

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015283.D
 Acq On : 30 Mar 2020 19:43
 Operator : SY/MD
 Sample : L1975-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:21:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	591420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	570147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	254405	50.00	ug/L	0.00

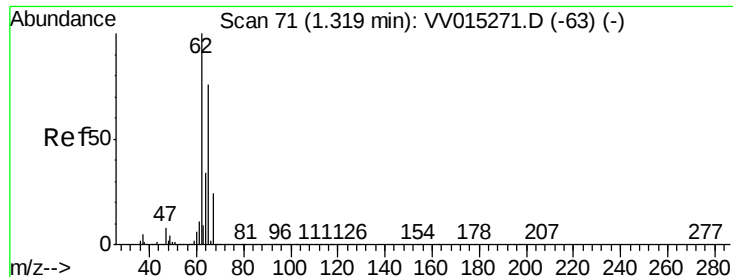
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110516	25.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.26%#
7) Chloroethane-d5	1.58	69	119841	29.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.72%#
11) 1,1-Dichloroethene-d2	1.91	63	365	0.04	ug/L	-0.22
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	3.93	46	257482	91.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.38	84	264984	34.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.36%#
26) 1,2-Dichloroethane-d4	5.06	65	177836	35.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.20%
32) Benzene-d6	5.08	84	475743	31.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.92%#
36) 1,2-Dichloropropane-d6	6.09	67	163091	35.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.08%
41) Toluene-d8	7.34	98	436632	30.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.64%#
43) trans-1,3-Dichloropropene-	7.64	79	72346	28.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.08%#
47) 2-Hexanone-d5	8.11	63	222423	101.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	265378	38.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	178477	35.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.50%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	299396	60.061	ug/L	99
8) Chloroethane	1.58	64	48341	14.063	ug/L #	58
13) Acetone	2.21	43	45926	23.865	ug/L	81
19) 1,1-Dichloroethane	3.22	63	6469	0.947	ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	7449	1.808	ug/L #	92
22) 2-Butanone	4.01	43	106910	38.110	ug/L	94

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



#5

Vinyl chloride

Concen: 60.061 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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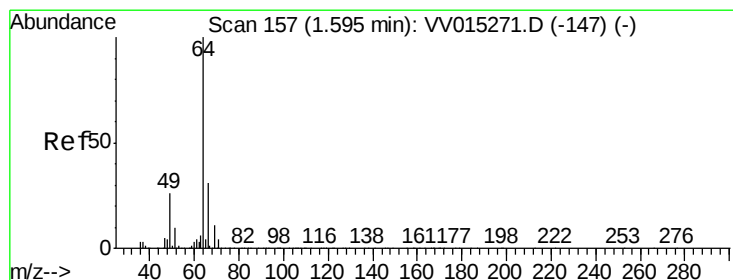
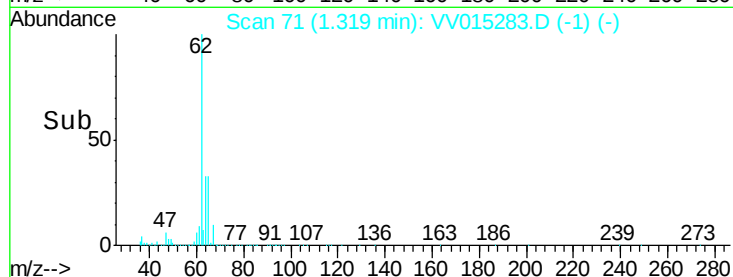
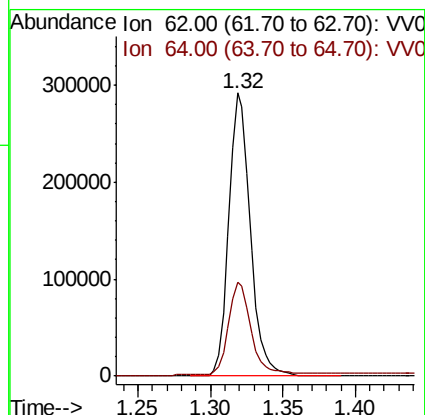
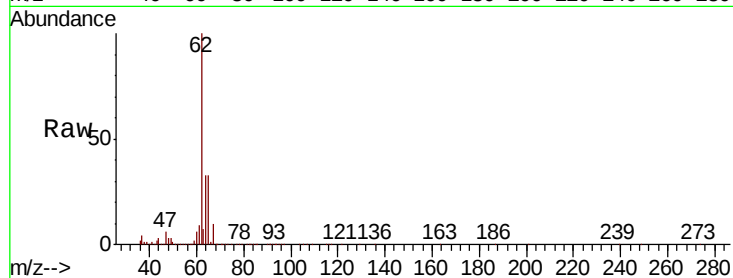
ClientSampleId :

Tot Ion: 62 Resp: 299396

Ion Ratio Lower Upper

62 100

64 33.3 23.9 44.3



#8

Chloroethane

Concen: 14.063 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.01 min

Lab File: VV015283.D

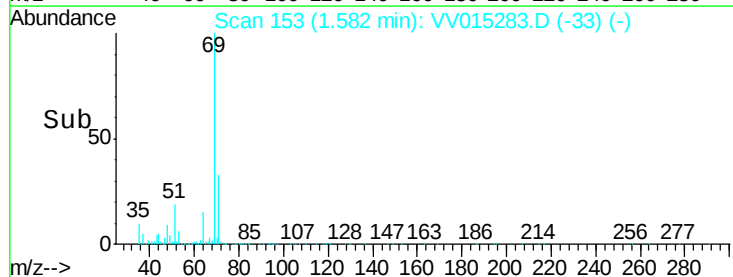
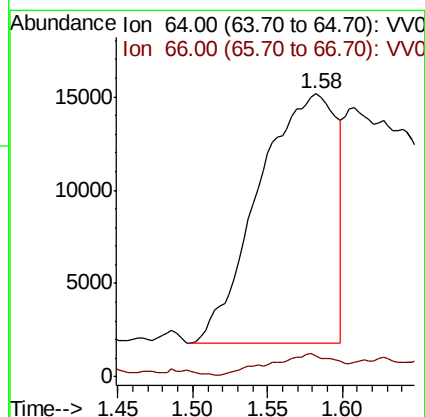
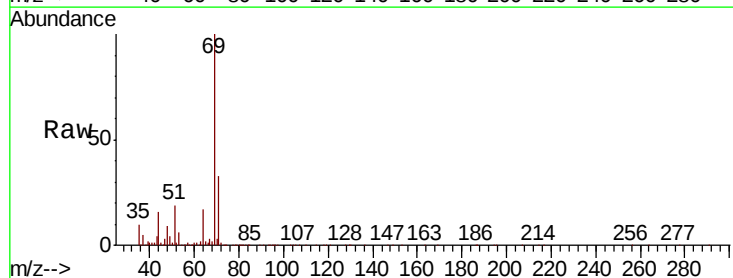
Acq: 30 Mar 2020 19:43

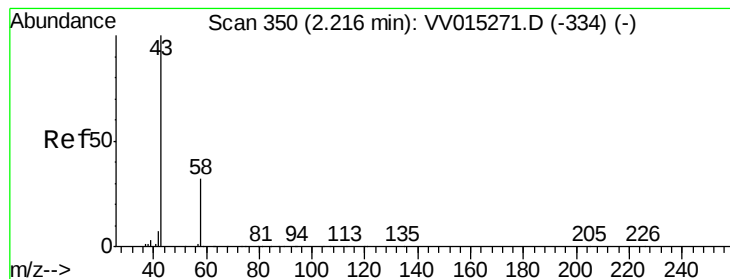
Tgt Ion: 64 Resp: 48341

Ion Ratio Lower Upper

64 100

66 7.5 21.5 39.9#





#13

Acetone

Concen: 23.865 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV015283.D

Acq: 30 Mar 2020 19:43

Instrument :

MSVOA_V

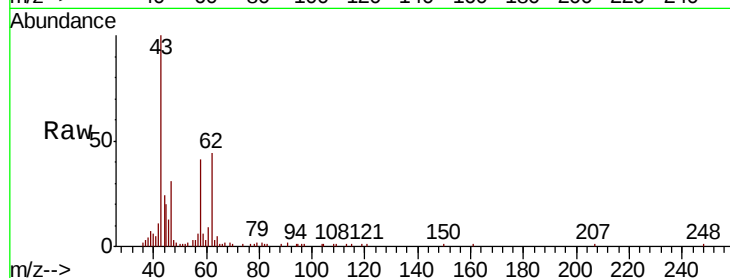
ClientSampleId :

Tot Ion: 43 Resp: 45926

Ion Ratio Lower Upper

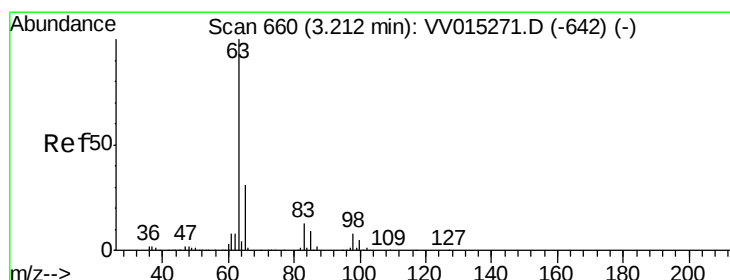
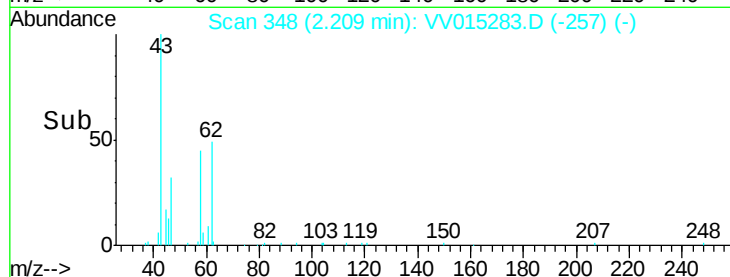
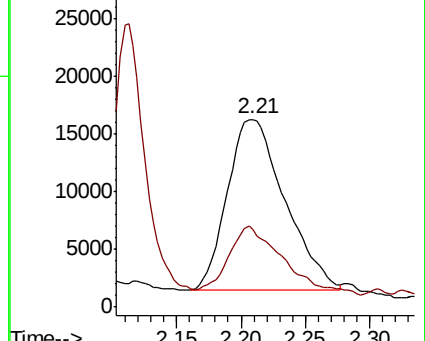
43 100

58 42.4 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 0.947 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV015283.D

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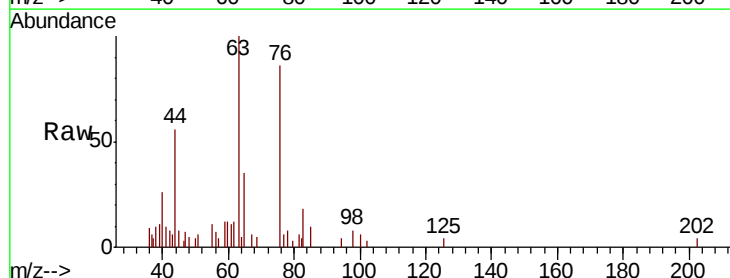
Tgt Ion: 63 Resp: 6469

Ion Ratio Lower Upper

63 100

65 34.8 22.2 41.2

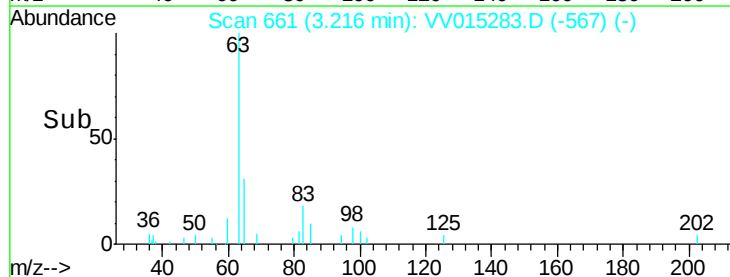
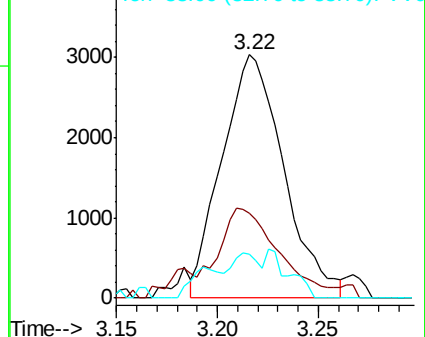
83 17.8 9.7 18.1

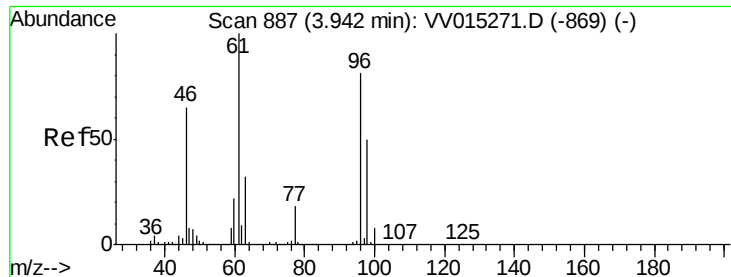


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



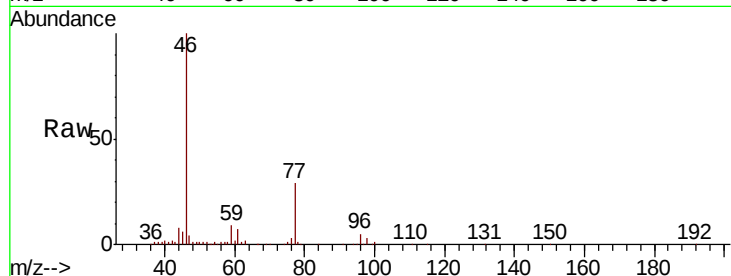


#20

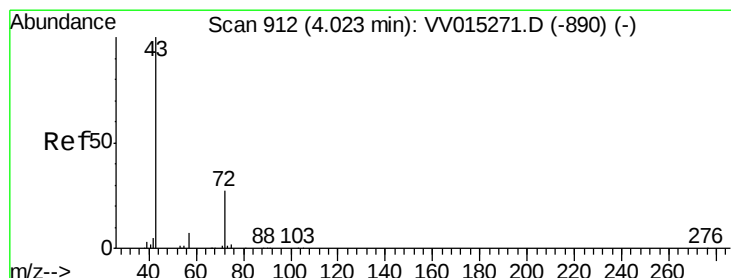
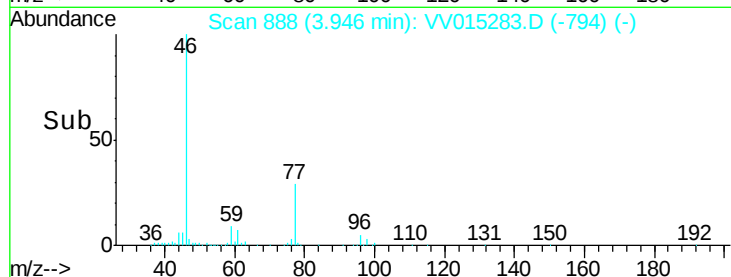
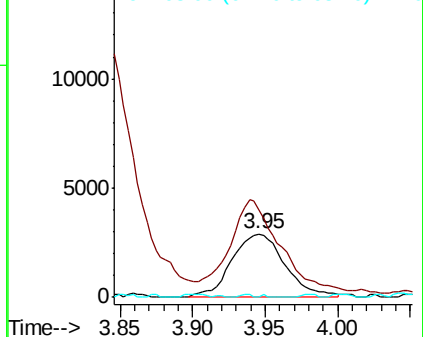
cis-1,2-Dichloroethene
 Concen: 1.808 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VV015283.D
 Acq: 30 Mar 2020 19:43

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 7449
 Ion Ratio Lower Upper
 96 100
 61 137.8 90.2 167.6
 68 0.0 0.1 0.1#



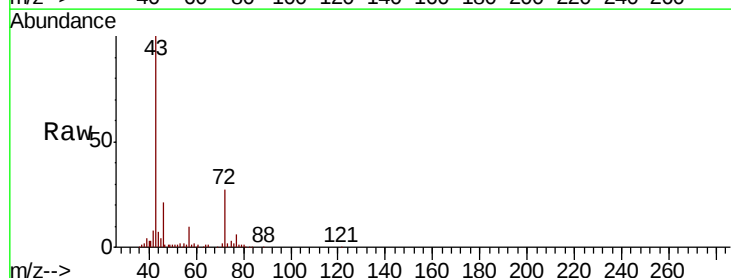
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



#22

2-Butanone
 Concen: 38.110 ug/L
 RT: 4.01 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VV015283.D
 Acq: 30 Mar 2020 19:43

Tgt Ion: 43 Resp: 106910
 Ion Ratio Lower Upper
 43 100
 72 21.7 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 72.00 (71.70 to 72.70): VV0

