

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017893.D
 Acq On : 10 Aug 2020 13:11
 Operator : SY/MD
 Sample : L3579-12ME
 Misc : 7.60u/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 01:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272056	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	133140	50.00	ug/L	0.00

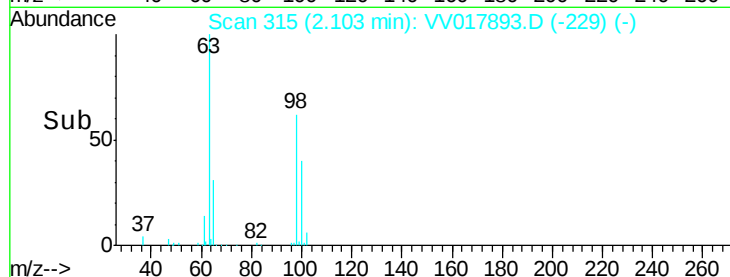
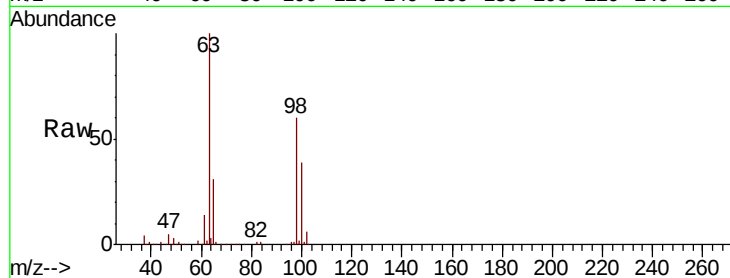
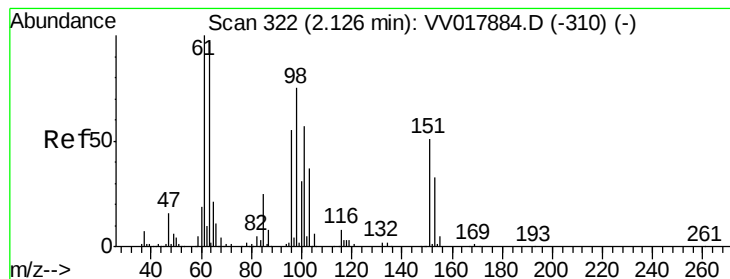
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61141	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.57	69	48402	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.10%
11) 1,1-Dichloroethene-d2	2.10	63	115085	34.09	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	3.93	46	71235	80.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.97%
24) Chloroform-d	4.37	84	168684	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
26) 1,2-Dichloroethane-d4	5.05	65	126058	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.07	84	284101	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.09	67	76471	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.34	98	280849	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%
43) trans-1,3-Dichloropropene-	7.64	79	51585	51.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.62%
47) 2-Hexanone-d5	8.14	63	50015	89.31	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103479	42.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	127809	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1155	0.665 ug/L #	14
16) Methylene chloride	2.51	84	1950	1.157 ug/L	76
39) cis-1,3-Dichloropropene	7.01	75	3430	1.460 ug/L #	80
46) Tetrachloroethene	8.00	164	39269	22.081 ug/L	92
48) 2-Hexanone	8.14	43	7065	4.736 ug/L #	63
49) Dibromochloromethane	8.00	129	36087	18.865 ug/L #	12

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



#10

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

Concen: 0.665 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

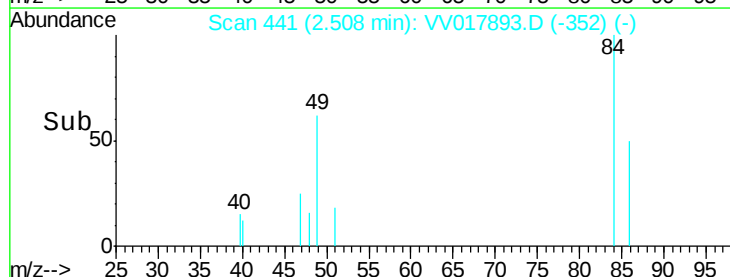
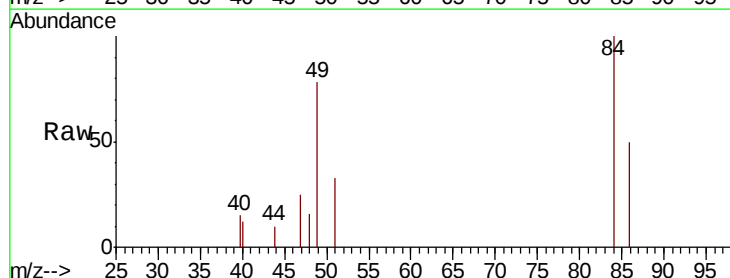
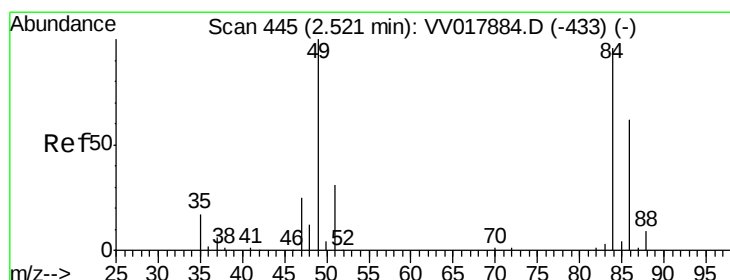
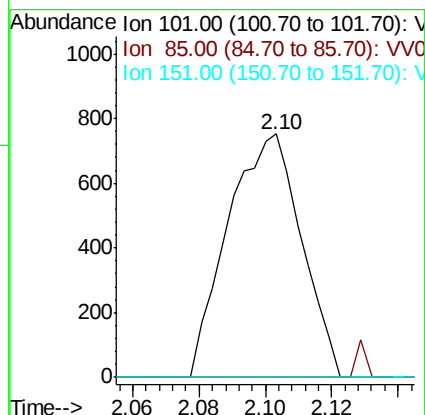
Tot Ion:101 Resp: 1155

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#



#16

Methylene chloride

Concen: 1.157 ug/L

RT: 2.51 min Scan# 441

Delta R.T. -0.01 min

Lab File: VV017893.D

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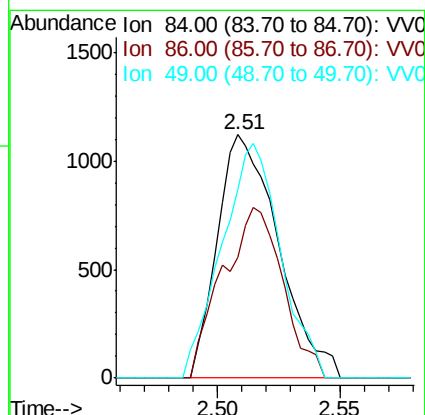
Tgt Ion: 84 Resp: 1950

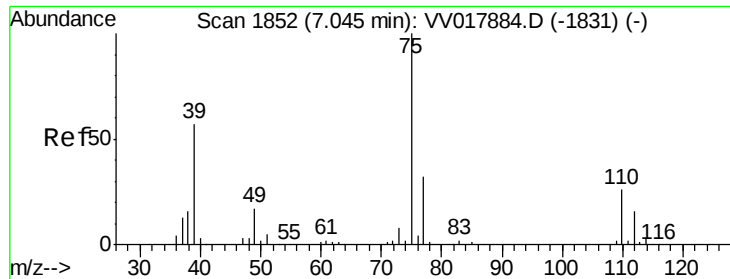
Ion Ratio Lower Upper

84 100

86 49.8 46.2 85.8

49 77.5 73.6 136.6

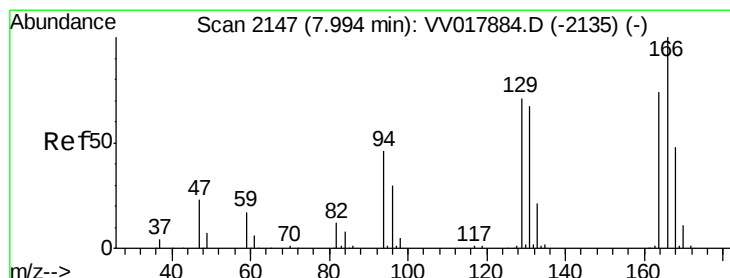
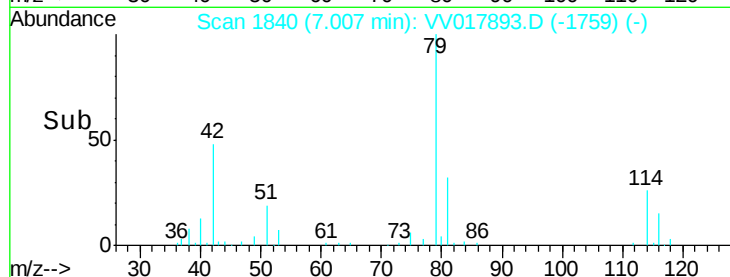
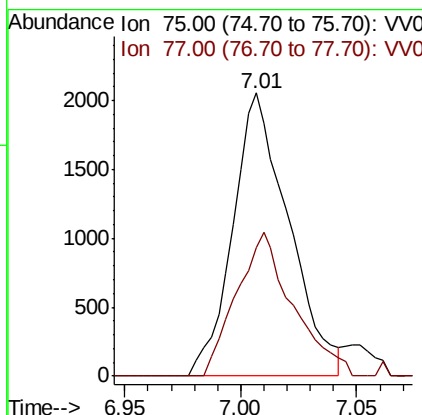
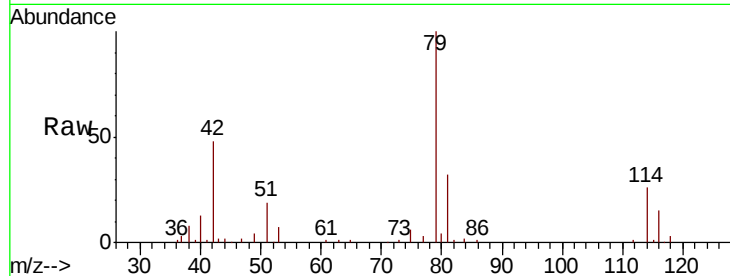




#39
 cis-1,3-Dichloropropene
 Concen: 1.460 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017893.D
 Acq: 10 Aug 2020 13:11

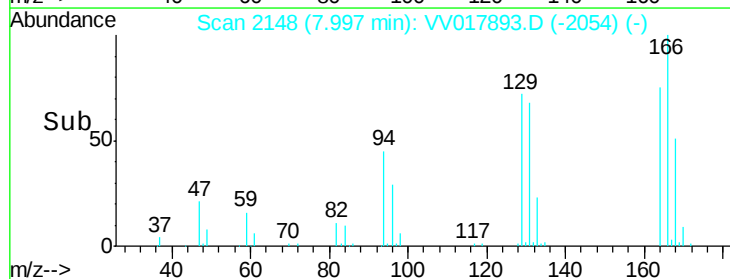
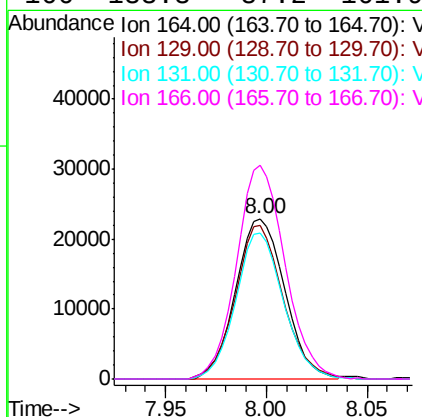
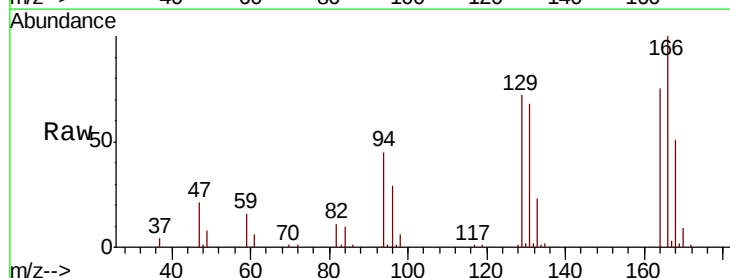
Instrument :
 MSVOA_V
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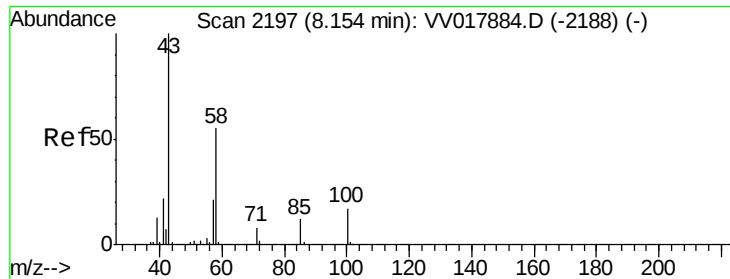
Tot Ion: 75 Resp: 3430
 Ion Ratio Lower Upper
 75 100
 77 45.4 23.7 44.1#



#46
 Tetrachloroethene
 Concen: 22.081 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017893.D
 Acq: 10 Aug 2020 13:11

Tgt Ion: 164 Resp: 39269
 Ion Ratio Lower Upper
 164 100
 129 95.7 61.6 114.4
 131 91.2 59.6 110.8
 166 133.3 87.2 161.9

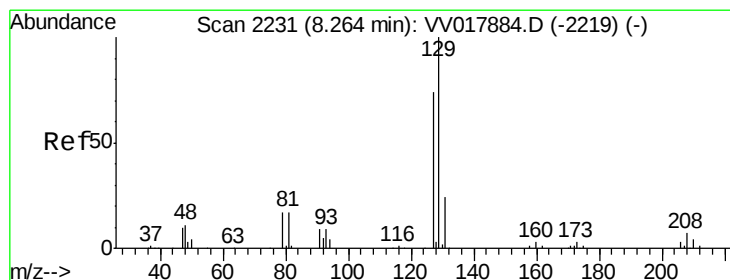
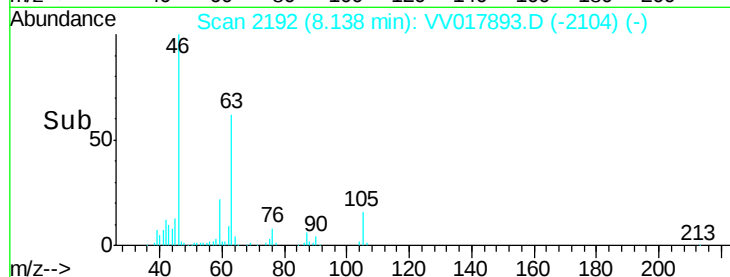
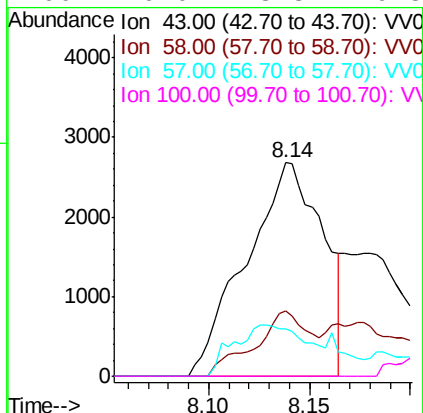
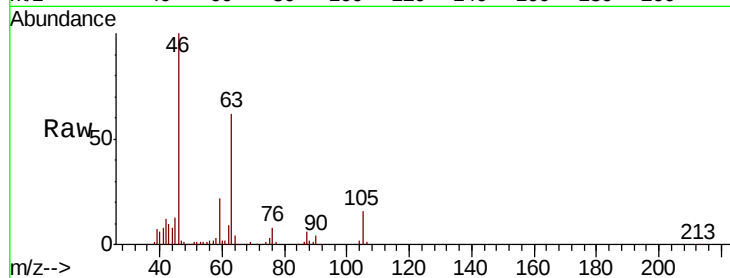




#48
2-Hexanone
Concen: 4.736 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7065
Ion Ratio Lower Upper
43 100
58 21.9 43.8 65.8#
57 15.2 18.0 27.0#
100 0.0 13.8 20.8#



#49
Dibromochloromethane
Concen: 18.865 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

Tgt Ion: 129 Resp: 36087
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#

