

Data File : VR026251.D
Acq On : 21 Nov 2018 4:11
Operator : SY/MD
Sample : J6026-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0FM7

Quant Time: Nov 21 04:57:19 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	504871	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	405099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	120382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	187394	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	2.63	69	179958	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	3.61	63	361743	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.59	46	162769	45.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	7.20	84	335105	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	7.90	65	130260	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	7.85	84	648762	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	171540	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	9.97	98	584056	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	10.24	79	37349	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	107468	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64288	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	106965	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

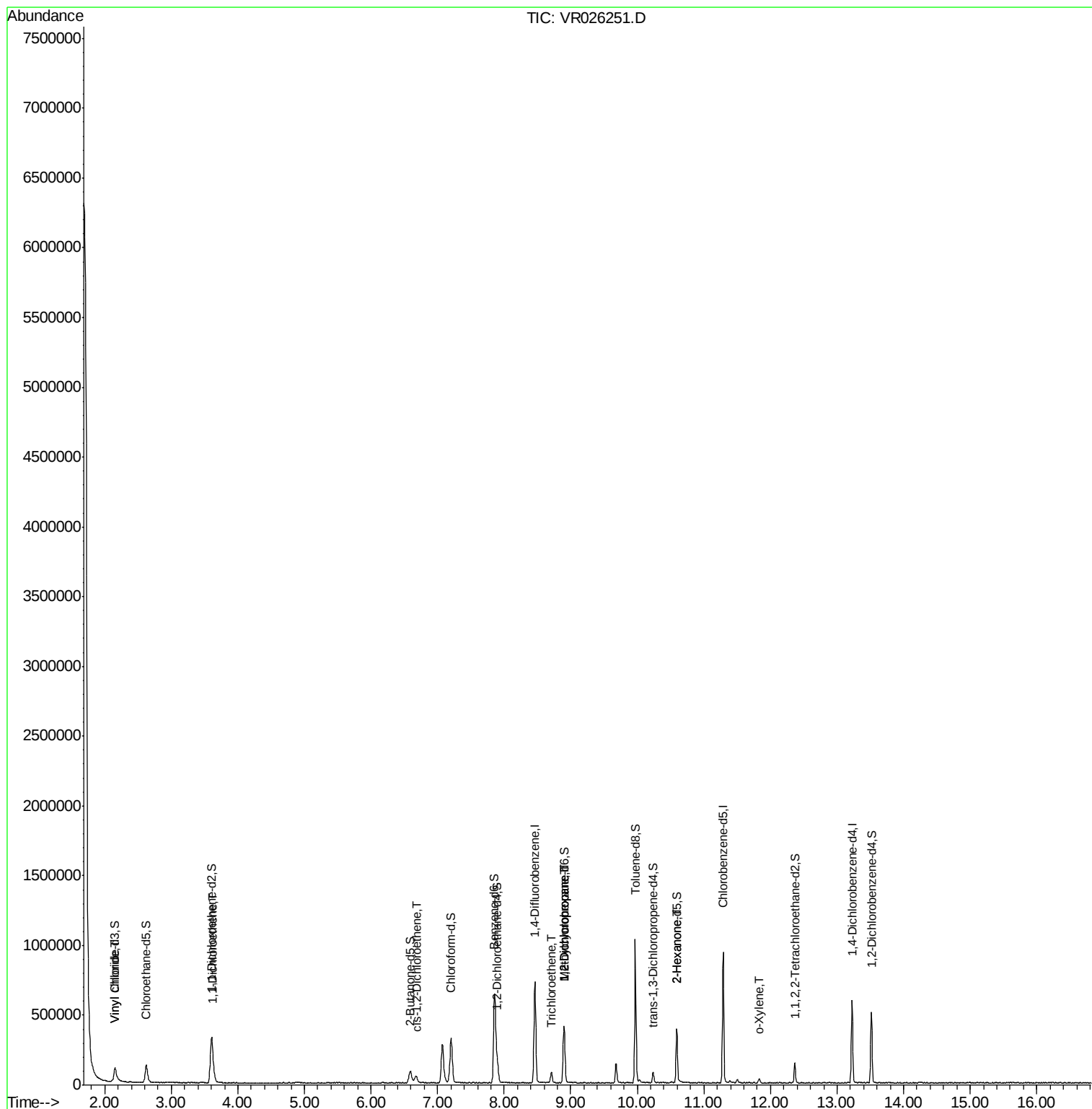
						Qvalue
5) Vinyl chloride	2.16	62	3666	0.082	ug/L #	2
12) 1,1-Dichloroethene	3.63	96	3985	0.094	ug/L #	1
22) cis-1,2-Dichloroethene	6.69	96	26825	0.765	ug/L	94
34) Trichloroethene	8.71	95	22029	0.562	ug/L	93
35) Methylcyclohexane	8.90	83	42213	0.809	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	21399	0.698	ug/L #	92
48) 2-Hexanone	10.59	43	16764	2.932	ug/L #	66
54) o-Xylene	11.83	106	6738	0.113	ug/L	67

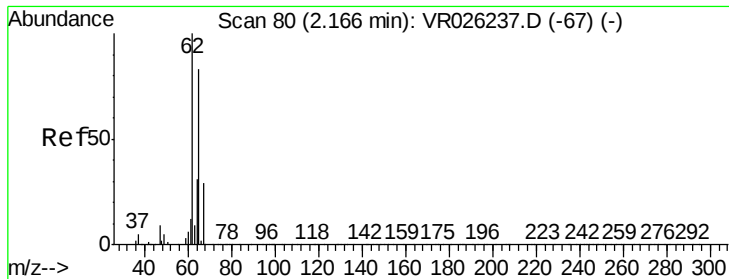
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.082 ug/L

RT: 2.16 min Scan# 79

Delta R.T. -0.01 min

Lab File: VR026251.D

Acq: 21 Nov 2018 4:11

Instrument :

MSVOA_R

ClientSampleId :

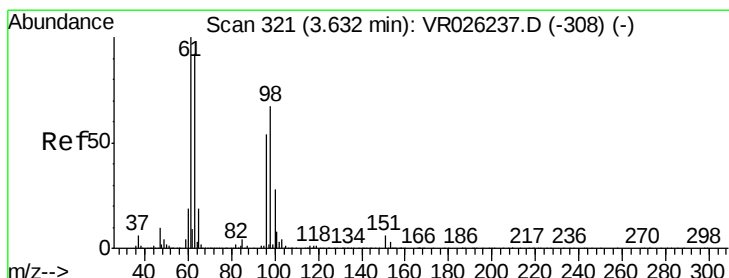
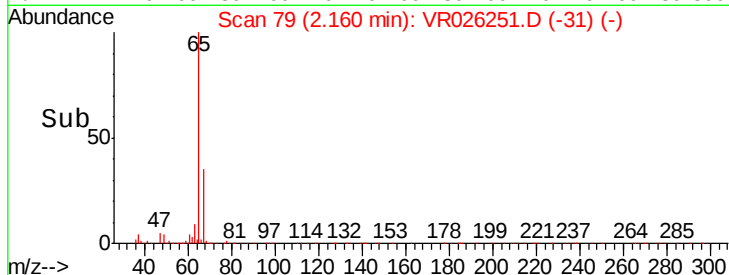
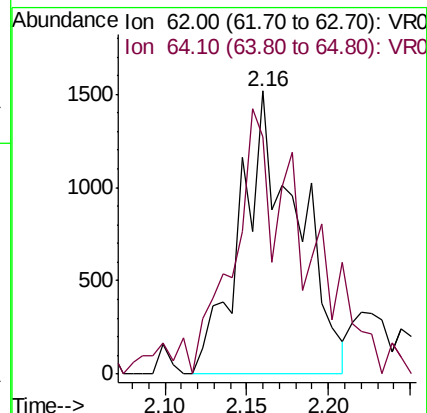
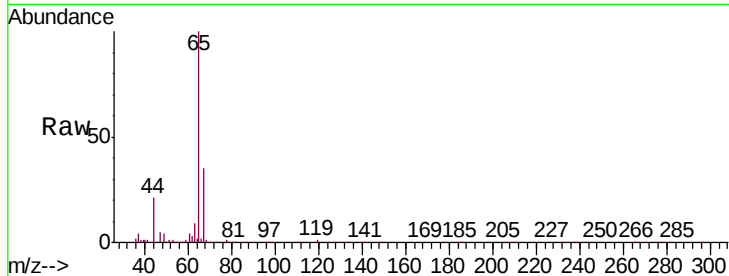
H0FM7

Tgt Ion: 62 Resp: 3666

Ion Ratio Lower Upper

62 100

64 83.6 21.3 39.5#



#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.01 min

Lab File: VR026251.D

Acq: 21 Nov 2018 4:11

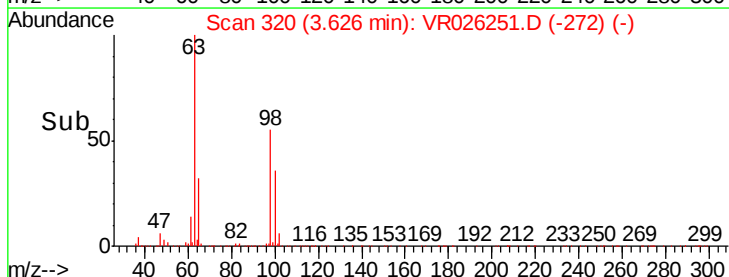
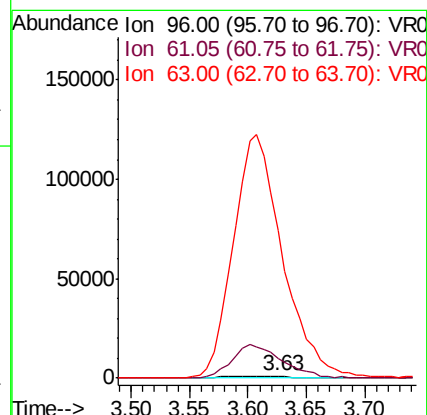
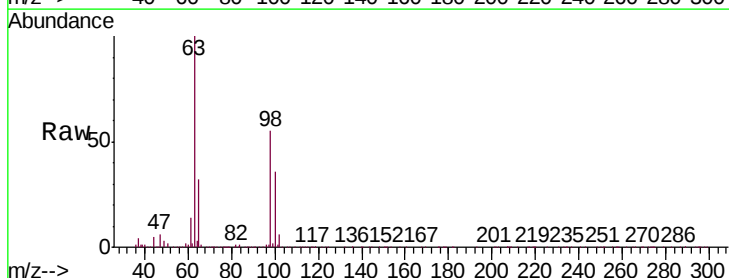
Tgt Ion: 96 Resp: 3985

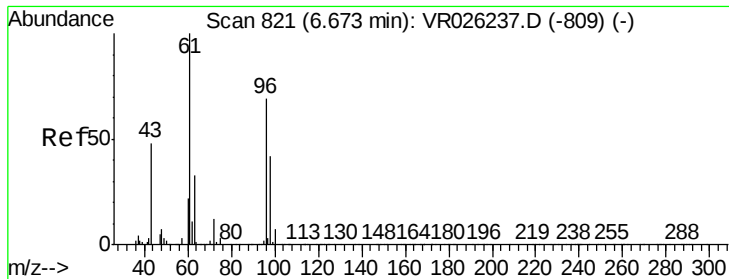
Ion Ratio Lower Upper

96 100

61 1113.3 128.7 239.1#

63 8174.1 122.6 227.6#



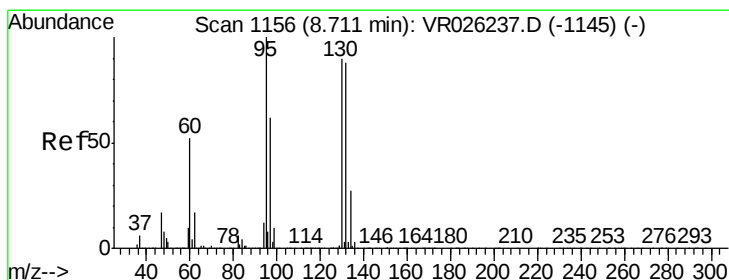
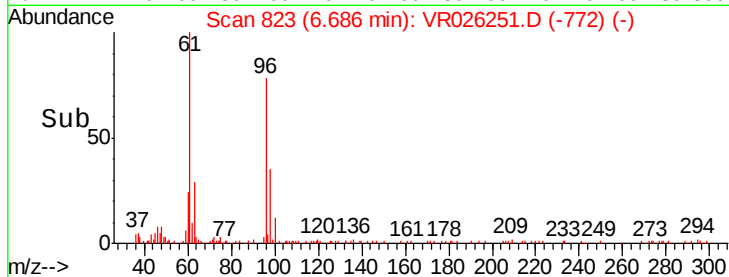
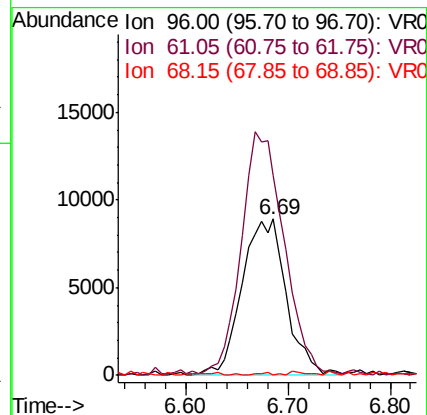
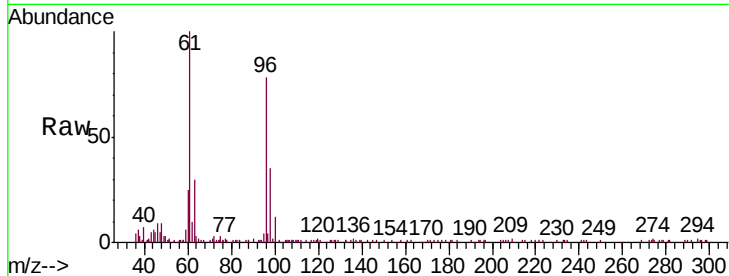


#22

cis-1,2-Dichloroethene
Concen: 0.765 ug/L
RT: 6.69 min Scan# 823
Delta R.T. 0.01 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

Instrument :
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H0FM7

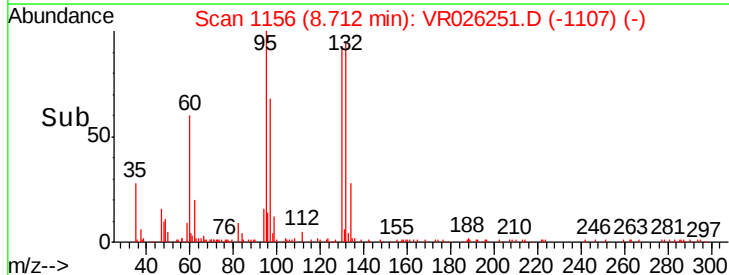
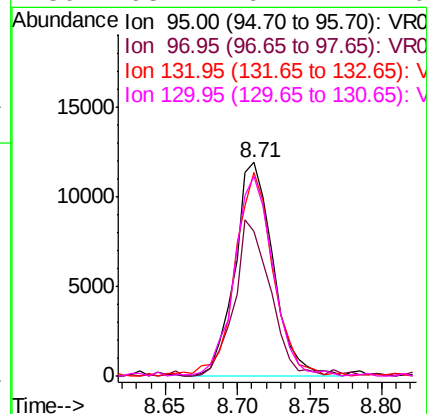
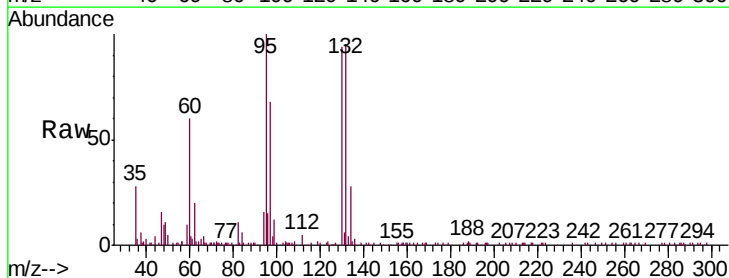
Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.6	94.8	176.2
68	0.0	0.0	0.0

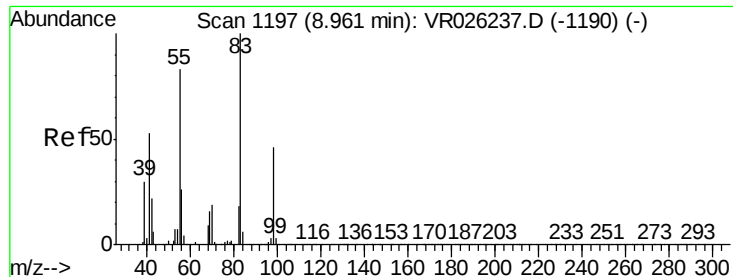


#34

Trichloroethene
Concen: 0.562 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.8	45.1	83.7
132	95.3	59.8	111.0
130	93.7	61.4	114.0

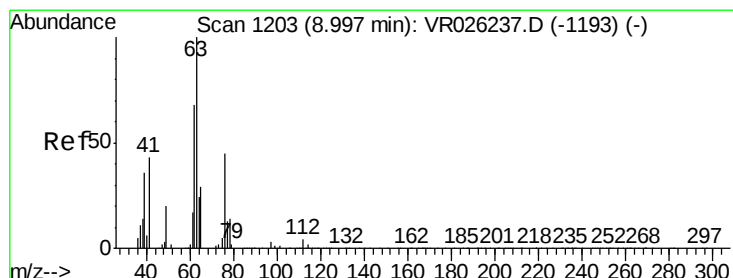
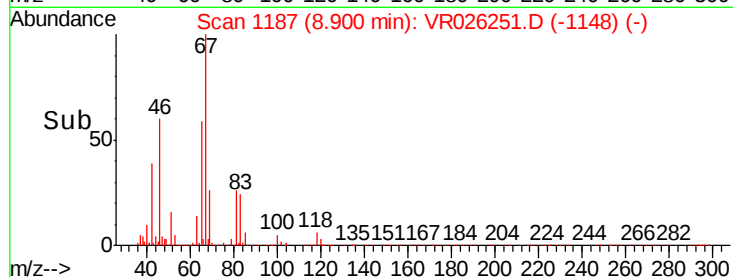
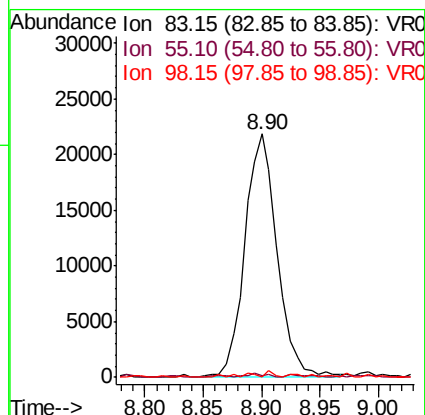
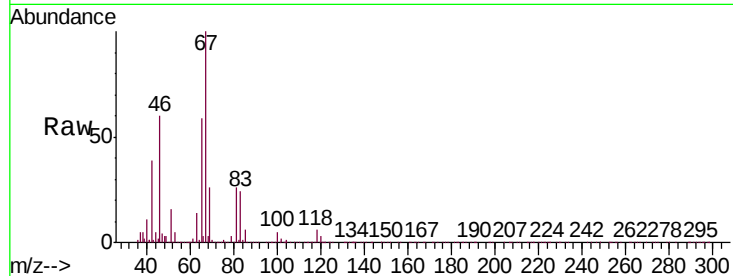




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

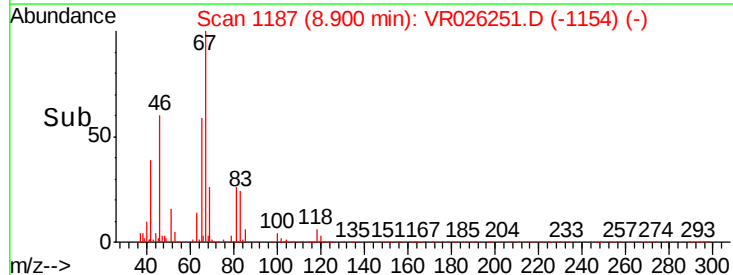
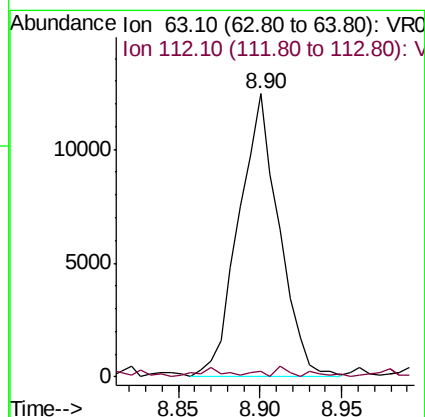
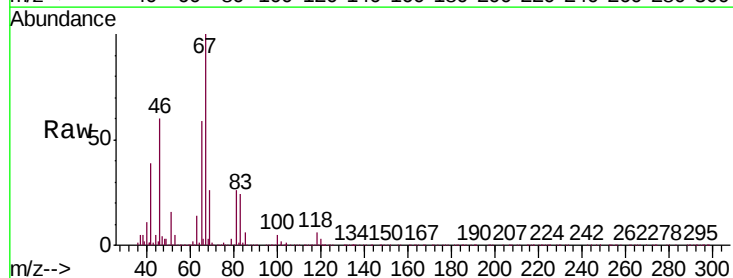
Instrument :
MSVOA_R
ClientSampleId :
H0FM7

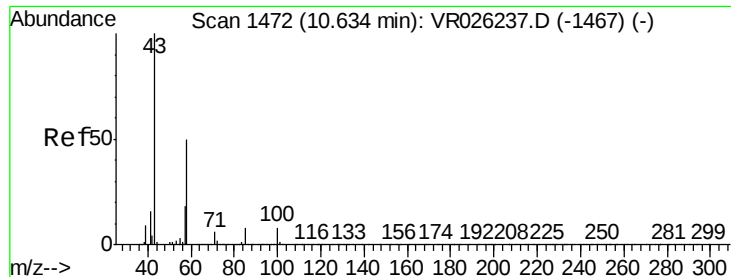
Tgt Ion: 83 Resp: 42213
Ion Ratio Lower Upper
83 100
55 0.8 66.6 100.0#
98 0.7 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

Tgt Ion: 63 Resp: 21399
Ion Ratio Lower Upper
63 100
112 1.5 3.4 5.0#

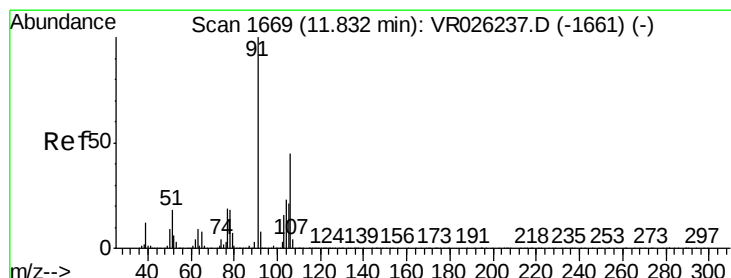
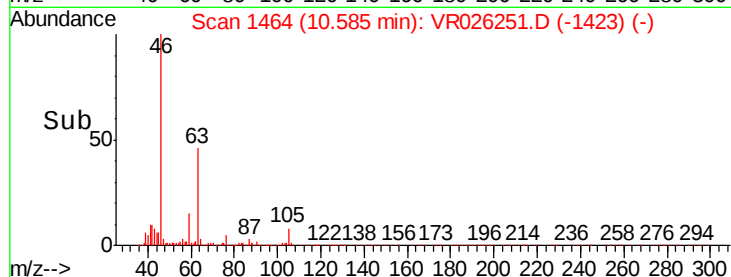
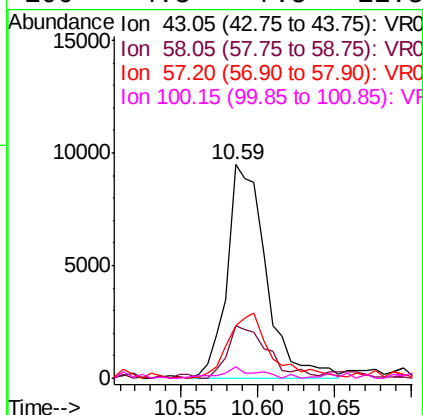
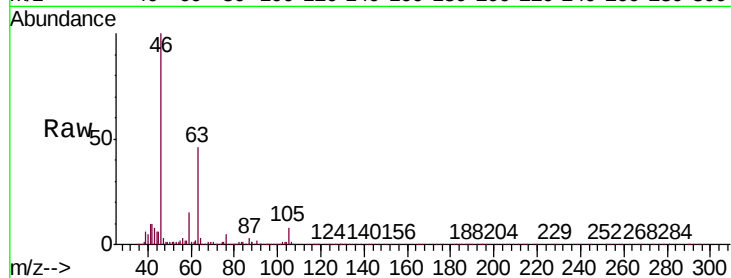




#48
2-Hexanone
Concen: 2.932 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

Instrument :
MSVOA_R
ClientSampleId :
H0FM7

Tgt Ion:	43	Resp:	16764
Ion	Ratio	Lower	Upper
43	100		
58	25.3	41.3	61.9#
57	33.2	14.5	21.7#
100	4.3	7.5	11.3#



#54
o-Xylene
Concen: 0.113 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VR026251.D
Acq: 21 Nov 2018 4:11

Tgt Ion:	106	Resp:	6738
Ion	Ratio	Lower	Upper
106	100		
91	172.5	159.0	295.4

