

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015287.D
 Acq On : 30 Mar 2020 21:20
 Operator : SY/MD
 Sample : L1975-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:22:15 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	586093	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	566794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	254175	50.00	ug/L	0.00

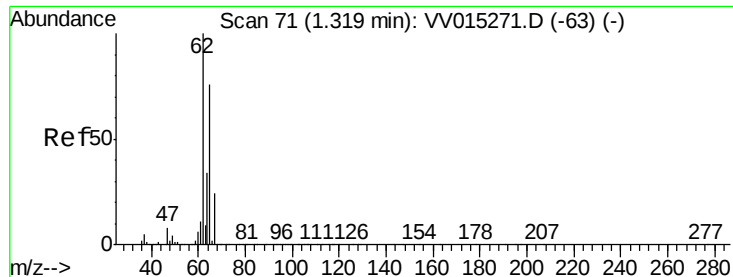
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110333	25.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.64%#
7) Chloroethane-d5	1.58	69	121118	30.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.92%#
11) 1,1-Dichloroethene-d2	2.12	63	183888	19.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.90%#
21) 2-Butanone-d5	3.93	46	231685	82.90	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.90%
24) Chloroform-d	4.38	84	265935	34.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.22%#
26) 1,2-Dichloroethane-d4	5.06	65	178746	35.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.20%
32) Benzene-d6	5.08	84	483072	32.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.30%#
36) 1,2-Dichloropropane-d6	6.09	67	167834	36.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.54%
41) Toluene-d8	7.34	98	436854	30.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.04%#
43) trans-1,3-Dichloropropene-	7.64	79	72631	28.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.66%#
47) 2-Hexanone-d5	8.11	63	193300	89.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	255174	37.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	176528	34.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.78%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	20579	4.166	ug/L #	58
8) Chloroethane	1.55	64	54019	15.858	ug/L #	54
13) Acetone	2.21	43	91682	48.075	ug/L	97
15) Methyl Acetate	2.46	43	39112	10.214	ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	3427	0.839	ug/L #	97
22) 2-Butanone	4.02	43	85339	30.697	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	38400	7.272	ug/L	91

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



#5

Vinyl chloride

Concen: 4.166 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015287.D

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Instrument :

MSVOA_V

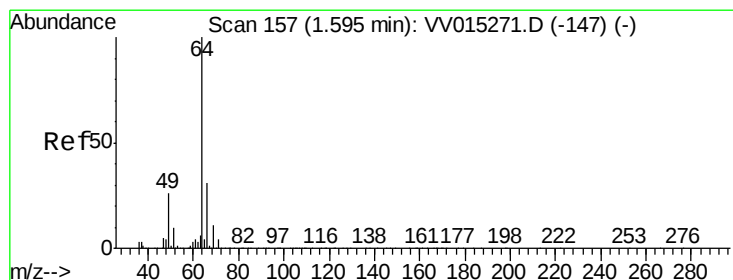
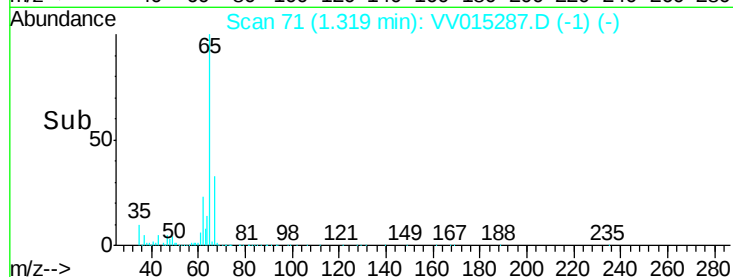
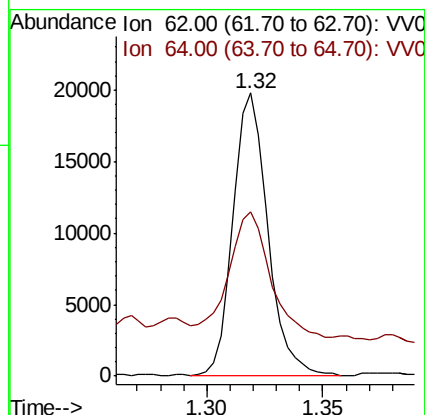
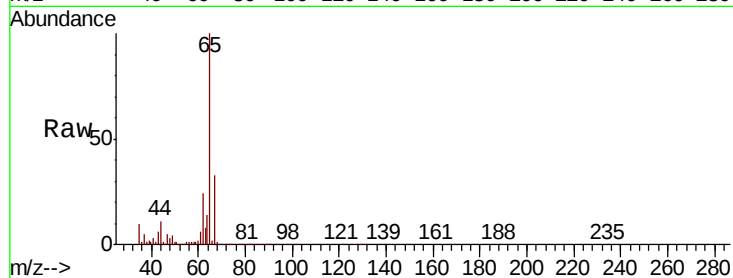
ClientSampleId :

Tot Ion: 62 Resp: 20579

Ion Ratio Lower Upper

62 100

64 58.1 23.9 44.3#



#8

Chloroethane

Concen: 15.858 ug/L

RT: 1.55 min Scan# 144

Delta R.T. -0.04 min

Lab File: VV015287.D

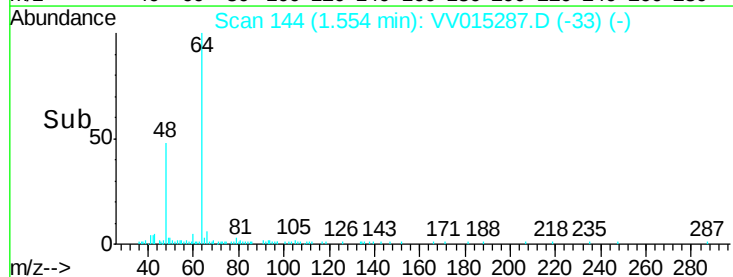
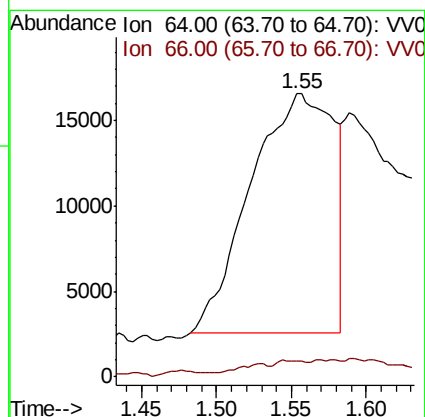
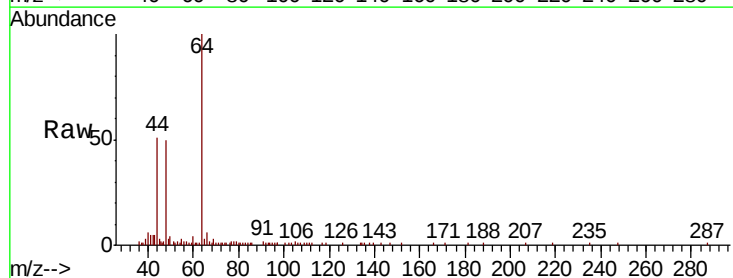
Acq: 30 Mar 2020 21:20

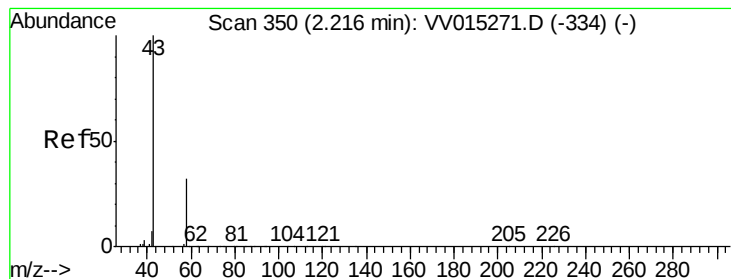
Tgt Ion: 64 Resp: 54019

Ion Ratio Lower Upper

64 100

66 5.8 21.5 39.9#





#13

Acetone

Concen: 48.075 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV015287.D

Acq: 30 Mar 2020 21:20

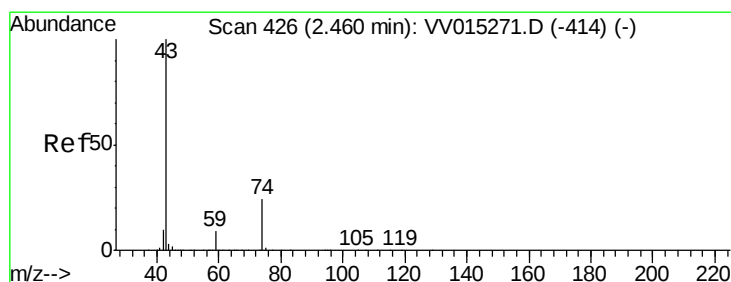
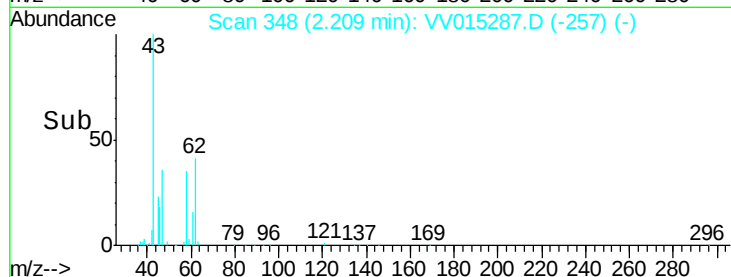
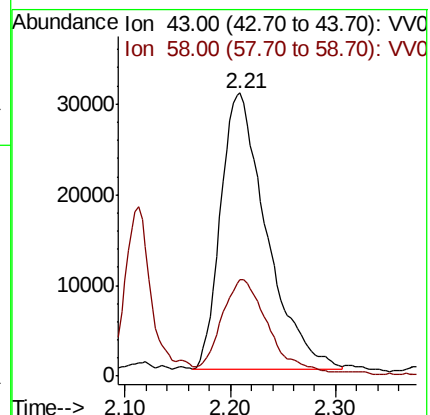
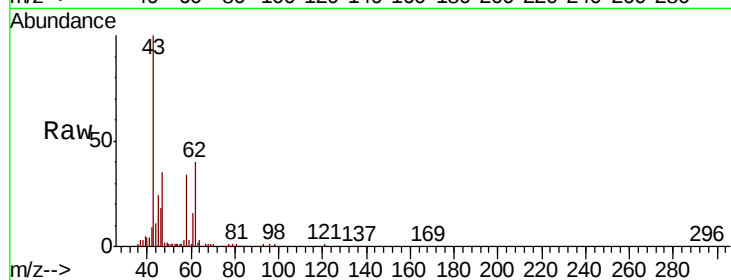
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 91682

Ion Ratio Lower Upper

43 100

58 33.5 0.0 63.6



#15

Methyl Acetate

Concen: 10.214 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV015287.D

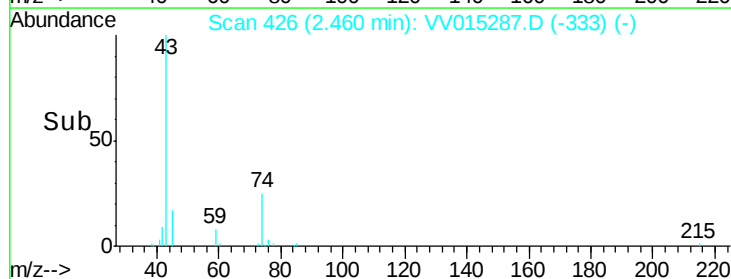
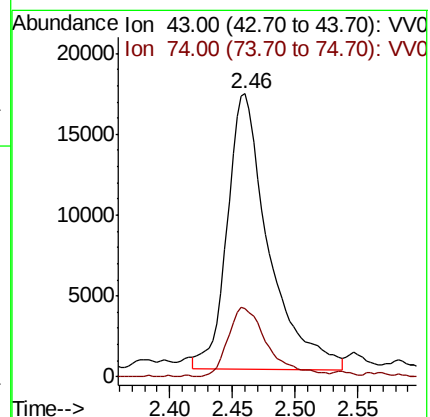
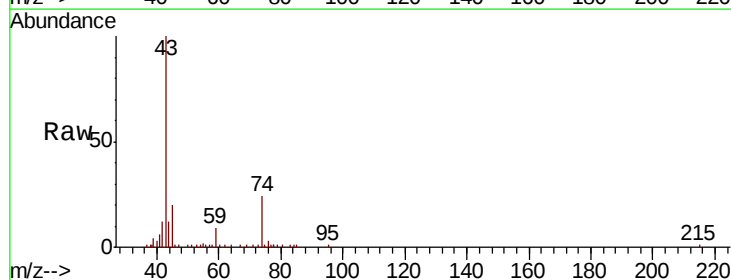
Acq: 30 Mar 2020 21:20

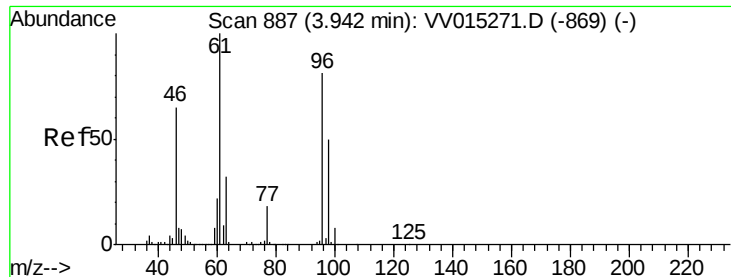
Tgt Ion: 43 Resp: 39112

Ion Ratio Lower Upper

43 100

74 24.5 20.3 30.5



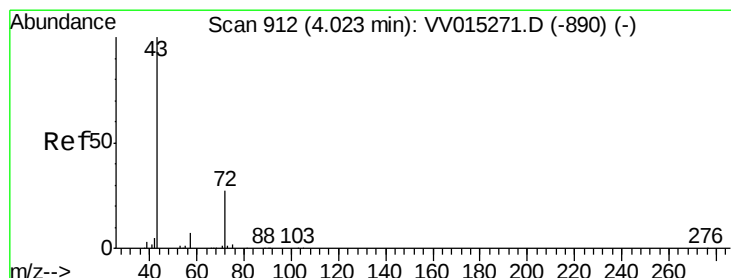
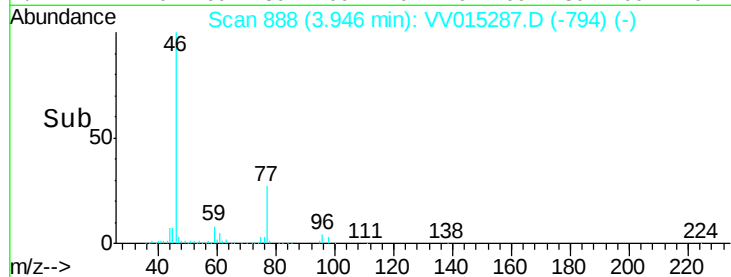
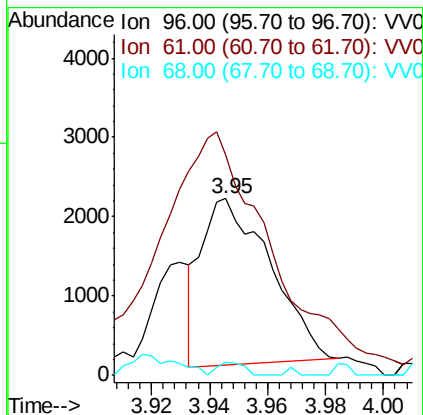
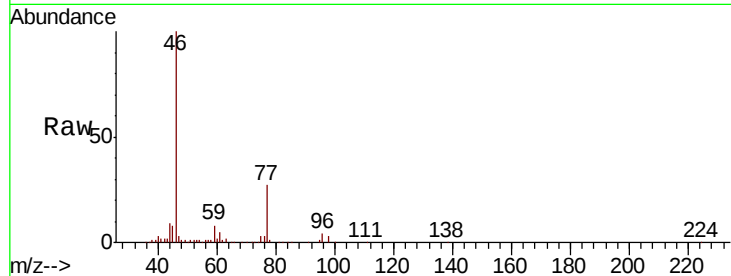


#20

cis-1,2-Dichloroethene
 Concen: 0.839 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VV015287.D
 Acq: 30 Mar 2020 21:20

Instrument :
 MSVOA_V
 ClientSampled :

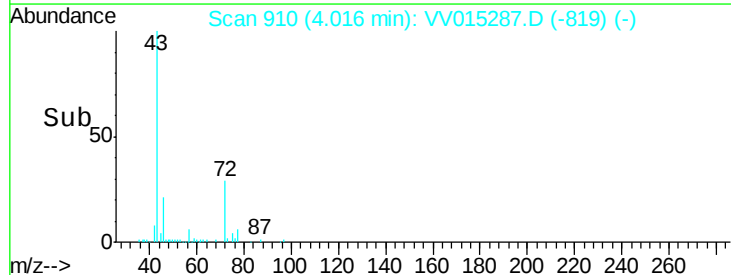
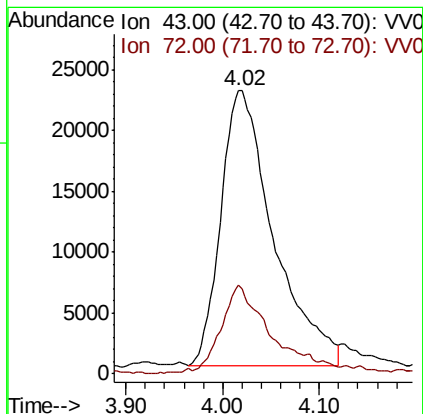
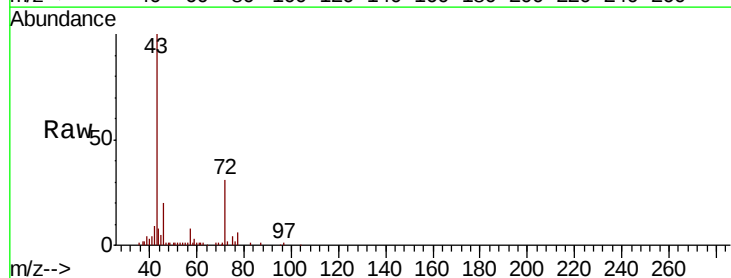
Tot Ion: 96 Resp: 3427
 Ion Ratio Lower Upper
 96 100
 61 125.2 90.2 167.6
 68 7.1 0.1 0.1#

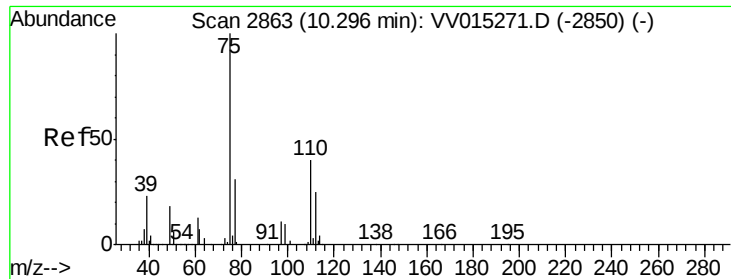


#22

2-Butanone
 Concen: 30.697 ug/L
 RT: 4.02 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: VV015287.D
 Acq: 30 Mar 2020 21:20

Tgt Ion: 43 Resp: 85339
 Ion Ratio Lower Upper
 43 100
 72 24.0 12.4 37.0





#59

1,2,3-Trichloropropane

Concen: 7.272 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015287.D

Acq: 30 Mar 2020 21:20

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 38400

Ion Ratio Lower Upper

75 100

77 35.8 24.7 37.1

