

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025591.D
 Acq On : 8 Aug 2018 12:48
 Operator : SY/MD
 Sample : J4358-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	572286	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	486728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	174762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	170153	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	2.64	69	129717	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	3.63	63	309373	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	6.61	46	150974	51.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	7.21	84	274178	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	7.90	65	97560	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	7.86	84	619914	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	162615	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	589186	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	10.24	79	37519	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	10.59	63	151034	53.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75808	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	152639	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

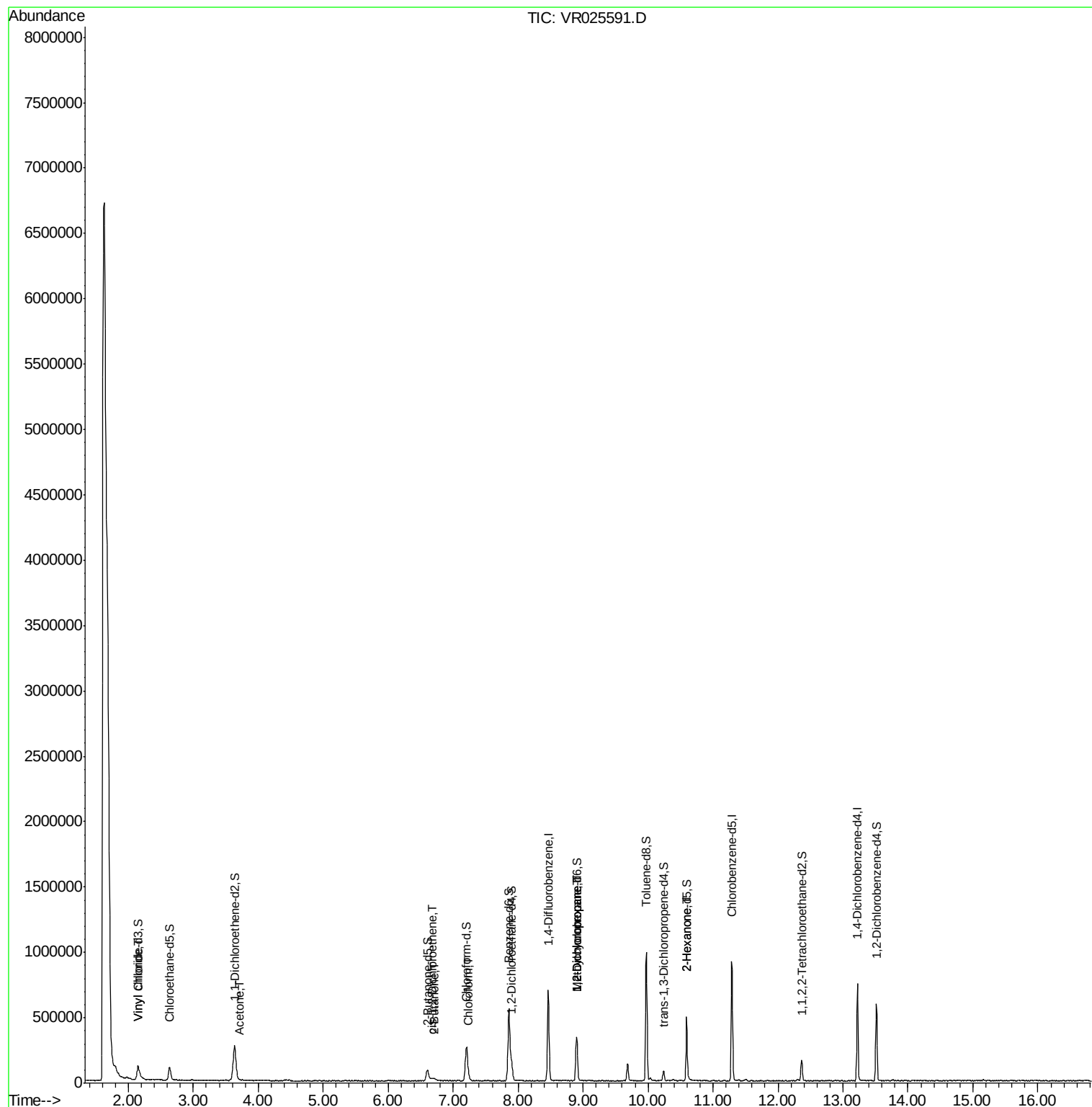
					Ovalue
5) Vinyl chloride	2.15	62	19100	0.442 ug/L	94
13) Acetone	3.71	43	2205	0.895 ug/L	50
21) 2-Butanone	6.71	43	1202	0.351 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	9416	0.263 ug/L #	66
25) Chloroform	7.24	83	22661	0.400 ug/L	88
35) Methylcyclohexane	8.90	83	39477	0.702 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	16508	0.522 ug/L	99
48) 2-Hexanone	10.59	43	18988	3.157 ug/L #	72

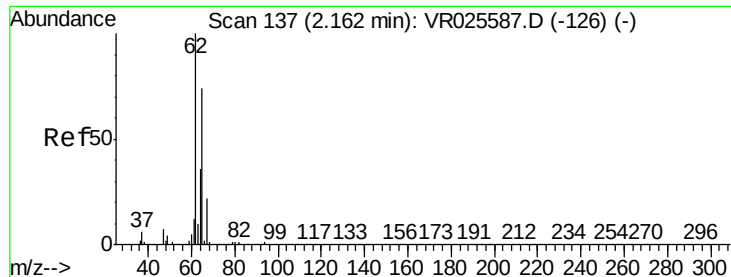
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.442 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025591.D

Acq: 8 Aug 2018 12:48

Instrument :

MSVOA_R

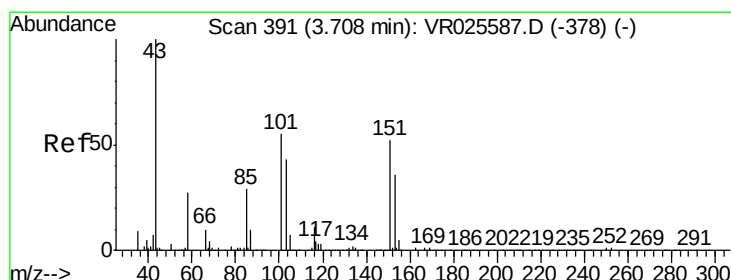
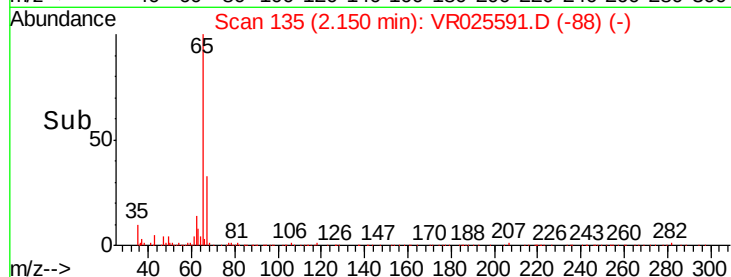
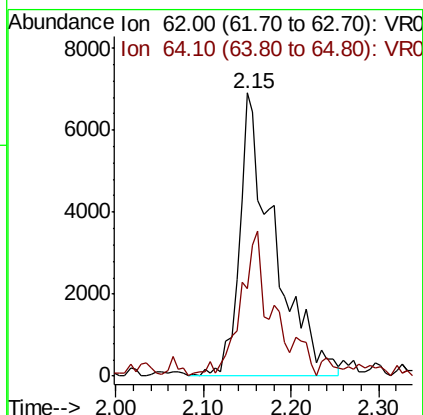
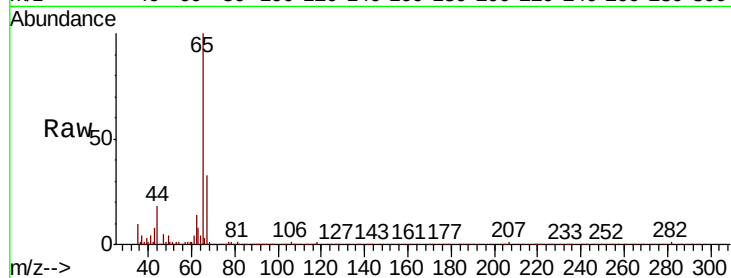
ClientSampleId :

Tot Ion: 62 Resp: 19100

Ion Ratio Lower Upper

62 100

64 31.1 24.1 44.8



#13

Acetone

Concen: 0.895 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025591.D

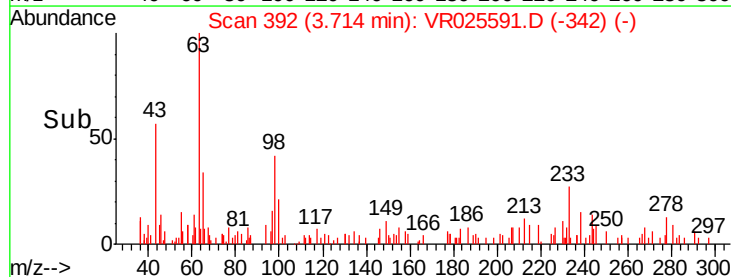
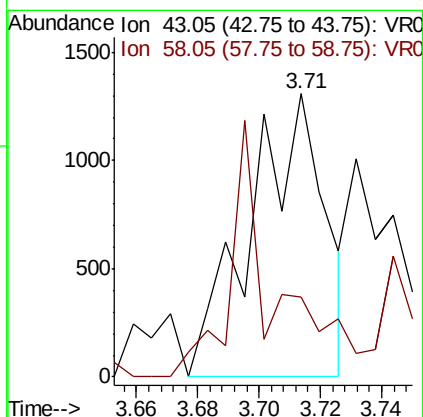
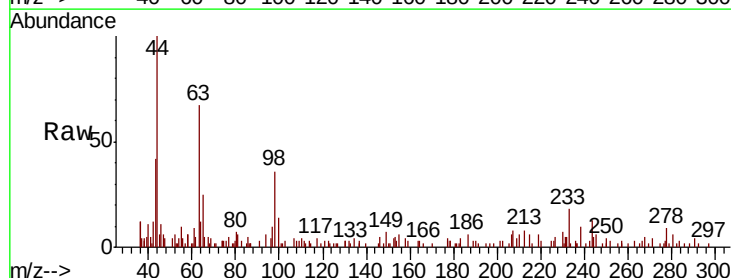
Acq: 8 Aug 2018 12:48

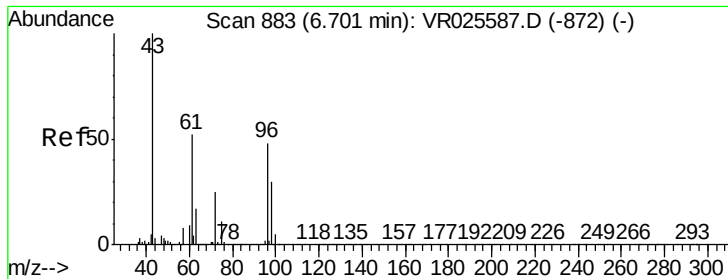
Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 52.5 0.0 53.4





#21

2-Butanone

Concen: 0.351 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.01 min

Lab File: VR025591.D

Acq: 8 Aug 2018 12:48

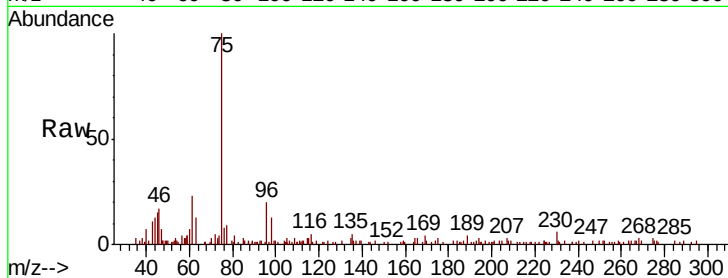
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 1202

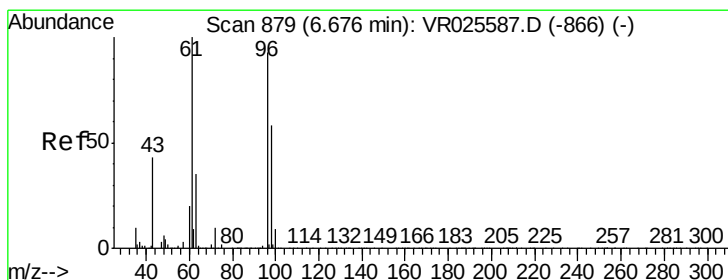
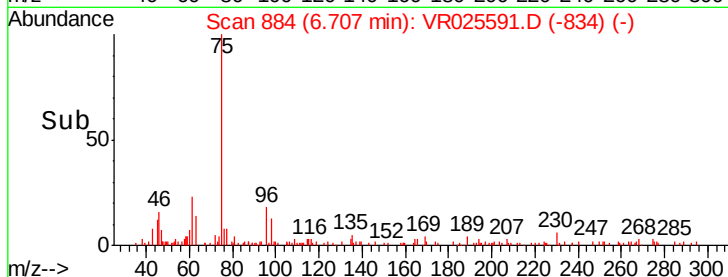
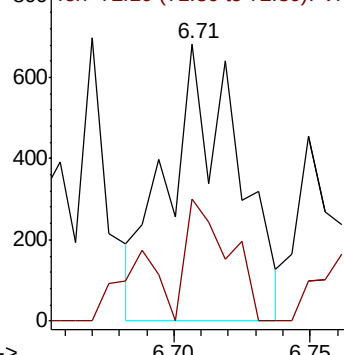
Ion Ratio Lower Upper

43 100

72 27.1 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.263 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025591.D

Acq: 8 Aug 2018 12:48

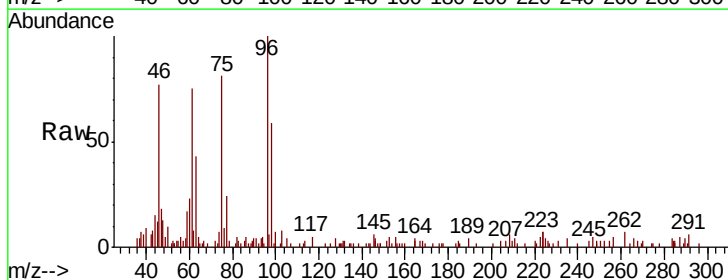
Tgt Ion: 96 Resp: 9416

Ion Ratio Lower Upper

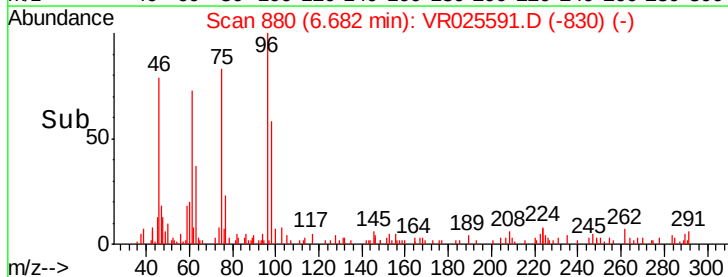
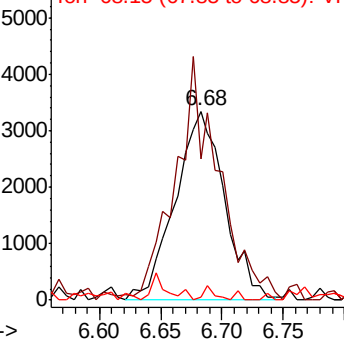
96 100

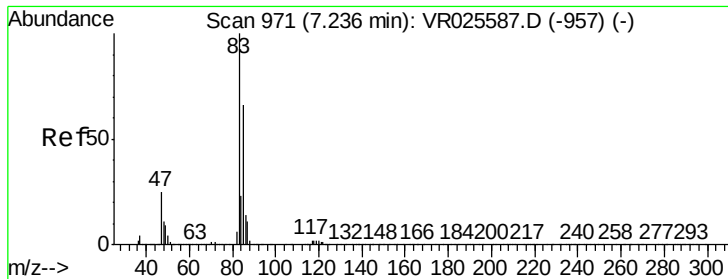
61 74.7 77.7 144.3#

68 1.7 0.0 0.0#



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

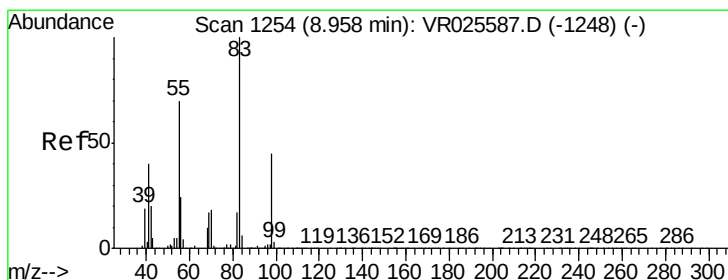
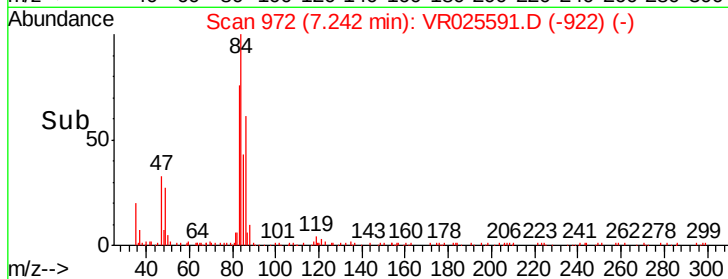
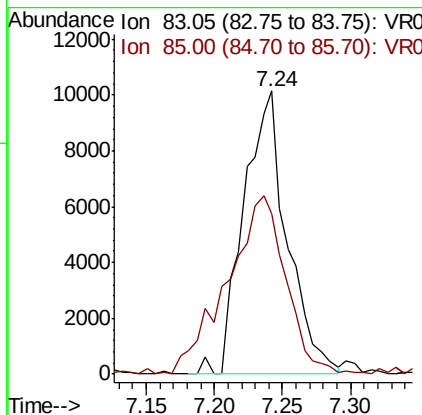
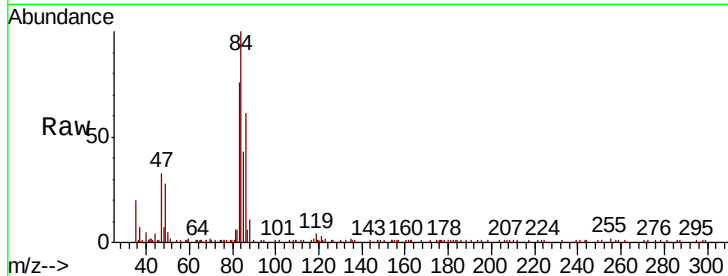




#25
Chloroform
Concen: 0.400 ug/L
RT: 7.24 min Scan# 972
Delta R.T. 0.01 min
Lab File: VR025591.D
Acq: 8 Aug 2018 12:48

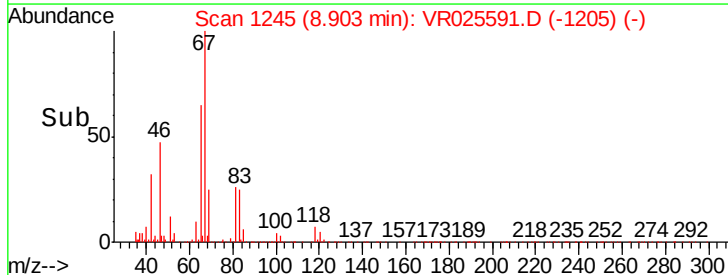
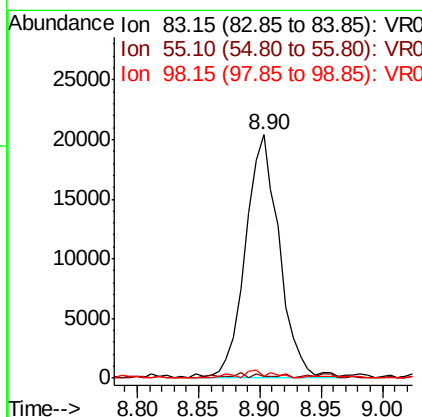
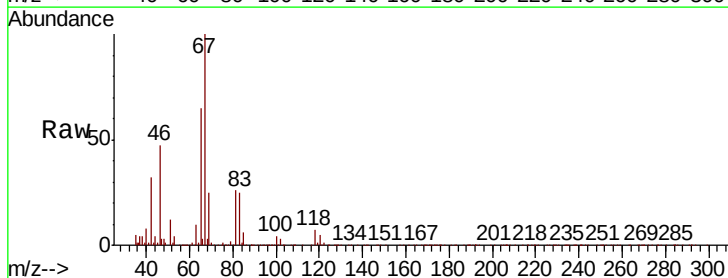
Instrument :
MSVOA_R
ClientSampled :

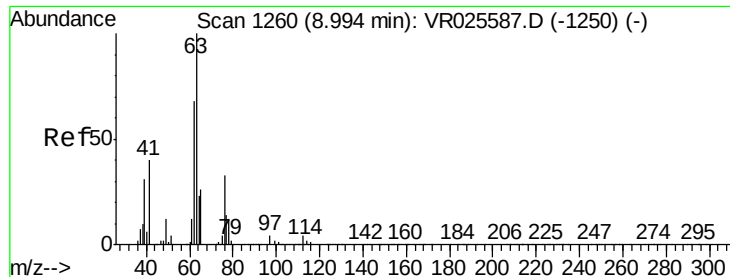
Tot Ion: 83 Resp: 22661
Ion Ratio Lower Upper
83 100
85 56.7 46.5 86.3



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025591.D
Acq: 8 Aug 2018 12:48

Tgt Ion: 83 Resp: 39477
Ion Ratio Lower Upper
83 100
55 1.0 58.3 87.5#
98 3.0 37.8 56.6#

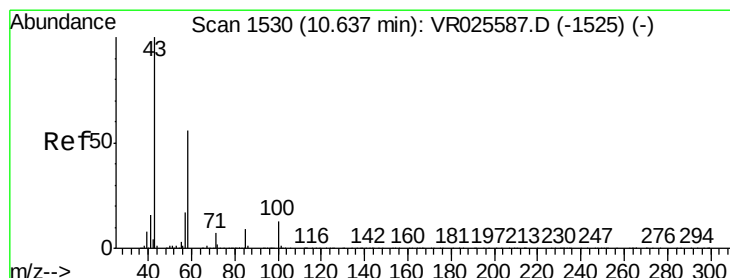
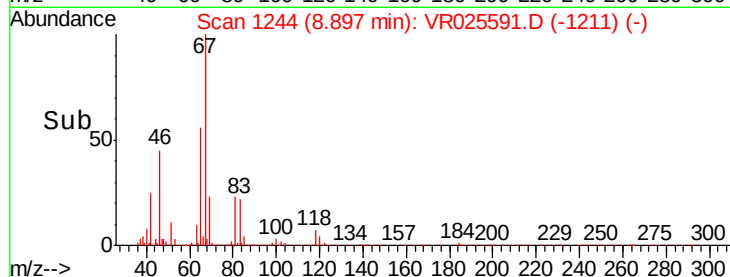
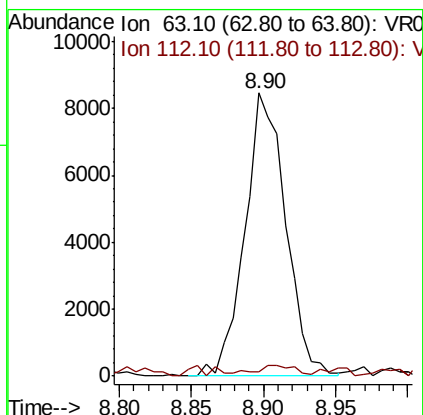
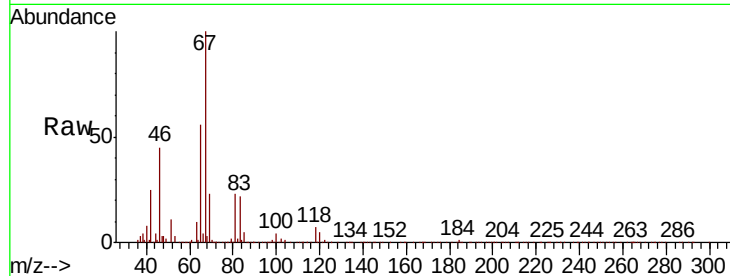




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025591.D
 Acq: 8 Aug 2018 12:48

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion: 63 Resp: 16508
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.3 4.9



#48
 2-Hexanone
 Concen: 3.157 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025591.D
 Acq: 8 Aug 2018 12:48

Tgt Ion: 43 Resp: 18988
 Ion Ratio Lower Upper
 43 100
 58 31.1 45.0 67.6#
 57 29.6 15.8 23.6#
 100 7.6 9.3 13.9#

