

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014901.D
 Acq On : 13 Mar 2020 13:35
 Operator : SY/MD
 Sample : L1840-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4

Quant Time: Mar 14 03:25:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 14 03:23:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394312	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	385128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98781	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.04%
7) Chloroethane-d5	1.58	69	82845	39.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.54%
11) 1,1-Dichloroethene-d2	2.12	63	128203	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.82%#
21) 2-Butanone-d5	3.93	46	121106	60.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.85%
24) Chloroform-d	4.38	84	226809	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.06	65	151974	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
32) Benzene-d6	5.08	84	453589	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
36) 1,2-Dichloropropane-d6	6.10	67	138414	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.34	98	432864	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%
43) trans-1,3-Dichloropropene-	7.64	79	62899	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
47) 2-Hexanone-d5	8.12	63	121602	81.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195202	42.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	181650	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

Target Compounds

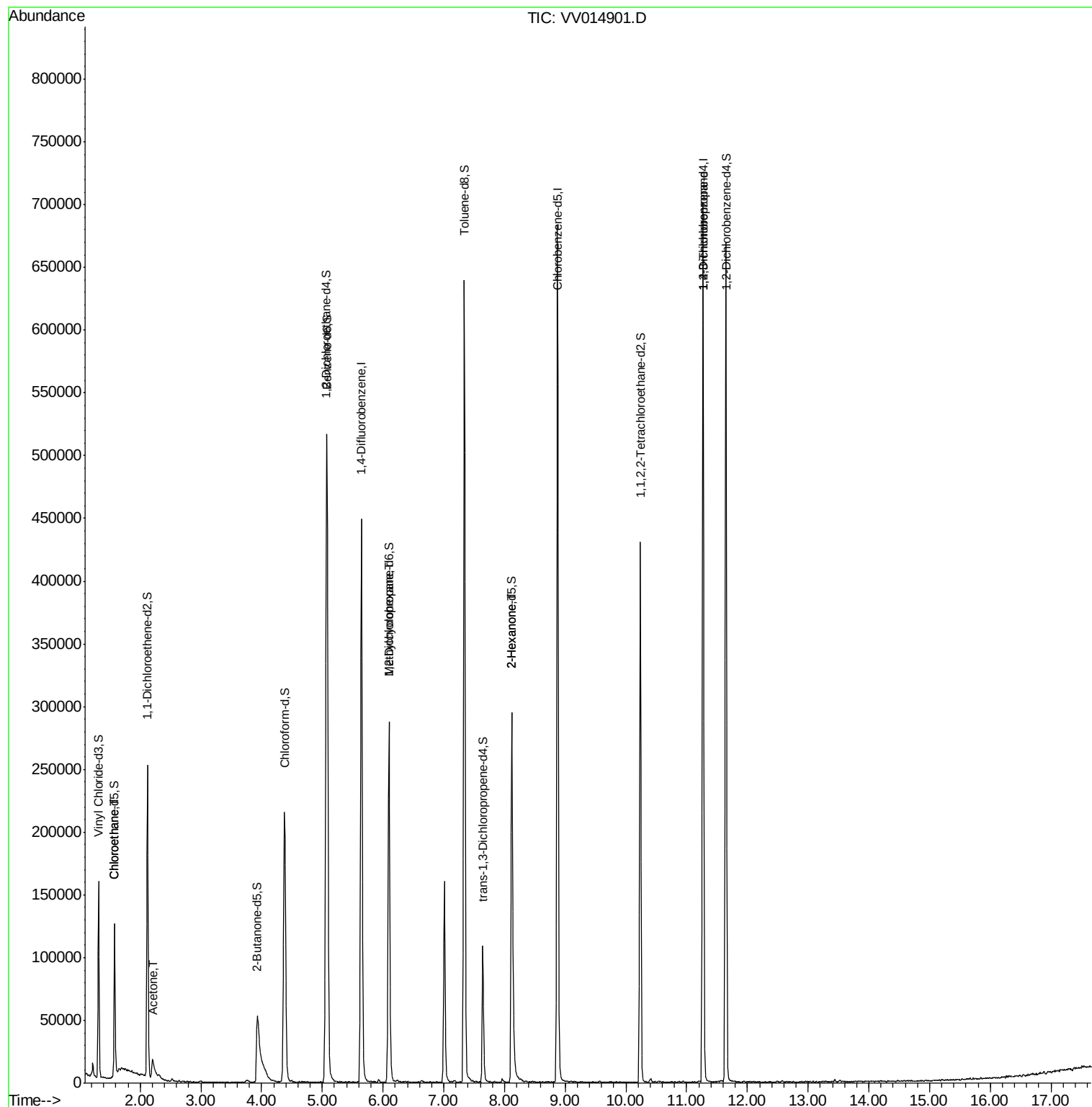
					Ovalue
8) Chloroethane	1.58	64	2260	1.322 ug/L #	56
13) Acetone	2.20	43	39767	23.932 ug/L	68
35) Methylcyclohexane	6.10	83	36819	7.650 ug/L #	18
48) 2-Hexanone	8.12	43	14655	4.265 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	19634	5.099 ug/L	91

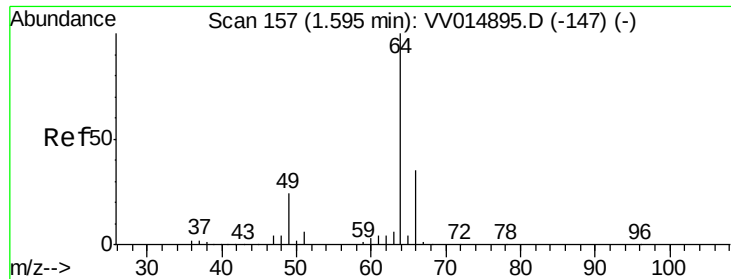
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.322 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.01 min

Lab File: VV014901.D

Acq: 13 Mar 2020 13:35

Instrument :

MSVOA_V

ClientSampleId :

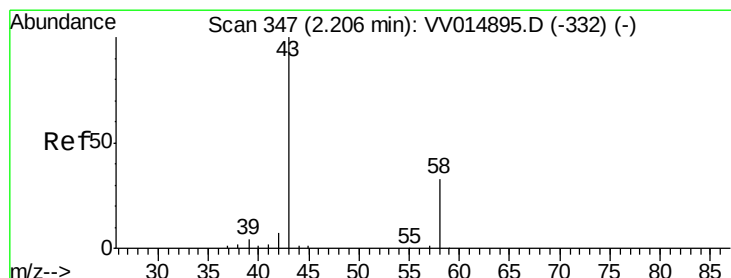
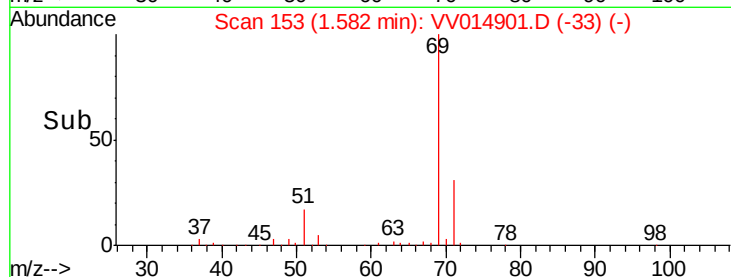
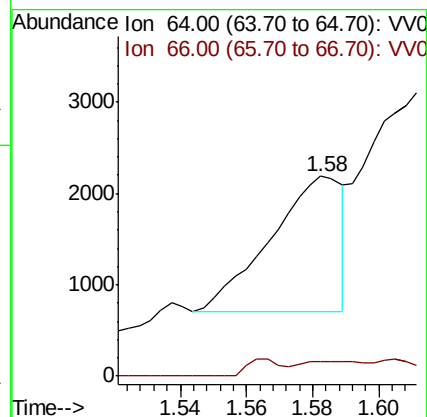
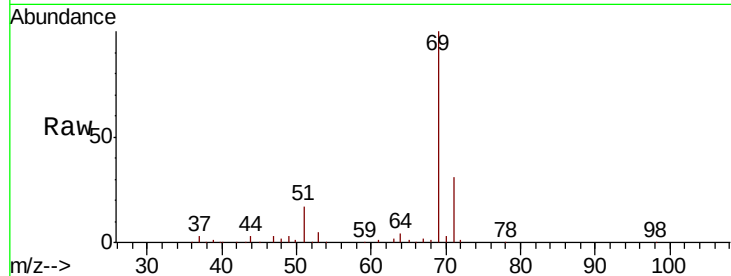
DBES4

Tot Ion: 64 Resp: 2260

Ion Ratio Lower Upper

64 100

66 7.5 22.6 42.0#



#13

Acetone

Concen: 23.932 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV014901.D

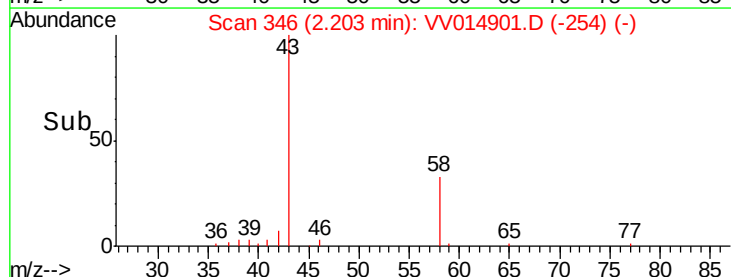
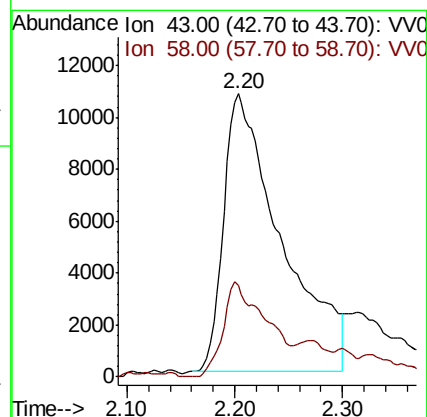
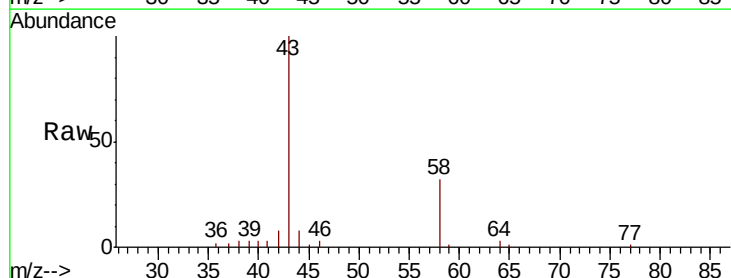
Acq: 13 Mar 2020 13:35

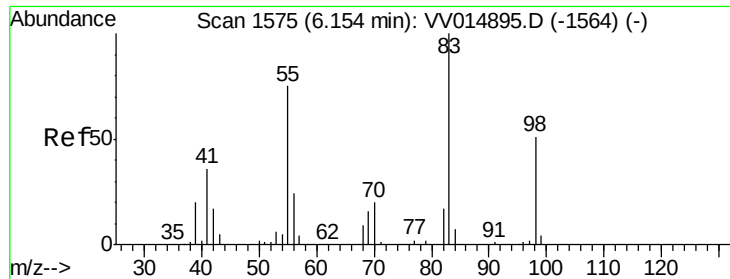
Tgt Ion: 43 Resp: 39767

Ion Ratio Lower Upper

43 100

58 13.6 0.0 62.2

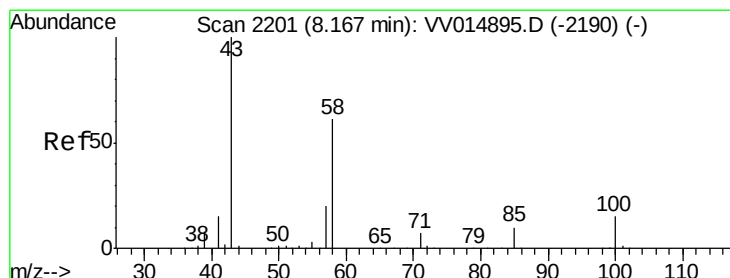
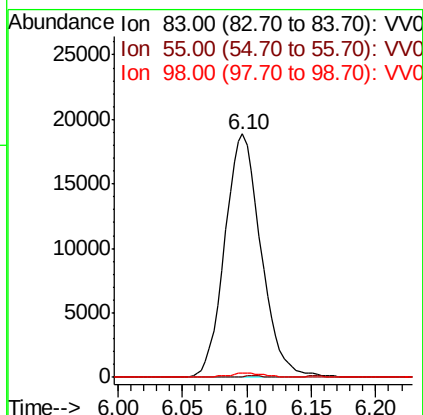
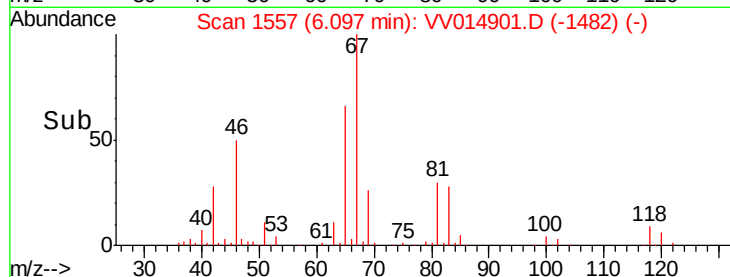
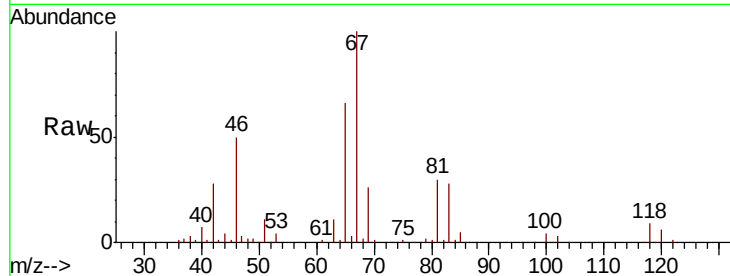




#35
Methylvlcyclohexane
Concen: 7.650 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014901.D
Acq: 13 Mar 2020 13:35

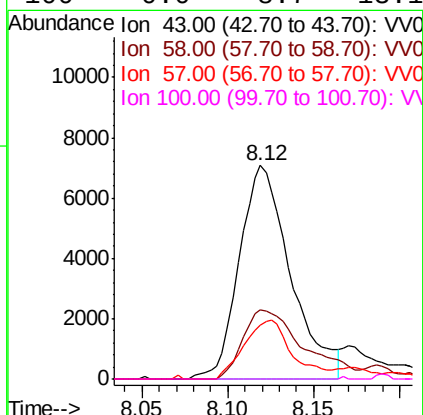
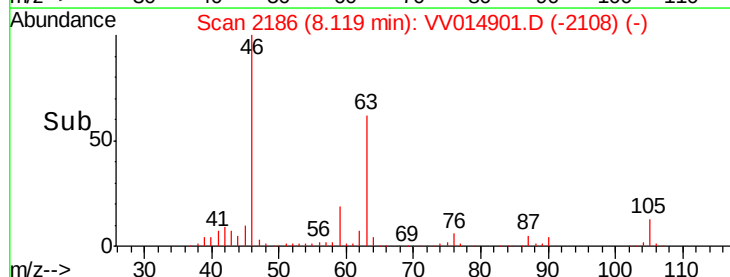
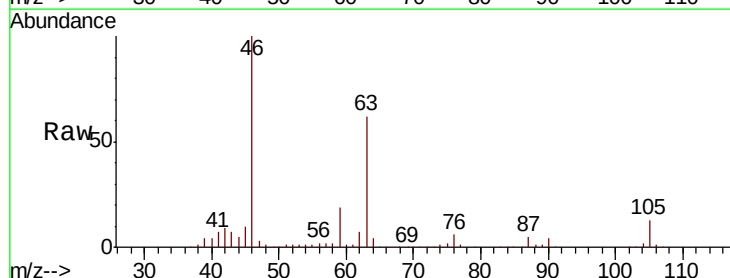
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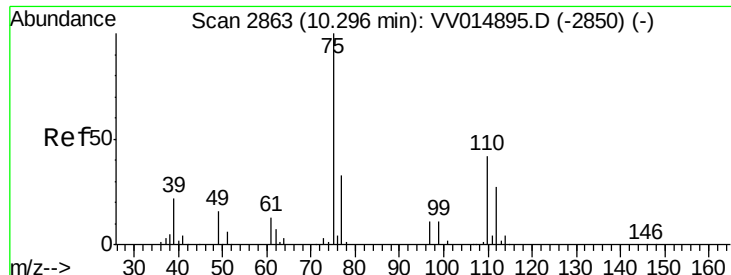
Tot Ion: 83 Resp: 36819
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.7 36.8 55.2#



#48
2-Hexanone
Concen: 4.265 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014901.D
Acq: 13 Mar 2020 13:35

Tgt Ion: 43 Resp: 14655
Ion Ratio Lower Upper
43 100
58 38.7 43.3 64.9#
57 25.8 15.6 23.4#
100 0.0 8.7 13.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.099 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV014901.D
 Acq: 13 Mar 2020 13:35

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4

Tot Ion: 75 Resp: 19634
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4

