

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015281.D
 Acq On : 30 Mar 2020 18:55
 Operator : SY/MD
 Sample : L1975-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:21:21 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	587909	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	570882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	249113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110290	25.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.46%#
7) Chloroethane-d5	1.58	69	124756	31.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.54%#
11) 1,1-Dichloroethene-d2	2.12	63	180520	19.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.06%#
21) 2-Butanone-d5	3.93	46	236412	84.33	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.33%
24) Chloroform-d	4.38	84	266344	34.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.12%#
26) 1,2-Dichloroethane-d4	5.06	65	175248	34.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.58%#
32) Benzene-d6	5.08	84	474110	31.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.62%#
36) 1,2-Dichloropropane-d6	6.10	67	165972	35.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.22%
41) Toluene-d8	7.34	98	432163	29.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.94%#
43) trans-1,3-Dichloropropene-	7.64	79	72155	28.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.86%#
47) 2-Hexanone-d5	8.11	63	198098	90.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	261363	38.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	177410	35.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.56%#

Target Compounds

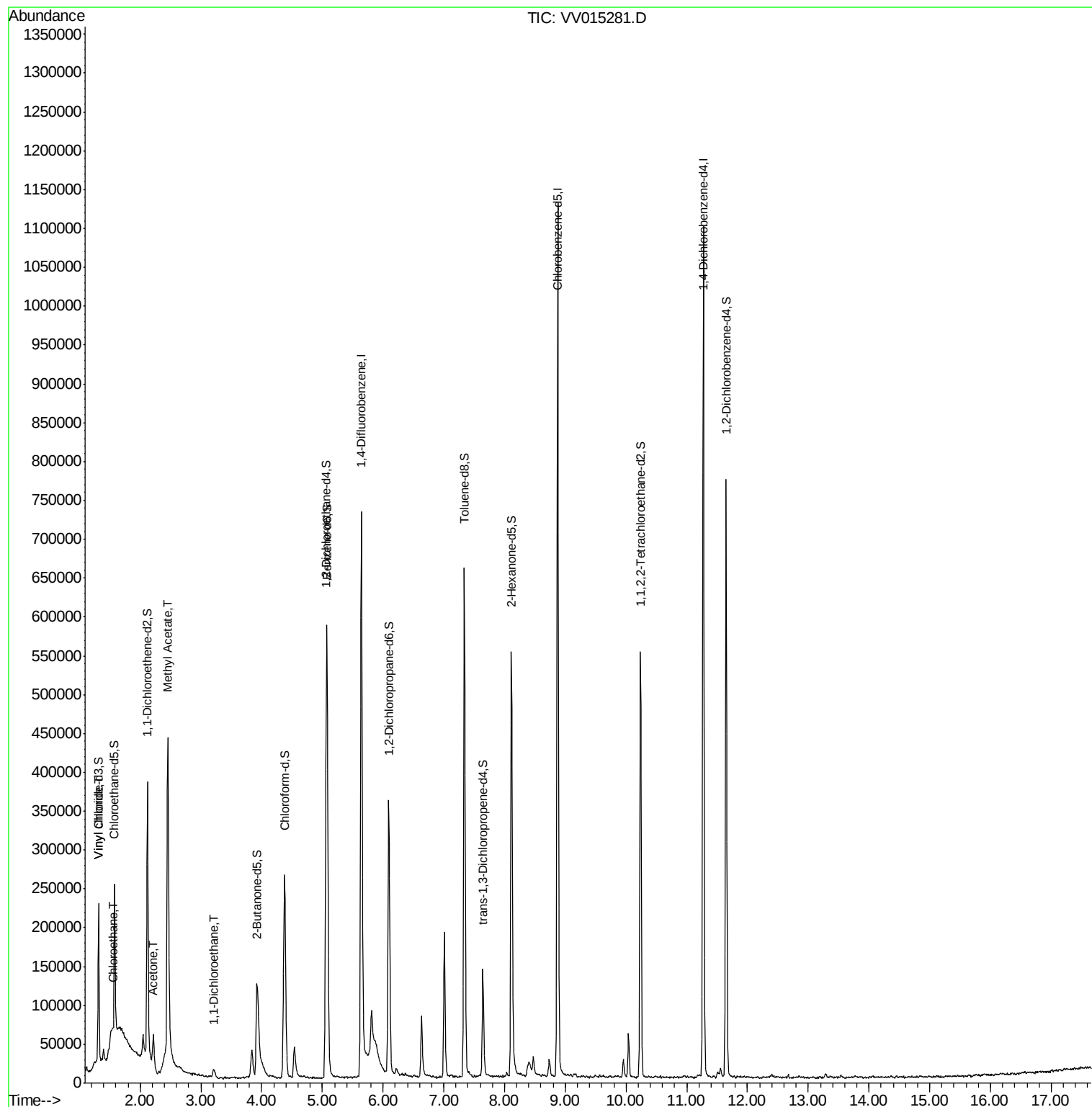
					Ovalue
5) Vinyl chloride	1.32	62	6297	1.271 ug/L #	1
8) Chloroethane	1.55	64	90717	26.548 ug/L #	55
13) Acetone	2.20	43	36835	19.255 ug/L	93
15) Methyl Acetate	2.45	43	516142	134.372 ug/L	100
19) 1,1-Dichloroethane	3.22	63	6433	0.947 ug/L #	94

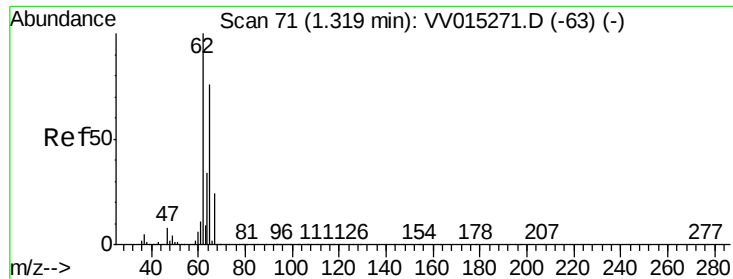
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.271 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015281.D

Acq: 30 Mar 2020 18:55

Instrument :

MSVOA_V

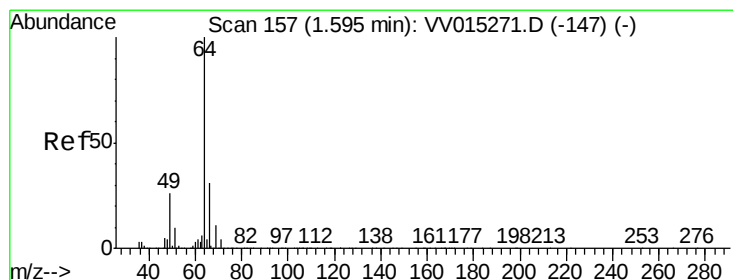
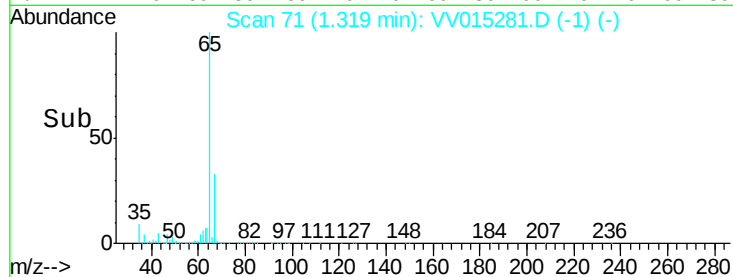
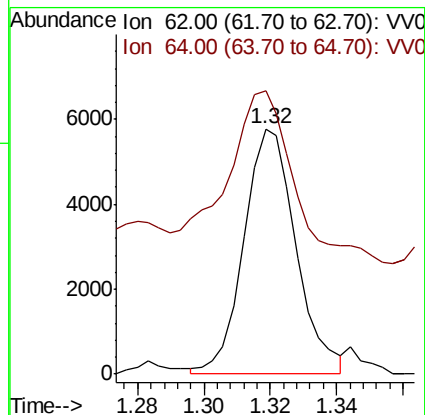
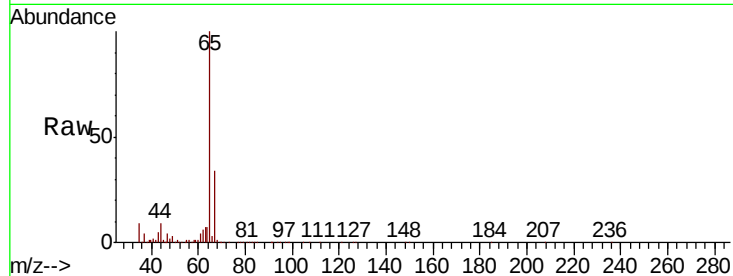
ClientSampleId :

Tot Ion: 62 Resp: 6297

Ion Ratio Lower Upper

62 100

64 115.4 23.9 44.3#



#8

Chloroethane

Concen: 26.548 ug/L

RT: 1.55 min Scan# 142

Delta R.T. -0.05 min

Lab File: VV015281.D

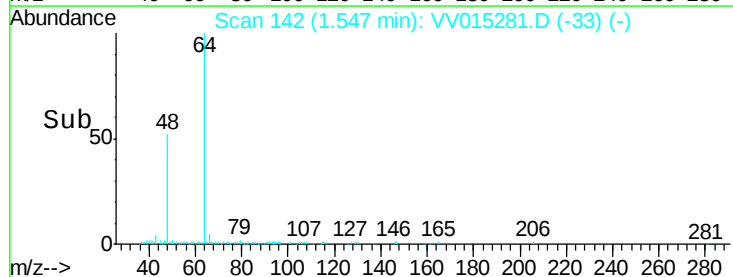
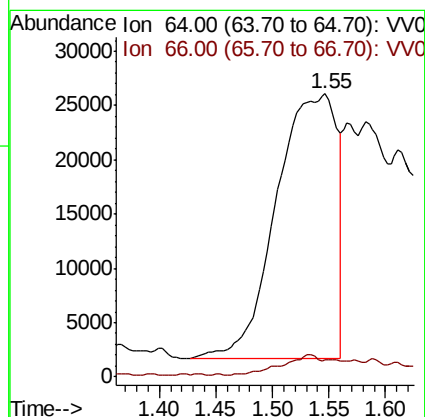
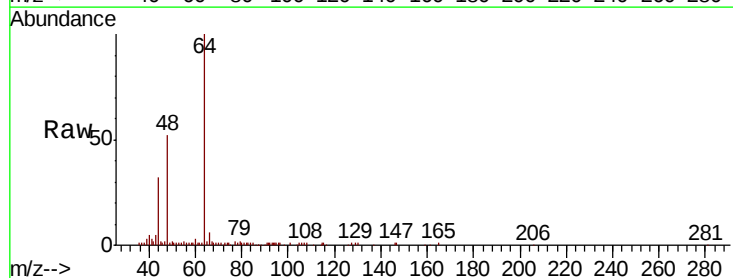
Acq: 30 Mar 2020 18:55

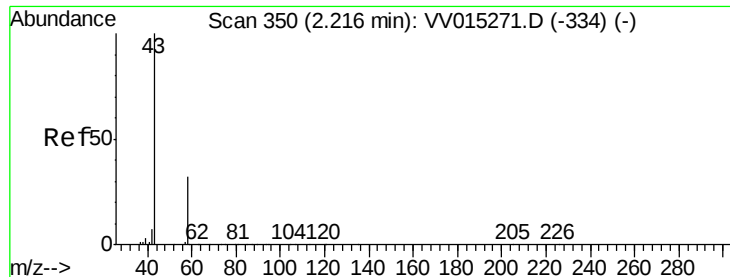
Tgt Ion: 64 Resp: 90717

Ion Ratio Lower Upper

64 100

66 5.9 21.5 39.9#





#13

Acetone

Concen: 19.255 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV015281.D

Acq: 30 Mar 2020 18:55

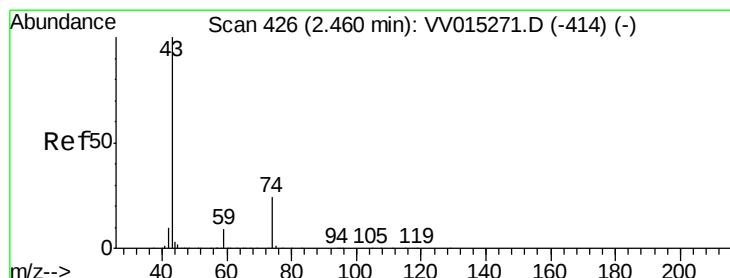
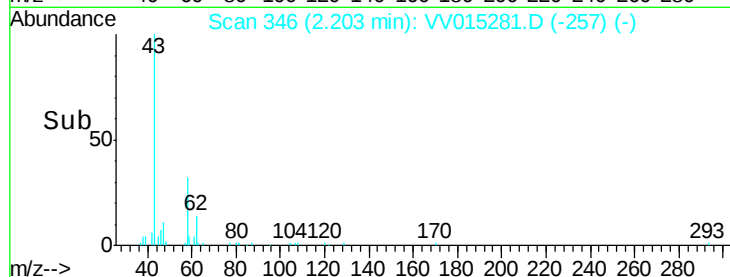
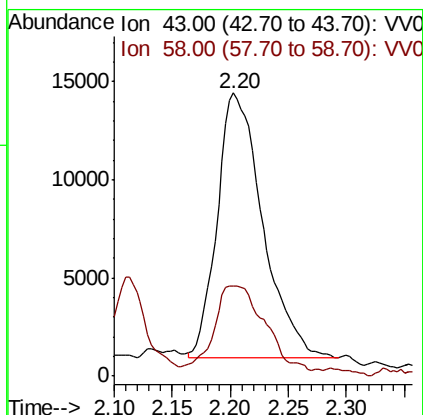
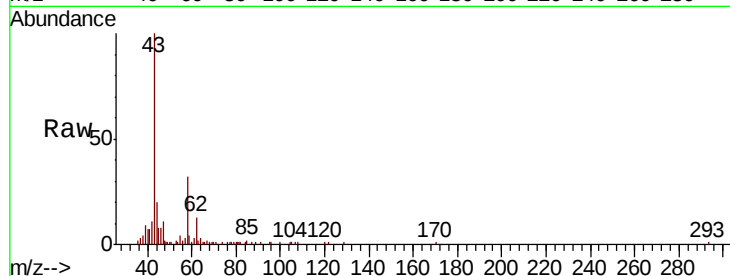
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 36835

Ion Ratio Lower Upper

43 100

58 35.9 0.0 63.6



#15

Methyl Acetate

Concen: 134.372 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV015281.D

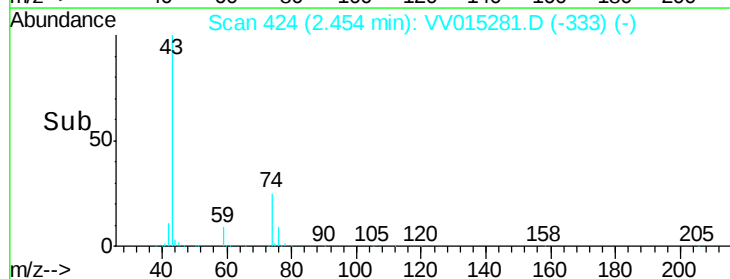
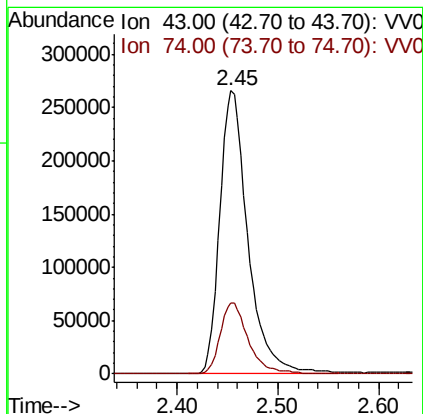
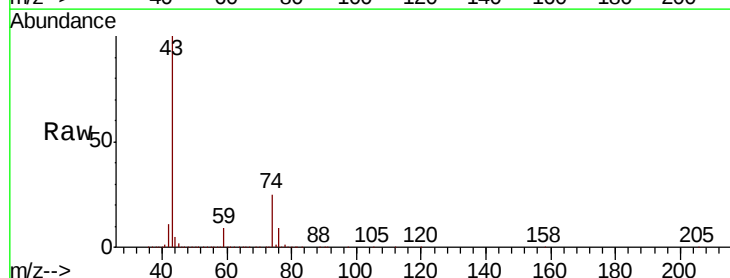
Acq: 30 Mar 2020 18:55

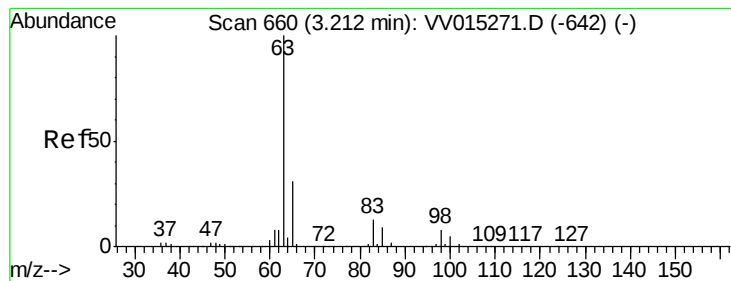
Tgt Ion: 43 Resp: 516142

Ion Ratio Lower Upper

43 100

74 25.2 20.3 30.5





#19

1,1-Dichloroethane

Concen: 0.947 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV015281.D

Acq: 30 Mar 2020 18:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 6433

Ion Ratio Lower Upper

63 100

65 29.7 22.2 41.2

83 18.5 9.7 18.1#

