

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026240.D
 Acq On : 20 Nov 2018 22:09
 Operator : SY/MD
 Sample : J6026-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0FH2

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:40:10 PM

Quant Time: Nov 21 10:22:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 03:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	544818	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	458385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	200955	4.84	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	2.63	69	186640	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	3.61	63	384906	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	6.59	46	175341	45.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	7.20	84	358024	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.90	65	142308	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.85	84	704545	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	8.90	67	180939	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.97	98	625736	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	10.24	79	44022	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	10.59	63	124815	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71710	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	127184	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	2.18	62	159660	3.314	ug/L	93
17) Methyl tert-butyl Ether	4.90	73	549789	11.630	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	711845	16.949	ug/L	94
19) 1,1-Dichloroethane	5.69	63	105125	1.395	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	2798471	73.939	ug/L	99
33) Benzene	7.90	78	47765m	0.285	ug/L	
34) Trichloroethene	8.71	95	3097721	69.828	ug/L	93
47) Tetrachloroethene	10.51	164	43704	1.341	ug/L	95

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

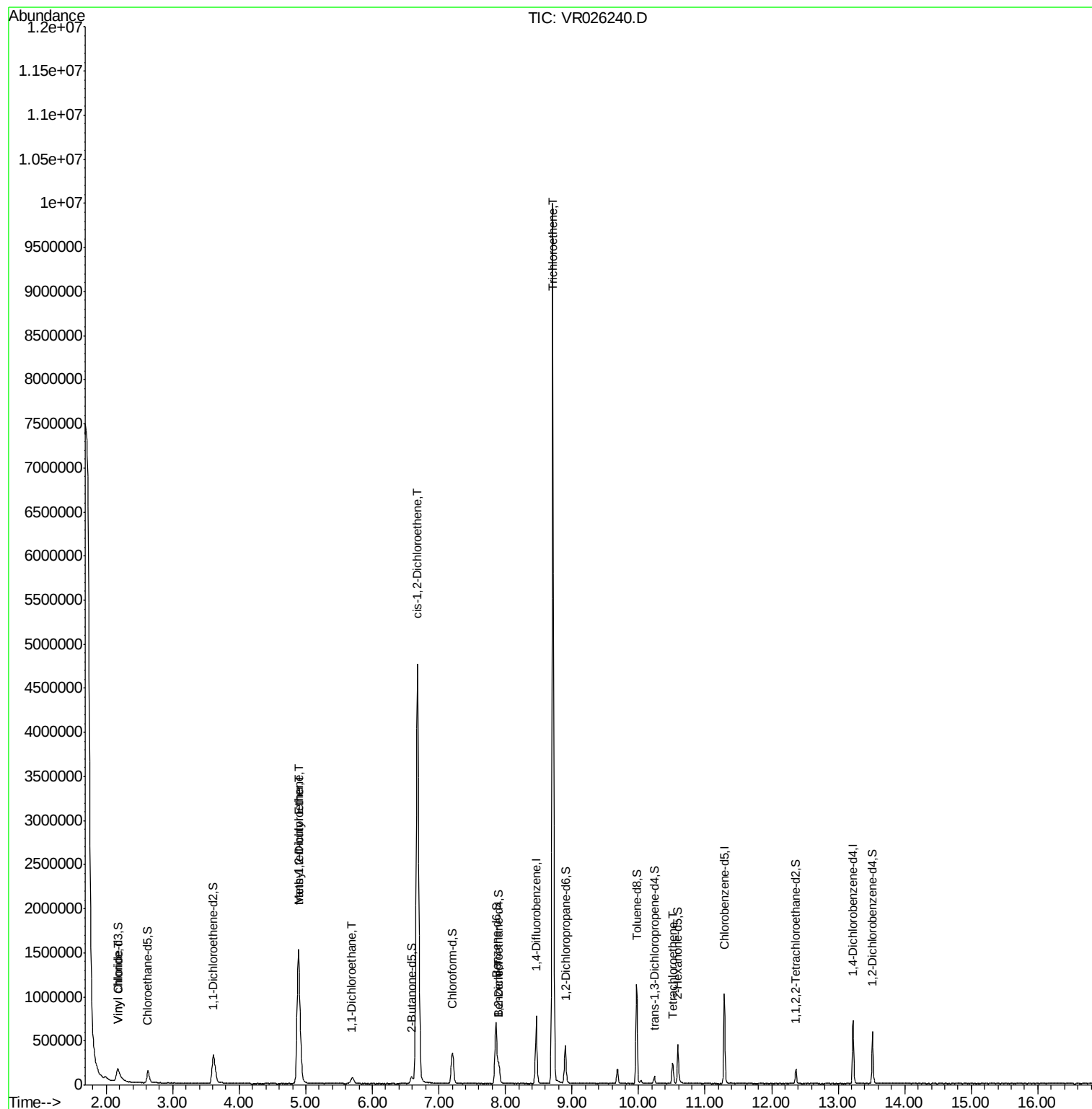
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
Data File : VR026240.D
Acq On : 20 Nov 2018 22:09
Operator : SY/MD
Sample : J6026-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

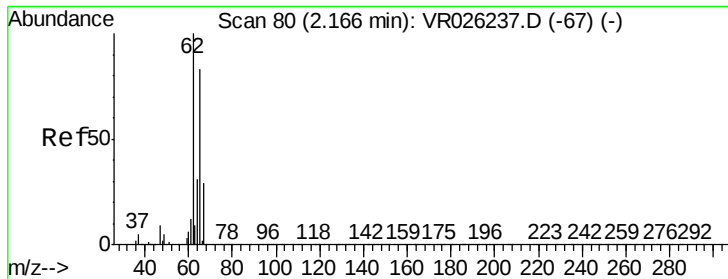
Instrument :
MSVOA_R
ClientSampleId :
H0FH2

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Quant Time: Nov 21 10:22:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.314 ug/L

RT: 2.18 min Scan# 82

Delta R.T. 0.01 min

Lab File: VR026240.D

Acq: 20 Nov 2018 22:09

Instrument :

MSVOA_R

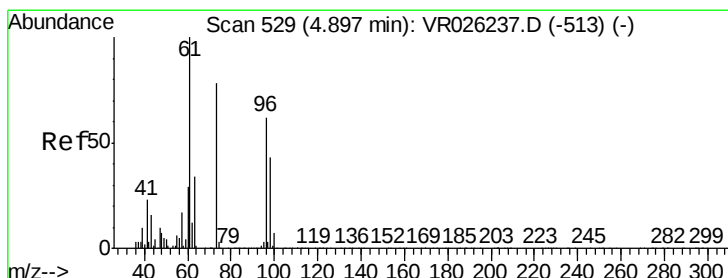
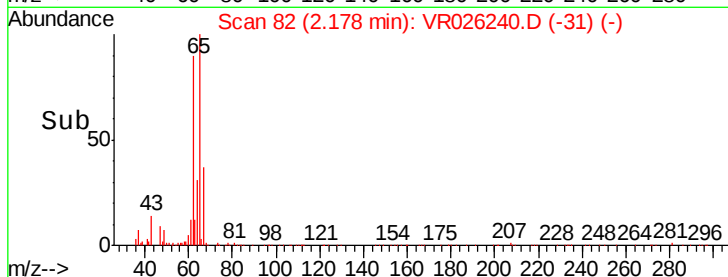
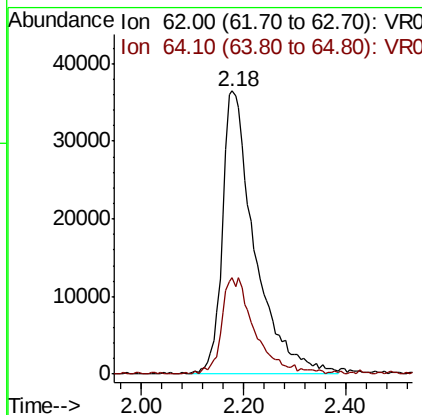
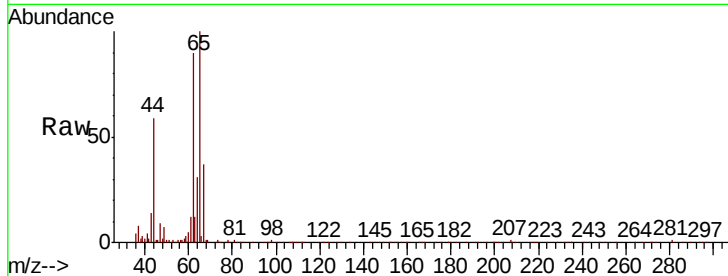
ClientSampleId :

H0FH2

Tgt Ion:	62	Resp:	159660
Ion Ratio	Lower	Upper	
62	100		
64	34.3	21.3	39.5

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#17

Methyl tert-butyl Ether

Concen: 11.630 ug/L

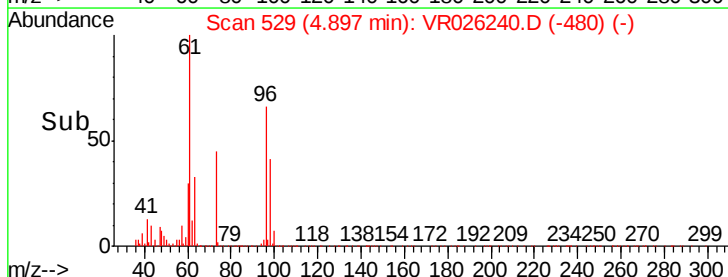
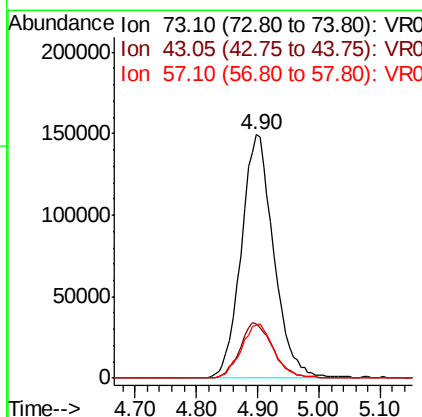
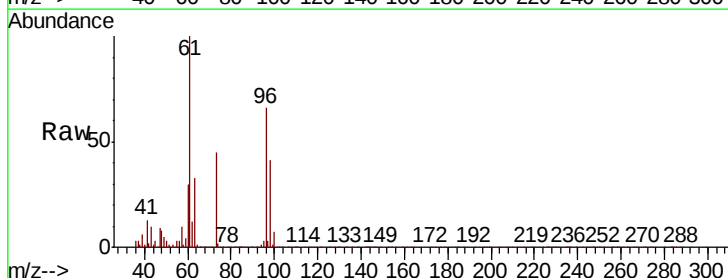
RT: 4.90 min Scan# 529

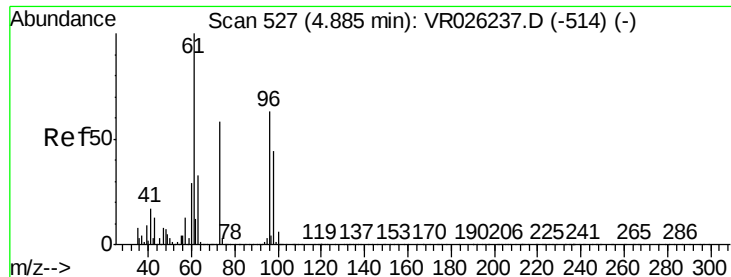
Delta R.T. 0.00 min

Lab File: VR026240.D

Acq: 20 Nov 2018 22:09

Tgt Ion:	73	Resp:	549789
Ion Ratio	Lower	Upper	
73	100		
43	23.2	19.0	28.4
57	22.7	17.9	26.9





#18

trans-1,2-Dichloroethene

Concen: 16.949 ug/L

RT: 4.89 min Scan# 528

Delta R.T. 0.01 min

Lab File: VR026240.D

Acq: 20 Nov 2018 22:09

Instrument :

MSVOA_R

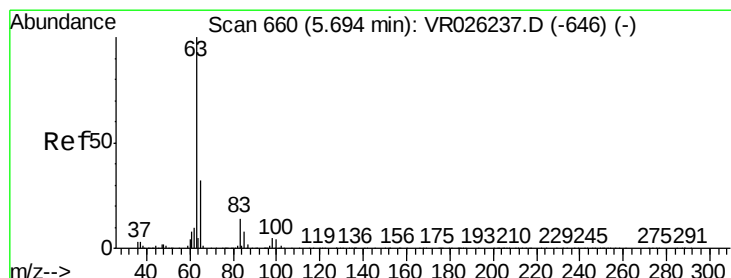
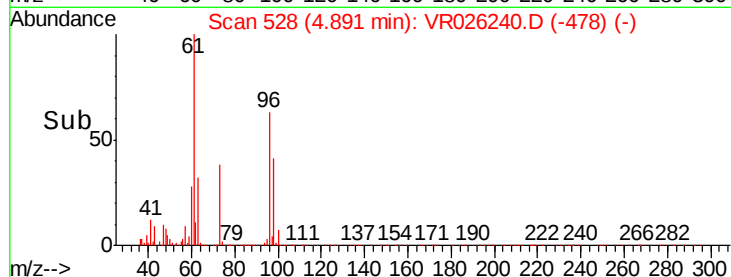
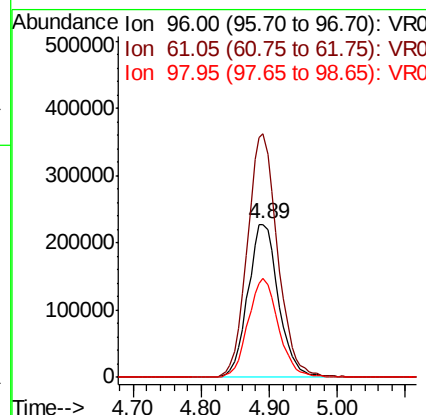
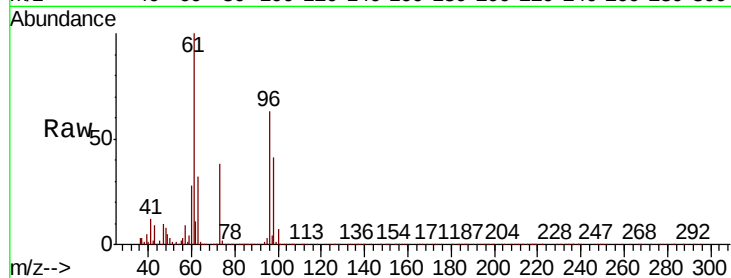
ClientSampled :

H0FH2

Tgt Ion:	96	Resp:	711845
Ion Ratio	Lower	Upper	
96	100		
61	159.0	105.4	195.8
98	64.6	42.1	78.1

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#19

1,1-Dichloroethane

Concen: 1.395 ug/L

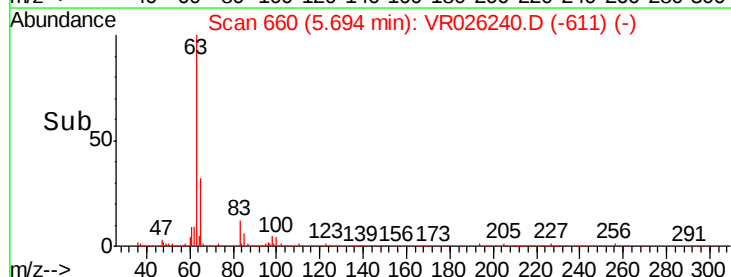
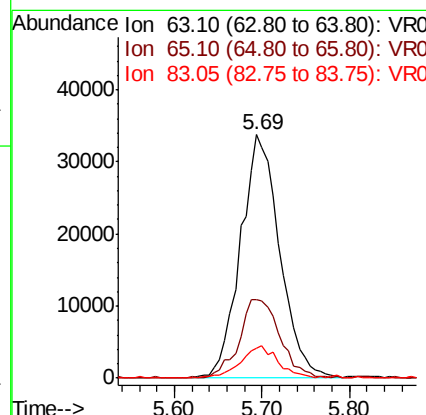
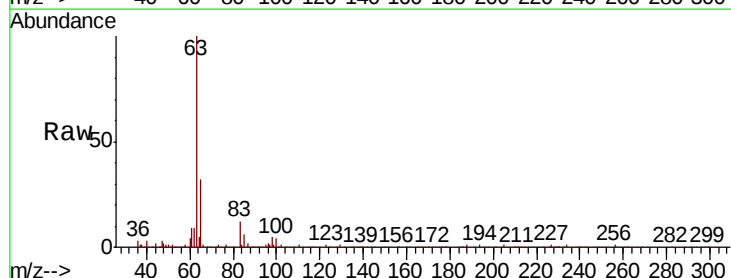
RT: 5.69 min Scan# 660

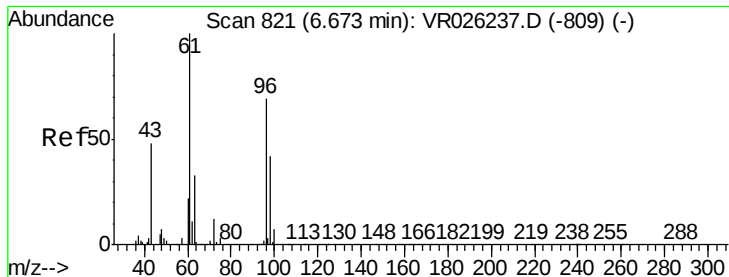
Delta R.T. 0.00 min

Lab File: VR026240.D

Acq: 20 Nov 2018 22:09

Tgt Ion:	63	Resp:	105125
Ion Ratio	Lower	Upper	
63	100		
65	32.2	21.1	39.3
83	12.0	9.9	18.5





#22

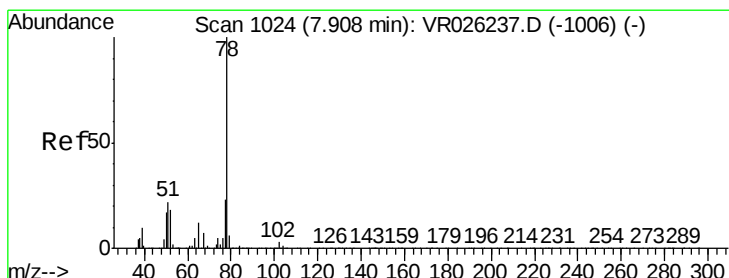
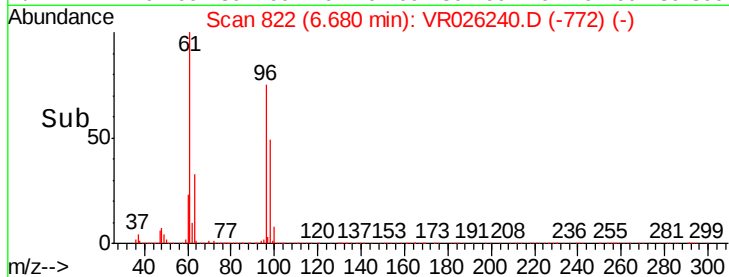
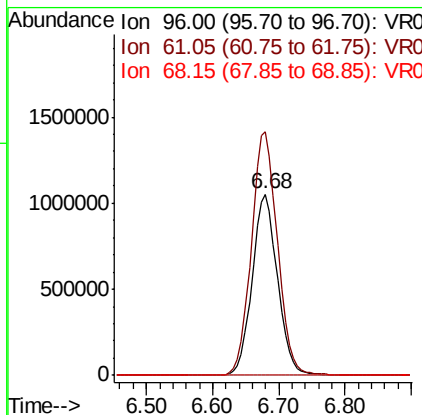
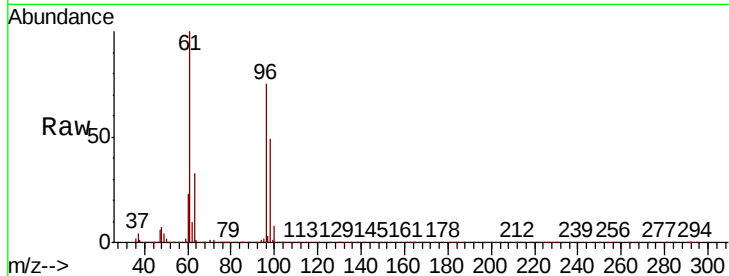
cis-1,2-Dichloroethene
Concen: 73.939 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026240.D
Acq: 20 Nov 2018 22:09

Instrument :
MSVOA_R
ClientSampleId :
H0FH2

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.2	94.8	176.2
68	0.0	0.0	0.0

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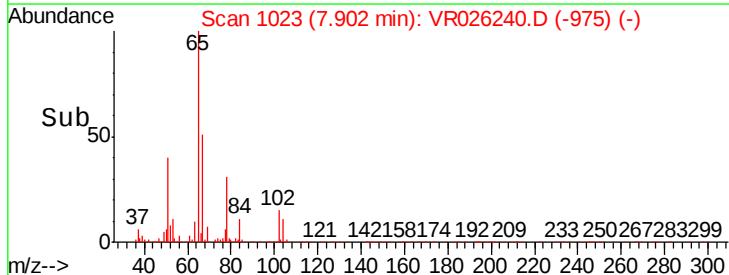
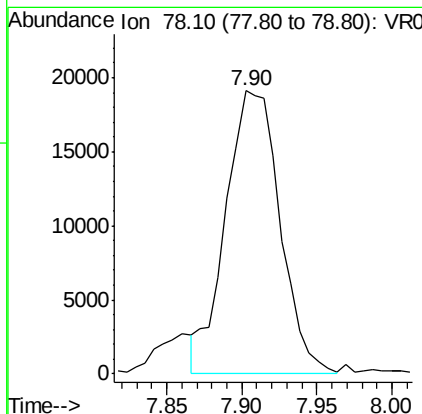
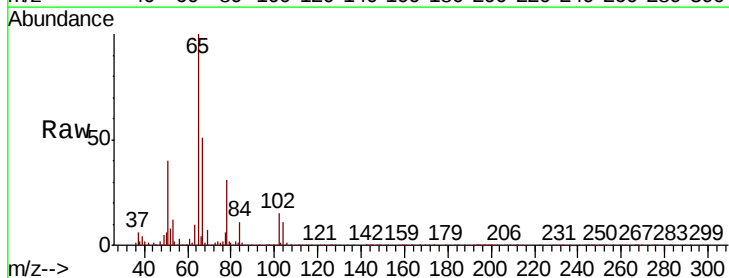
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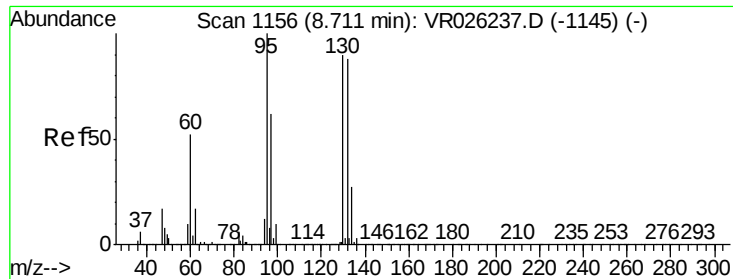


#33

Benzene
Concen: 0.285 ug/L m
RT: 7.90 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VR026240.D
Acq: 20 Nov 2018 22:09

Tgt Ion: 78 Resp: 47765





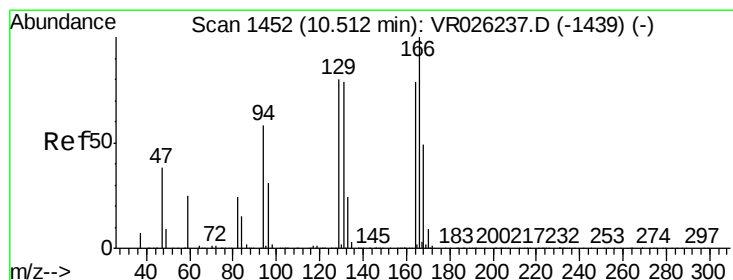
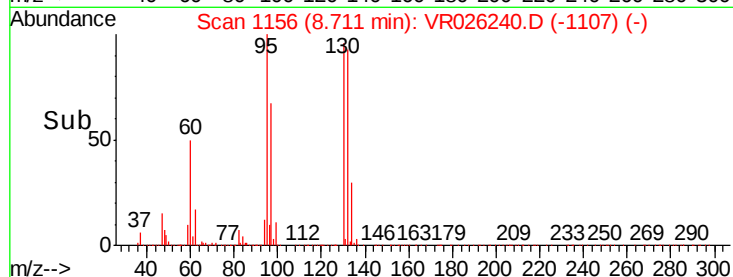
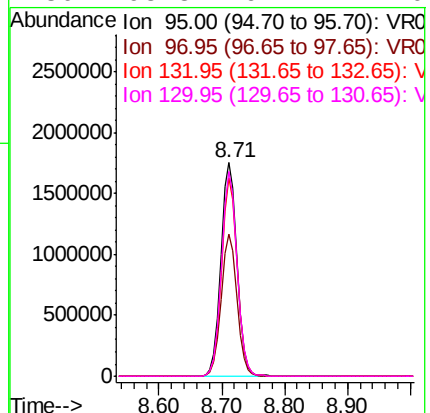
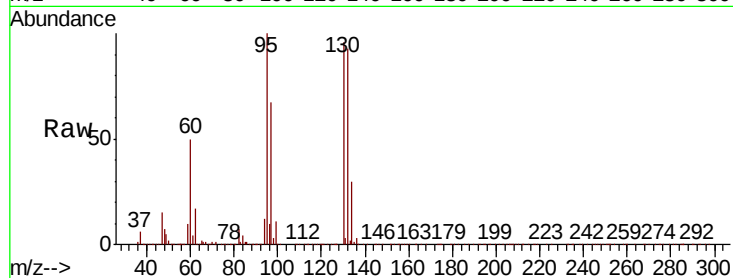
#34
 Trichloroethene
 Concen: 69.828 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VR026240.D
 Acq: 20 Nov 2018 22:09

Instrument :
 MSVOA_R
 ClientSampled :
 H0FH2

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.7
132	93.0	59.8	111.0
130	95.8	61.4	114.0

Manual Integrations
 APPROVED

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#47
 Tetrachloroethene
 Concen: 1.341 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026240.D
 Acq: 20 Nov 2018 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.7	74.6	138.6
131	97.2	69.8	129.6
166	129.7	94.5	175.5

