

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018876.D
 Acq On : 13 Oct 2020 14:31
 Operator : SY/MD
 Sample : L4289-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8

Quant Time: Oct 14 01:35:59 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	294668	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78578	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.70%#
7) Chloroethane-d5	1.58	69	74313	34.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.96%#
11) 1,1-Dichloroethene-d2	2.12	63	125042	24.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.44%#
21) 2-Butanone-d5	3.90	46	187720	114.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.19%
24) Chloroform-d	4.38	84	199524	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.06	65	142733	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
32) Benzene-d6	5.07	84	372508	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
36) 1,2-Dichloropropane-d6	6.09	67	130727	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.32%
41) Toluene-d8	7.34	98	308174	36.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.88%#
43) trans-1,3-Dichloropropene-	7.64	79	42214	28.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.36%#
47) 2-Hexanone-d5	8.11	63	97979	91.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170107	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	142040	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

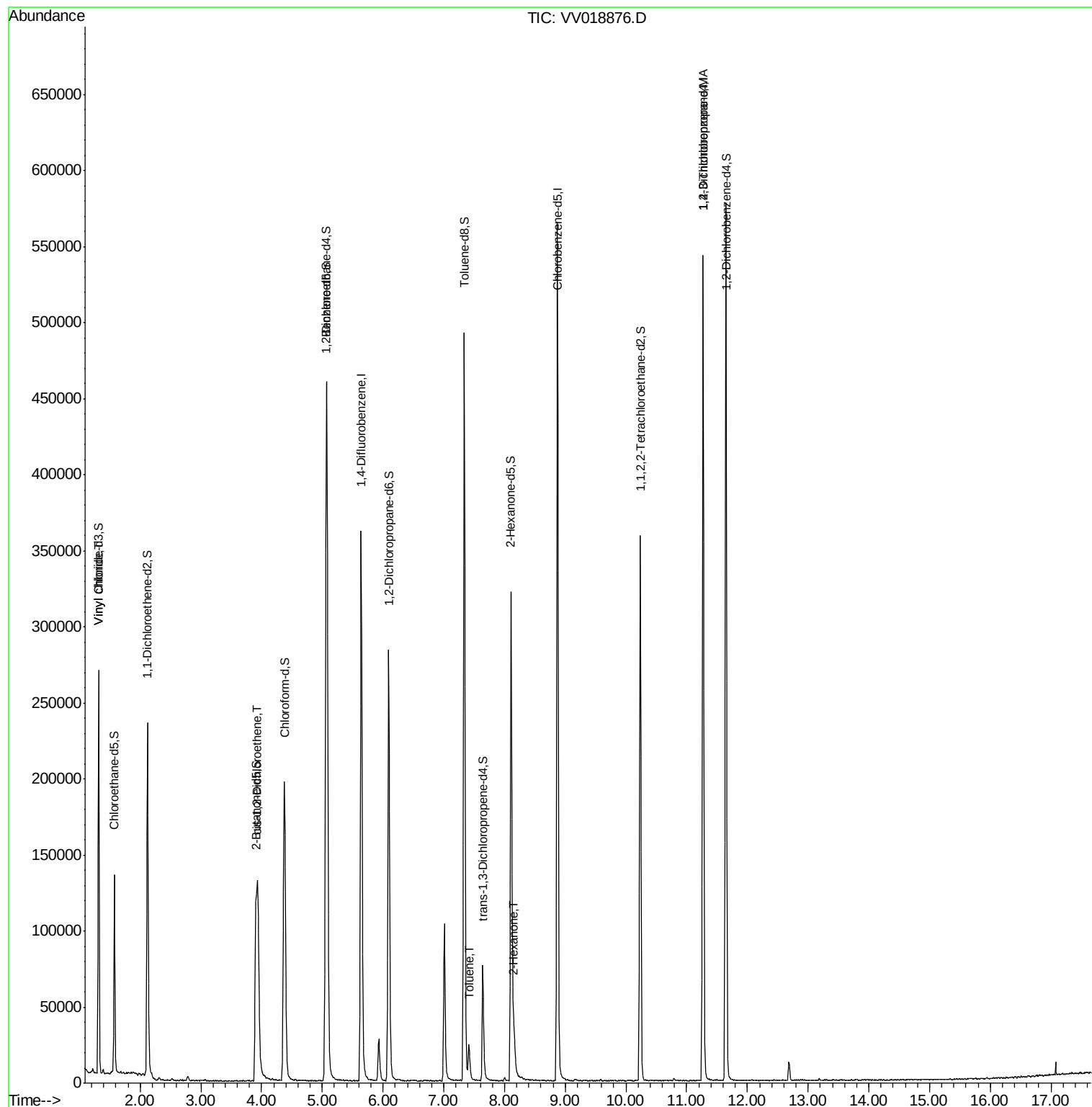
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	91930	35.334	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	53799	23.647	ug/L	99
42) Toluene	7.41	91	16495	1.733	ug/L	90
48) 2-Hexanone	8.16	43	14917	5.713	ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	16587	5.477	ug/L	91

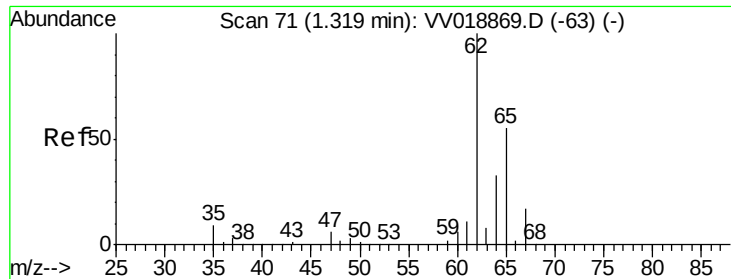
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 01:28:12 2020
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#5

Vinyl chloride

Concen: 35.334 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018876.D

Acq: 13 Oct 2020 14:31

Instrument :

MSVOA_V

ClientSampled :

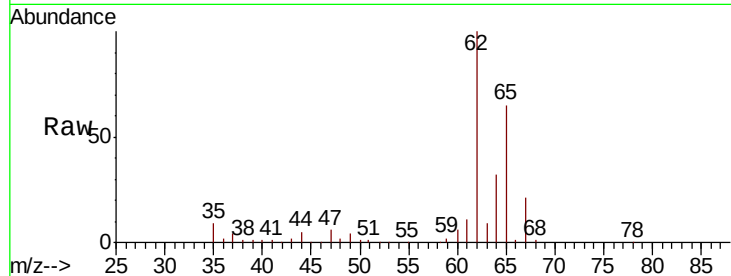
C0AJ8

Tot Ion: 62 Resp: 91930

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

100000

80000

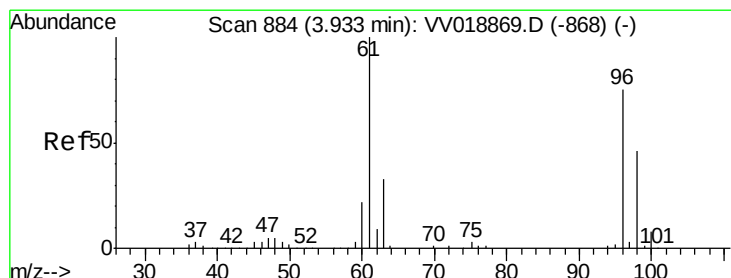
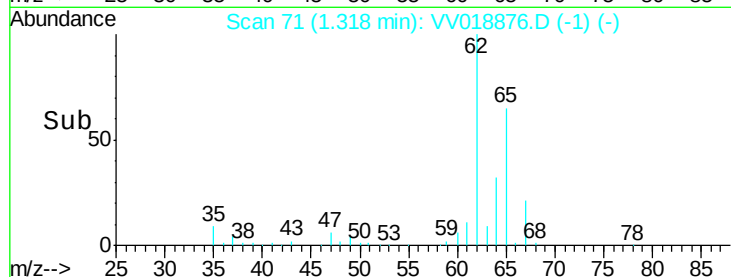
60000

40000

20000

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 23.647 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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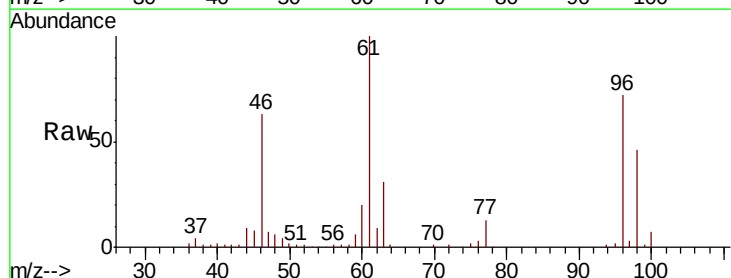
Tgt Ion: 96 Resp: 53799

Ion Ratio Lower Upper

96 100

61 139.9 97.3 180.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

40000

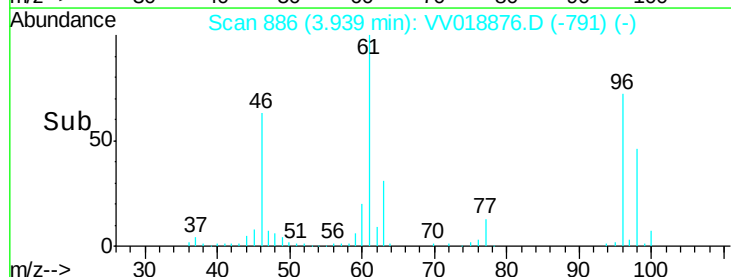
30000

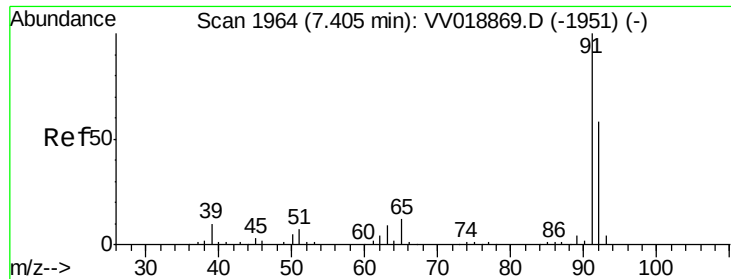
20000

10000

0

Time-->





#42

Toluene

Concen: 1.733 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

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ClientSampleId :

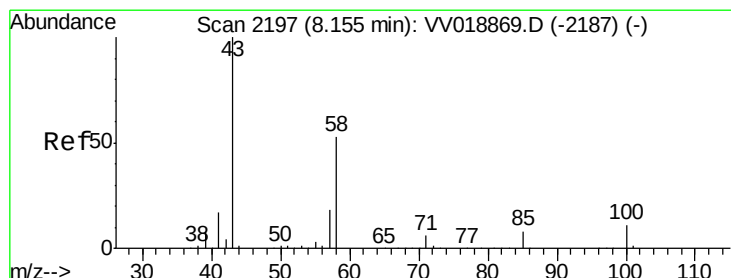
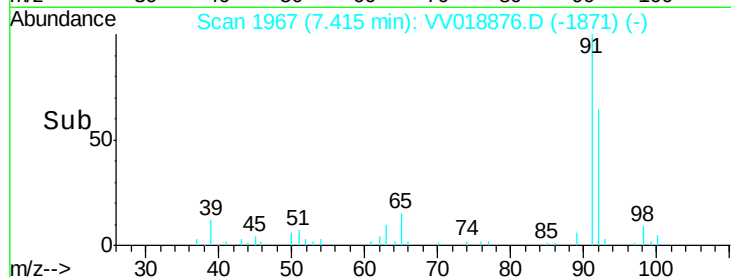
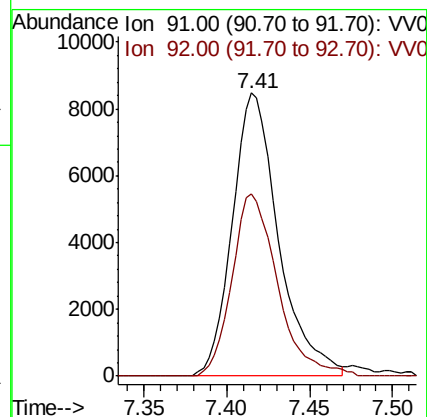
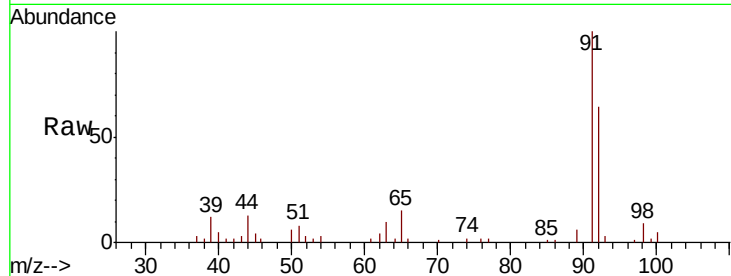
C0AJ8

Tot Ion: 91 Resp: 16495

Ion Ratio Lower Upper

91 100

92 64.5 39.8 74.0



#48

2-Hexanone

Concen: 5.713 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018876.D

Acq: 13 Oct 2020 14:31

Tgt Ion: 43 Resp: 14917

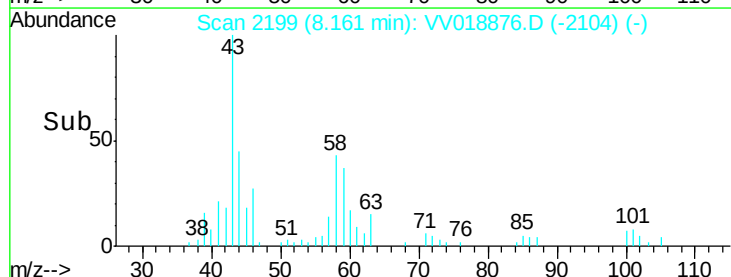
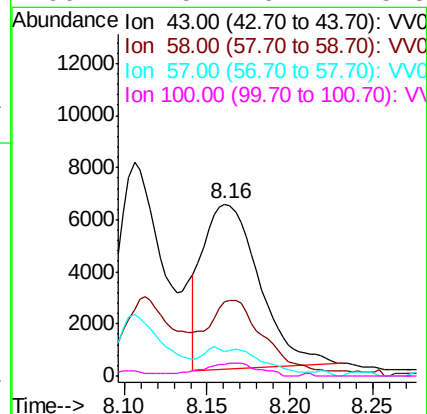
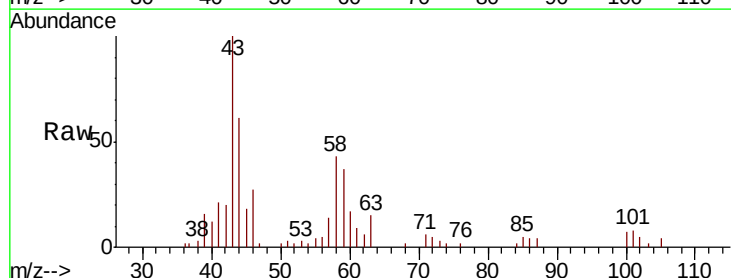
Ion Ratio Lower Upper

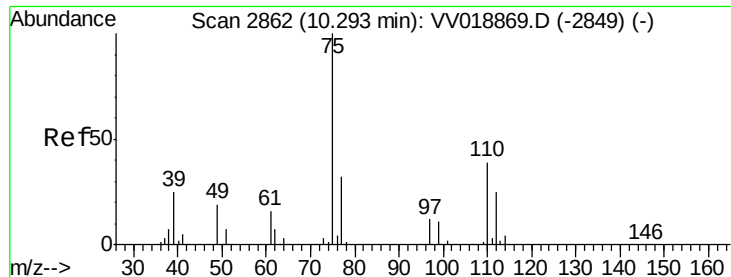
43 100

58 41.6 41.8 62.8#

57 2.3 14.9 22.3#

100 7.5 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.477 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018876.D

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Instrument :

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ClientSampleId :

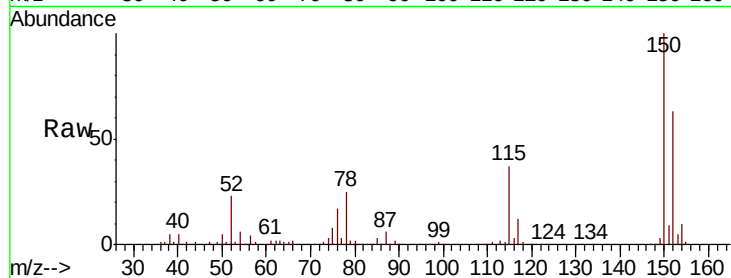
C0AJ8

Tot Ion: 75 Resp: 16587

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

