

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016389.D
 Acq On : 31 May 2020 15:50
 Operator : SY/MD
 Sample : L2826-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC2

Quant Time: Jun 01 08:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	70320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67706	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	29727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29263	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	23579	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	39762	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	70633	53.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.36%
24) Chloroform-d	4.38	84	51932	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	27760	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	101378	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.10	67	30937	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	86146	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.65	79	9715	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.12	63	49151	49.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21170	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	29901	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

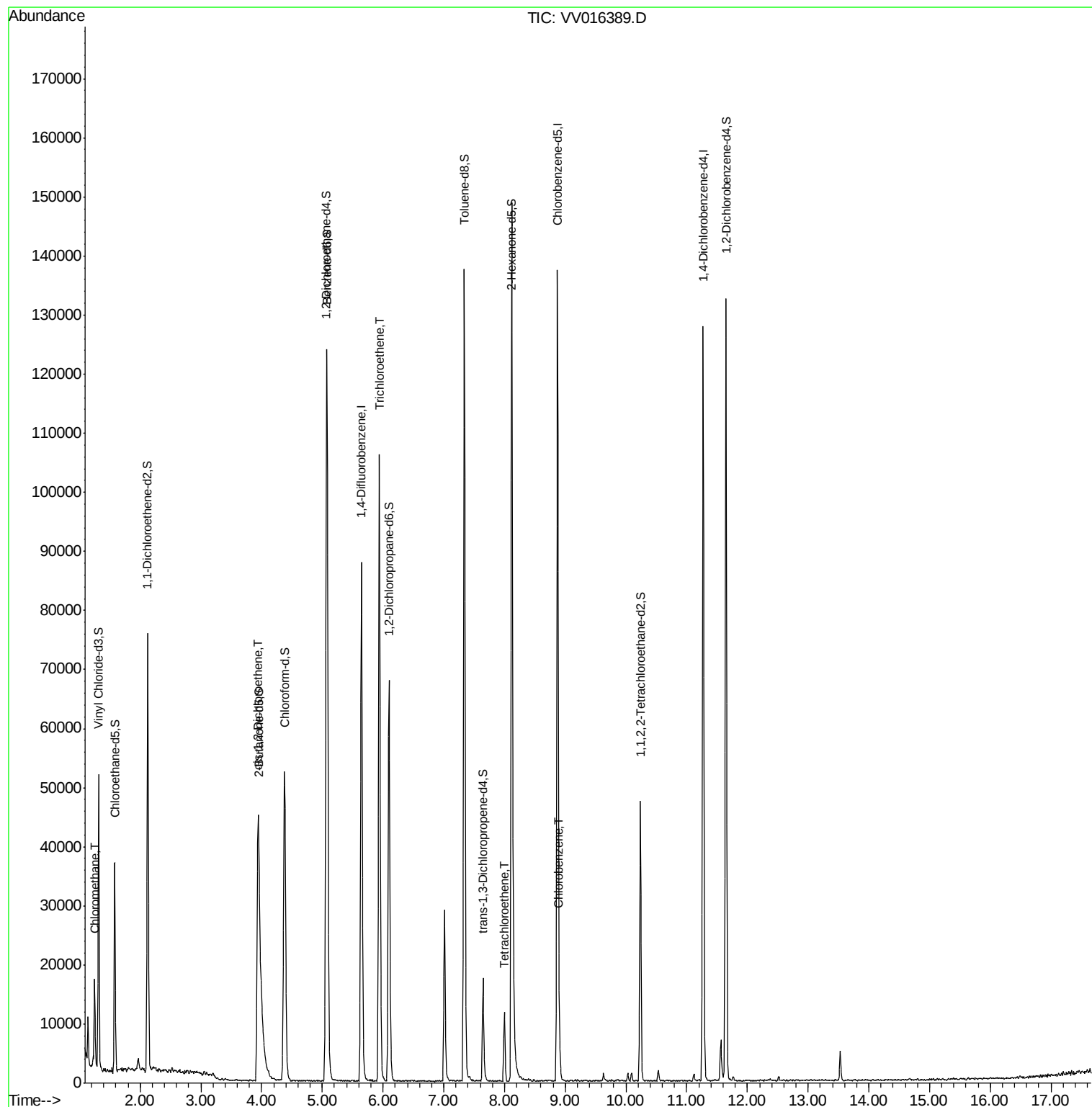
					Ovalue
3) Chloromethane	1.25	50	8985	1.280 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	14728	2.778 ug/L	99
34) Trichloroethene	5.94	95	35889	6.828 ug/L	95
49) Tetrachloroethene	8.00	164	2404	0.624 ug/L	93
53) Chlorobenzene	8.91	112	2784	0.208 ug/L	98

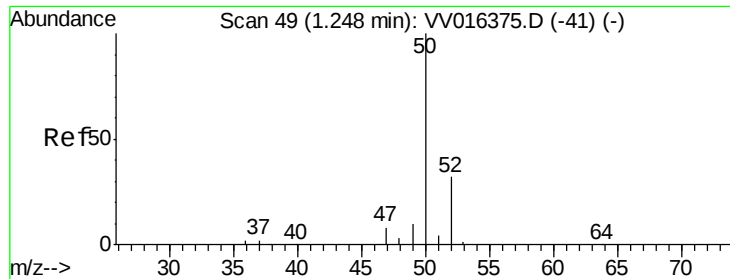
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.280 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016389.D

Acq: 31 May 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

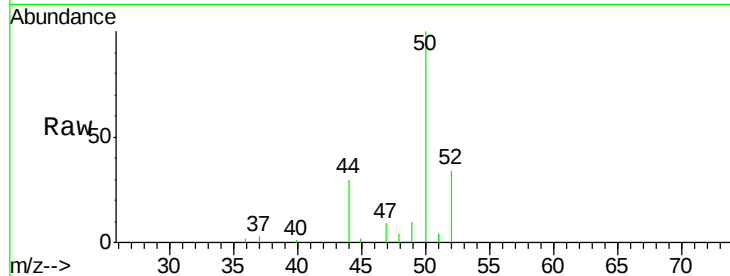
CWKC2

Tot Ion: 50 Resp: 8985

Ion Ratio Lower Upper

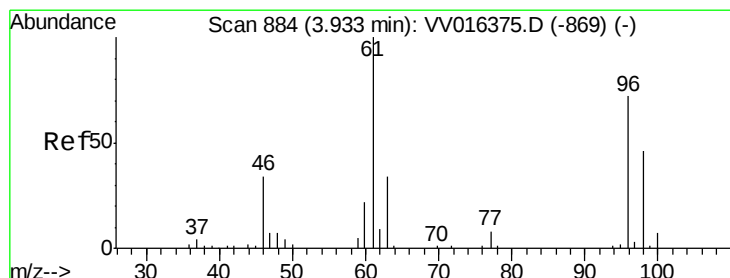
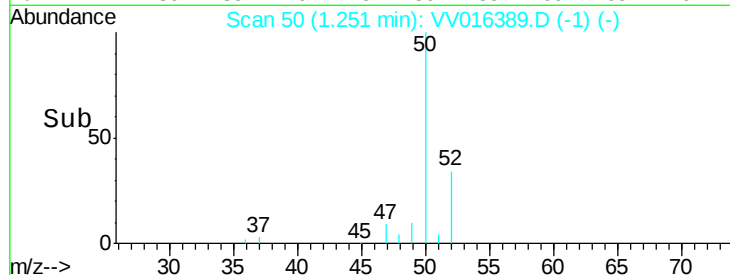
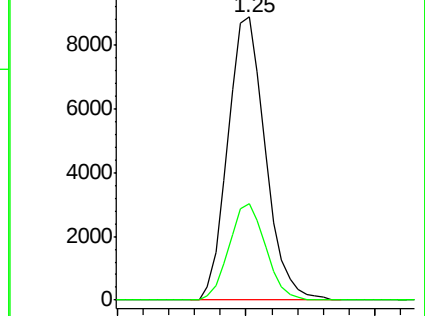
50 100

52 34.1 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.778 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016389.D

Acq: 31 May 2020 15:50

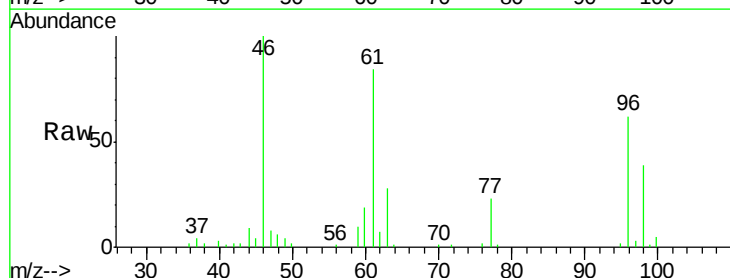
Tgt Ion: 96 Resp: 14728

Ion Ratio Lower Upper

96 100

61 136.1 94.8 176.0

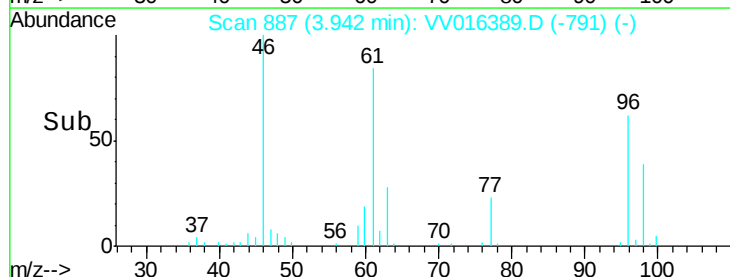
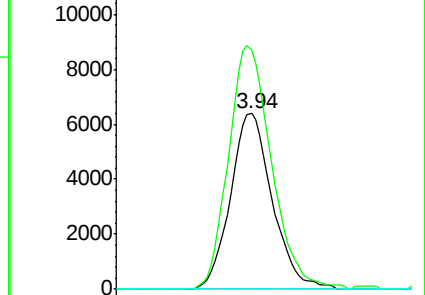
68 0.0 0.0 0.0

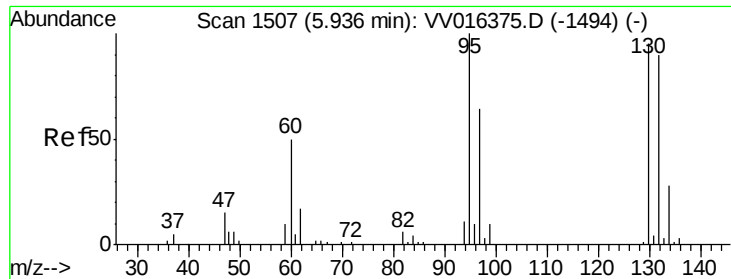


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

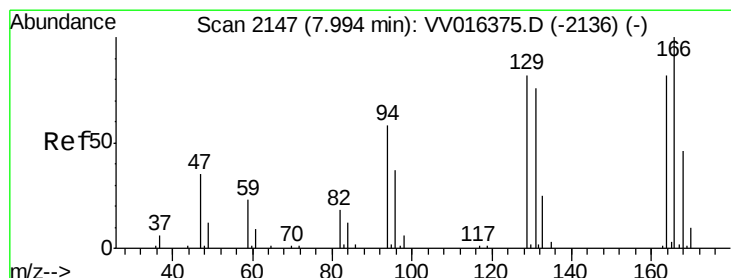
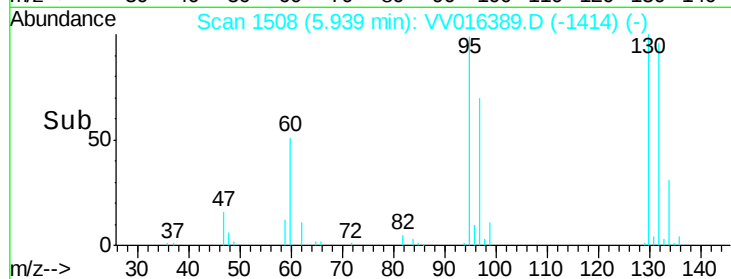
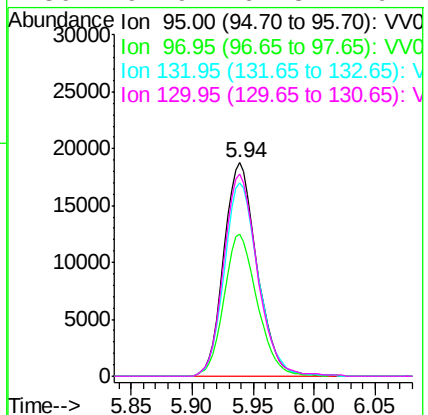
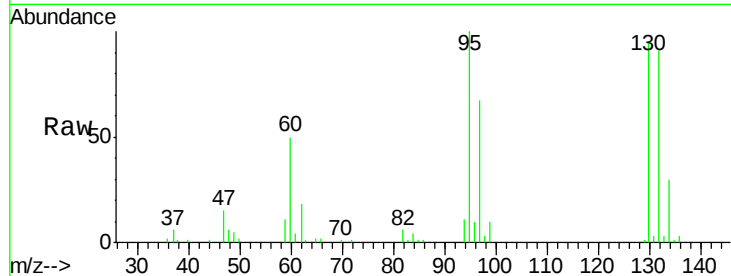




#34
 Trichloroethene
 Concen: 6.828 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016389.D
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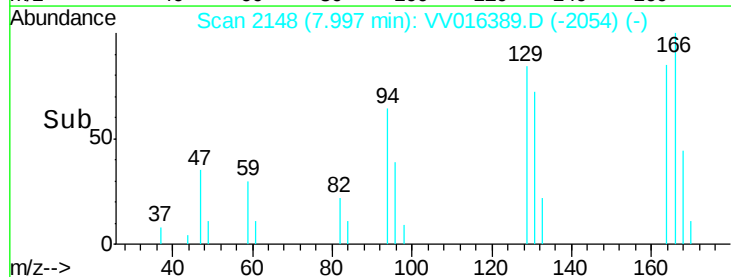
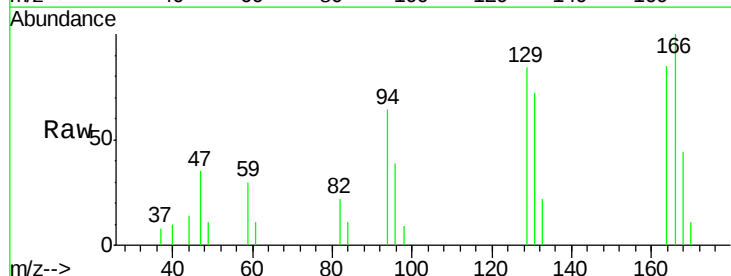
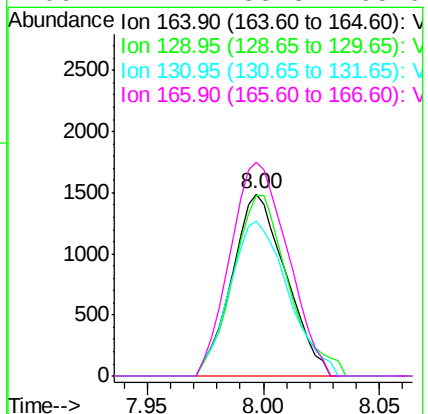
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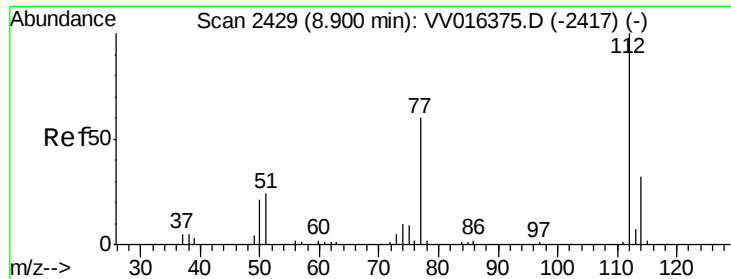
Tot Ion: 95 Resp: 35889
 Ion Ratio Lower Upper
 95 100
 97 66.6 42.6 79.0
 132 90.8 59.6 110.8
 130 94.9 64.8 120.4



#49
 Tetrachloroethene
 Concen: 0.624 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016389.D
 Acq: 31 May 2020 15:50

Tgt Ion: 164 Resp: 2404
 Ion Ratio Lower Upper
 164 100
 129 98.7 72.2 134.0
 131 84.8 65.8 122.2
 166 117.1 88.3 163.9





#53
 Chlorobenzene
 Concen: 0.208 ug/L
 RT: 8.91 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: VV016389.D
 Acq: 31 May 2020 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC2

Tot Ion:112 Resp: 2784
 Ion Ratio Lower Upper
 112 100
 114 31.1 22.6 42.0
 77 61.1 50.5 75.7

