

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015433.D
 Acq On : 09 Apr 2020 21:39
 Operator : SY/MD
 Sample : L2188-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS76

Quant Time: Apr 10 06:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53973	5.00	ug/L	0.00

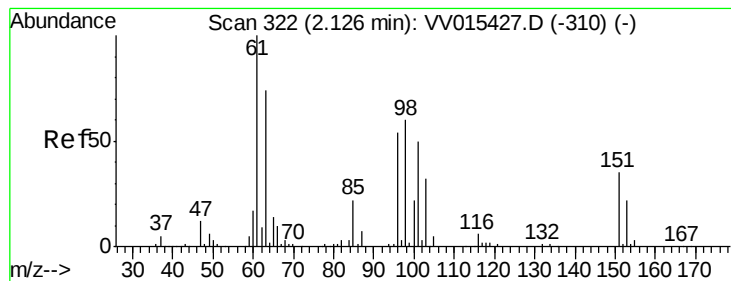
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28598	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.57	69	26629	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.12	63	41055	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.96	46	75618	44.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	4.38	84	62934	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	37047	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	123904	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	40192	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.34	98	113403	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.65	79	15688	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.12	63	81997	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29489	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	43374	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2054	0.268 ug/L	87
22) cis-1,2-Dichloroethene	3.94	96	6690	0.780 ug/L	98
25) Chloroform	4.41	83	5104	0.320 ug/L	94
34) Trichloroethene	5.94	95	14484	1.619 ug/L	98
47) Tetrachloroethene	8.00	164	3599	0.543 ug/L	90

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



#10

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

Concen: 0.268 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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ClientSampled :

BFS76

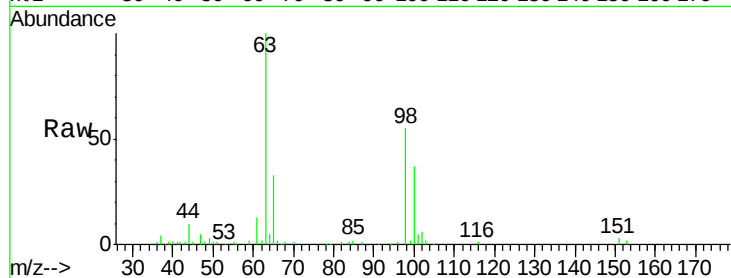
Tot Ion:101 Resp: 2054

Ion Ratio Lower Upper

101 100

85 38.0 36.3 54.5

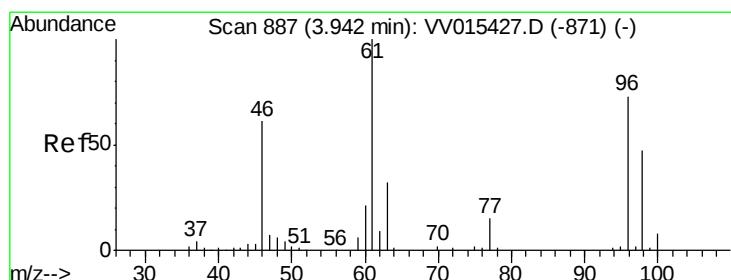
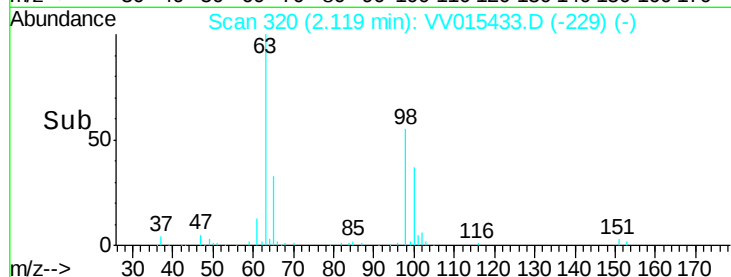
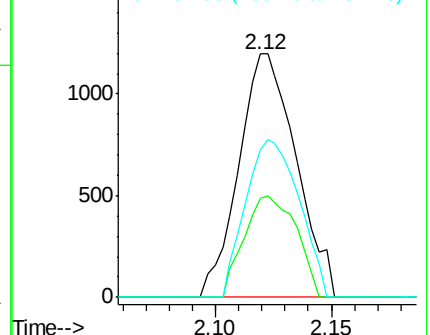
151 60.5 58.2 87.4



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



#22

cis-1,2-Dichloroethene

Concen: 0.780 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

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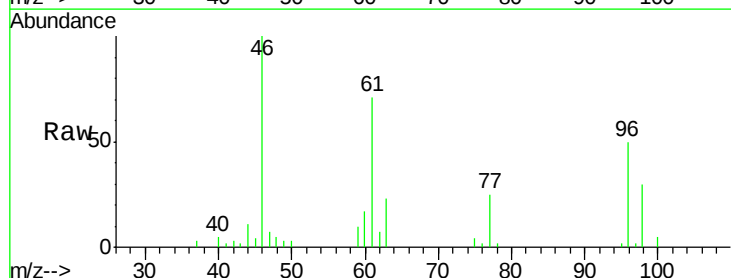
Tgt Ion: 96 Resp: 6690

Ion Ratio Lower Upper

96 100

61 140.7 100.0 185.8

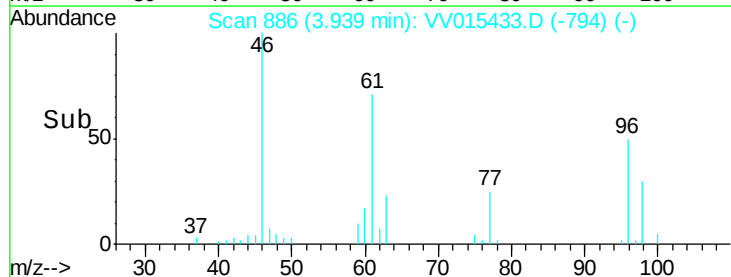
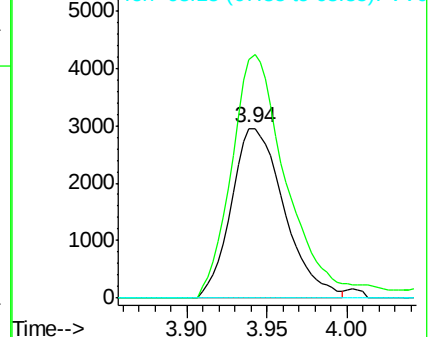
68 0.0 0.0 0.0

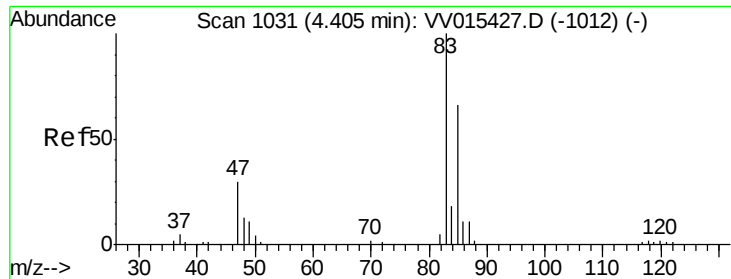


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

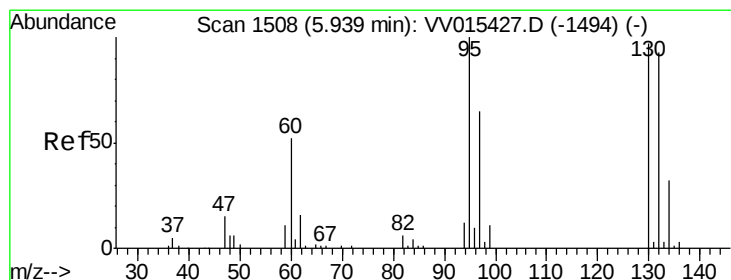
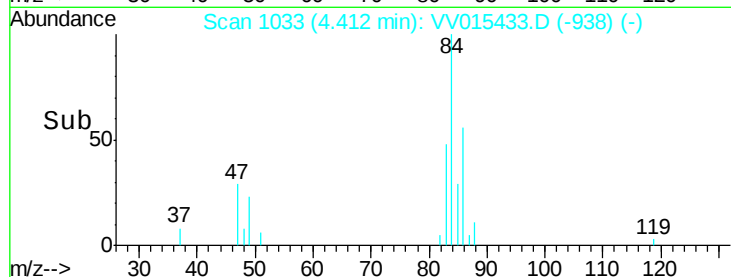
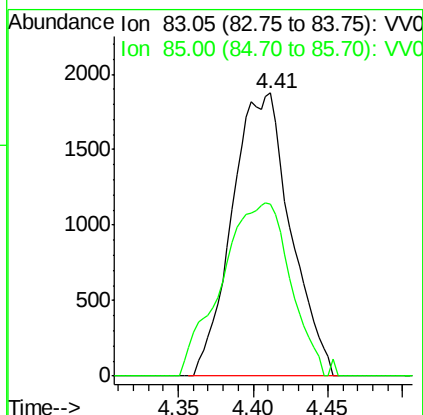
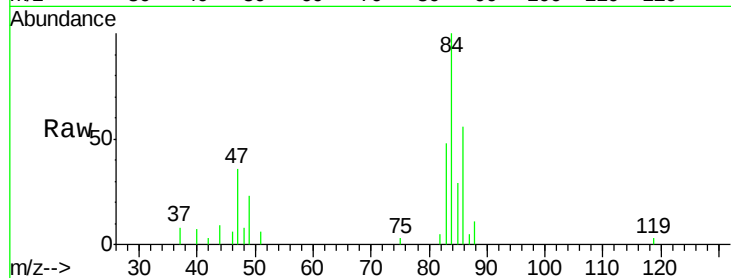




#25
Chloroform
Concen: 0.320 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
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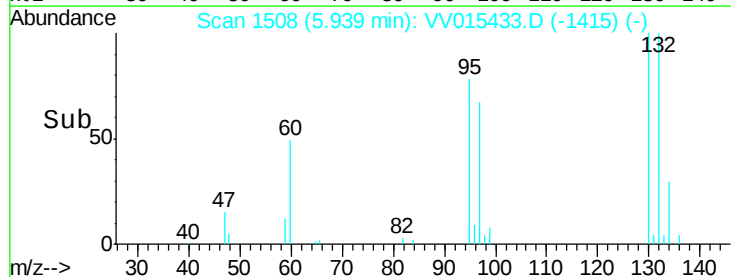
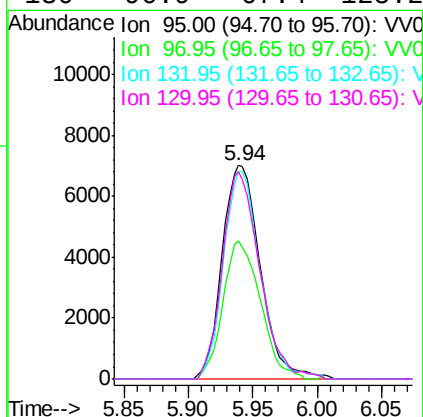
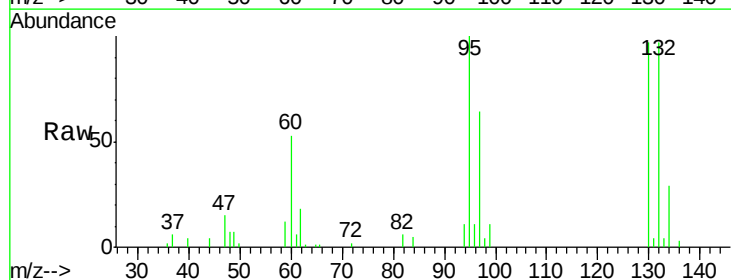
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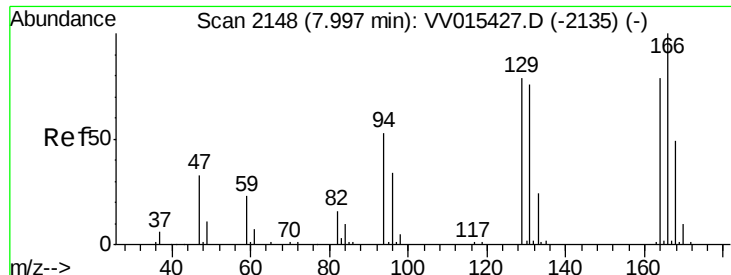
Tot Ion: 83 Resp: 5104
Ion Ratio Lower Upper
83 100
85 60.7 45.9 85.3



#34
Trichloroethene
Concen: 1.619 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015433.D
Acq: 09 Apr 2020 21:39

Tgt Ion: 95 Resp: 14484
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.4
132 96.8 64.8 120.4
130 96.9 67.4 125.2





#47

Tetrachloroethene

Concen: 0.543 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015433.D

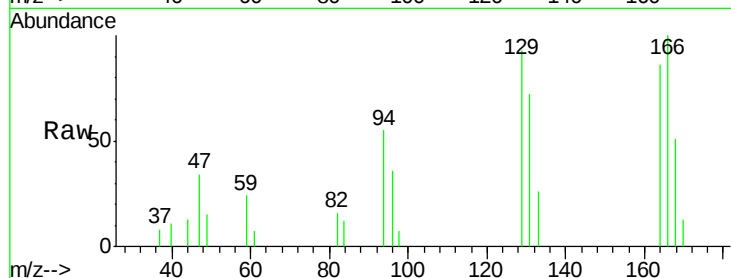
Acq: 09 Apr 2020 21:39

Instrument :

MSVOA_V

ClientSampleId :

BFS76



Tot Ion:164 Resp: 3599

Ion Ratio Lower Upper

164 100

129 107.6 70.6 131.0

131 83.4 68.3 126.8

166 116.3 88.3 163.9

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

