

Data File : VR026248.D
Acq On : 21 Nov 2018 2:32
Operator : SY/MD
Sample : J6026-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0FL9

Quant Time: Nov 21 03:28:26 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	489219	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	410070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	196575	5.28	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	2.62	69	187383	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	3.61	63	380839	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	6.59	46	164376	47.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	7.20	84	344911	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	7.90	65	135770	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.86	84	646560	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.90	67	167575	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	9.97	98	567490	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	10.24	79	38767	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	118831	52.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	68068	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	119348	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

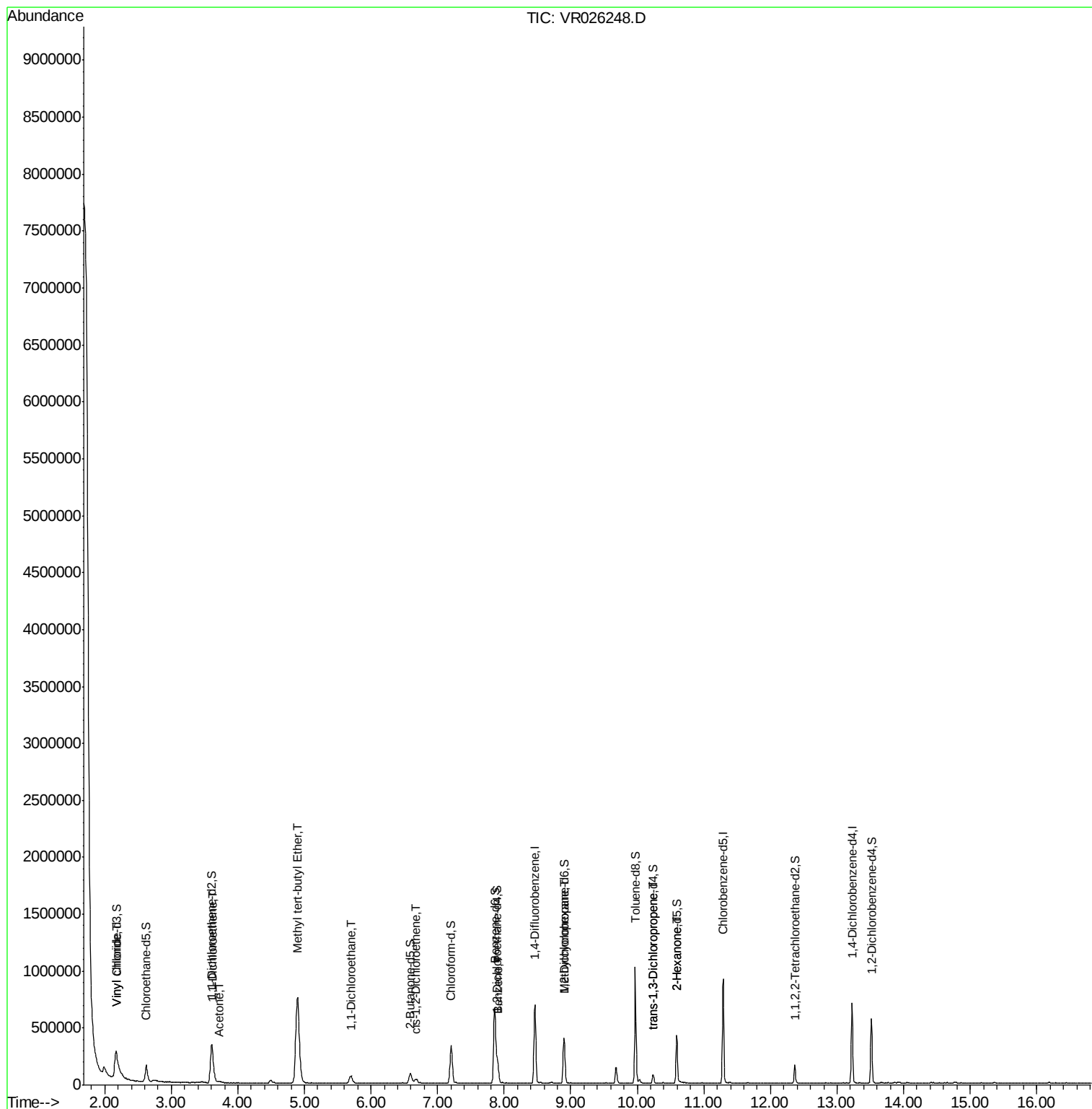
						Qvalue
5) Vinyl chloride	2.17	62	201942	4.667	ug/L	94
12) 1,1-Dichloroethene	3.62	96	3824	0.093	ug/L #	1
13) Acetone	3.71	43	8885	3.421	ug/L	66
17) Methyl tert-butyl Ether	4.90	73	1198074	28.223	ug/L	98
19) 1,1-Dichloroethane	5.70	63	99718	1.473	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	19065	0.561	ug/L	94
33) Benzene	7.91	78	50251	0.335	ug/L	100
35) Methylcyclohexane	8.90	83	40129	0.759	ug/L #	18
44) trans-1,3-Dichloropropene	10.24	75	2239	0.092	ug/L	92
48) 2-Hexanone	10.59	43	18529	3.201	ug/L #	68

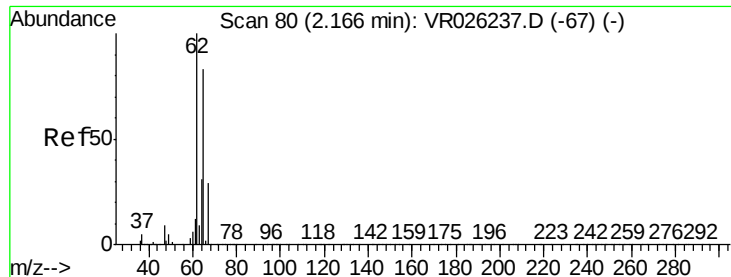
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.667 ug/L

RT: 2.17 min Scan# 81

Delta R.T. 0.01 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

Instrument :

MSVOA_R

ClientSampled :

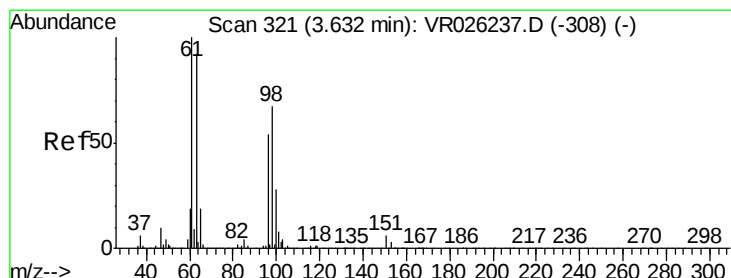
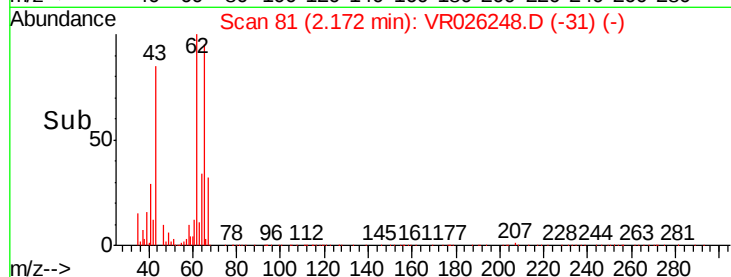
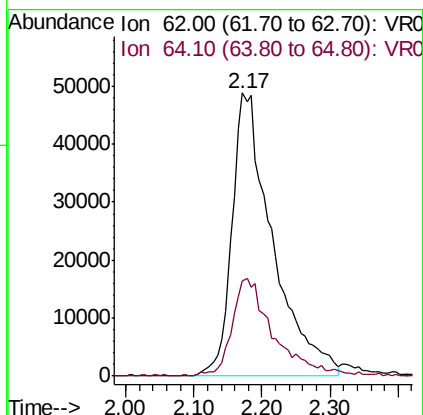
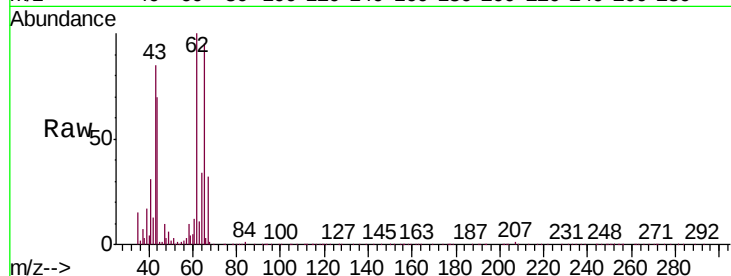
H0FL9

Tgt Ion: 62 Resp: 201942

Ion Ratio Lower Upper

62 100

64 33.6 21.3 39.5



#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

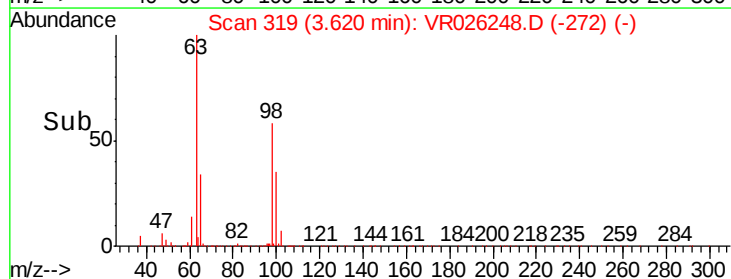
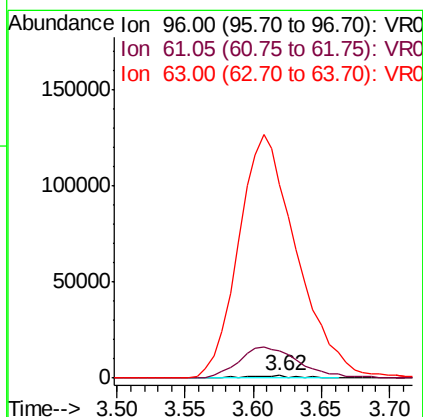
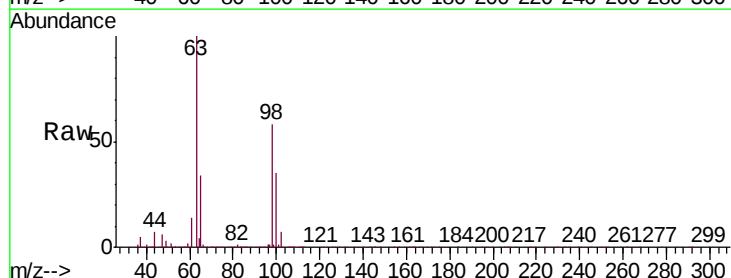
Tgt Ion: 96 Resp: 3824

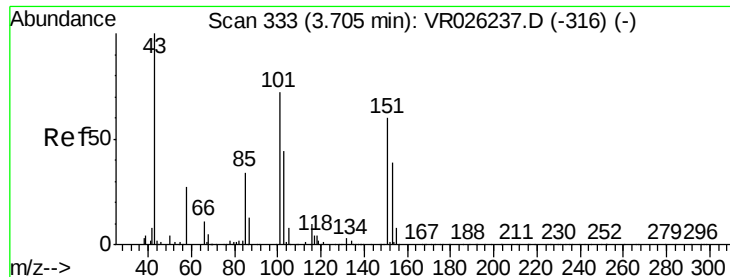
Ion Ratio Lower Upper

96 100

61 1056.8 128.7 239.1#

63 7666.1 122.6 227.6#





#13

Acetone

Concen: 3.421 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

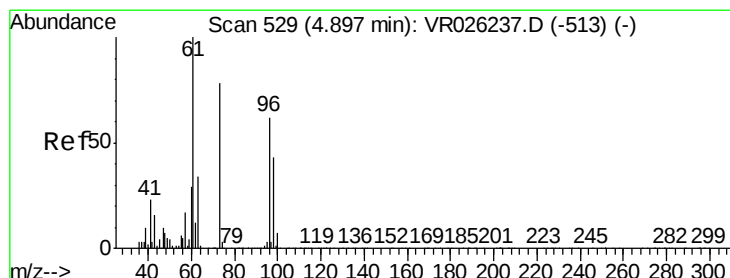
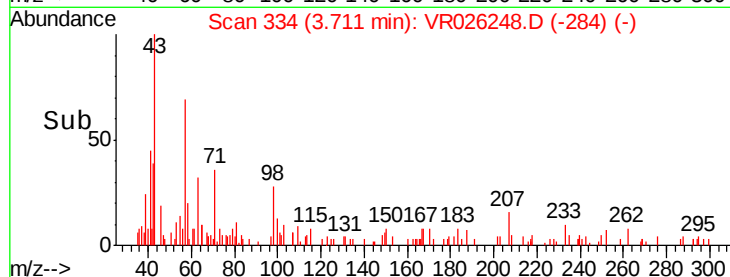
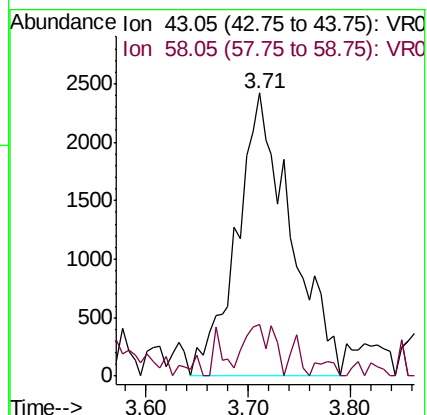
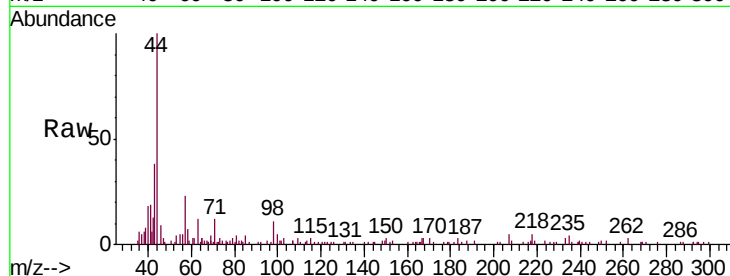
Instrument :
MSVOA_R
ClientSampled :
H0FL9

Tgt Ion: 43 Resp: 8885

Ion Ratio Lower Upper

43 100

58 9.7 0.0 55.0



#17

Methyl tert-butyl Ether

Concen: 28.223 ug/L

RT: 4.90 min Scan# 529

Delta R.T. 0.00 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

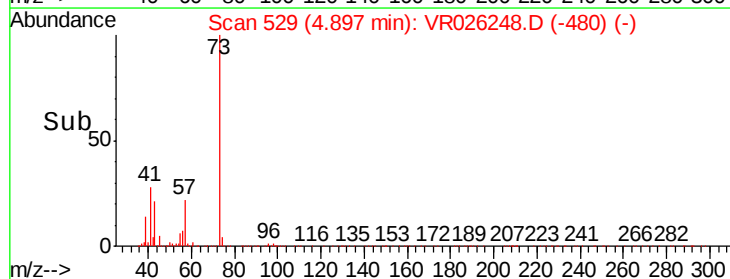
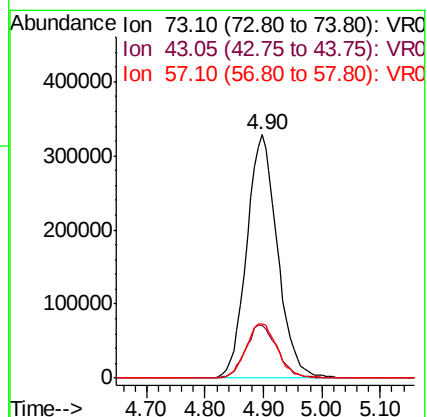
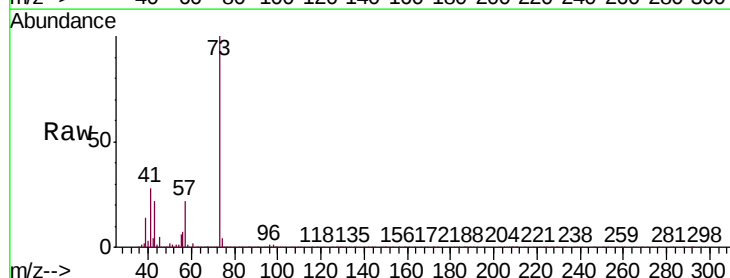
Tgt Ion: 73 Resp: 1198074

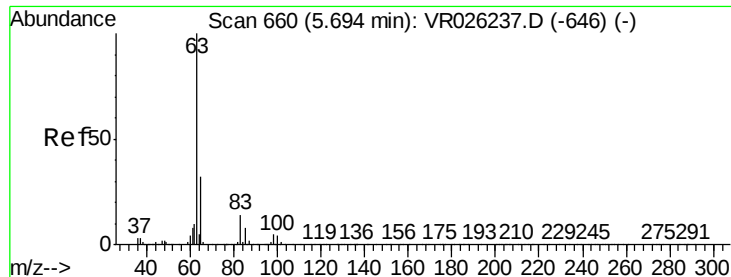
Ion Ratio Lower Upper

73 100

43 22.6 19.0 28.4

57 23.1 17.9 26.9

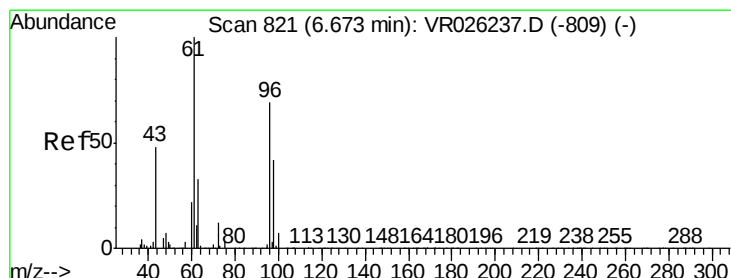
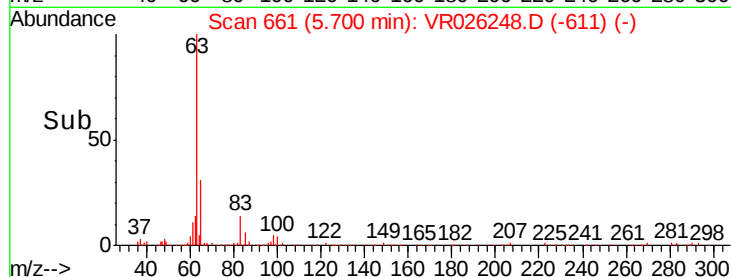
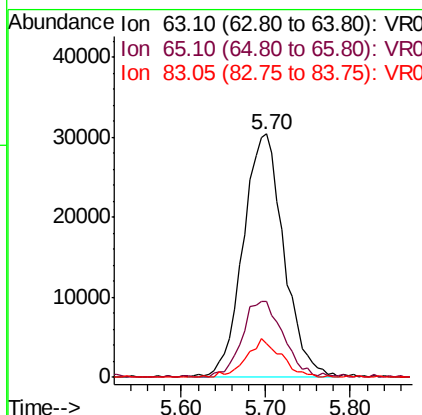
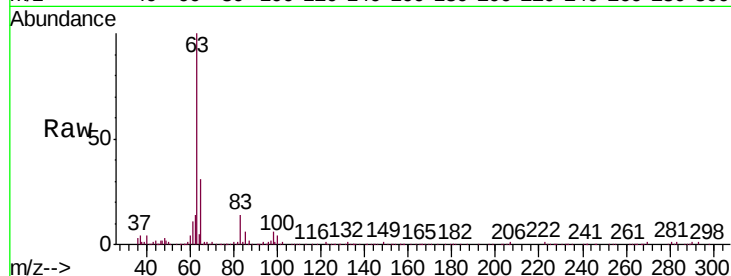




#19
 1,1-Dichloroethane
 Concen: 1.473 ug/L
 RT: 5.70 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VR026248.D
 Acq: 21 Nov 2018 2:32

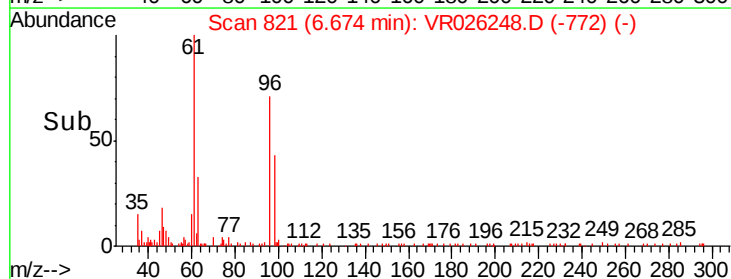
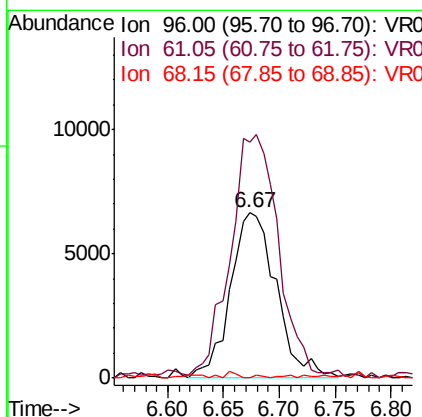
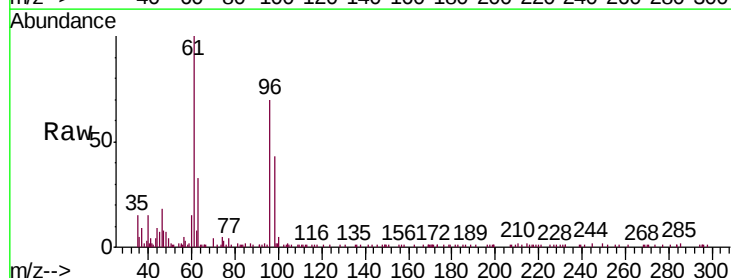
Instrument :
 MSVOA_R
 ClientSampleId :
 H0FL9

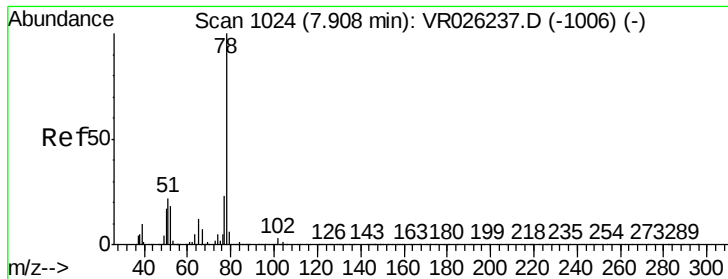
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.1	39.3
83	13.6	9.9	18.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.561 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: VR026248.D
 Acq: 21 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	94.8	176.2
68	0.0	0.0	0.0





#33

Benzene

Concen: 0.335 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

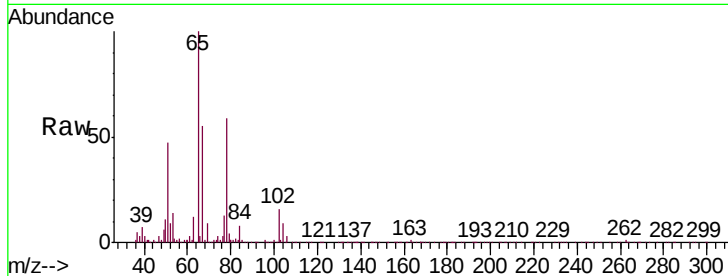
Instrument :

MSVOA_R

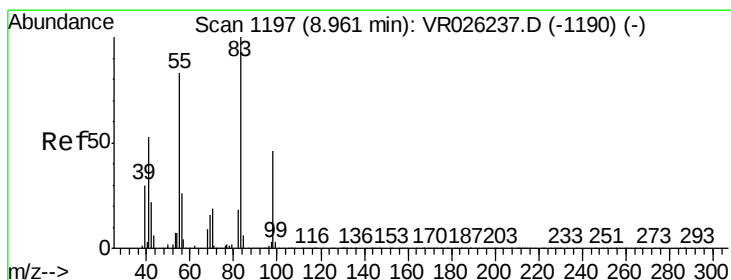
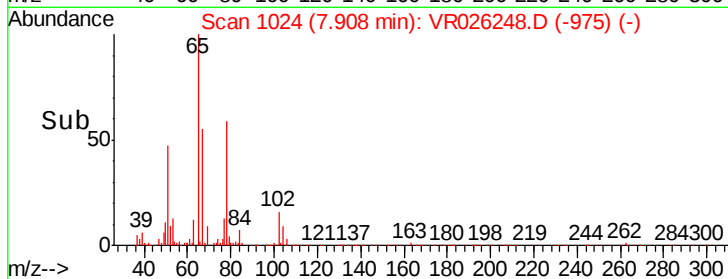
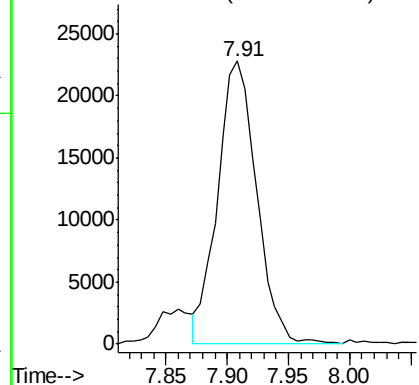
ClientSampleId :

H0FL9

Tgt Ion: 78 Resp: 50251



Abundance Ion 78.10 (77.80 to 78.80): VR0



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.06 min

Lab File: VR026248.D

Acq: 21 Nov 2018 2:32

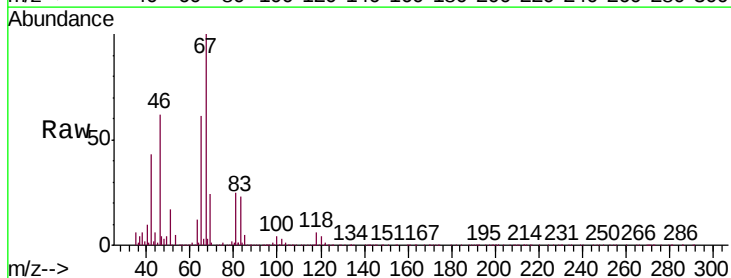
Tgt Ion: 83 Resp: 40129

Ion Ratio Lower Upper

83 100

55 1.6 66.6 100.0#

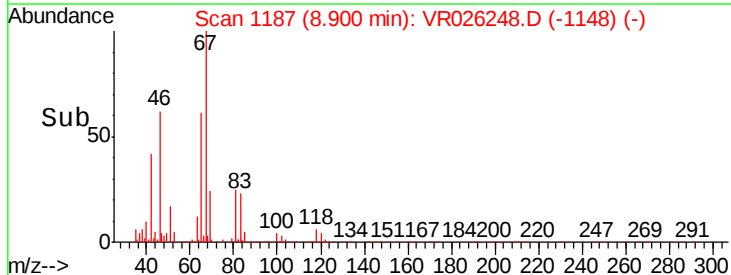
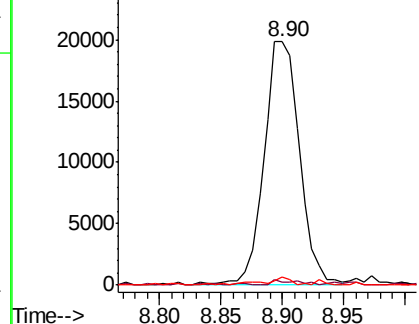
98 2.3 35.5 53.3#

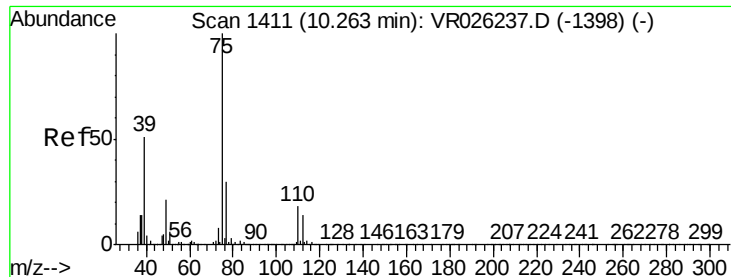


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

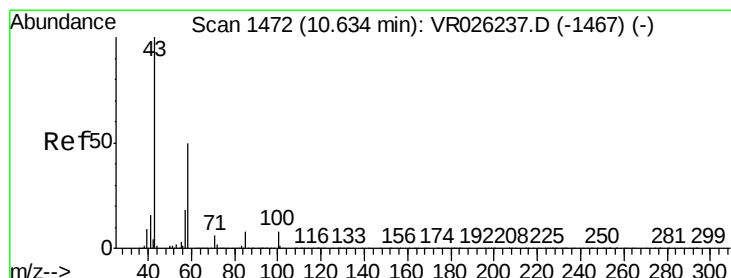
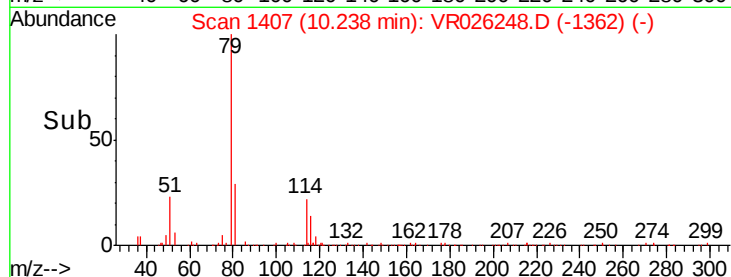
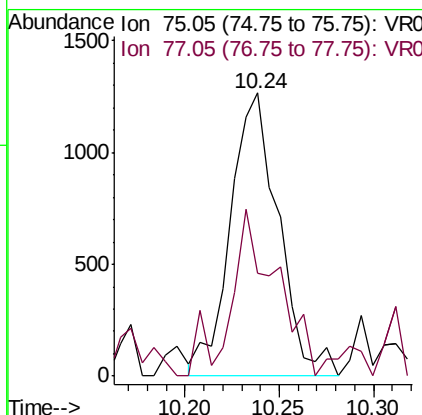
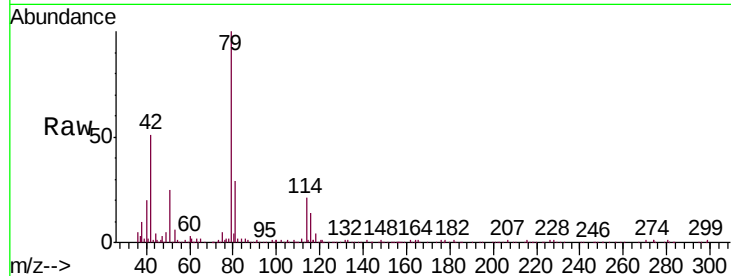




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026248.D
Acq: 21 Nov 2018 2:32

Instrument :
MSVOA_R
ClientSampled :
H0FL9

Tgt Ion: 75 Resp: 2239
Ion Ratio Lower Upper
75 100
77 36.4 22.3 41.3



#48
2-Hexanone
Concen: 3.201 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026248.D
Acq: 21 Nov 2018 2:32

Tgt Ion: 43 Resp: 18529
Ion Ratio Lower Upper
43 100
58 25.2 41.3 61.9#
57 30.4 14.5 21.7#
100 5.4 7.5 11.3#

