

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018874.D
 Acq On : 13 Oct 2020 13:44
 Operator : SY/MD
 Sample : L4351-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL3

Quant Time: Oct 14 01:35:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	125817	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	101101	40.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.52%
11) 1,1-Dichloroethene-d2	2.12	63	185699	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	3.91	46	185747	98.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.37	84	230876	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	5.06	65	161522	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
32) Benzene-d6	5.07	84	464308	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.09	67	153383	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.14%
41) Toluene-d8	7.34	98	407575	42.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.08%
43) trans-1,3-Dichloropropene-	7.64	79	69010	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
47) 2-Hexanone-d5	8.11	63	93465	74.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149461	36.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	162571	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

Target Compounds

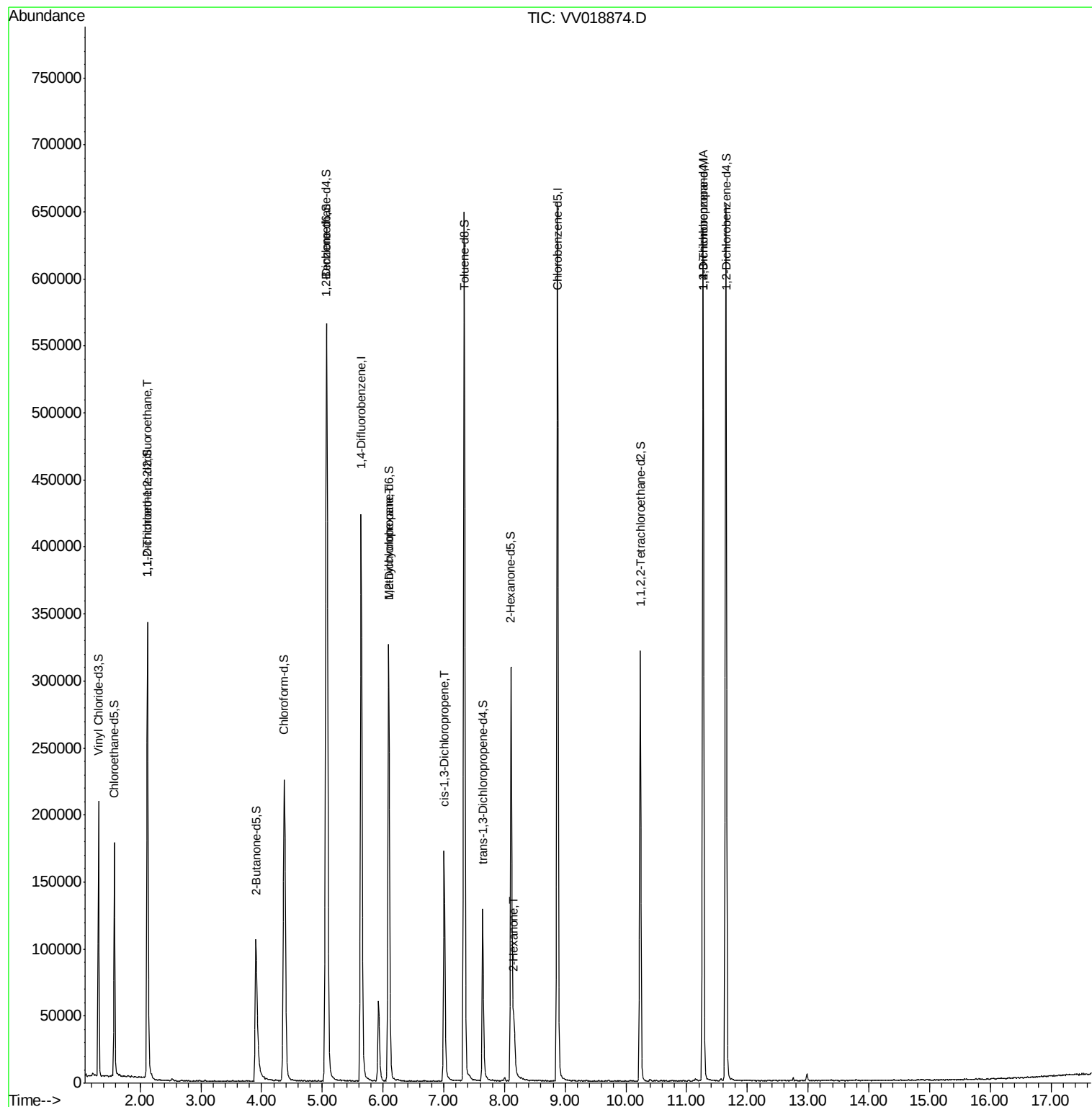
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1635	0.671 ug/L #	19
35) Methylcyclohexane	6.09	83	36131	9.530 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	4537	1.086 ug/L #	71
48) 2-Hexanone	8.16	43	26063	8.591 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	19556	5.557 ug/L	92

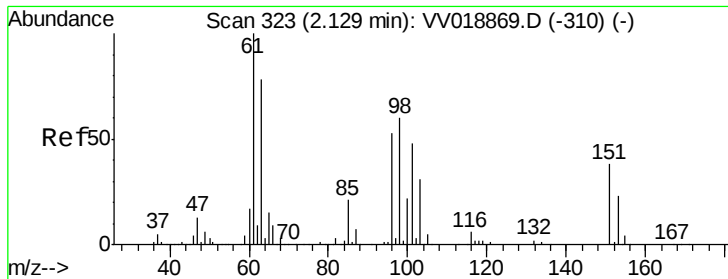
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#10

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

Concen: 0.671 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018874.D

Acq: 13 Oct 2020 13:44

Instrument :

MSVOA_V

ClientSampled :

C0AL3

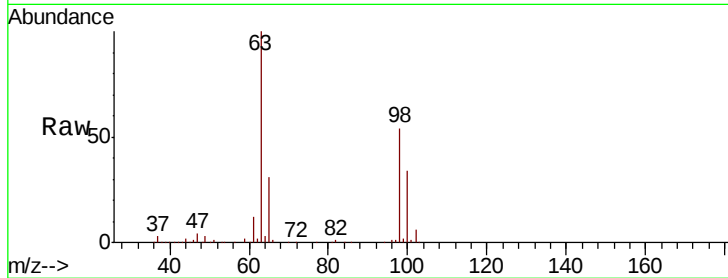
Tot Ion:101 Resp: 1635

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

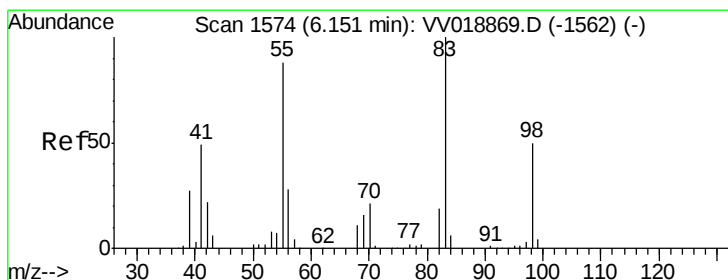
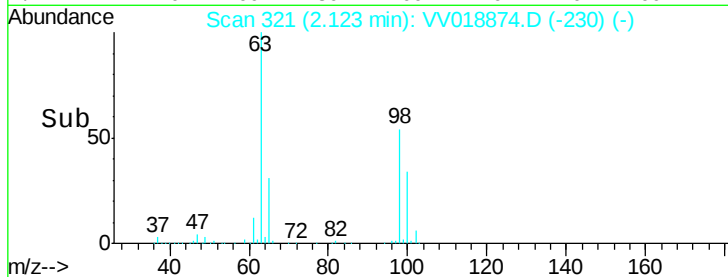
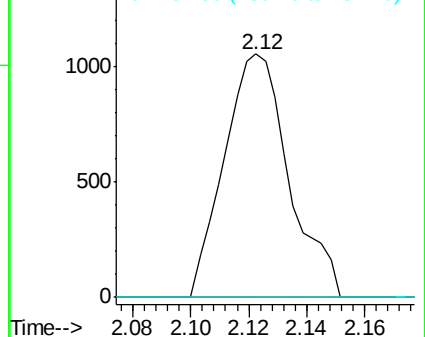
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 9.530 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018874.D

Acq: 13 Oct 2020 13:44

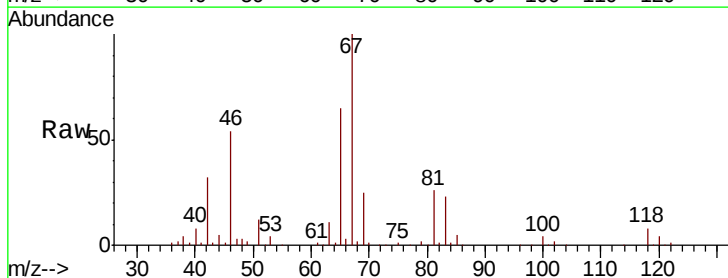
Tgt Ion: 83 Resp: 36131

Ion Ratio Lower Upper

83 100

55 0.6 67.0 100.4#

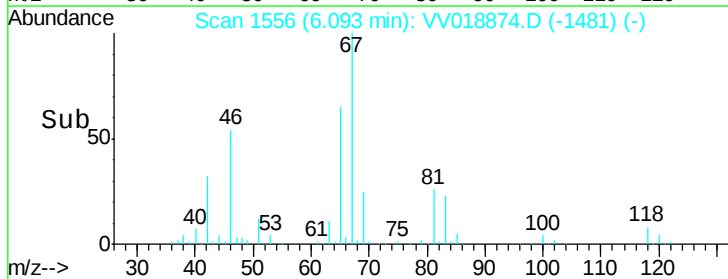
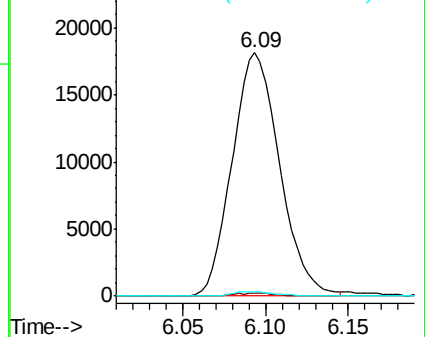
98 0.0 38.8 58.2#

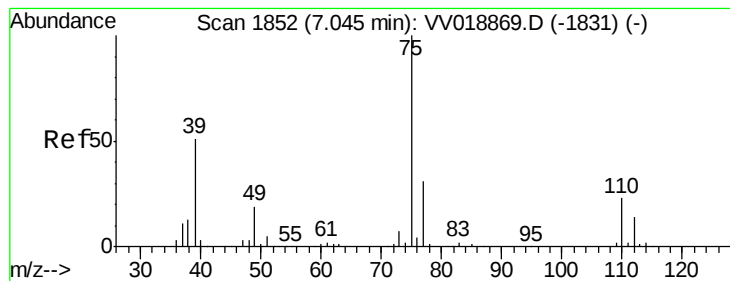


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



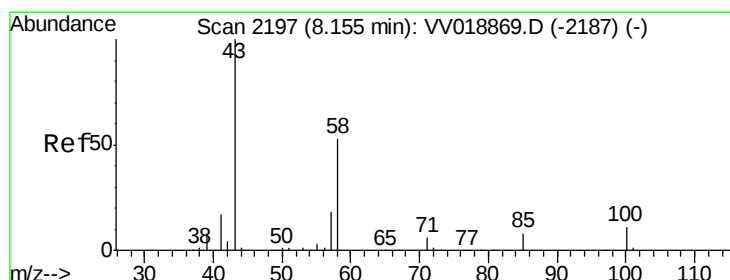
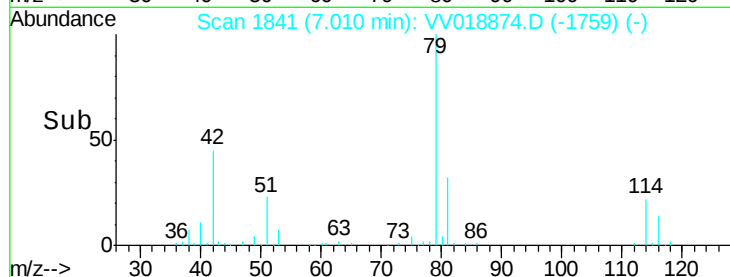
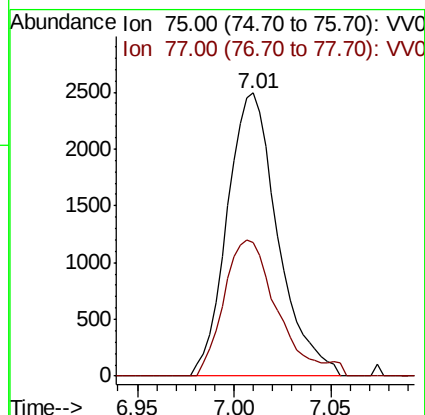
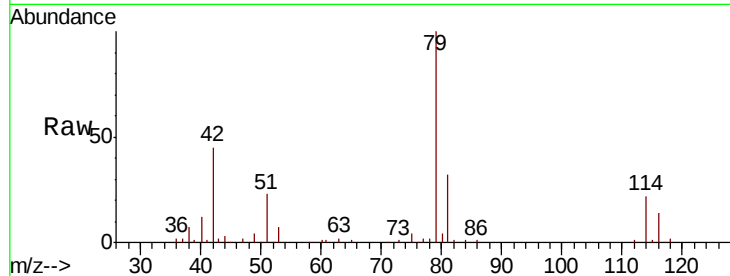


#39

cis-1,3-Dichloropropene
Concen: 1.086 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018874.D
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C0AL3

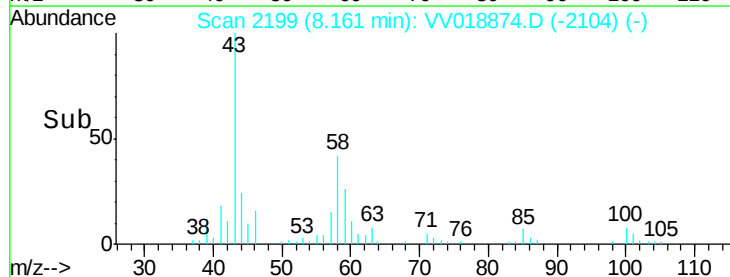
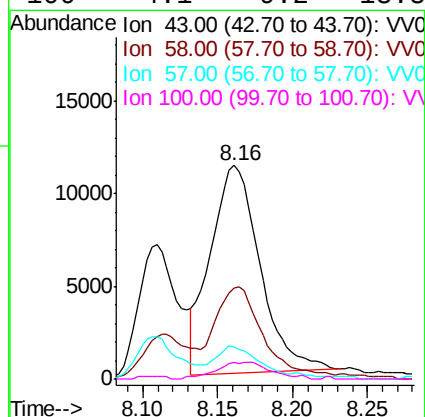
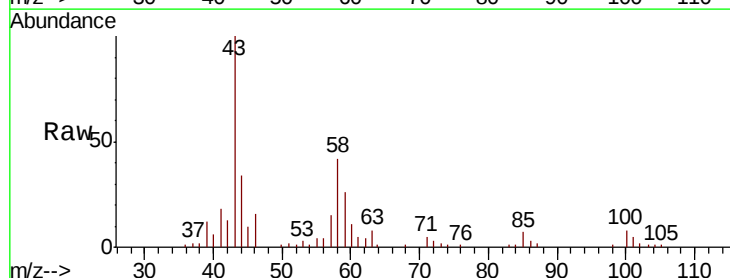
Tot Ion: 75 Resp: 4537
Ion Ratio Lower Upper
75 100
77 47.4 21.8 40.6#

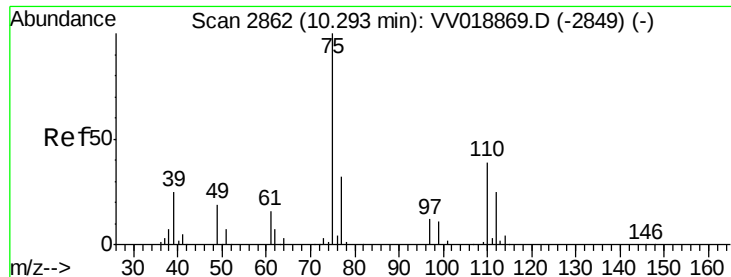


#48

2-Hexanone
Concen: 8.591 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018874.D
Acq: 13 Oct 2020 13:44

Tgt Ion: 43 Resp: 26063
Ion Ratio Lower Upper
43 100
58 38.0 41.8 62.8#
57 11.3 14.9 22.3#
100 4.1 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.557 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018874.D

Acq: 13 Oct 2020 13:44

Instrument :

MSVOA_V

ClientSampleId :

C0AL3

Tot Ion: 75 Resp: 19556

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

