lower Upper
 43 100
 58 30.2 43.2 64.8#
 57 27.2 14.8 22.2#
 100 2.1 9.7 14.5#

