

Data File : VR026333.D
Acq On : 15 Feb 2019 16:50
Operator : SY/MD
Sample : K1488-18
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXF4

Quant Time: Feb 16 03:24:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	616047	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	494121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	150572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	229008	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	2.63	69	188726	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	3.61	63	419636	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.59	46	159133	44.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.86%
24) Chloroform-d	7.20	84	354847	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.89	65	135514	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	7.85	84	718578	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	8.89	67	171591	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.40%
41) Toluene-d8	9.97	98	637788	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.23	79	41409	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	10.59	63	119425	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62797	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	118940	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

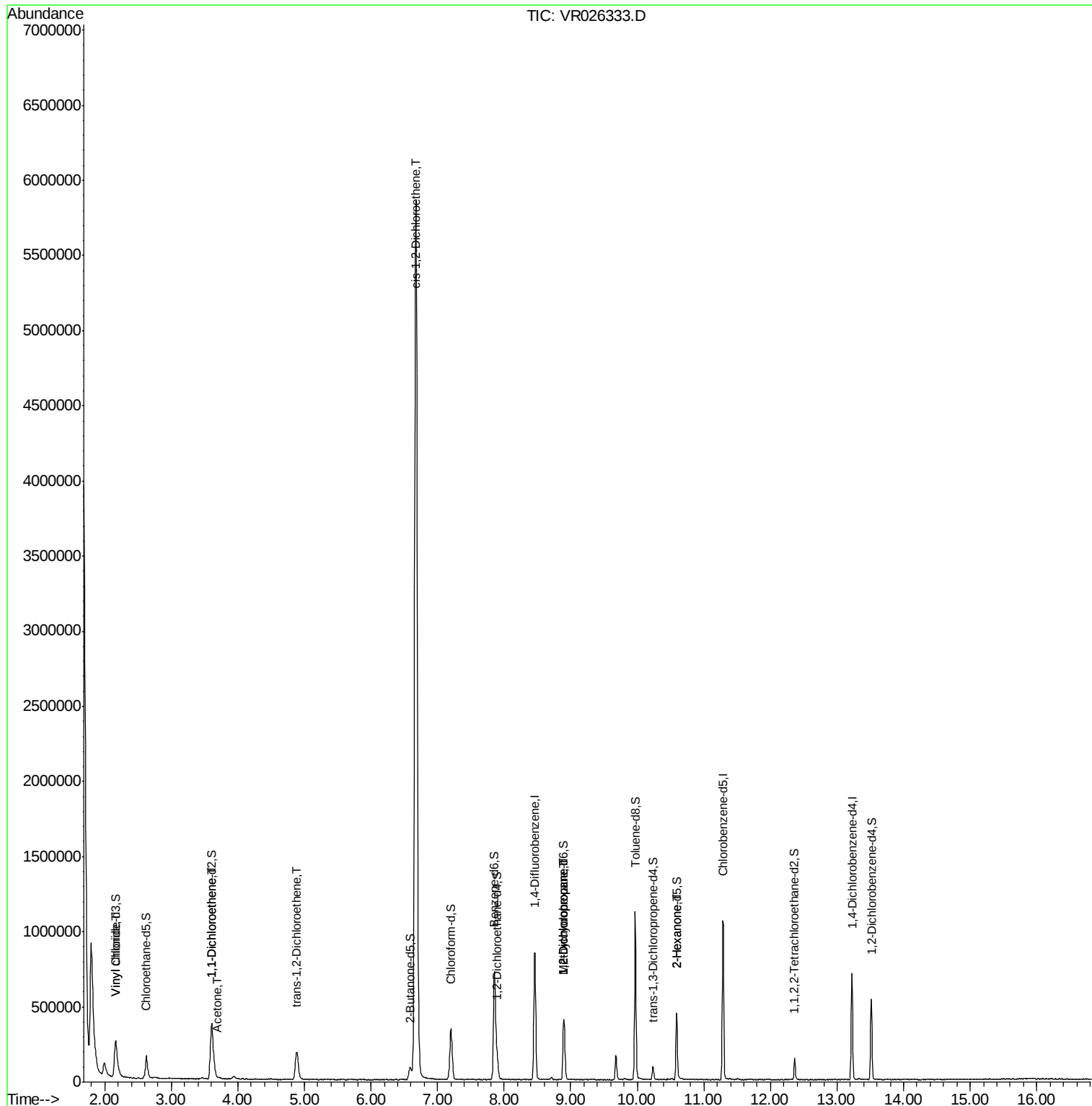
					Qvalue
5) Vinyl chloride	2.17	62	163002	2.497 ug/L	97
12) 1,1-Dichloroethene	3.61	96	13639	0.232 ug/L #	1
13) Acetone	3.69	43	7996	2.117 ug/L	73
18) trans-1,2-Dichloroethene	4.89	96	112018	2.097 ug/L	92
22) cis-1,2-Dichloroethene	6.67	96	3476132	80.675 ug/L #	88
35) Methylcyclohexane	8.90	83	43772	0.624 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	20290	0.481 ug/L #	93
48) 2-Hexanone	10.59	43	19201	2.934 ug/L #	71

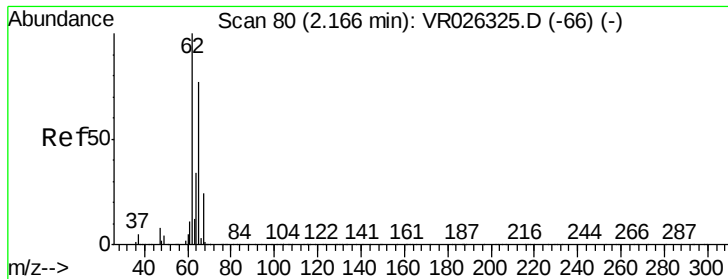
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.497 ug/L

RT: 2.17 min Scan# 80

Delta R.T. 0.00 min

Lab File: VR026333.D

Acq: 15 Feb 2019 16:50

Instrument :

MSVOA_R

ClientSampled :

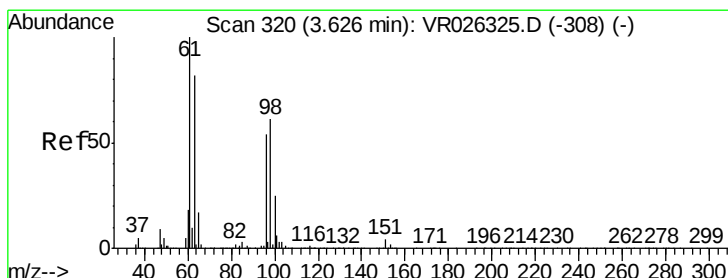
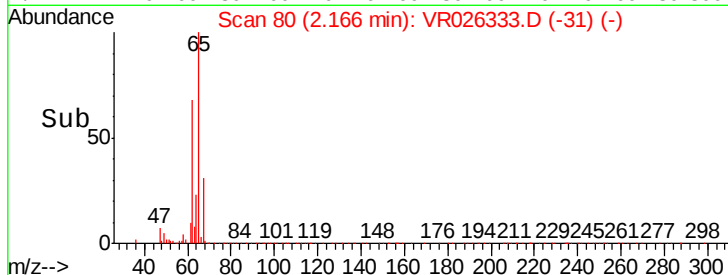
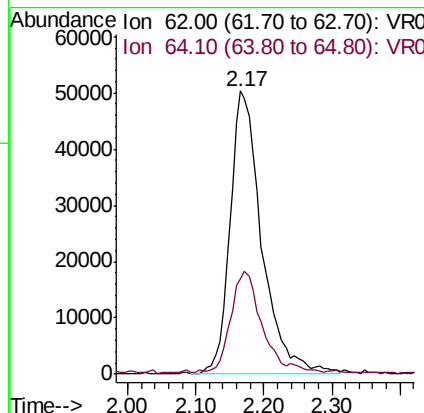
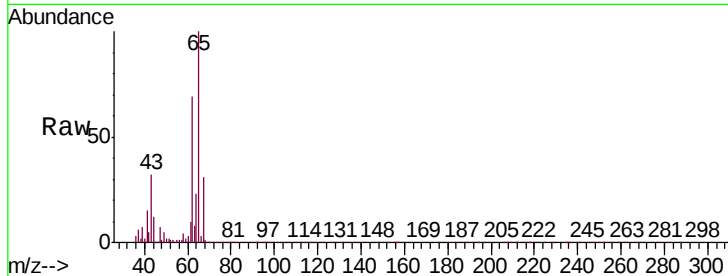
ESXF4

Tgt Ion: 62 Resp: 163002

Ion Ratio Lower Upper

62 100

64 33.5 22.2 41.2



#12

1,1-Dichloroethene

Concen: 0.232 ug/L

RT: 3.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VR026333.D

Acq: 15 Feb 2019 16:50

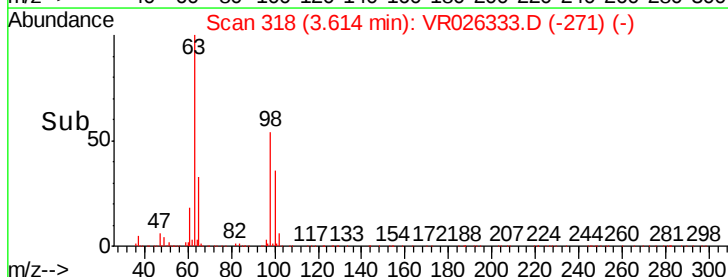
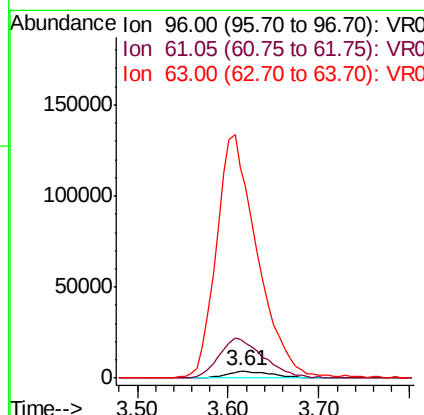
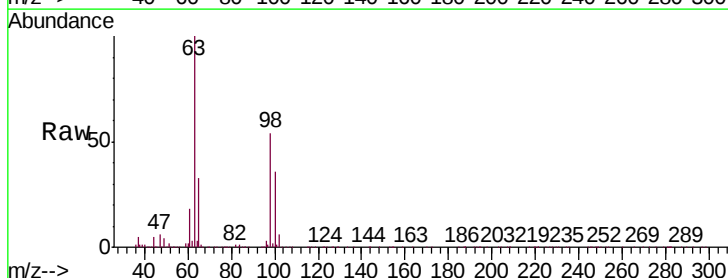
Tgt Ion: 96 Resp: 13639

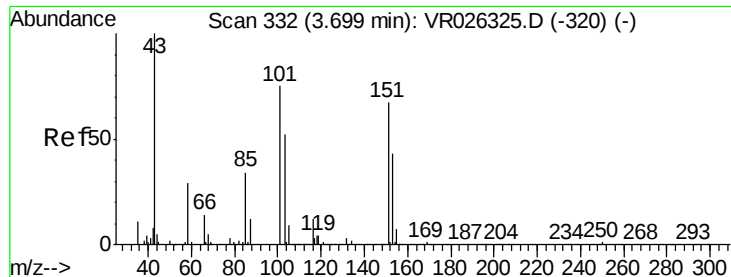
Ion Ratio Lower Upper

96 100

61 545.2 126.0 234.0#

63 2950.7 99.7 185.1#





#13

Acetone

Concen: 2.117 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026333.D

Acq: 15 Feb 2019 16:50

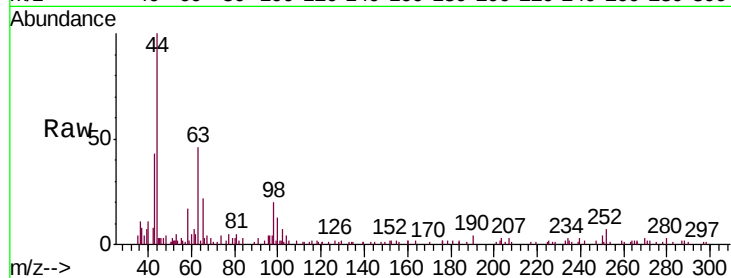
Instrument :
MSVOA_R
ClientSampled :
ESXF4

Tgt Ion: 43 Resp: 7996

Ion Ratio Lower Upper

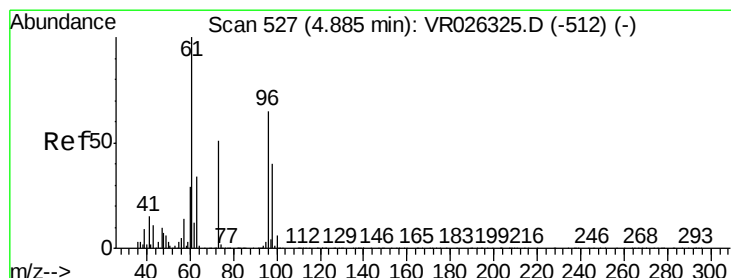
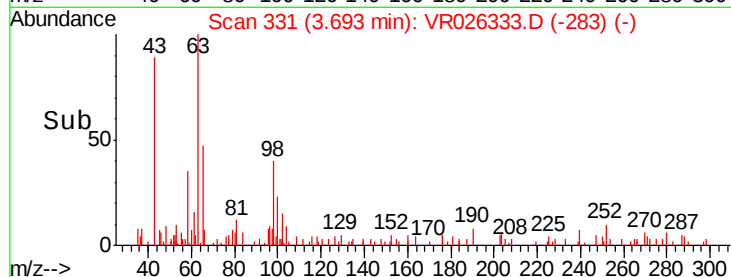
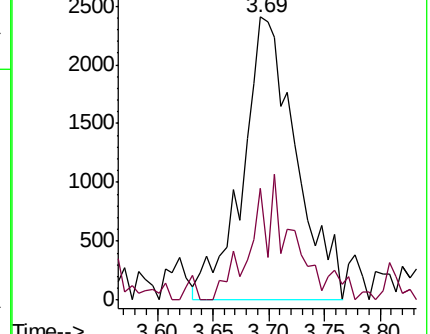
43 100

58 14.3 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#18

trans-1,2-Dichloroethene

Concen: 2.097 ug/L

RT: 4.89 min Scan# 528

Delta R.T. 0.01 min

Lab File: VR026333.D

Acq: 15 Feb 2019 16:50

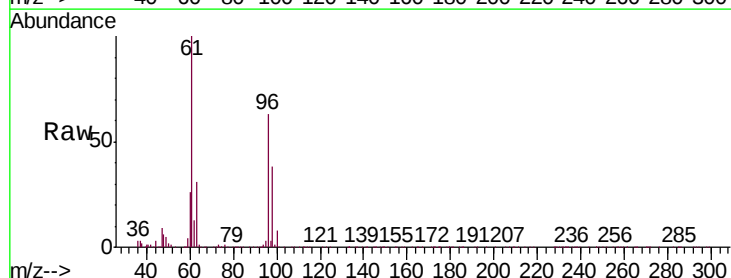
Tgt Ion: 96 Resp: 112018

Ion Ratio Lower Upper

96 100

61 158.9 102.5 190.3

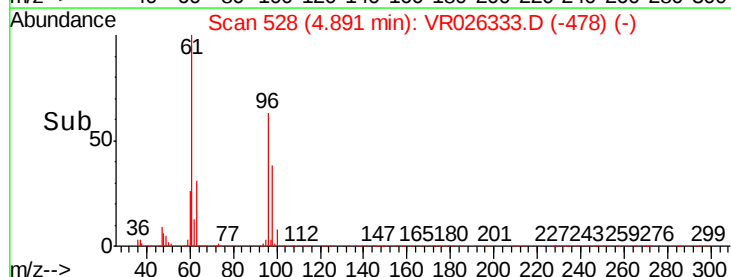
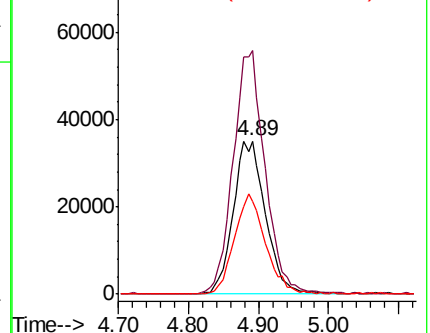
98 60.6 43.9 81.5

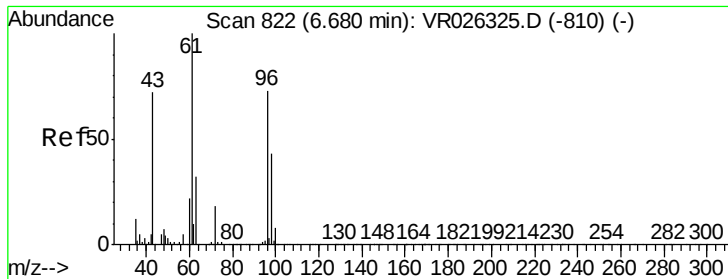


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



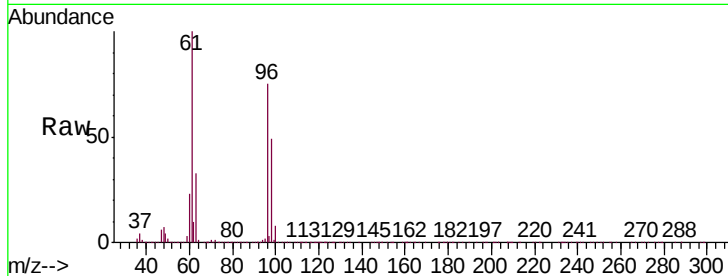


#22

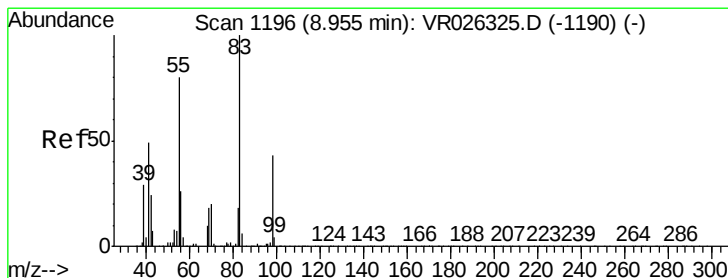
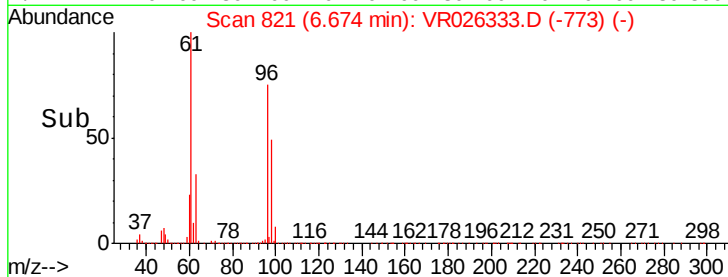
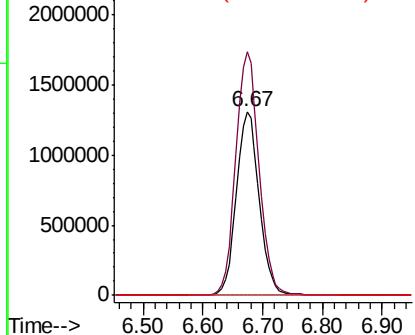
cis-1,2-Dichloroethene
Concen: 80.675 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026333.D
Acq: 15 Feb 2019 16:50

Instrument :
MSVOA_R
ClientSampleId :
ESXF4

Tgt Ion: 96 Resp: 3476132
Ion Ratio Lower Upper
96 100
61 132.6 103.3 191.9
68 0.0 0.1 0.3#



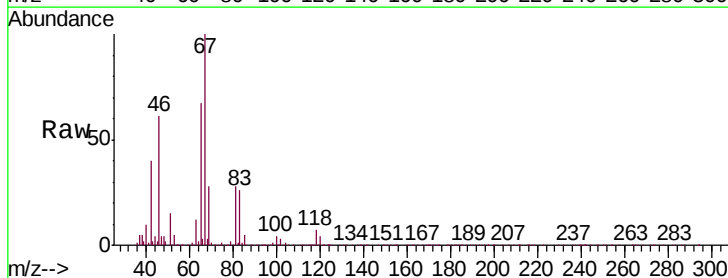
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



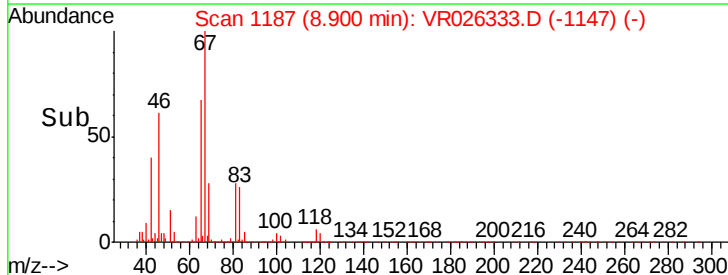
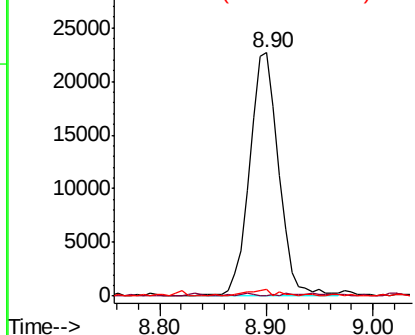
#35

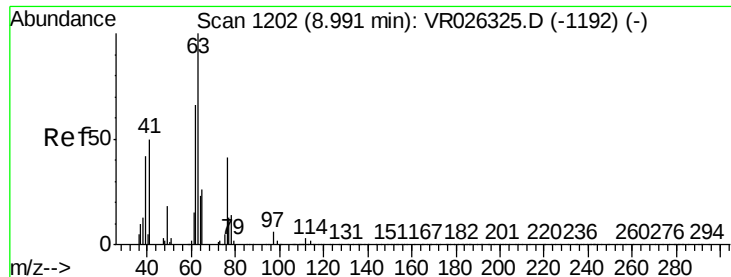
Methylcyclohexane
Concen: 0.624 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026333.D
Acq: 15 Feb 2019 16:50

Tgt Ion: 83 Resp: 43772
Ion Ratio Lower Upper
83 100
55 0.8 68.8 103.2#
98 2.8 36.3 54.5#



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

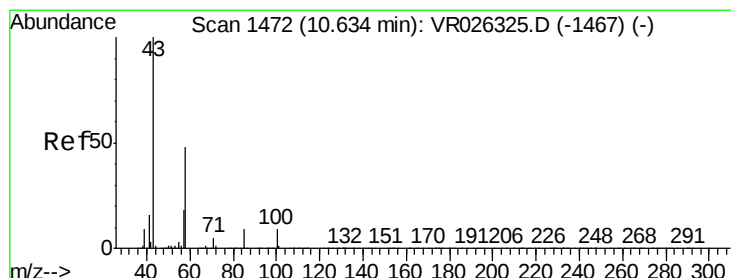
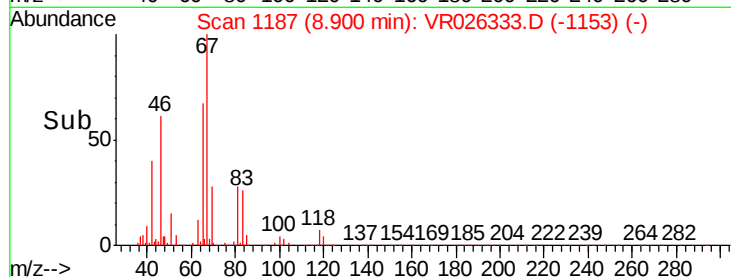
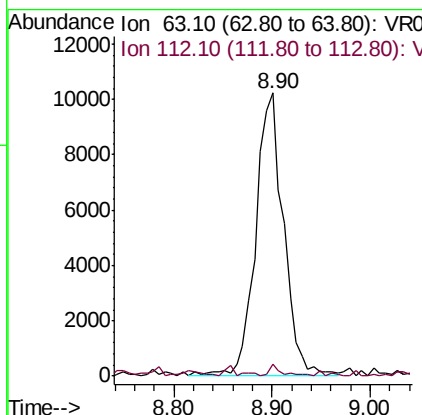
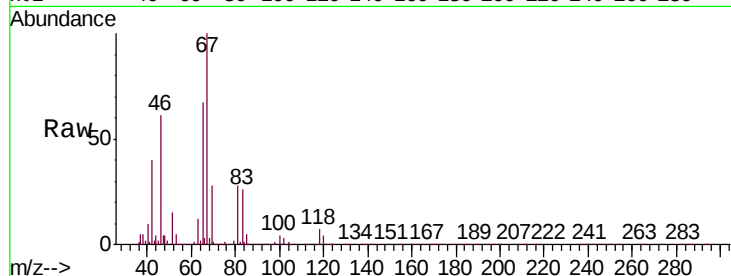




#37
 1,2-Dichloropropane
 Concen: 0.481 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026333.D
 Acq: 15 Feb 2019 16:50

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF4

Tgt Ion: 63 Resp: 20290
 Ion Ratio Lower Upper
 63 100
 112 1.8 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.934 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026333.D
 Acq: 15 Feb 2019 16:50

Tgt Ion: 43 Resp: 19201
 Ion Ratio Lower Upper
 43 100
 58 29.6 41.2 61.8#
 57 30.1 13.8 20.8#
 100 4.7 7.8 11.6#

