

Data File : VR026028.D
Acq On : 10 Oct 2018 14:15
Operator : SY/MD
Sample : J5380-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T17

Quant Time: Oct 11 04:15:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	451647	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	384386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	128207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	149171	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	2.63	69	143289	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.61	63	268418	3.21	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.59	46	189860	47.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	7.20	84	257587	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.90	65	116573	4.37	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	7.85	84	480857	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
36) 1,2-Dichloropropane-d6	8.90	67	140926	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	9.97	98	423431	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	10.24	79	30223	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	140148	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56717	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	91803	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

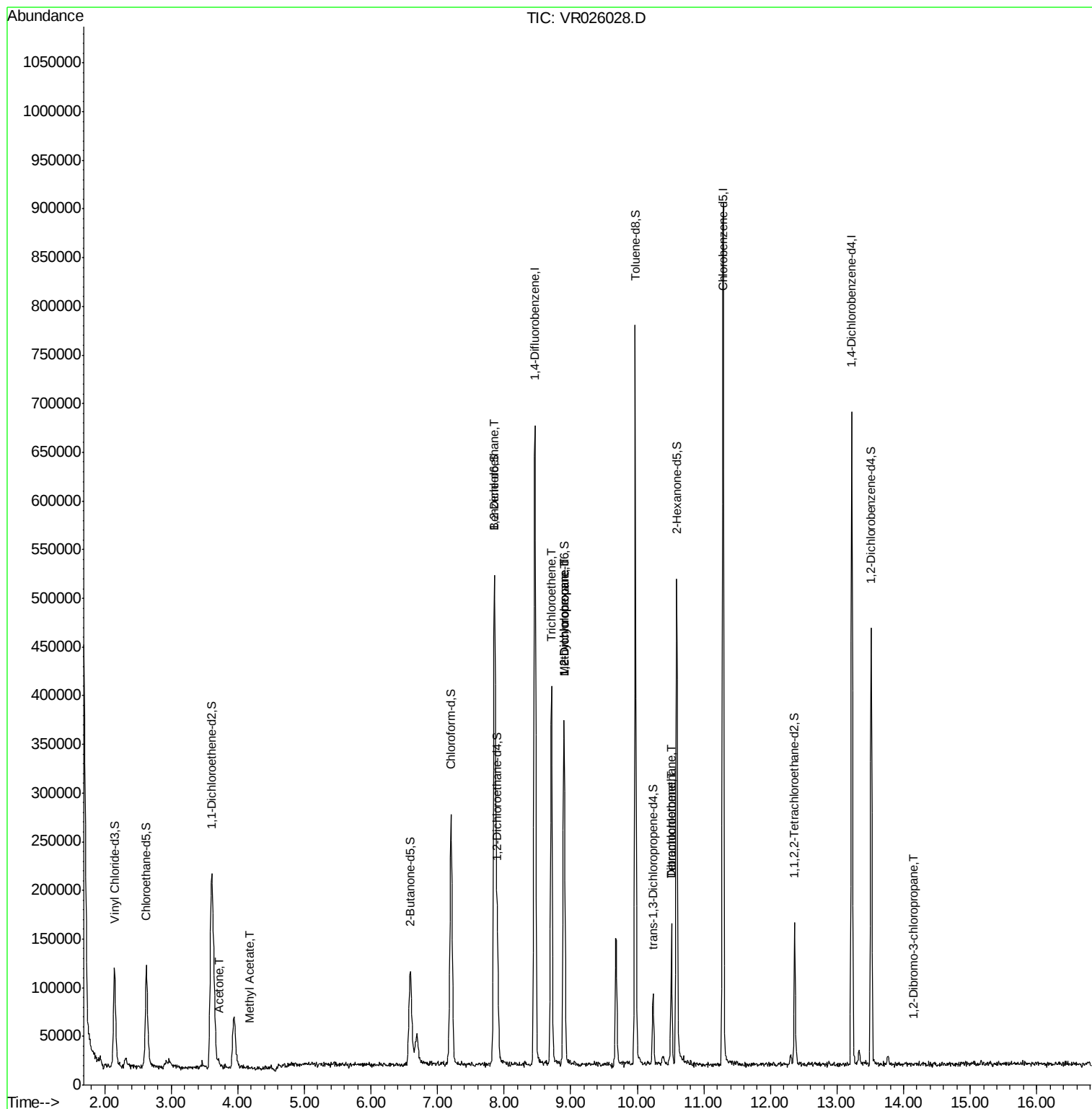
					Qvalue
13) Acetone	3.70	43	6234	2.166	ug/L 65
15) Methyl Acetate	4.17	43	744	0.093	ug/L 94
27) 1,2-Dichloroethane	7.86	62	4352	0.160	ug/L 97
34) Trichloroethene	8.71	95	115524	3.401	ug/L 89
35) Methylcyclohexane	8.90	83	33467	0.655	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	18445	0.667	ug/L # 93
47) Tetrachloroethene	10.51	164	22723	1.086	ug/L 93
49) Dibromochloromethane	10.51	129	20489	1.614	ug/L # 12
66) 1,2-Dibromo-3-chloropropan	14.14	75	220	0.174	ug/L # 50

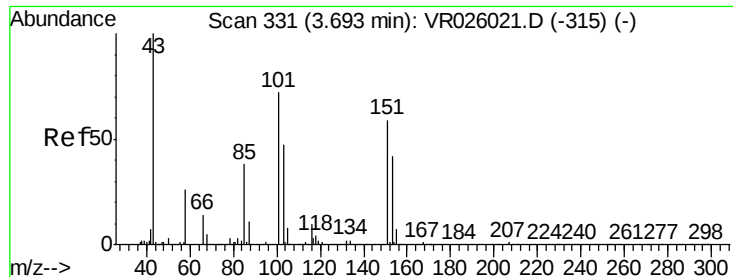
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.166 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026028.D

Acq: 10 Oct 2018 14:15

Instrument :

MSVOA_R

ClientSampleId :

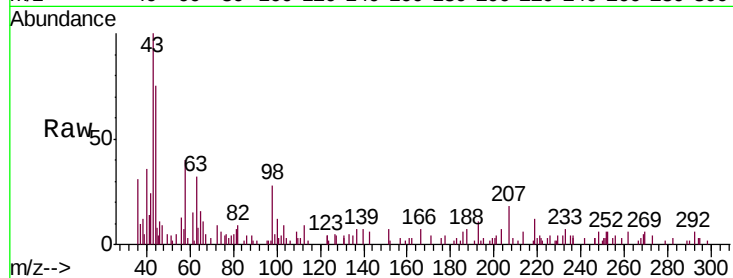
C0T17

Tgt Ion: 43 Resp: 6234

Ion Ratio Lower Upper

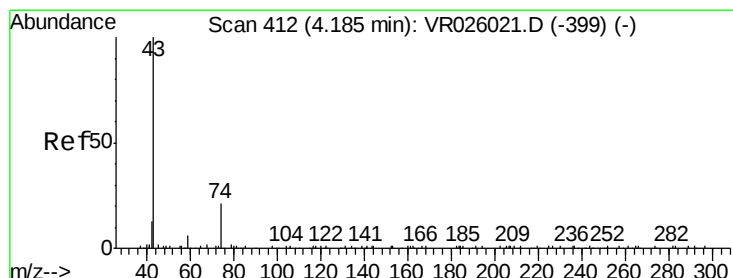
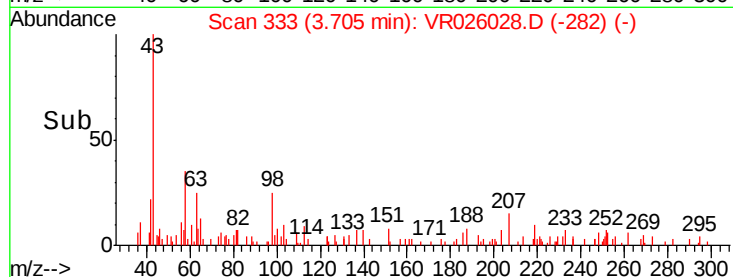
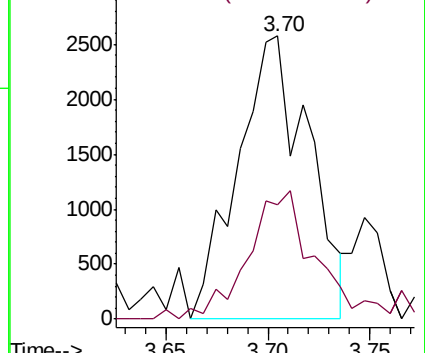
43 100

58 43.3 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.093 ug/L

RT: 4.17 min Scan# 410

Delta R.T. -0.01 min

Lab File: VR026028.D

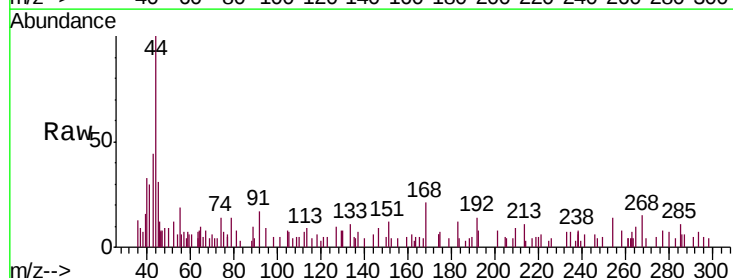
Acq: 10 Oct 2018 14:15

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

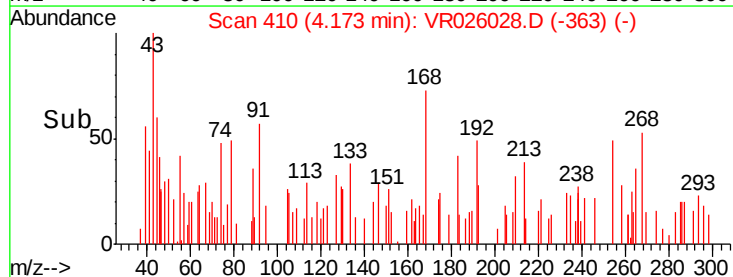
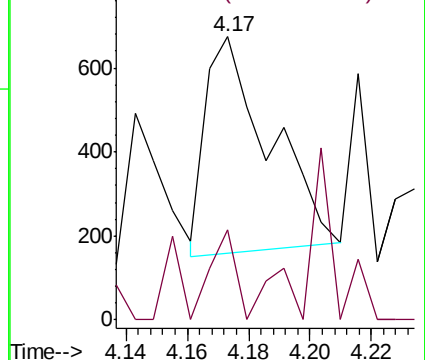
43 100

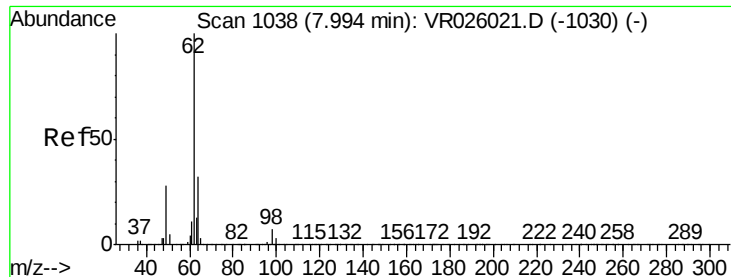
74 21.0 19.0 28.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

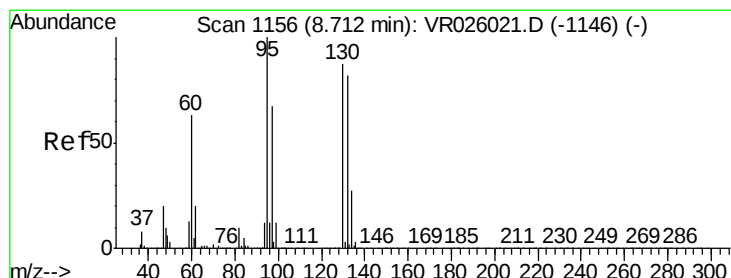
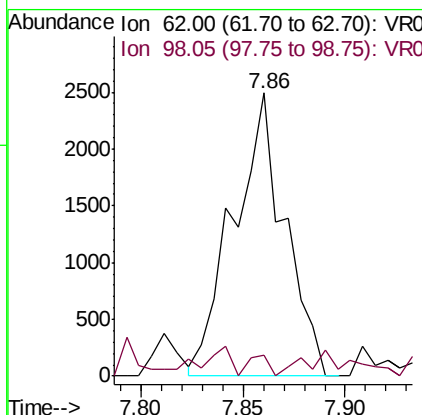
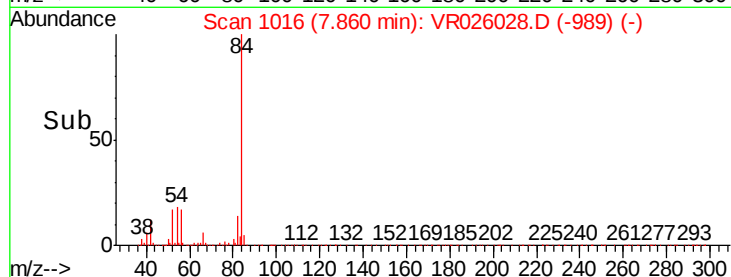
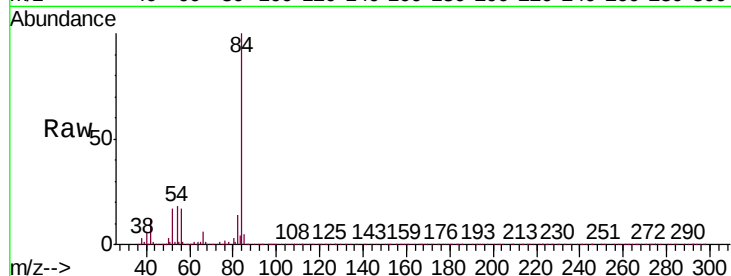




#27
1,2-Dichloroethane
Concen: 0.160 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026028.D
Acq: 10 Oct 2018 14:15

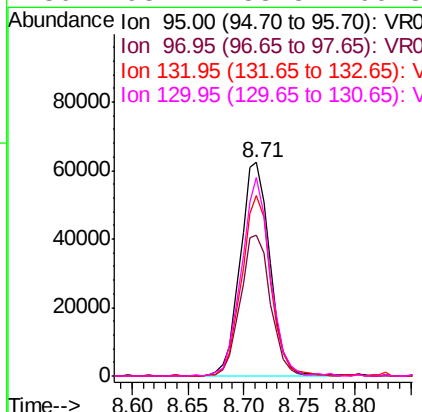
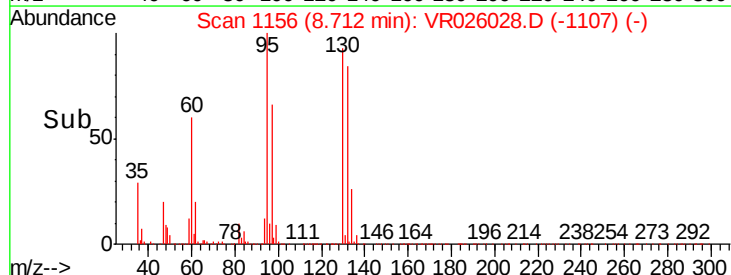
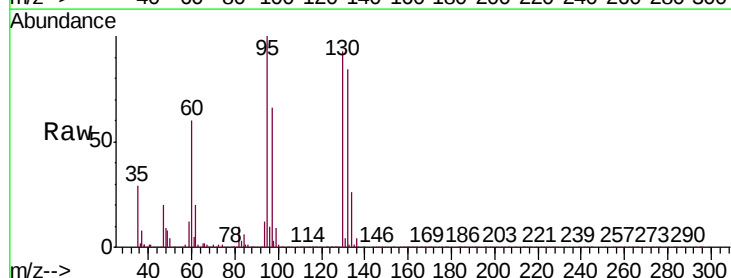
Instrument :
MSVOA_R
ClientSampled :
COT17

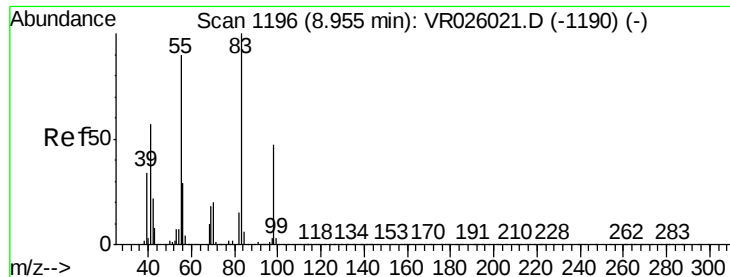
Tgt Ion: 62 Resp: 4352
Ion Ratio Lower Upper
62 100
98 7.4 5.2 7.8



#34
Trichloroethene
Concen: 3.401 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026028.D
Acq: 10 Oct 2018 14:15

Tgt Ion: 95 Resp: 115524
Ion Ratio Lower Upper
95 100
97 65.9 43.9 81.5
132 84.2 53.3 98.9
130 93.1 53.8 99.8

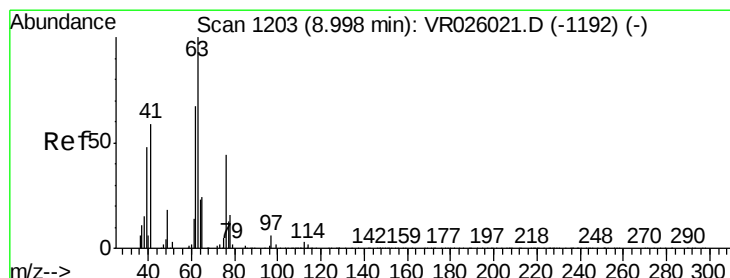
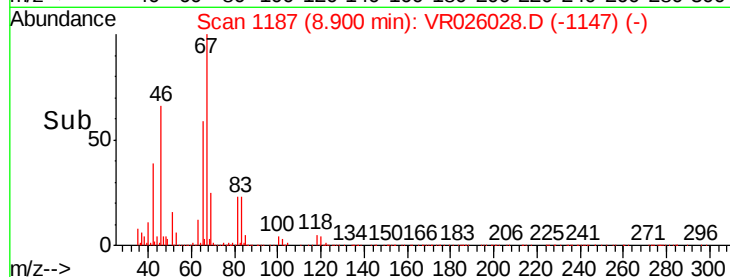
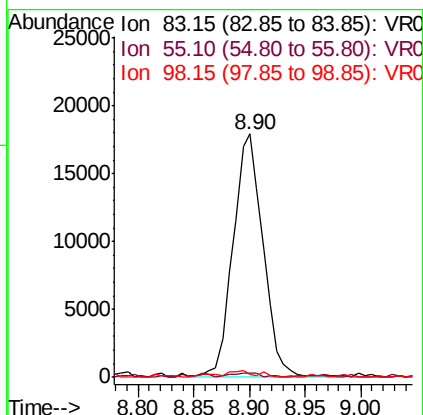
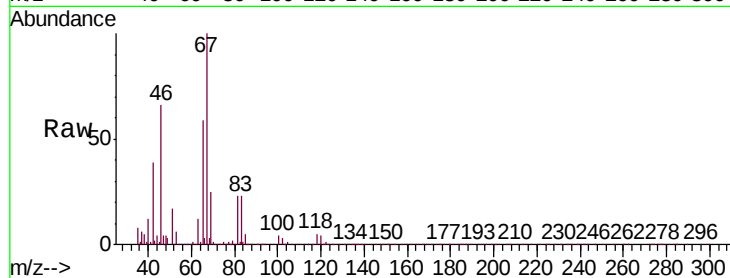




#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026028.D
Acq: 10 Oct 2018 14:15

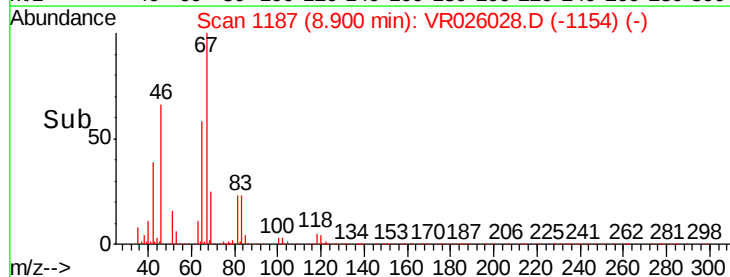
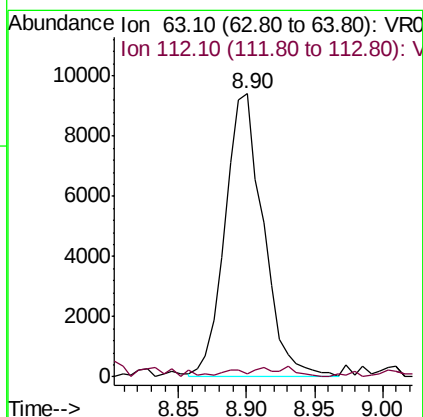
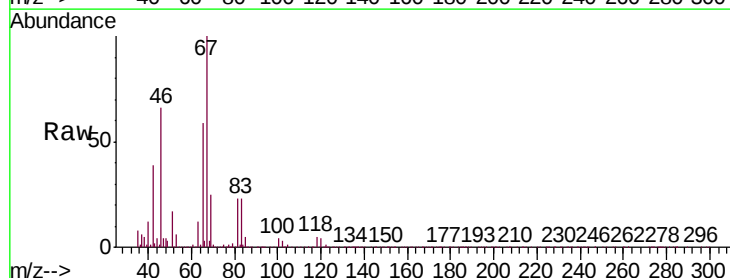
Instrument :
MSVOA_R
ClientSampleId :
C0T17

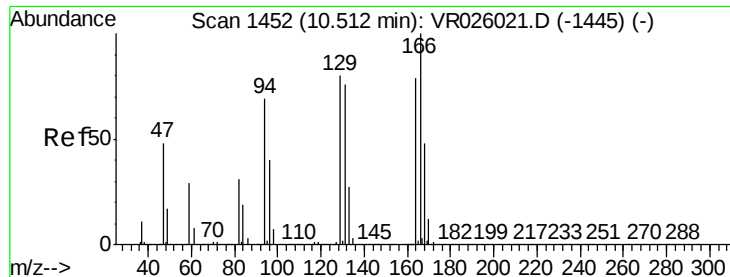
Tgt Ion: 83 Resp: 33467
Ion Ratio Lower Upper
83 100
55 2.0 71.8 107.6#
98 0.7 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026028.D
Acq: 10 Oct 2018 14:15

Tgt Ion: 63 Resp: 18445
Ion Ratio Lower Upper
63 100
112 0.8 2.5 3.7#





#47

Tetrachloroethene

Concen: 1.086 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026028.D

Acq: 10 Oct 2018 14:15

Instrument :

MSVOA_R

ClientSampled :

COT17

Tgt Ion:164 Resp: 22723

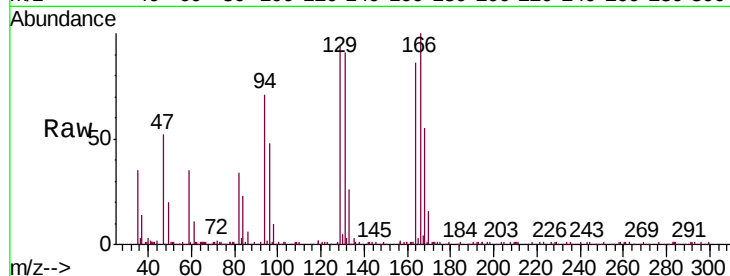
Ion Ratio Lower Upper

164 100

129 109.6 80.8 150.2

131 106.4 74.5 138.3

166 116.7 92.5 171.7

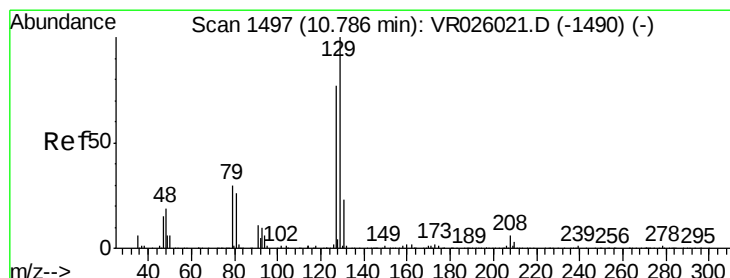
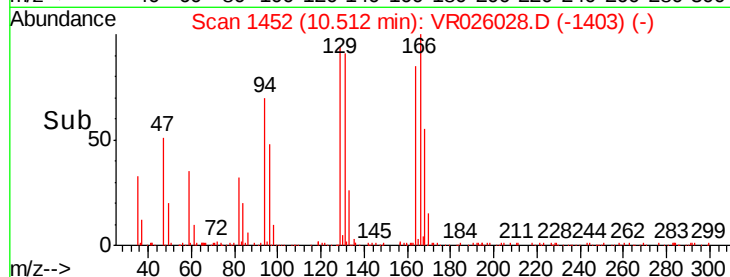
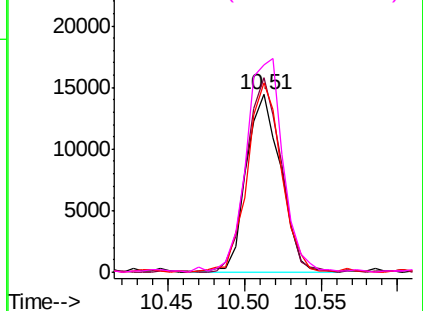


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.614 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.27 min

Lab File: VR026028.D

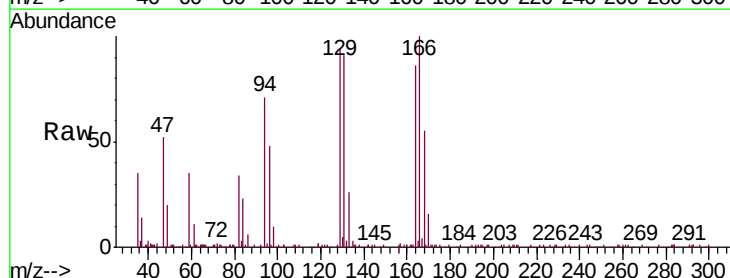
Acq: 10 Oct 2018 14:15

Tgt Ion:129 Resp: 20489

Ion Ratio Lower Upper

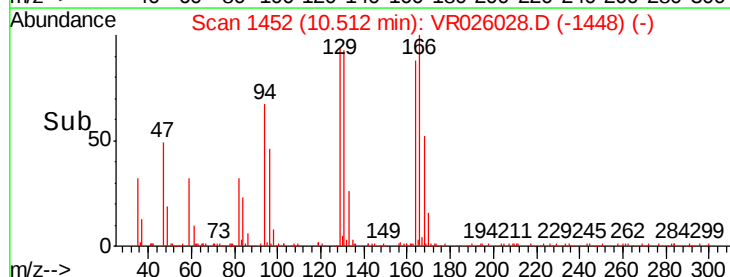
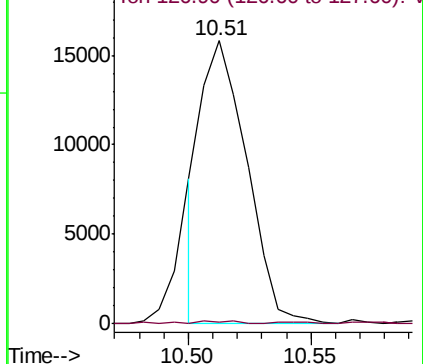
129 100

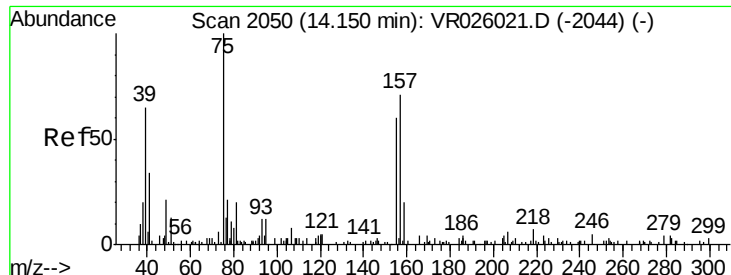
127 0.8 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.174 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: VR026028.D
 Acq: 10 Oct 2018 14:15

Instrument :
 MSVOA_R
 ClientSampleId :
 C0T17

Tgt Ion: 75 Resp: 220
 Ion Ratio Lower Upper
 75 100
 155 81.9 37.8 56.6#
 157 24.1 49.7 74.5#

