

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 06:21:32 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

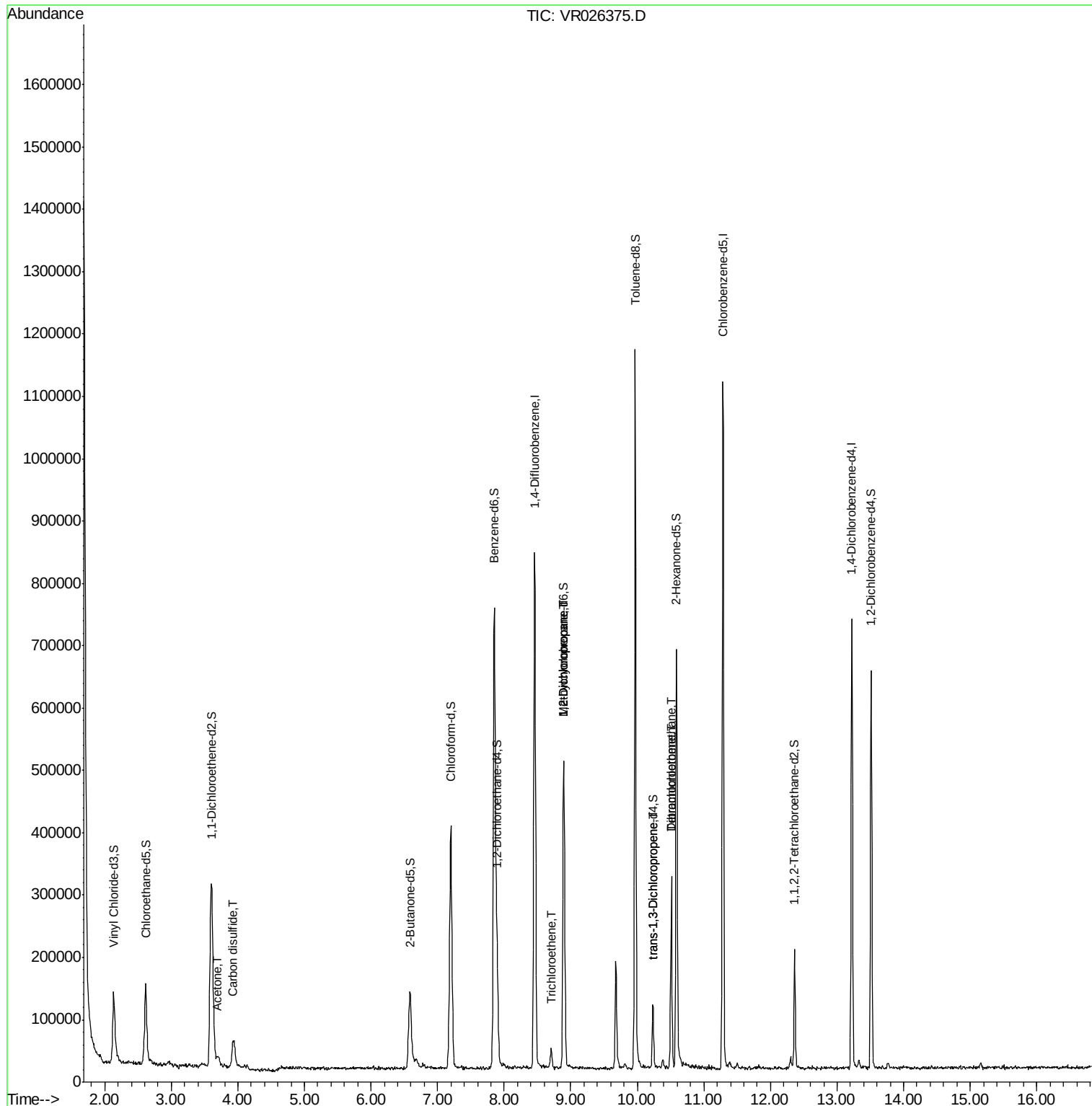
						Qvalue
13) Acetone	3.69	43	14237	3.963	ug/L	93
14) Carbon disulfide	3.92	76	41699	0.268	ug/L	98
34) Trichloroethene	8.71	95	8695	0.192	ug/L	91
35) Methylcyclohexane	8.90	83	50290	0.785	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	25311	0.664	ug/L #	93
44) trans-1,3-Dichloropropene	10.24	75	3180	0.105	ug/L	99
47) Tetrachloroethene	10.51	164	54417	1.661	ug/L	98
49) Dibromochloromethane	10.51	129	48950	2.499	ug/L #	12

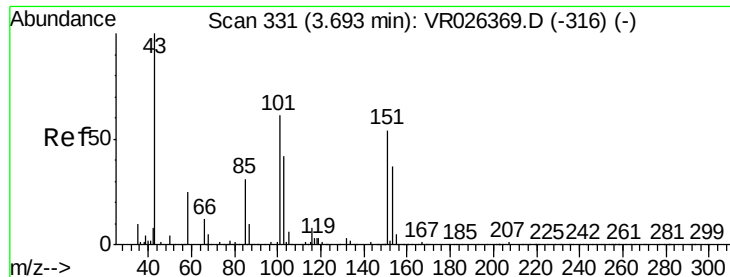
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_R

ClientSampleId :

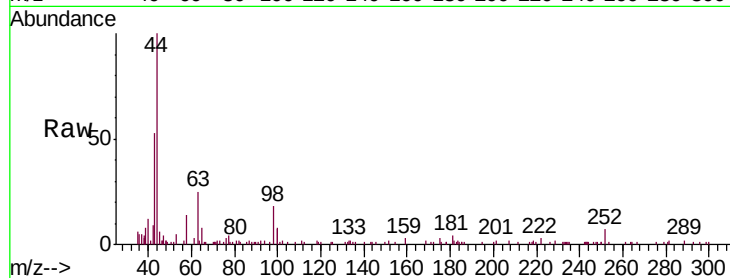
C0AP2

Tgt Ion: 43 Resp: 14237

Ion Ratio Lower Upper

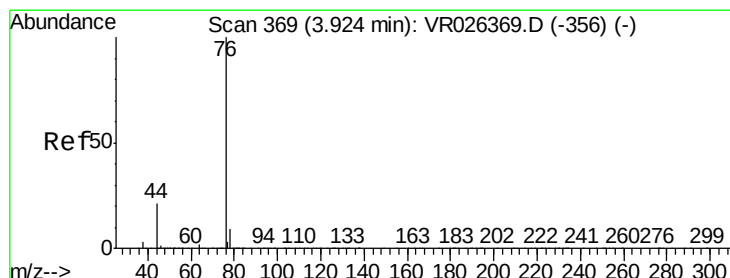
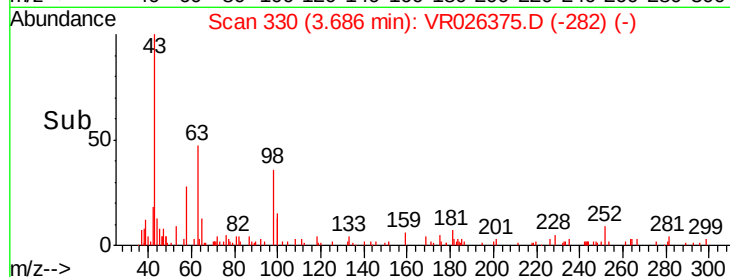
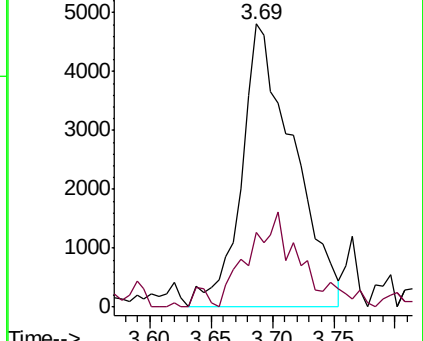
43 100

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

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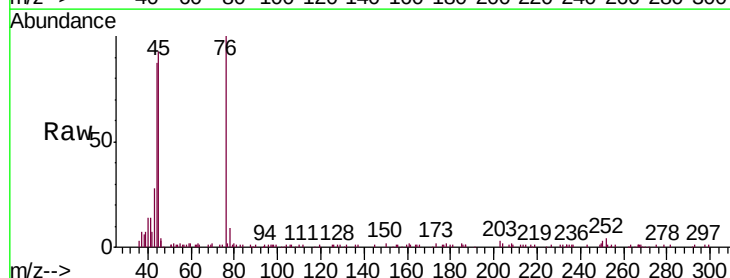
Acq: 25 Feb 2019 15:10

Tgt Ion: 76 Resp: 41699

Ion Ratio Lower Upper

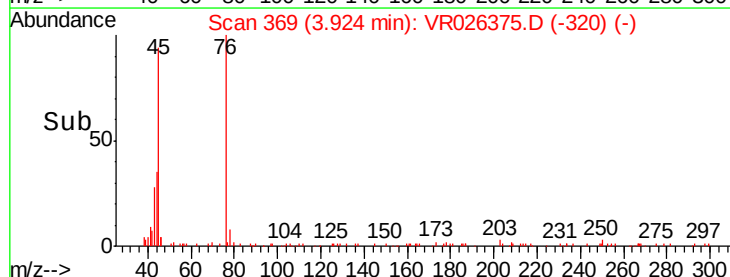
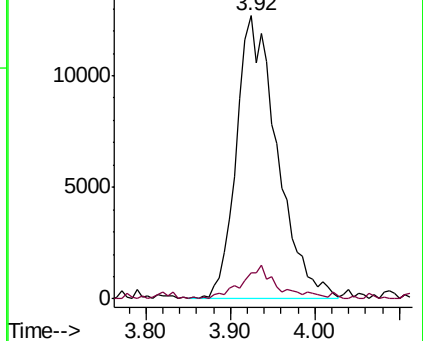
76 100

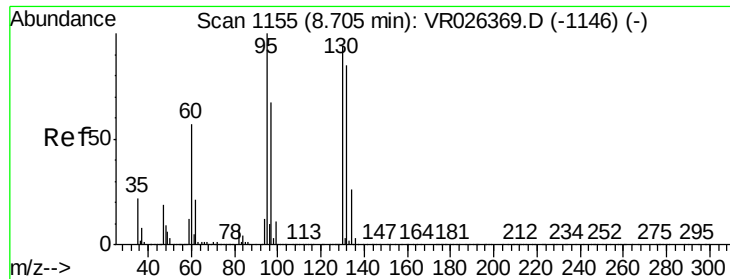
78 9.0 6.7 10.1



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

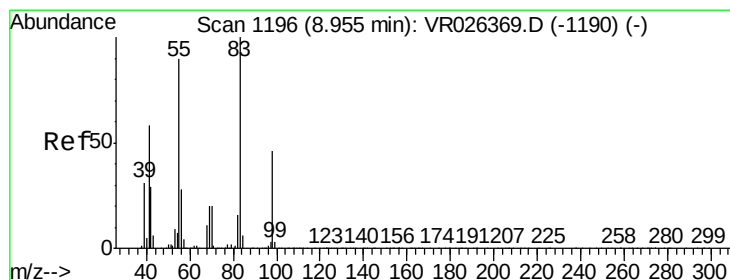
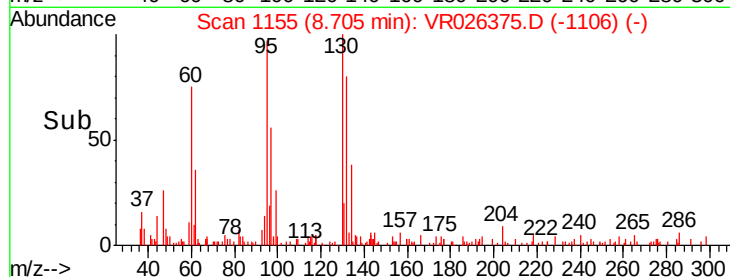
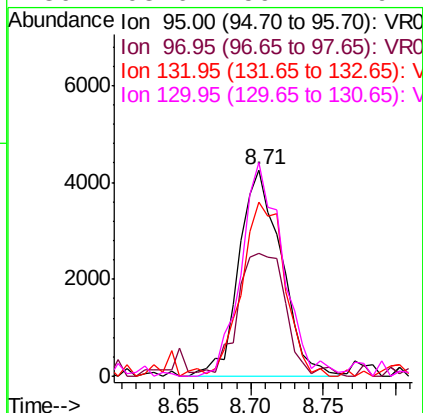
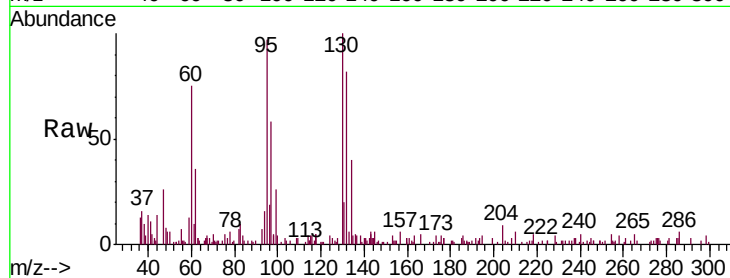




#34
 Trichloroethene
 Concen: 0.192 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: VR026375.D
 Acq: 25 Feb 2019 15:10

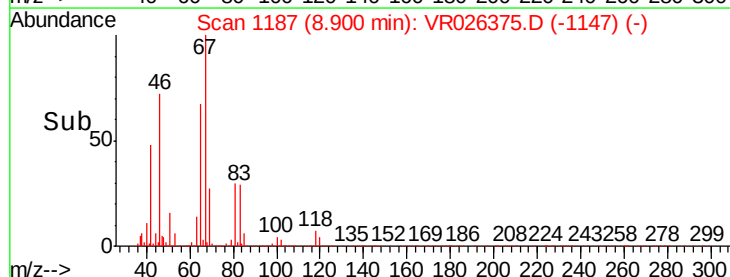
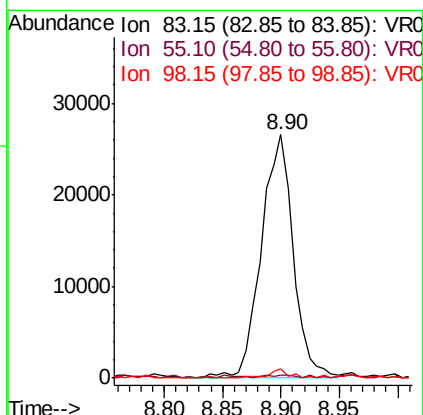
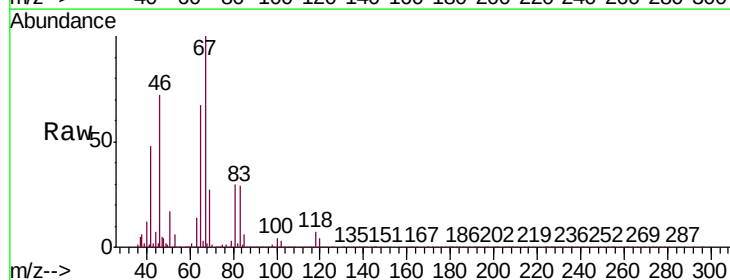
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 C0AP2

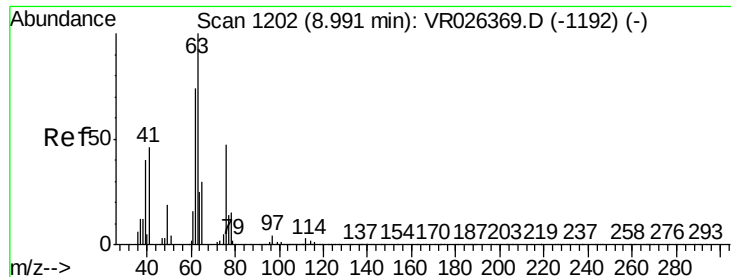
Tgt Ion:	95	Resp:	8695
Ion	Ratio	Lower	Upper
95	100		
97	59.8	43.5	80.7
132	84.7	58.6	108.8
130	103.6	59.4	110.2



#35
 Methylcyclohexane
 Concen: 0.785 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026375.D
 Acq: 25 Feb 2019 15:10

Tgt Ion:	83	Resp:	50290
Ion	Ratio	Lower	Upper
83	100		
55	1.0	72.2	108.2#
98	2.5	35.0	52.4#

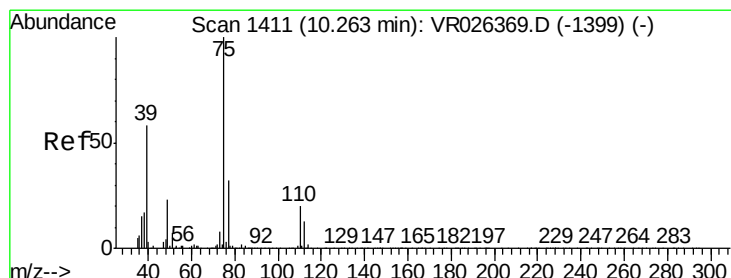
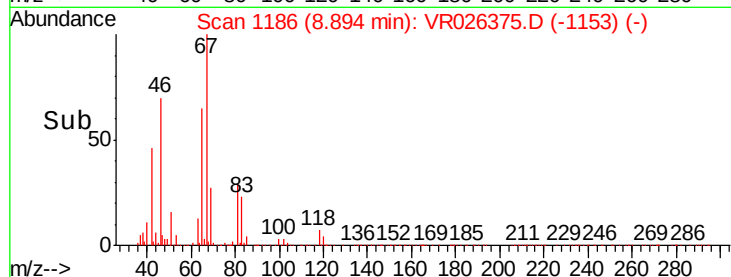
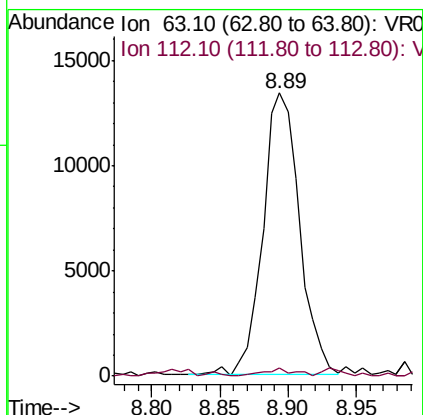
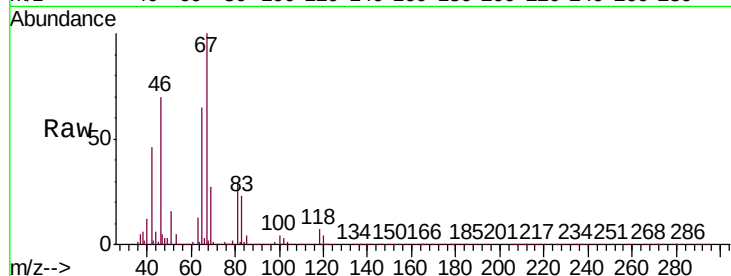




#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026375.D
 Acq: 25 Feb 2019 15:10

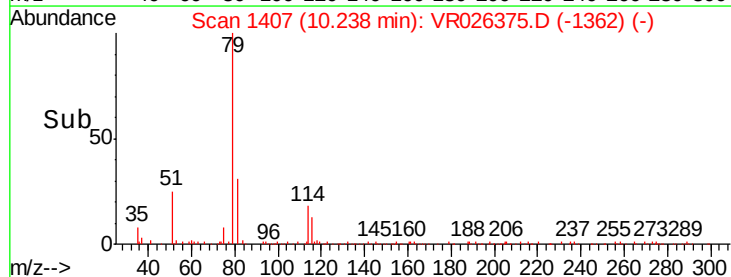
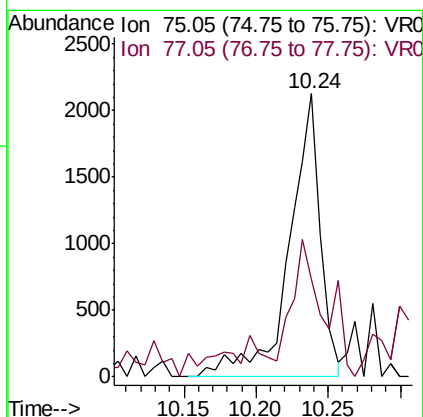
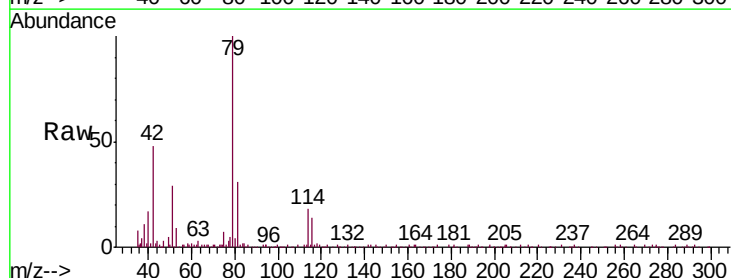
Instrument :
 MSVOA_R
 ClientSampleId :
 C0AP2

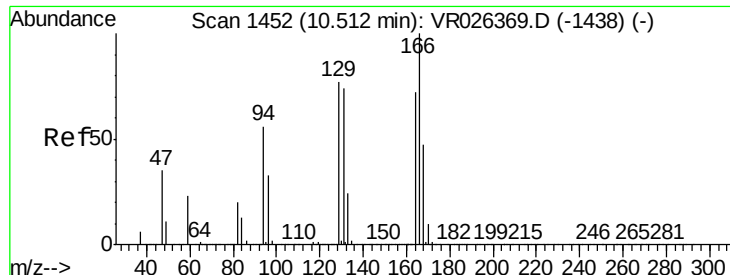
Tgt Ion: 63 Resp: 25311
 Ion Ratio Lower Upper
 63 100
 112 2.2 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026375.D
 Acq: 25 Feb 2019 15:10

Tgt Ion: 75 Resp: 3180
 Ion Ratio Lower Upper
 75 100
 77 34.6 23.9 44.3





#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

Instrument :

MSVOA_R

ClientSampleId :

C0AP2

Tgt Ion:164 Resp: 54417

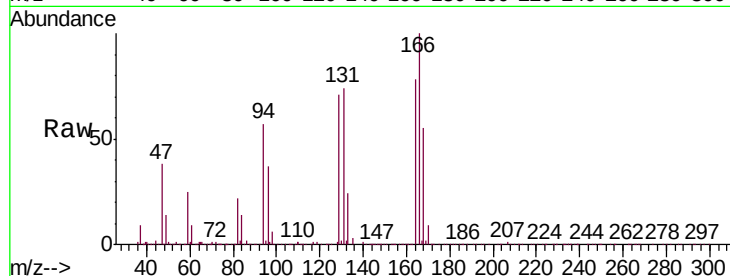
Ion Ratio Lower Upper

164 100

129 90.6 67.2 124.8

131 95.3 67.3 125.1

166 128.3 90.4 167.8

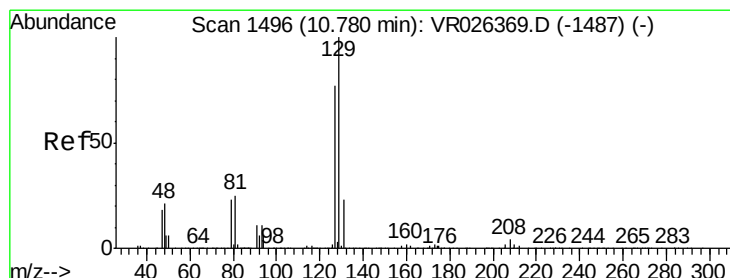
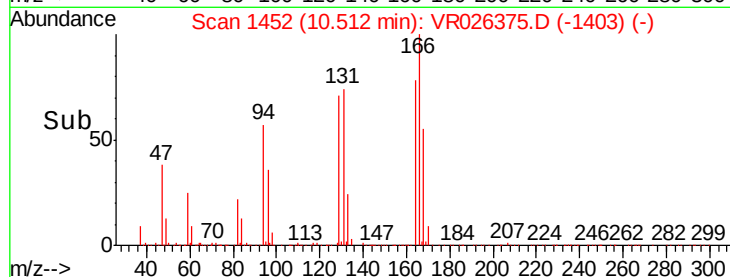
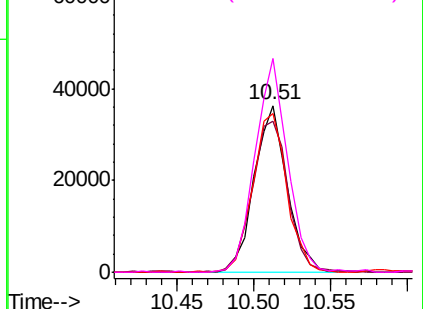


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 2.499 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.27 min

Lab File: VR026375.D

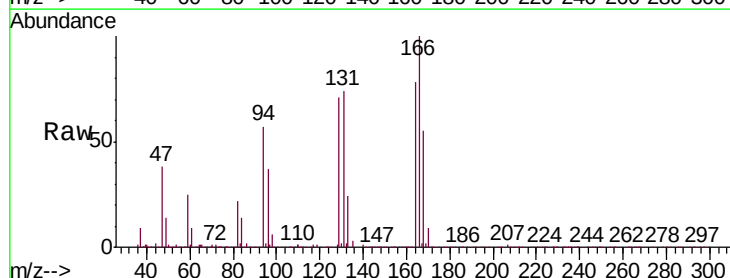
Acq: 25 Feb 2019 15:10

Tgt Ion:129 Resp: 48950

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

