

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016875.D
 Acq On : 12 Jun 2020 13:38
 Operator : SY/MD
 Sample : L2848-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Quant Time: Jun 13 01:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	235385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115825	50.00	ug/L	0.00

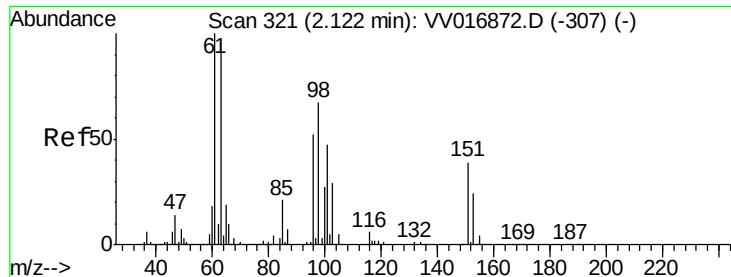
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79837	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.52%
7) Chloroethane-d5	1.55	69	52197	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.11	63	104955	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.89	46	144529	110.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	4.37	84	171033	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.05	65	128679	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.48%
32) Benzene-d6	5.07	84	333592	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.09	67	104812	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.34	98	297479	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.64	79	51638	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.11	63	74888	81.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130780	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	129272	52.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1077	0.810 ug/L #	29
13) Acetone	2.17	43	5612	6.524 ug/L	100
35) Methylcyclohexane	6.09	83	26336	8.988 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	4049	1.439 ug/L #	76
44) trans-1,3-Dichloropropene	7.64	75	2701	0.988 ug/L	99
48) 2-Hexanone	8.16	43	16247	8.165 ug/L #	84

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



#10

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

Concen: 0.810 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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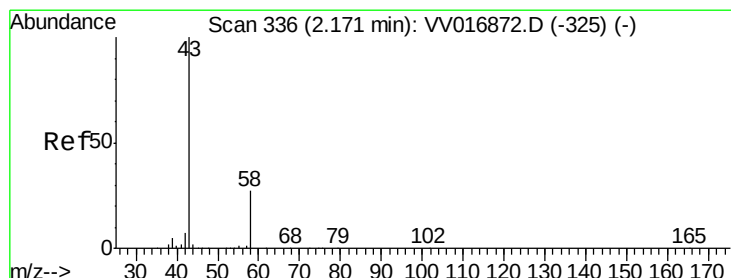
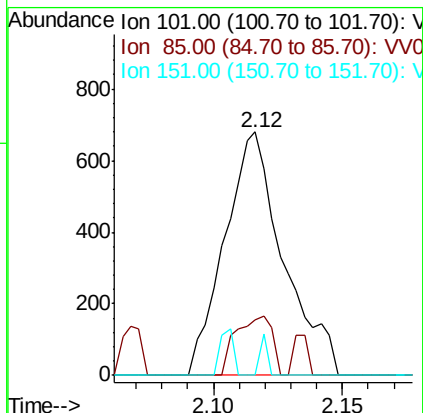
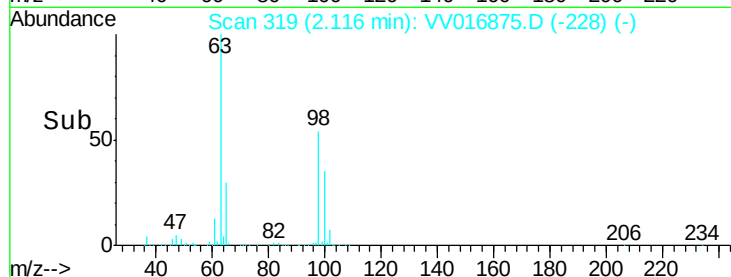
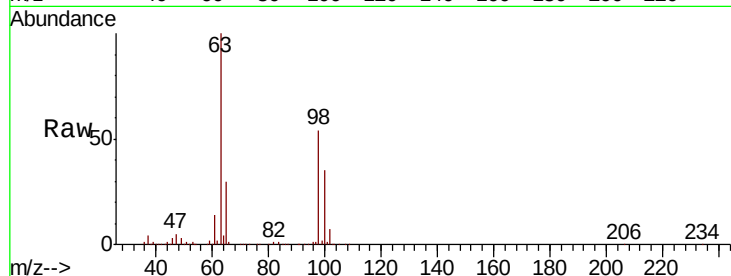
Tot Ion:101 Resp: 1077

Ion Ratio Lower Upper

101 100

85 14.9 35.5 53.3#

151 4.3 63.9 95.9#



#13

Acetone

Concen: 6.524 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016875.D

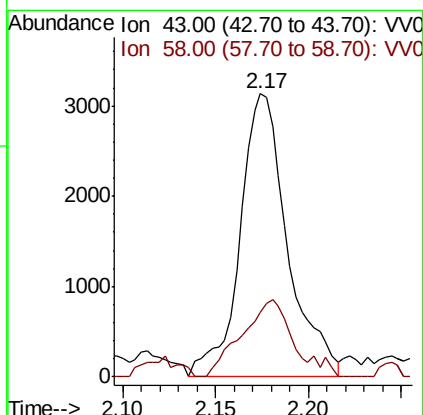
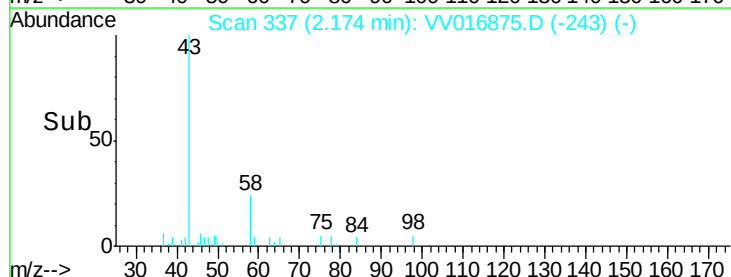
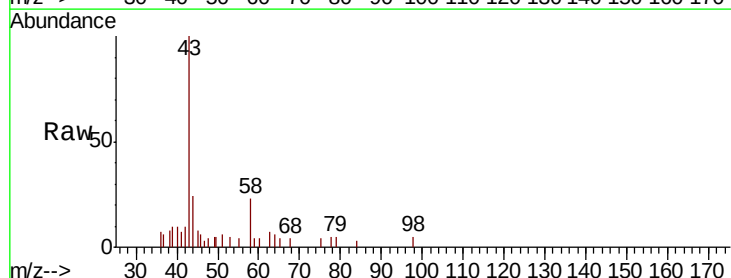
Acq: 12 Jun 2020 13:38

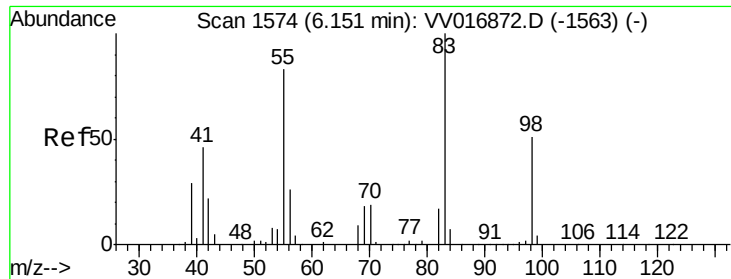
Tgt Ion: 43 Resp: 5612

Ion Ratio Lower Upper

43 100

58 27.4 0.0 55.2

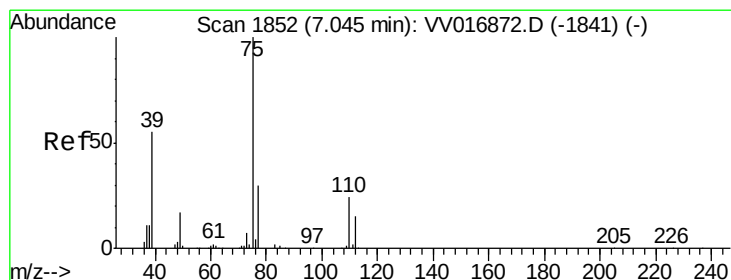
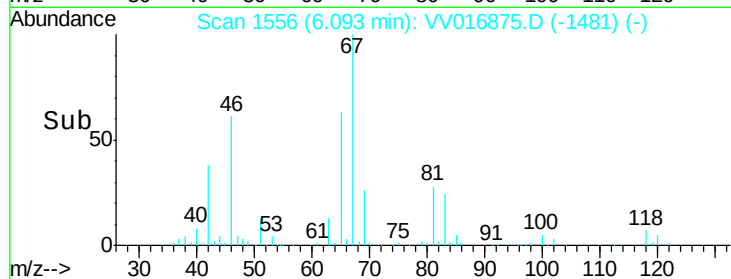
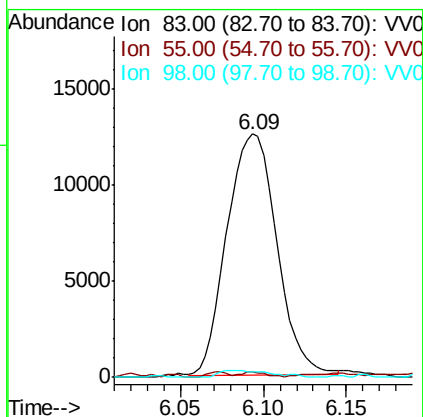
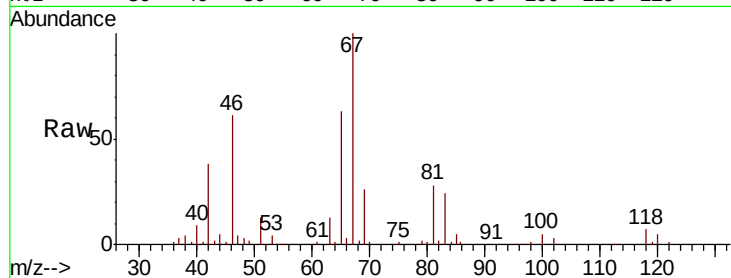




#35
Methylvlcyclohexane
Concen: 8.988 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016875.D
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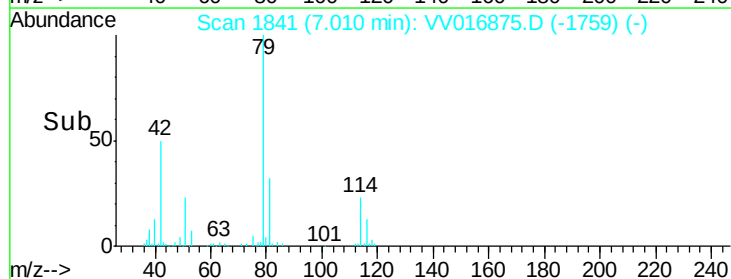
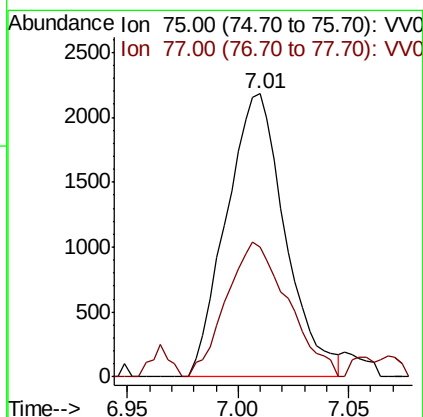
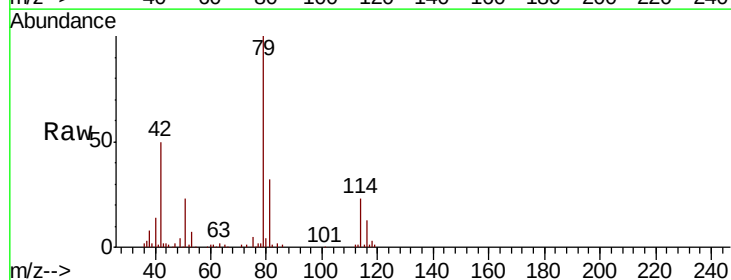
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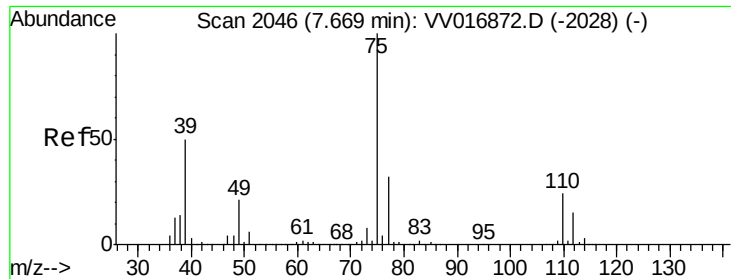
Tot Ion: 83 Resp: 26336
Ion Ratio Lower Upper
83 100
55 1.1 64.2 96.2#
98 0.0 40.3 60.5#



#39
cis-1,3-Dichloropropene
Concen: 1.439 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016875.D
Acq: 12 Jun 2020 13:38

Tgt Ion: 75 Resp: 4049
Ion Ratio Lower Upper
75 100
77 45.9 22.7 42.1#

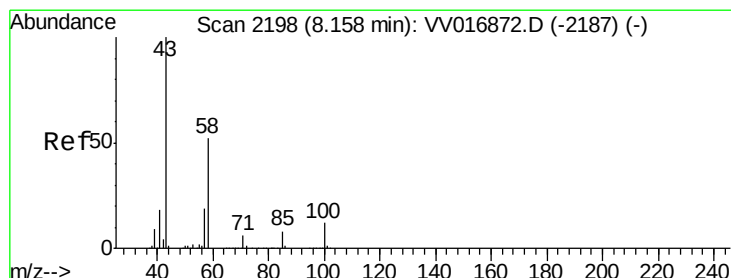
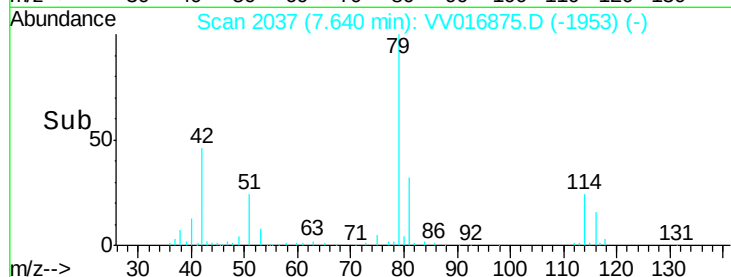
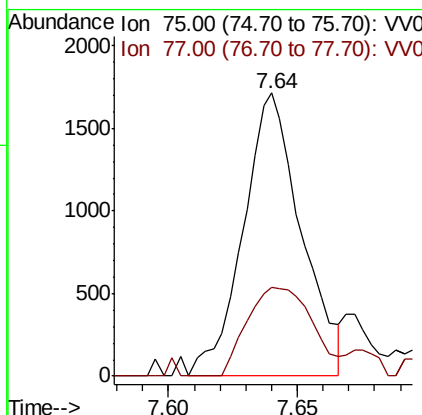
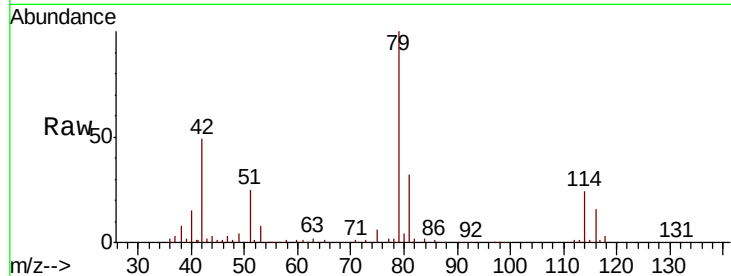




#44
trans-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016875.D
Acq: 12 Jun 2020 13:38

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tot Ion: 75 Resp: 2701
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3



#48
2-Hexanone
Concen: 8.165 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016875.D
Acq: 12 Jun 2020 13:38

Tgt Ion: 43 Resp: 16247
Ion Ratio Lower Upper
43 100
58 38.8 43.1 64.7#
57 16.7 15.3 22.9
100 8.2 10.0 15.0#

