

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019743.D
 Acq On : 19 Dec 2020 17:25
 Operator : SY/MD
 Sample : L5151-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE9

Quant Time: Dec 21 03:41:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	720037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	674484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	307982	50.00	ug/L	0.00

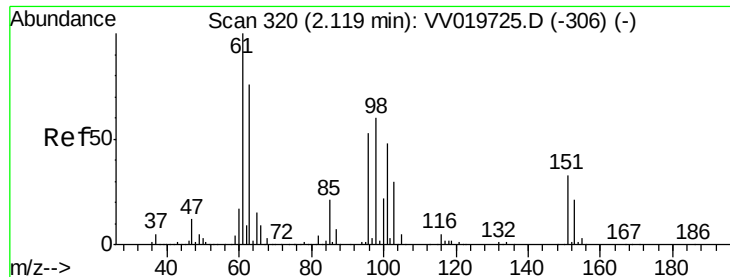
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	238977	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.56%
7) Chloroethane-d5	1.57	69	193581	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	2.11	63	349079	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	3.89	46	346074	123.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.32%
24) Chloroform-d	4.35	84	436422	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.04	65	304460	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.05	84	881544	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.07	67	281096	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.32	98	775938	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%
43) trans-1,3-Dichloropropene-	7.62	79	129637	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.09	63	210989	95.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	342099	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.63	152	282832	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2866	0.686 ug/L #	22
13) Acetone	2.18	43	38518	16.111 ug/L	99
27) 1,2-Dichloroethane	5.05	62	5724	0.759 ug/L	96
39) cis-1,3-Dichloropropene	6.99	75	9287	1.086 ug/L #	73
48) 2-Hexanone	8.14	43	11798	2.094 ug/L #	76
59) 1,2,3-Trichloropropane	11.25	75	44193	6.902 ug/L	90

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



#10

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

Concen: 0.686 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

C0AE9

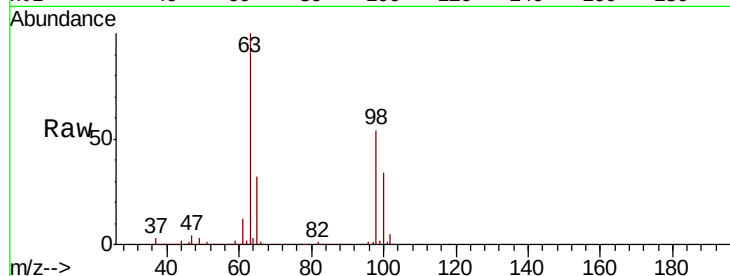
Tot Ion:101 Resp: 2866

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

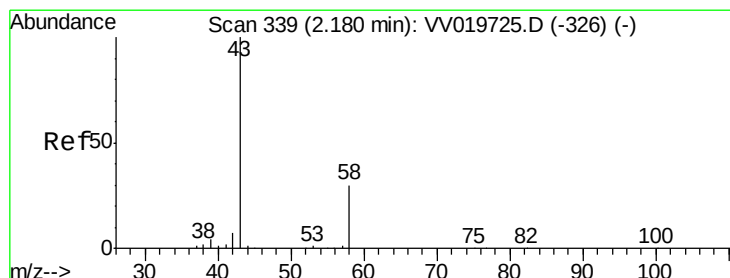
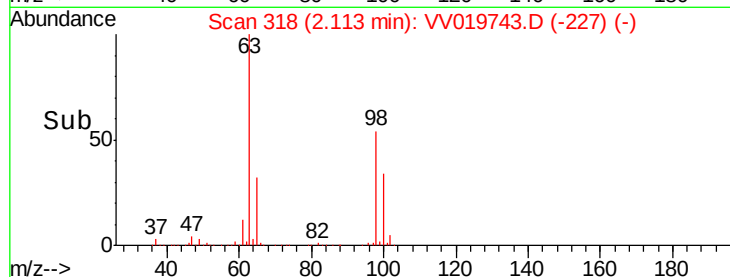
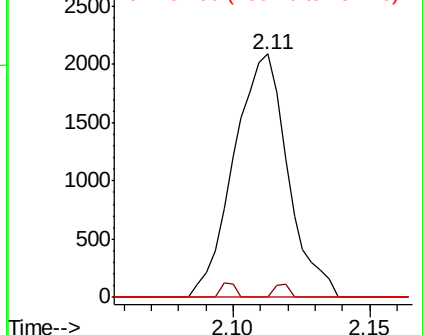
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 16.111 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019743.D

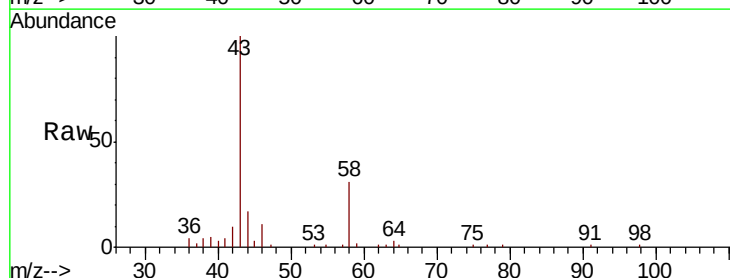
Acq: 19 Dec 2020 17:25

Tgt Ion: 43 Resp: 38518

Ion Ratio Lower Upper

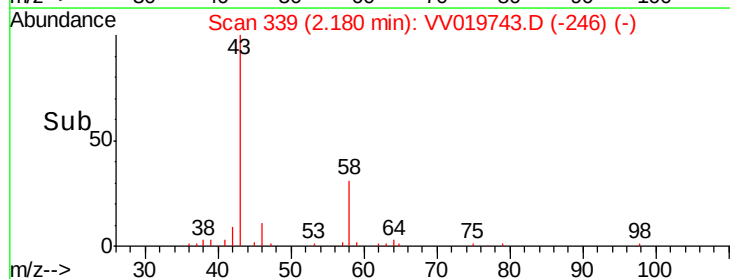
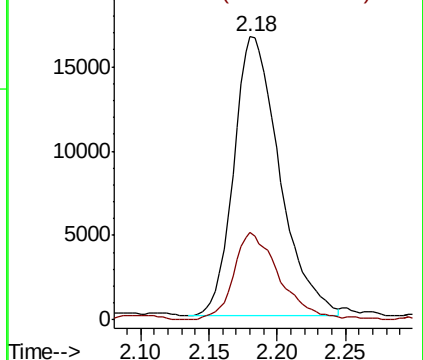
43 100

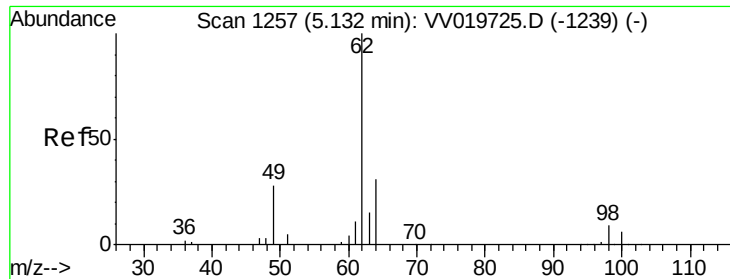
58 31.2 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

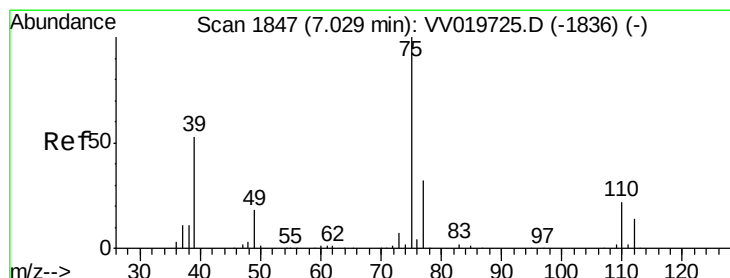
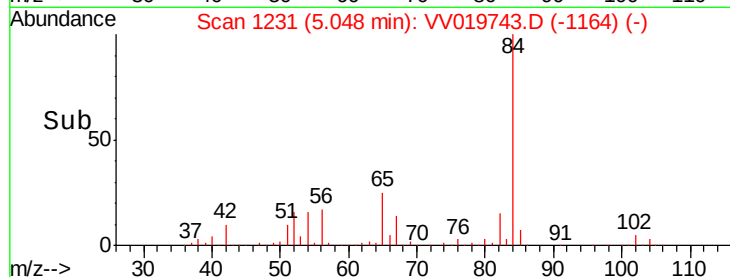
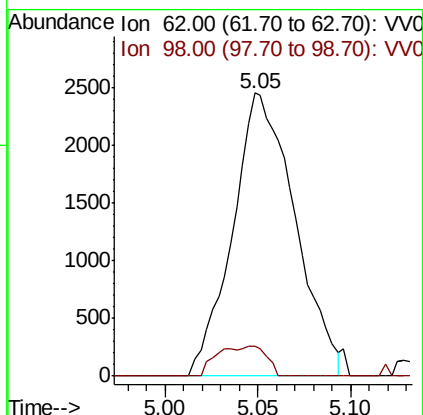
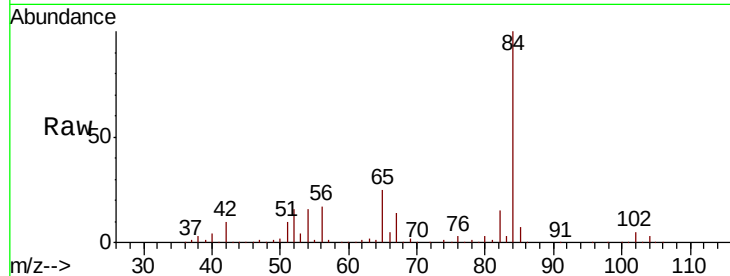




#27
 1,2-Dichloroethane
 Concen: 0.759 ug/L
 RT: 5.05 min Scan# 1231
 Delta R.T. -0.08 min
 Lab File: VV019743.D
 Acq: 19 Dec 2020 17:25

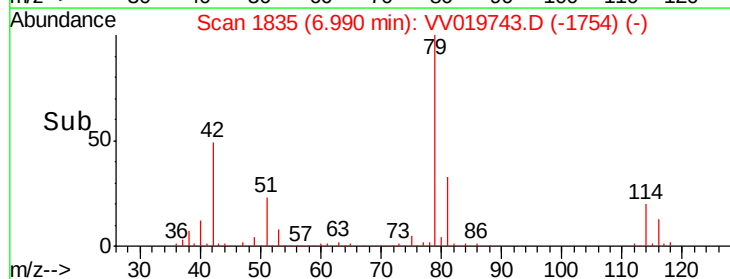
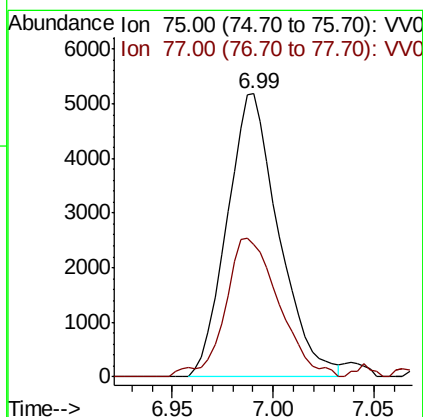
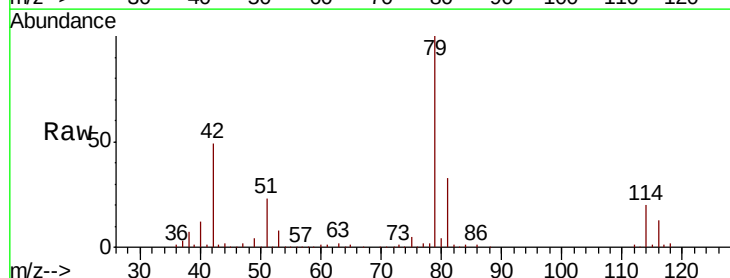
Instrument :
 MSVOA_V
 ClientSampled :
 C0AE9

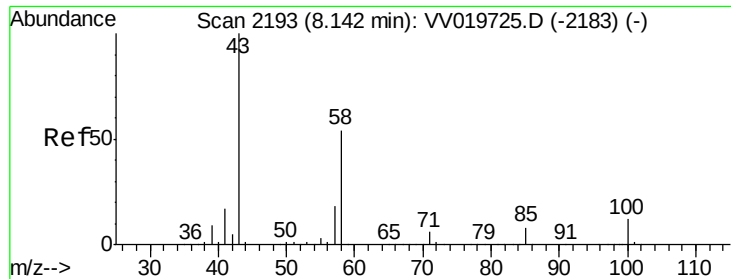
Tot Ion: 62 Resp: 5724
 Ion Ratio Lower Upper
 62 100
 98 10.7 7.4 11.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.086 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019743.D
 Acq: 19 Dec 2020 17:25

Tgt Ion: 75 Resp: 9287
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.4 41.6#

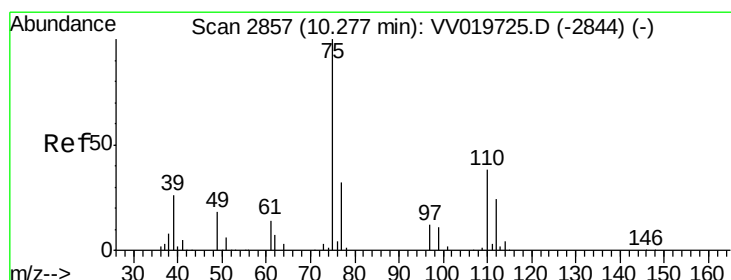
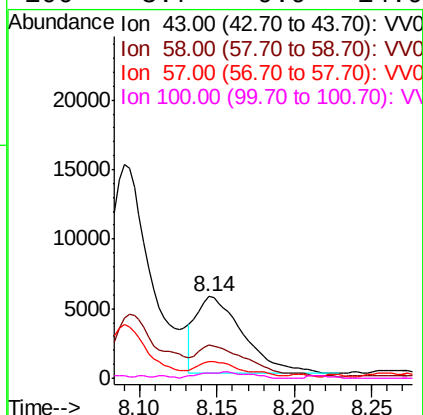
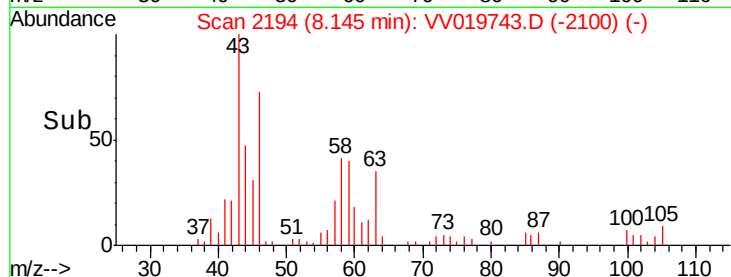
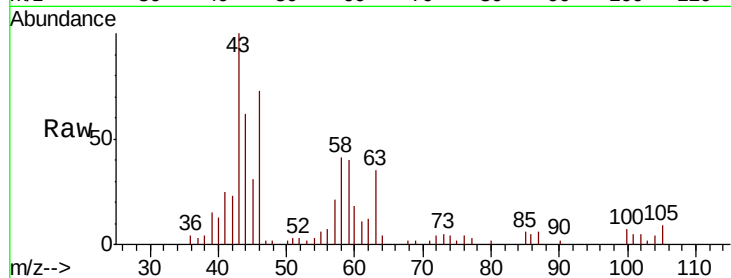




#48
2-Hexanone
Concen: 2.094 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VV019743.D
Acq: 19 Dec 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :
C0AE9

Tot Ion: 43 Resp: 11798
Ion Ratio Lower Upper
43 100
58 37.4 44.4 66.6#
57 9.6 15.7 23.5#
100 3.7 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.902 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019743.D
Acq: 19 Dec 2020 17:25

Tgt Ion: 75 Resp: 44193
Ion Ratio Lower Upper
75 100
77 37.7 25.8 38.8

