

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025581.D
 Acq On : 7 Aug 2018 17:44
 Operator : SY/MD
 Sample : J4358-15
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX6

Quant Time: Aug 08 02:02:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	526433	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	181642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	118021	3.62	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	2.64	69	104154	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	3.64	63	208315	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	6.60	46	137210	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	7.21	84	234829	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	7.89	65	86724	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	7.86	84	531379	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	8.90	67	152984	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	9.97	98	489616	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	10.24	79	34728	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	10.59	63	172334	63.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85146	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	159320	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

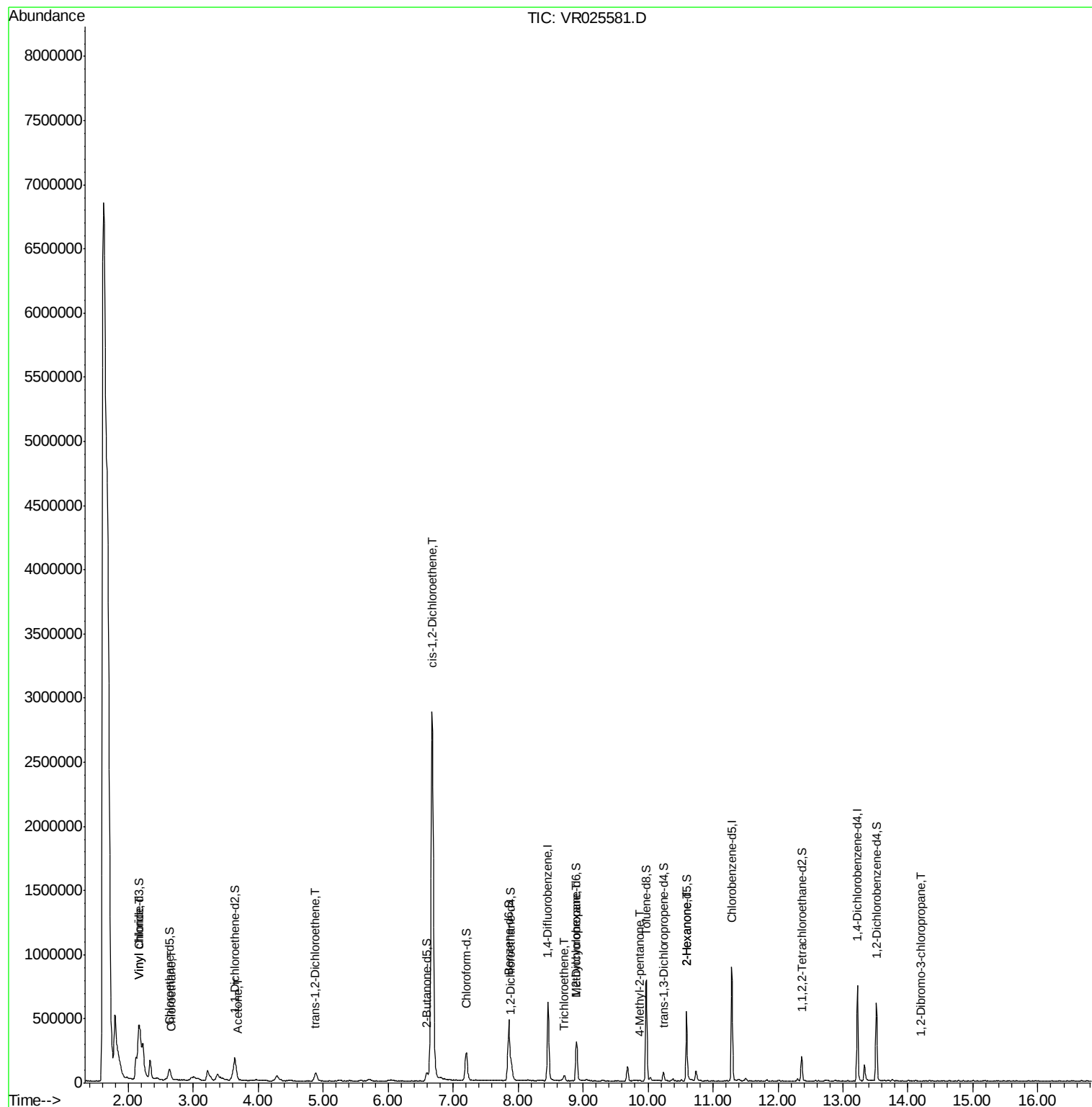
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	2.17	62	974114	24.490	ug/L	97
8) Chloroethane	2.67	64	6684	0.303	ug/L	86
13) Acetone	3.70	43	1937	0.855	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	41697	1.158	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	1880294	57.166	ug/L #	95
34) Trichloroethene	8.71	95	14582	0.404	ug/L	94
35) Methylcyclohexane	8.90	83	34034	0.627	ug/L #	22
40) 4-Methyl-2-pentanone	9.86	43	2195	0.255	ug/L #	87
48) 2-Hexanone	10.59	43	19697	3.395	ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.20	75	343	0.246	ug/L	92

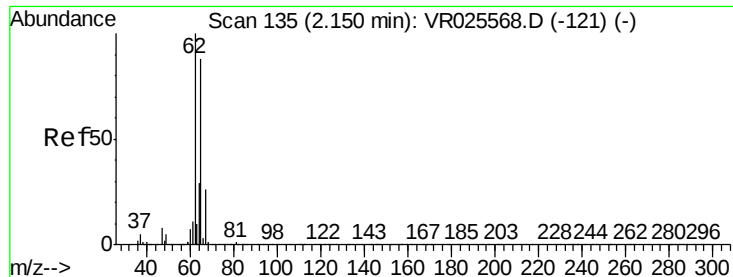
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.490 ug/L

RT: 2.17 min Scan# 138

Delta R.T. 0.01 min

Lab File: VR025581.D

Acq: 7 Aug 2018 17:44

Instrument :

MSVOA_R

ClientSampleId :

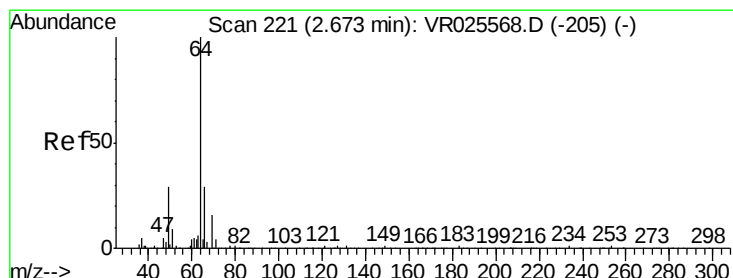
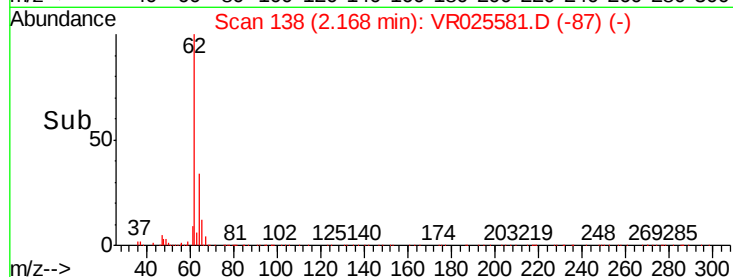
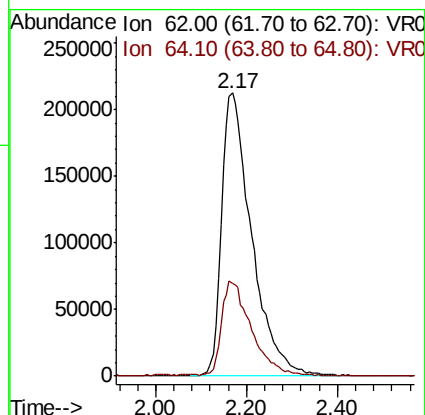
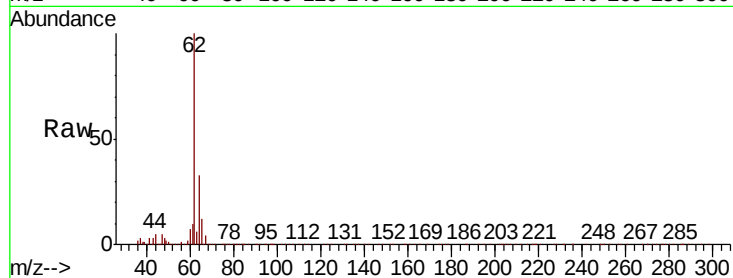
ESWX6

Tgt Ion: 62 Resp: 974114

Ion Ratio Lower Upper

62 100

64 32.9 24.1 44.8



#8

Chloroethane

Concen: 0.303 ug/L

RT: 2.67 min Scan# 220

Delta R.T. 0.01 min

Lab File: VR025581.D

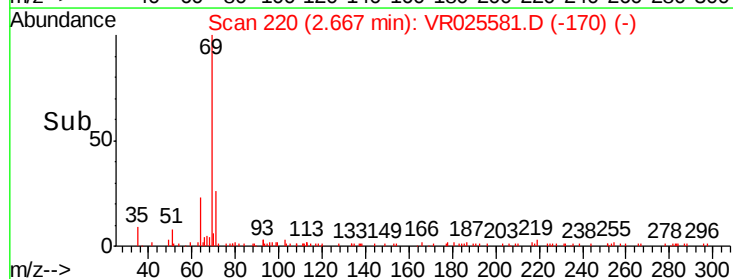
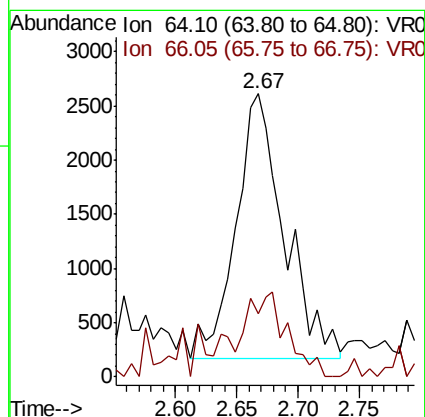
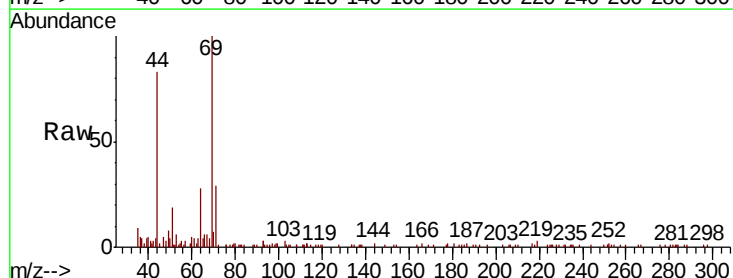
Acq: 7 Aug 2018 17:44

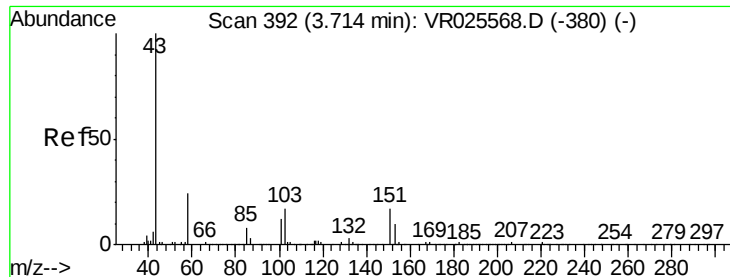
Tgt Ion: 64 Resp: 6684

Ion Ratio Lower Upper

64 100

66 22.2 20.9 38.9





#13

Acetone

Concen: 0.855 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.02 min

Lab File: VR025581.D

Acq: 7 Aug 2018 17:44

Instrument :

MSVOA_R

ClientSampleId :

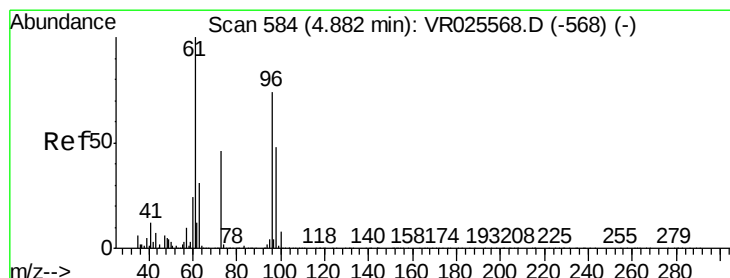
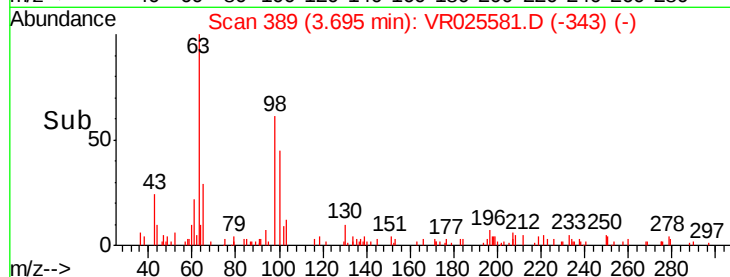
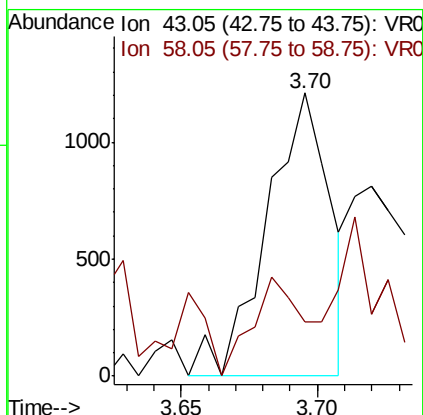
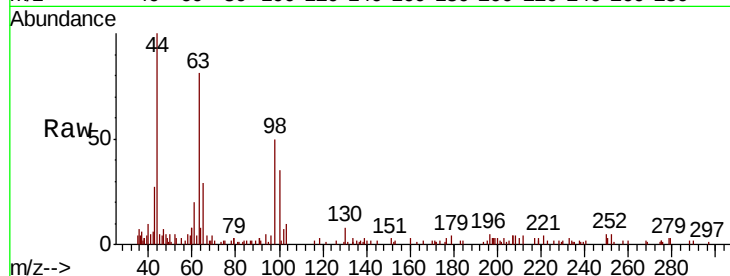
ESWX6

Tgt Ion: 43 Resp: 1937

Ion Ratio Lower Upper

43 100

58 25.9 0.0 53.4



#18

trans-1,2-Dichloroethene

Concen: 1.158 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025581.D

Acq: 7 Aug 2018 17:44

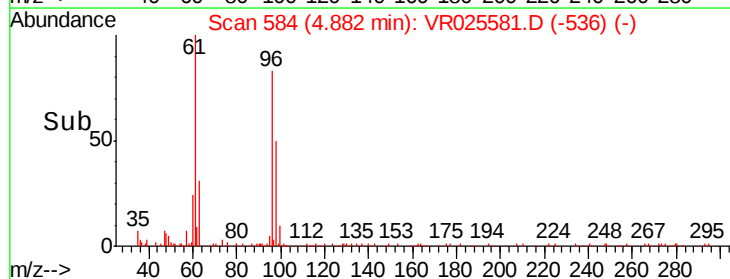
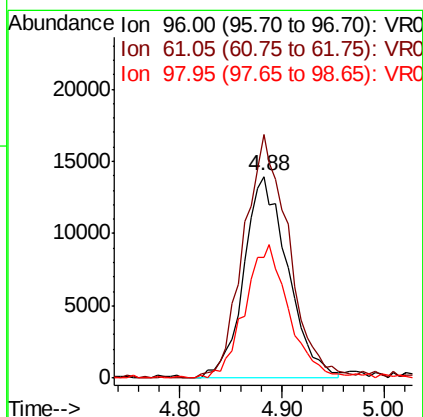
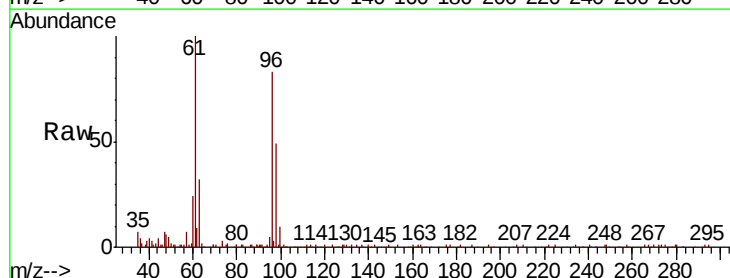
Tgt Ion: 96 Resp: 41697

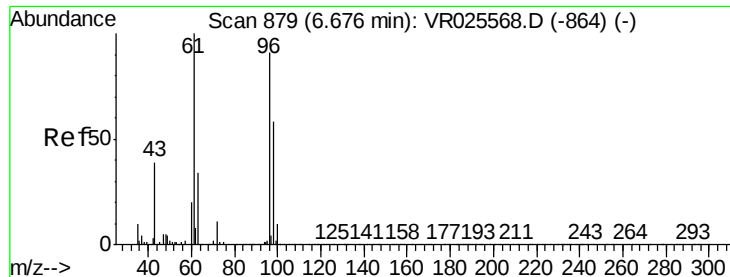
Ion Ratio Lower Upper

96 100

61 120.7 85.5 158.9

98 59.6 42.1 78.1



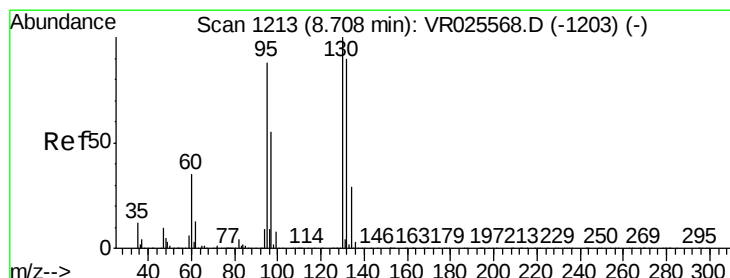
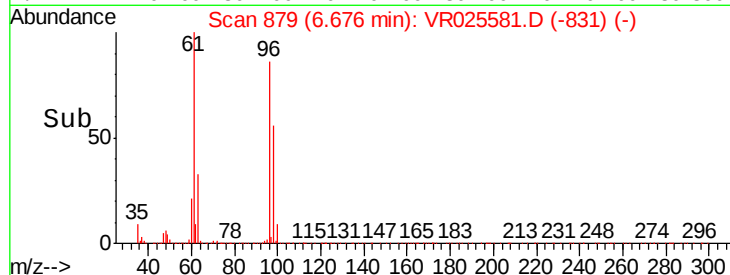
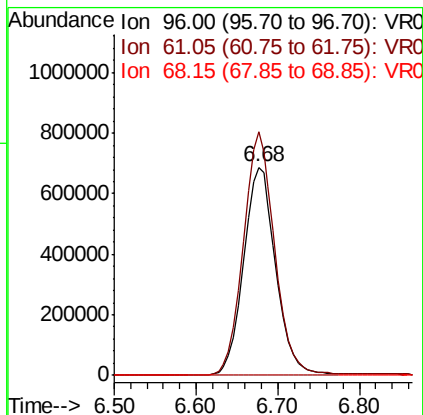
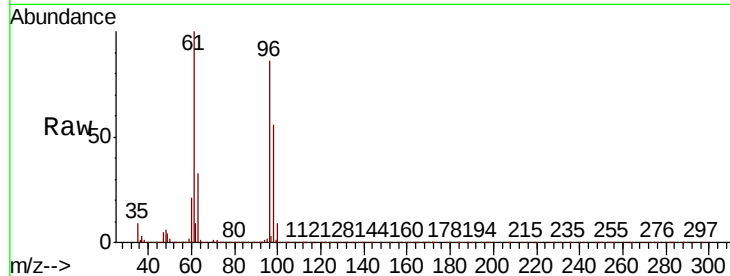


#22

cis-1,2-Dichloroethene
Concen: 57.166 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025581.D
Acq: 7 Aug 2018 17:44

Instrument :
MSVOA_R
ClientSampleId :
ESWX6

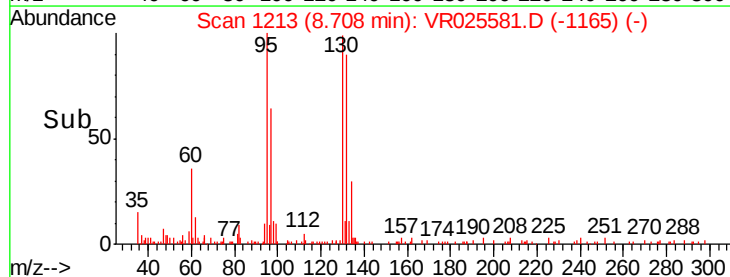
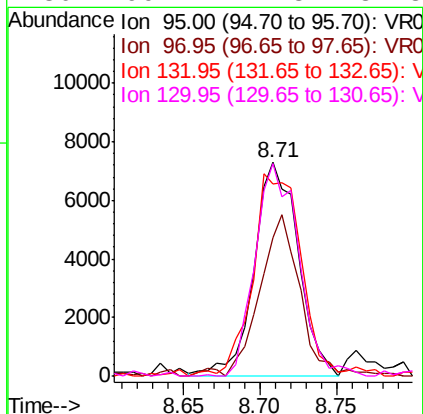
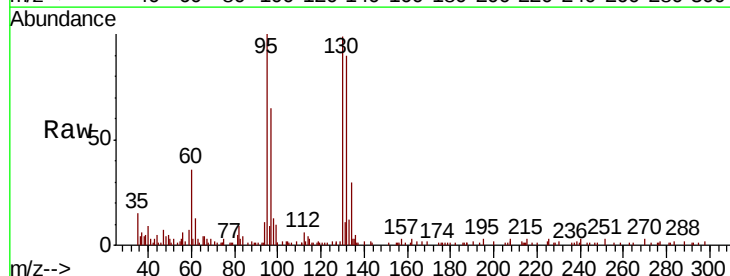
Tgt Ion: 96 Resp: 1880294
Ion Ratio Lower Upper
96 100
61 116.8 77.7 144.3
68 0.0 0.0 0.0#

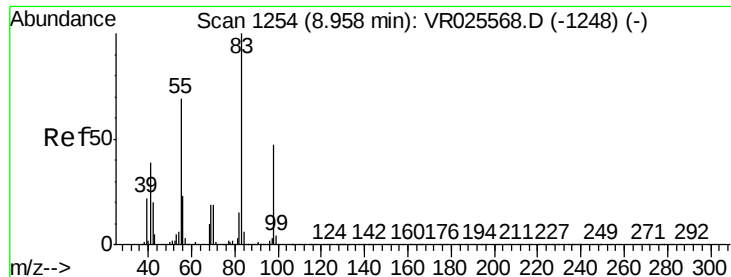


#34

Trichloroethene
Concen: 0.404 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. -0.01 min
Lab File: VR025581.D
Acq: 7 Aug 2018 17:44

Tgt Ion: 95 Resp: 14582
Ion Ratio Lower Upper
95 100
97 64.9 46.7 86.7
132 90.0 71.7 133.1
130 99.4 71.3 132.3

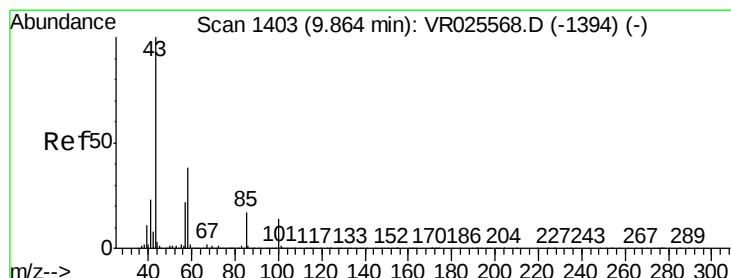
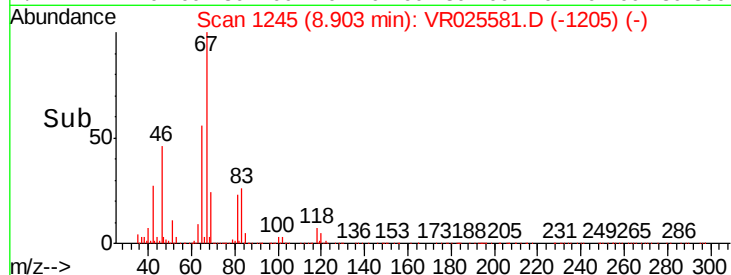
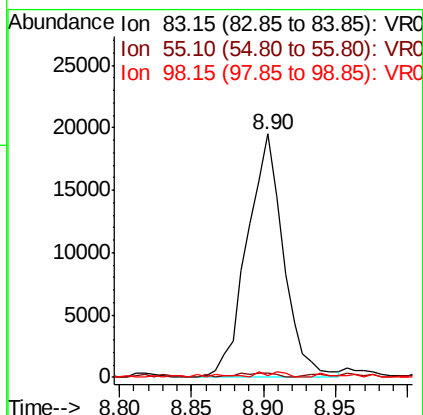
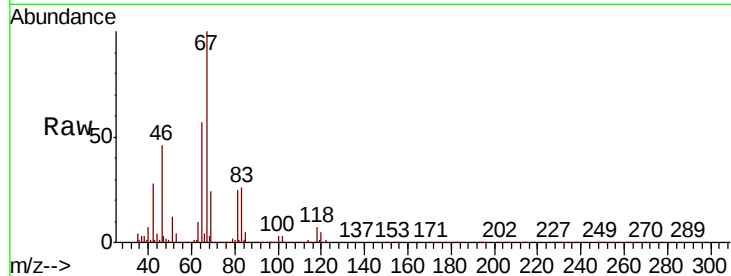




#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025581.D
Acq: 7 Aug 2018 17:44

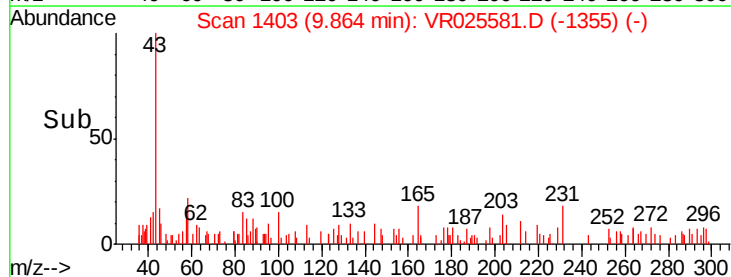
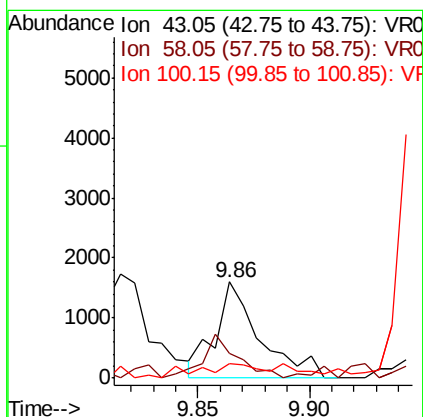
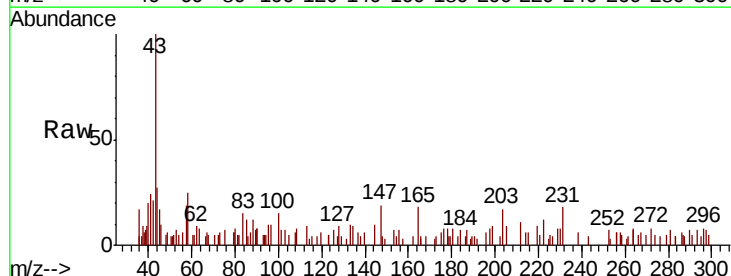
Instrument :
MSVOA_R
ClientSampled :
ESWX6

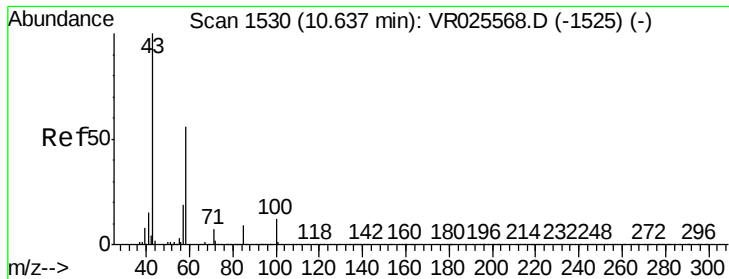
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.8	58.3	87.5#
98	1.5	37.8	56.6#



#40
4-Methyl-2-pentanone
Concen: 0.255 ug/L
RT: 9.86 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VR025581.D
Acq: 7 Aug 2018 17:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	31.0	46.6
100	0.0	11.9	17.9#





#48

2-Hexanone

Concen: 3.395 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025581.D

Acq: 7 Aug 2018 17:44

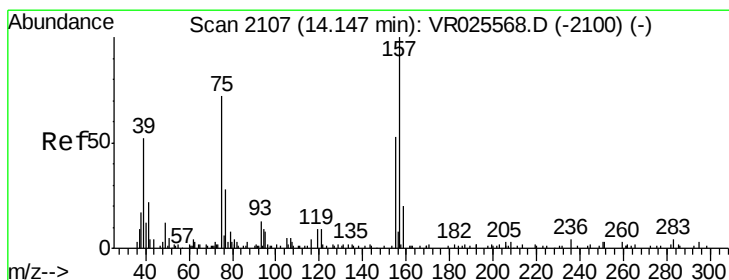
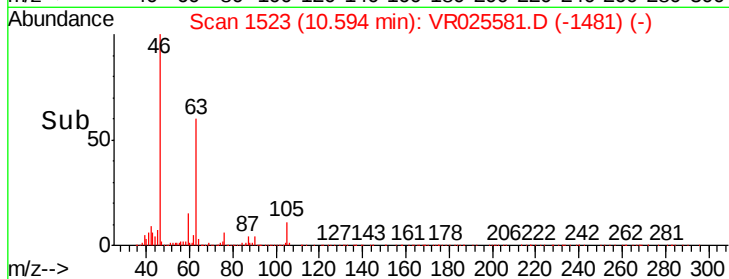
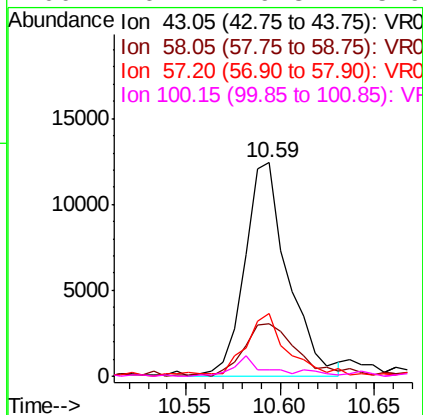
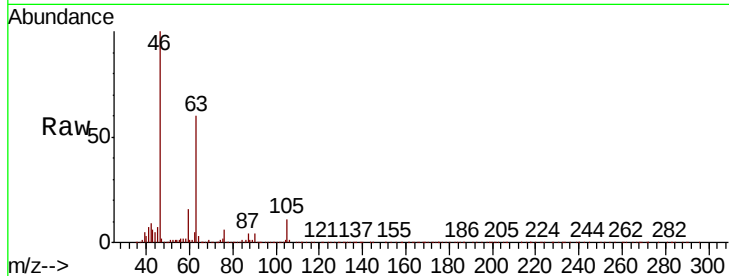
Instrument :

MSVOA_R

ClientSampleId :

ESWX6

Tgt Ion:	43	Resp:	19697
Ion	Ratio	Lower	Upper
43	100		
58	30.2	45.0	67.6#
57	27.2	15.8	23.6#
100	6.2	9.3	13.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.246 ug/L

RT: 14.20 min Scan# 2115

Delta R.T. 0.05 min

Lab File: VR025581.D

Acq: 7 Aug 2018 17:44

Tgt Ion:	75	Resp:	343
Ion	Ratio	Lower	Upper
75	100		
155	83.2	62.3	93.5
157	75.4	67.7	101.5

