

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR022519\
 Data File : VR026375.D
 Acq On : 25 Feb 2019 15:10
 Operator : SY/MD
 Sample : K1585-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AP2

Quant Time: Feb 26 06:42:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 26 06:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	559259	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	467371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	150482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	169761	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	2.62	69	162005	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	3.60	63	345455	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	6.58	46	229504	57.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.94%
24) Chloroform-d	7.20	84	392382	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.89	65	164605	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	688229	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	8.89	67	195248	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	9.97	98	607223	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	10.23	79	47589	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	10.59	63	180845	60.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78179	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	126055	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

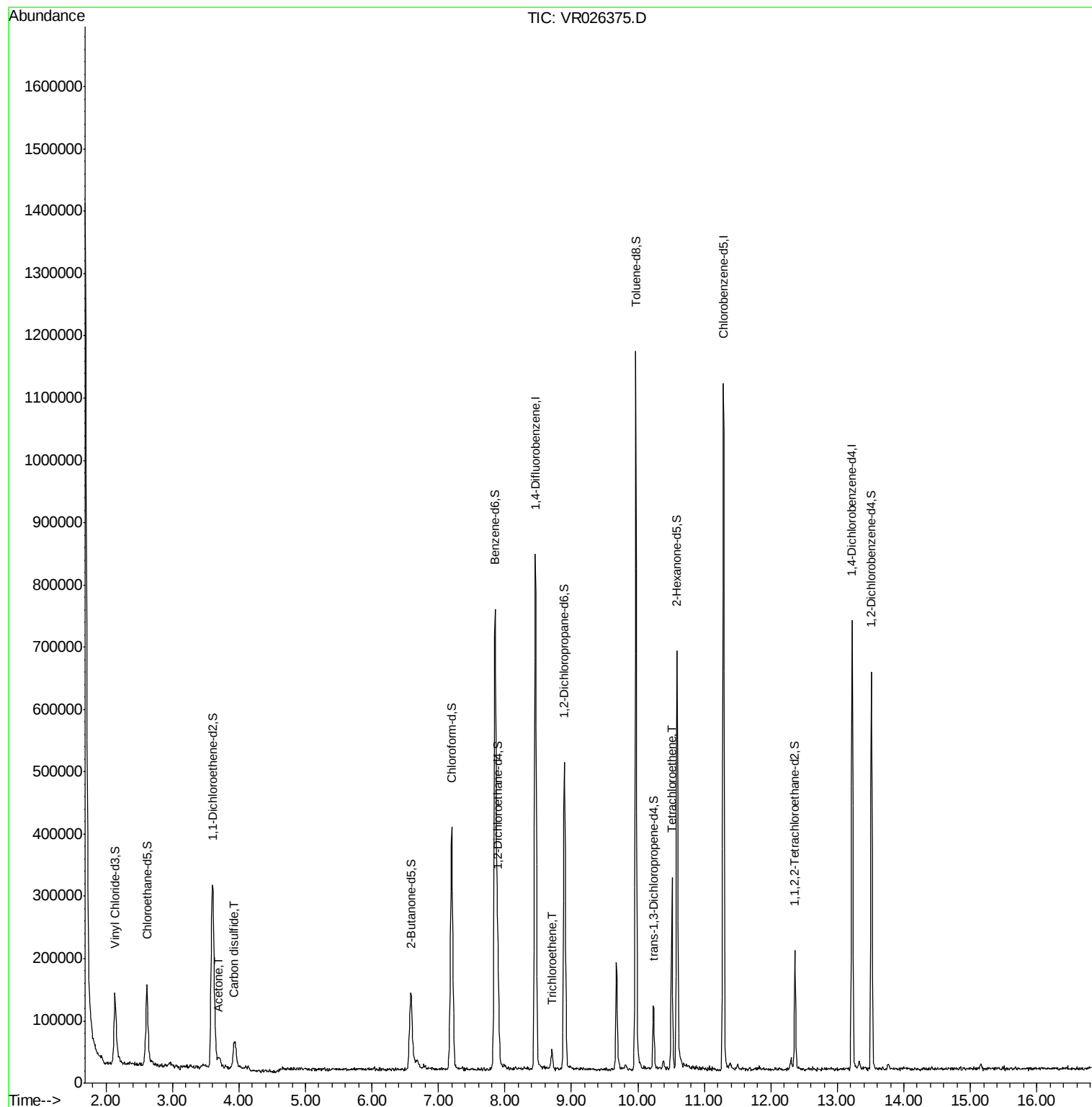
					Ovalue
13) Acetone	3.69	43	14237	3.963 ug/L	93
14) Carbon disulfide	3.92	76	41699	0.268 ug/L	98
34) Trichloroethene	8.71	95	8695	0.192 ug/L	91
47) Tetrachloroethene	10.51	164	54417	1.661 ug/L	98

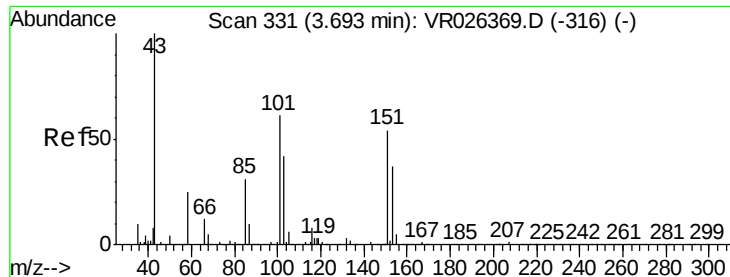
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.963 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

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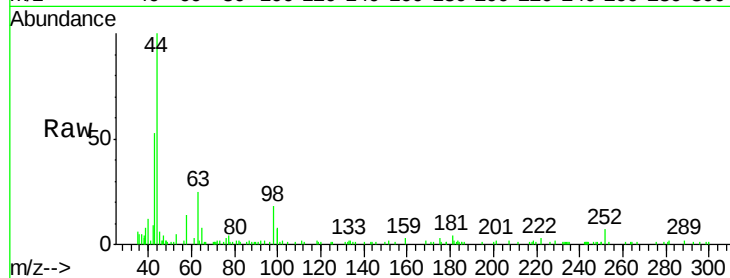
C0AP2

Tot Ion: 43 Resp: 14237

Ion Ratio Lower Upper

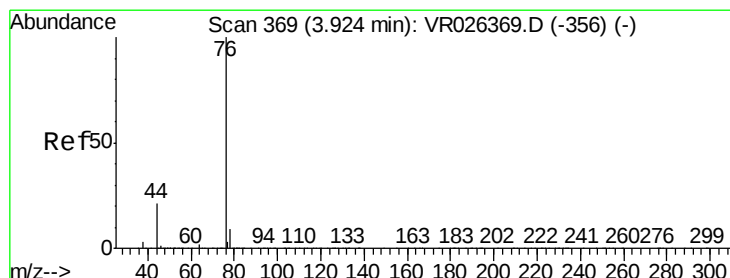
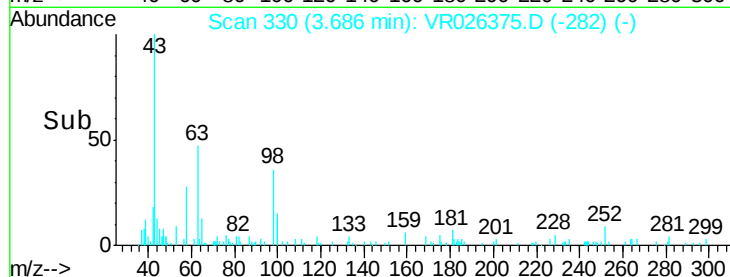
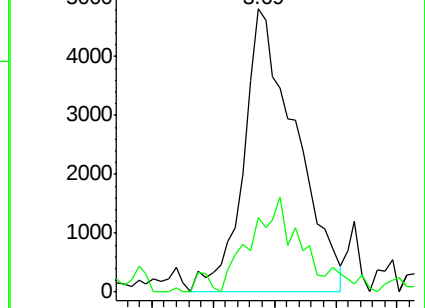
43 100

58 29.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 0.268 ug/L

RT: 3.92 min Scan# 369

Delta R.T. -0.00 min

Lab File: VR026375.D

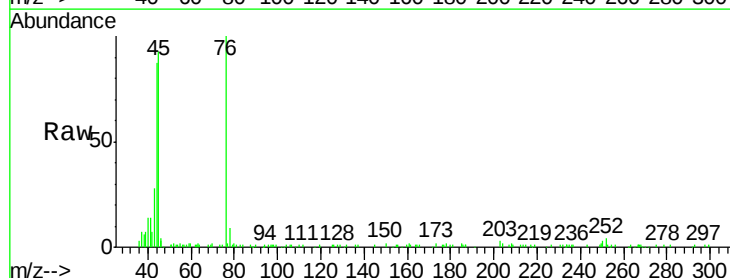
Acq: 25 Feb 2019 15:10

Tgt Ion: 76 Resp: 41699

Ion Ratio Lower Upper

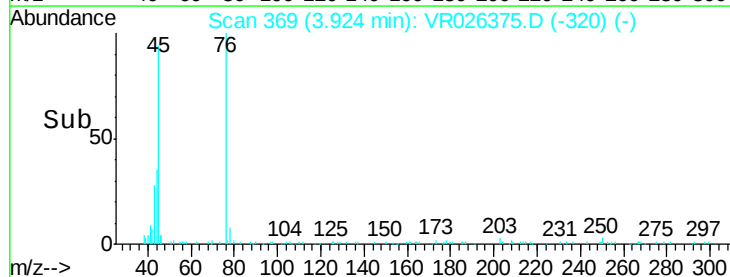
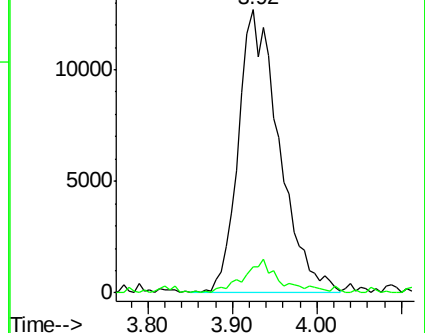
76 100

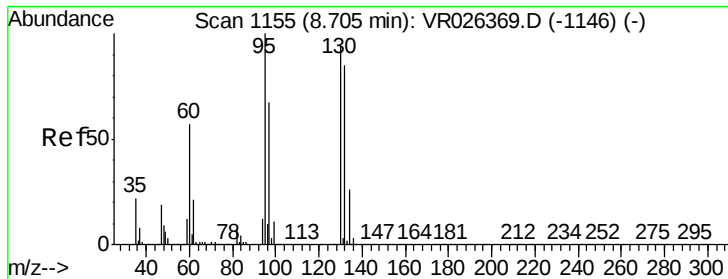
78 9.0 6.7 10.1



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0





#34

Trichloroethene

Concen: 0.192 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026375.D

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Instrument :

MSVOA_R

ClientSampleId :

C0AP2

Tot Ion: 95 Resp: 8695

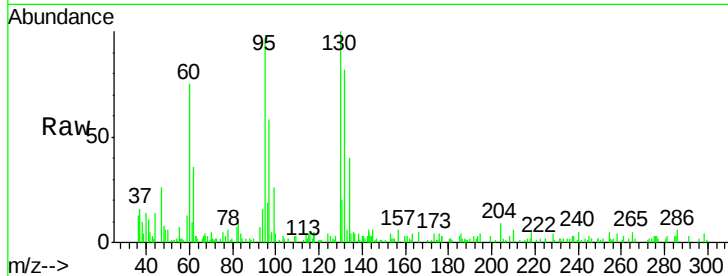
Ion Ratio Lower Upper

95 100

97 59.8 43.5 80.7

132 84.7 58.6 108.8

130 103.6 59.4 110.2

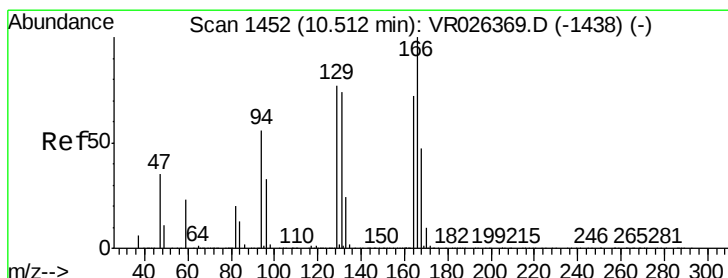
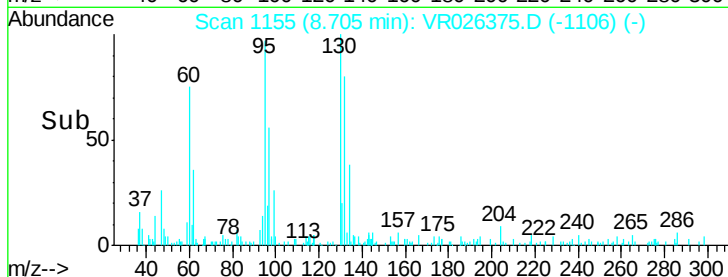
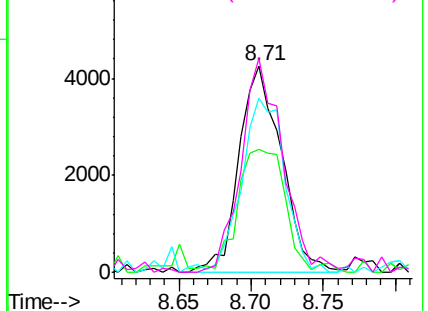


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.661 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026375.D

Acq: 25 Feb 2019 15:10

Tgt Ion: 164 Resp: 54417

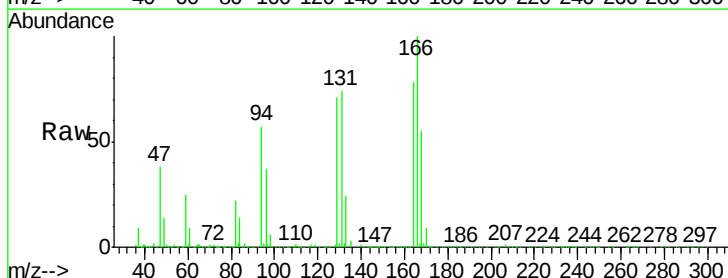
Ion Ratio Lower Upper

164 100

129 90.6 67.2 124.8

131 95.3 67.3 125.1

166 128.3 90.4 167.8



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

