

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025607.D
 Acq On : 9 Aug 2018 15:24
 Operator : SY/MD
 Sample : J4358-08DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8DL

Quant Time: Aug 10 07:21:07 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	8.47	114	532050	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	453587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	154632	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	156635	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.62	69	125960	4.85	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.63	63	300028	3.94	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	6.60	46	197196	72.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.74%#
24) Chloroform-d	7.21	84	299690	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	7.90	65	109026	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	7.86	84	670140	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	8.90	67	177066	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	9.97	98	604563	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	10.24	79	38671	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	177648	68.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.12%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79295	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	153579	6.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.00%#

Target Compounds

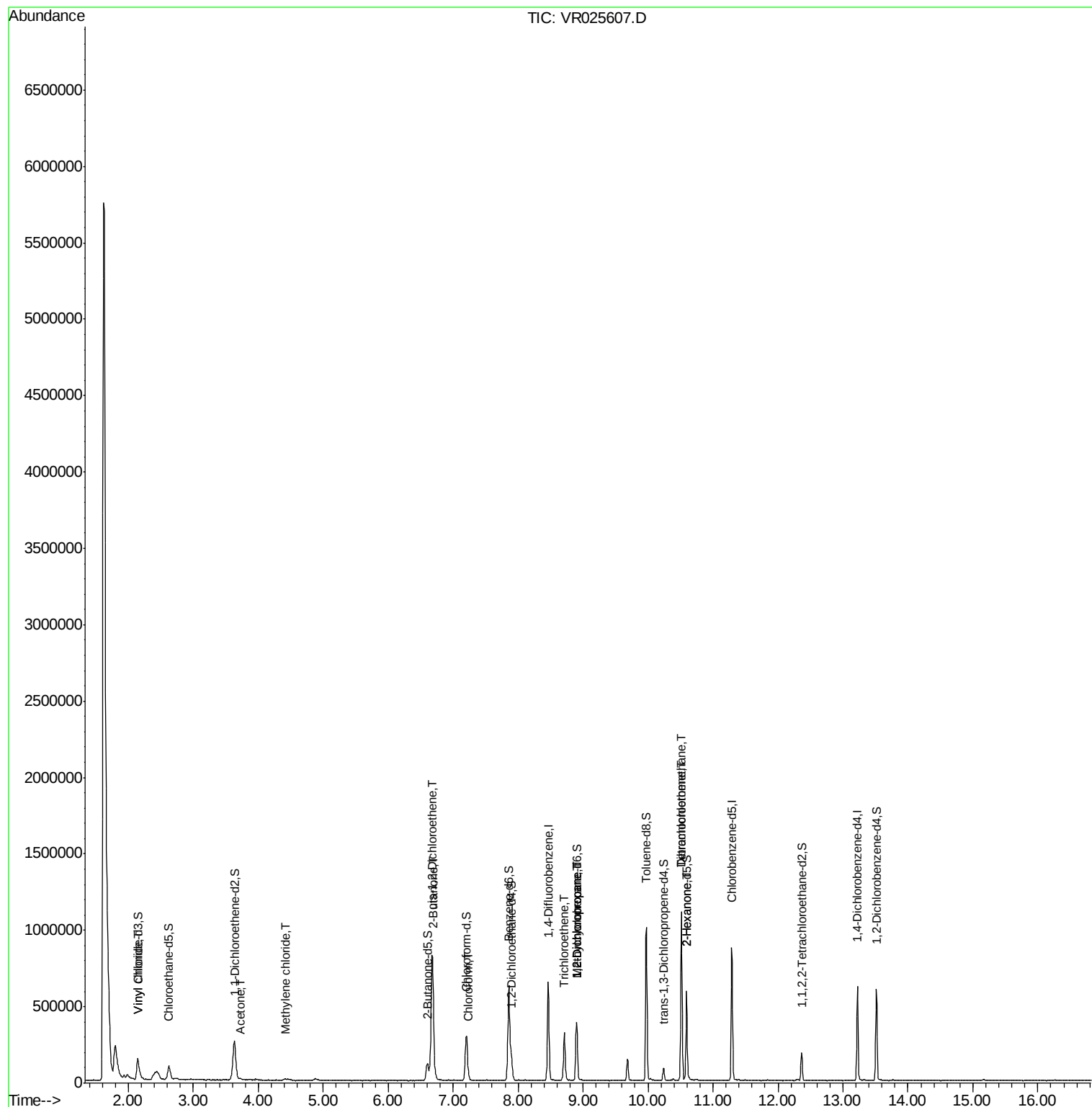
					Qvalue
5) Vinyl chloride	2.15	62	54401	1.353	ug/L 95
13) Acetone	3.71	43	9831	4.292	ug/L 83
16) Methylene chloride	4.41	84	7924	0.247	ug/L 88
21) 2-Butanone	6.69	43	1586	0.498	ug/L # 1
22) cis-1,2-Dichloroethene	6.68	96	547172	16.460	ug/L # 95
25) Chloroform	7.24	83	11641	0.221	ug/L 78
34) Trichloroethene	8.71	95	104329	2.994	ug/L 92
35) Methylcyclohexane	8.90	83	42133	0.804	ug/L # 20
37) 1,2-Dichloropropane	8.90	63	17700	0.600	ug/L 98
47) Tetrachloroethene	10.52	164	249576	8.370	ug/L 97
48) 2-Hexanone	10.59	43	22868	4.080	ug/L # 68
49) Dibromochloromethane	10.52	129	167432	9.662	ug/L # 11

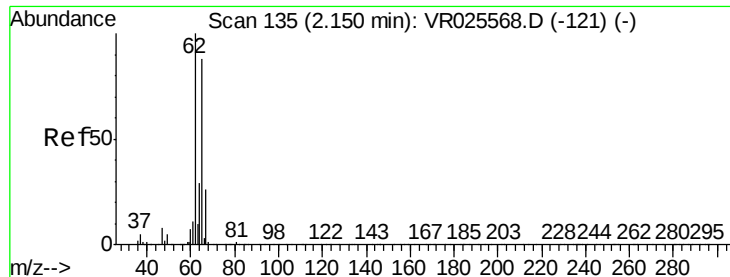
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.353 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025607.D

Acq: 9 Aug 2018 15:24

Instrument :

MSVOA_R

ClientSampleId :

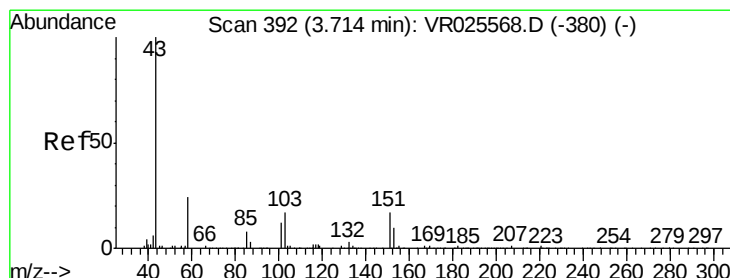
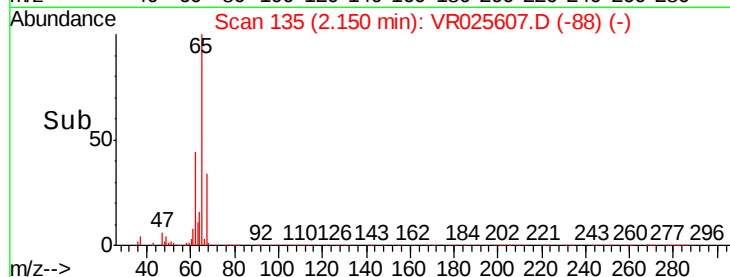
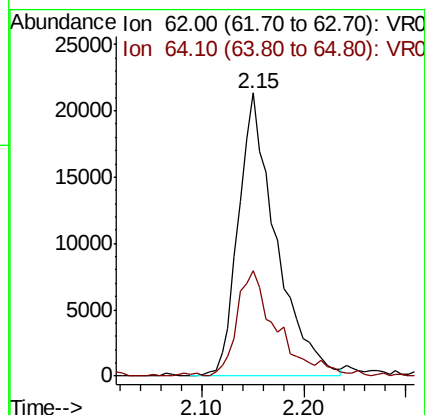
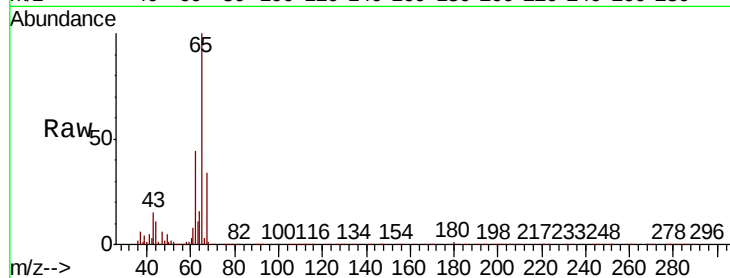
ESWW8DL

Tgt Ion: 62 Resp: 54401

Ion Ratio Lower Upper

62 100

64 37.3 24.1 44.8



#13

Acetone

Concen: 4.292 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025607.D

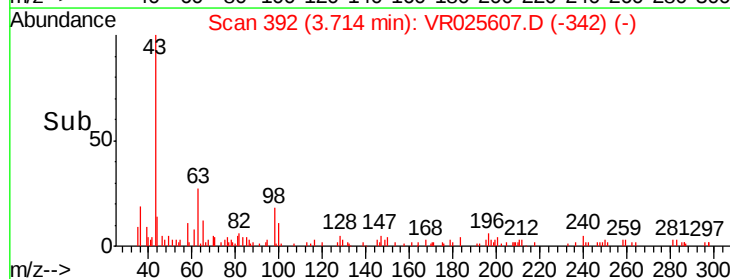
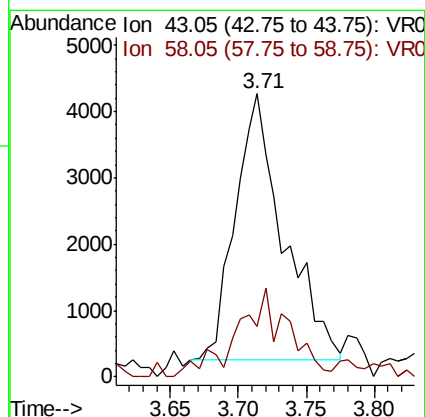
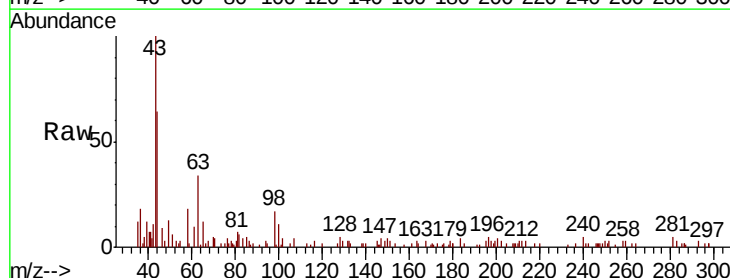
Acq: 9 Aug 2018 15:24

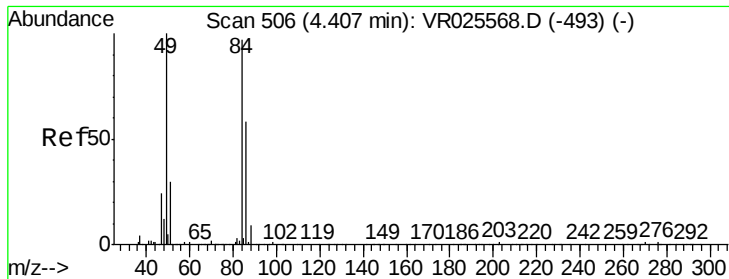
Tgt Ion: 43 Resp: 9831

Ion Ratio Lower Upper

43 100

58 35.3 0.0 53.4

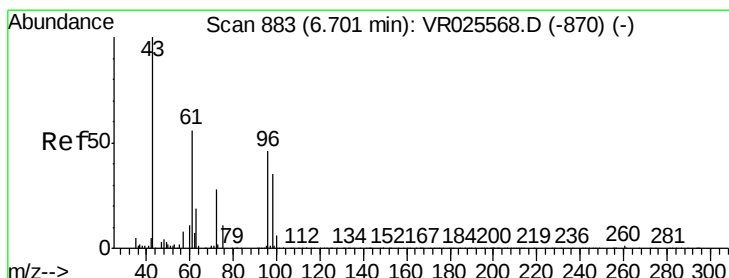
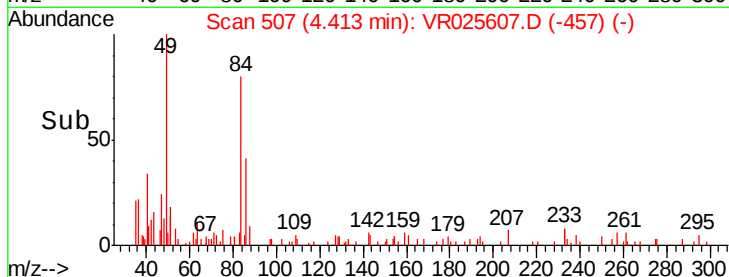
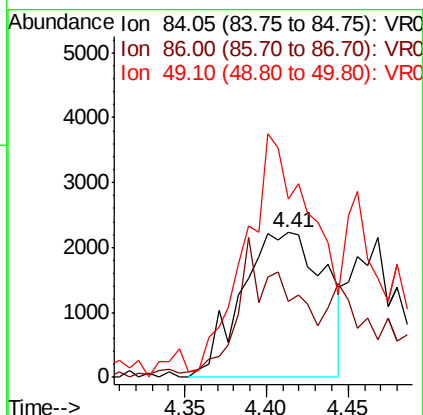
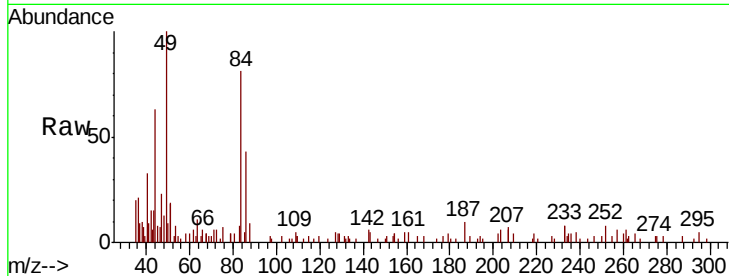




#16
Methylene chloride
Concen: 0.247 ug/L
RT: 4.41 min Scan# 507
Delta R.T. 0.01 min
Lab File: VR025607.D
Acq: 9 Aug 2018 15:24

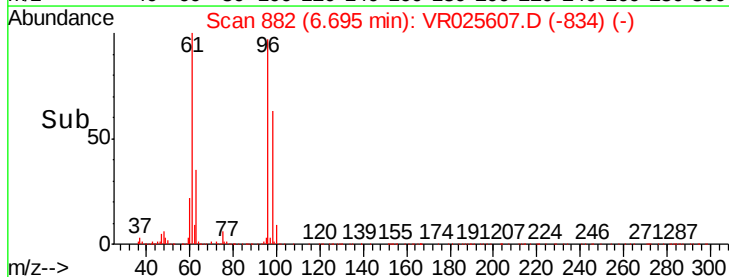
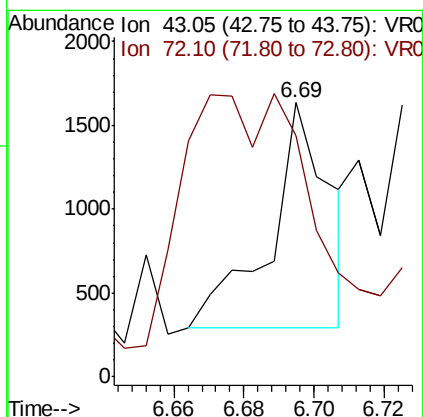
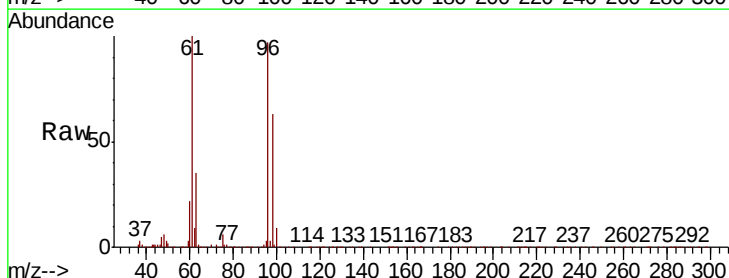
Instrument :
MSVOA_R
ClientSampleId :
ESWW8DL

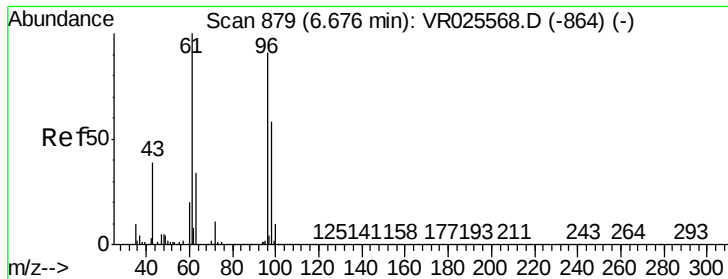
Tgt Ion: 84 Resp: 7924
Ion Ratio Lower Upper
84 100
86 52.7 40.4 75.0
49 123.5 76.2 141.4



#21
2-Butanone
Concen: 0.498 ug/L
RT: 6.69 min Scan# 882
Delta R.T. -0.01 min
Lab File: VR025607.D
Acq: 9 Aug 2018 15:24

Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
72 338.3 13.2 39.6#



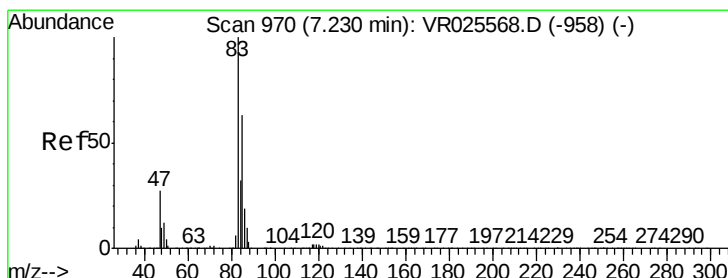
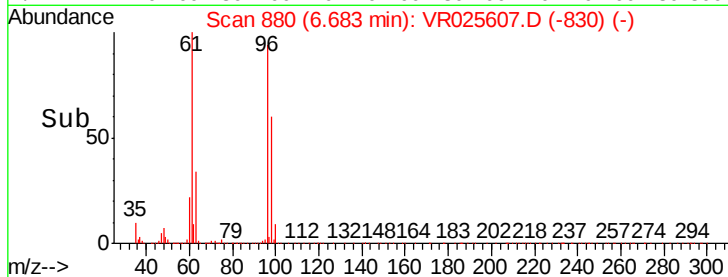
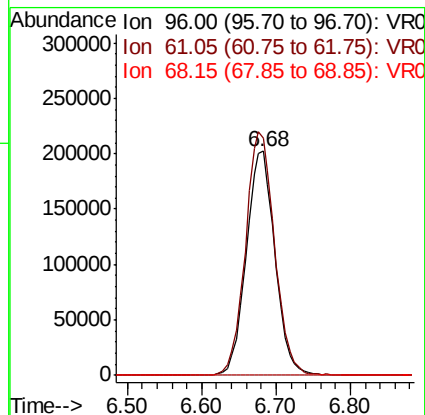
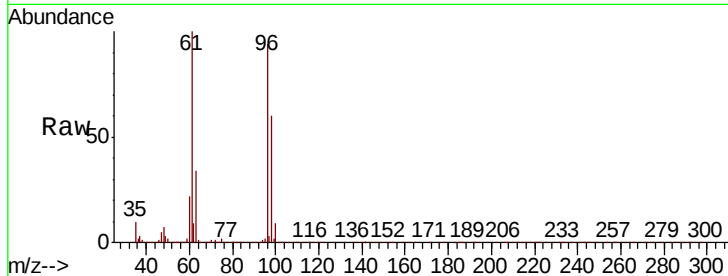


#22

cis-1,2-Dichloroethene
 Concen: 16.460 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025607.D
 Acq: 9 Aug 2018 15:24

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8DL

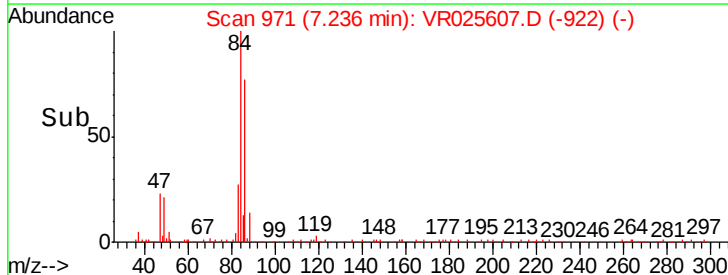
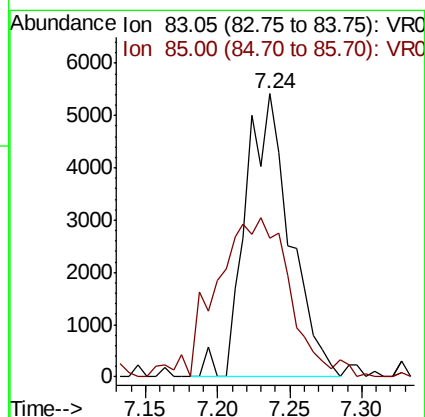
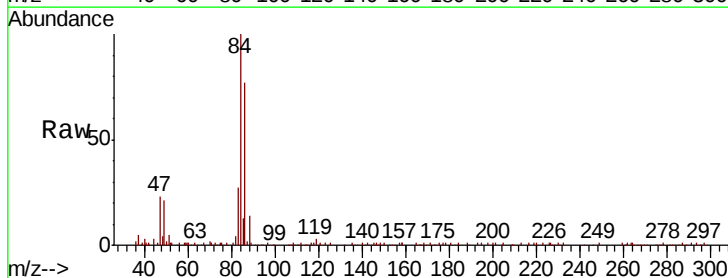
Tgt Ion: 96 Resp: 547172
 Ion Ratio Lower Upper
 96 100
 61 105.8 77.7 144.3
 68 0.0 0.0 0.0#

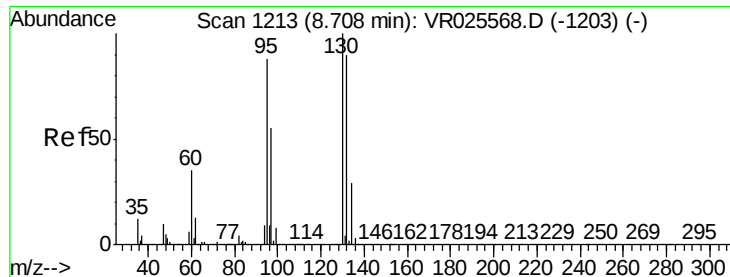


#25

Chloroform
 Concen: 0.221 ug/L
 RT: 7.24 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VR025607.D
 Acq: 9 Aug 2018 15:24

Tgt Ion: 83 Resp: 11641
 Ion Ratio Lower Upper
 83 100
 85 49.2 46.5 86.3





#34

Trichloroethene

Concen: 2.994 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.01 min

Lab File: VR025607.D

Acq: 9 Aug 2018 15:24

Instrument :

MSVOA_R

ClientSampleId :

ESWW8DL

Tgt Ion: 95 Resp: 104329

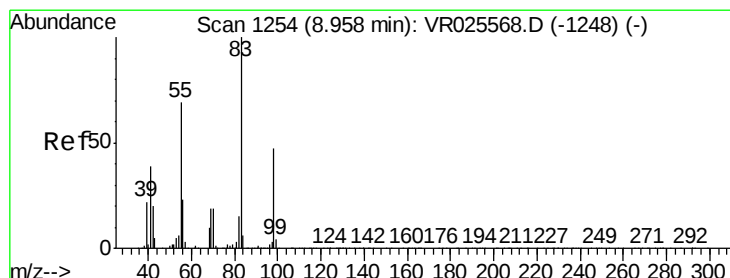
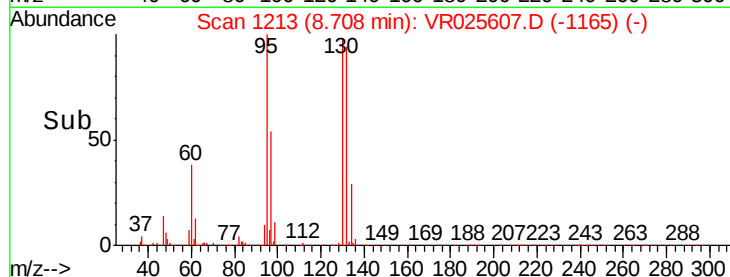
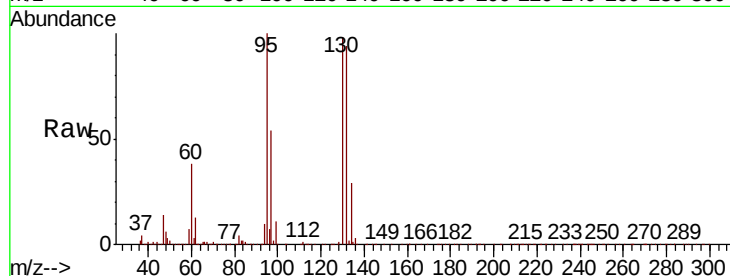
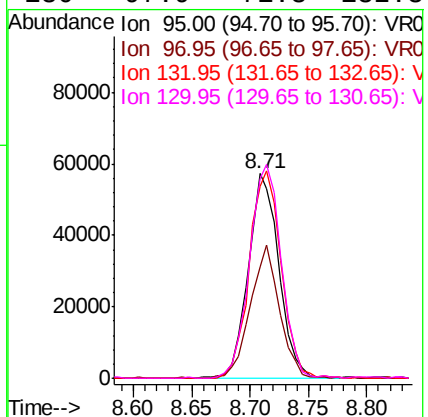
Ion Ratio Lower Upper

95 100

97 54.5 46.7 86.7

132 94.1 71.7 133.1

130 97.9 71.3 132.3



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025607.D

Acq: 9 Aug 2018 15:24

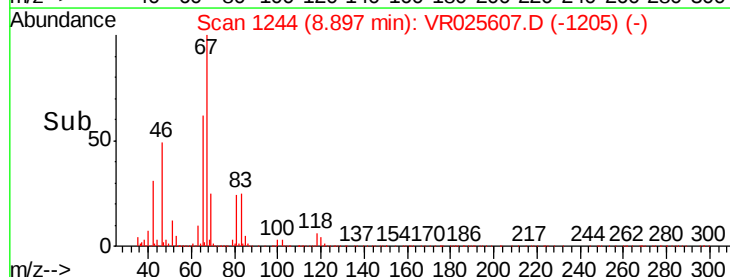
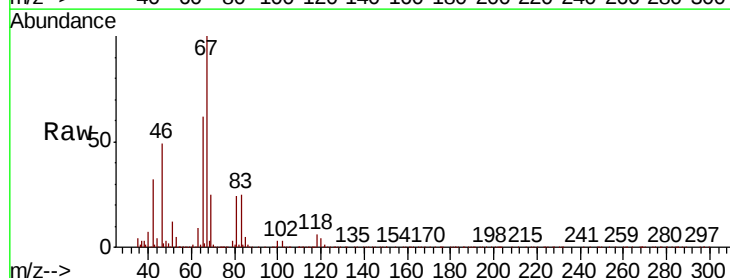
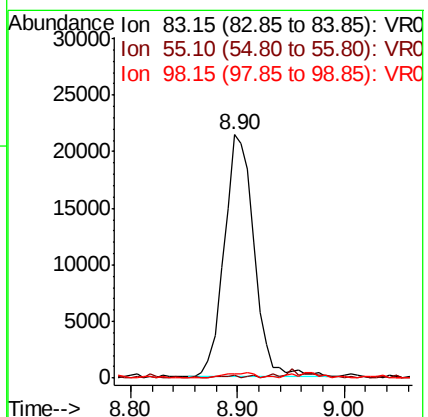
Tgt Ion: 83 Resp: 42133

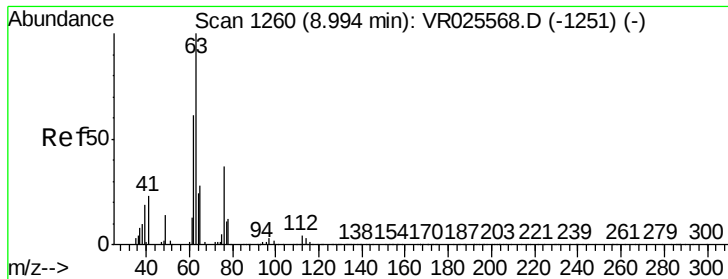
Ion Ratio Lower Upper

83 100

55 0.6 58.3 87.5#

98 0.0 37.8 56.6#

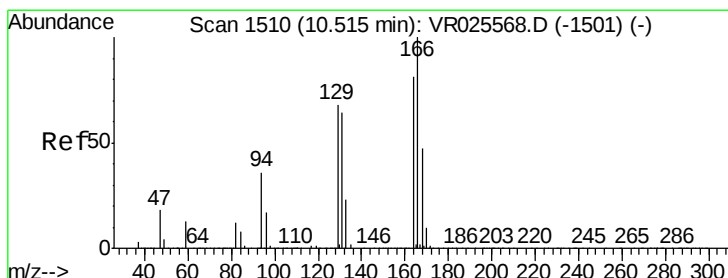
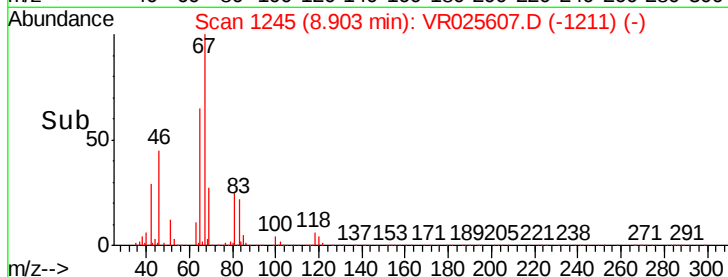
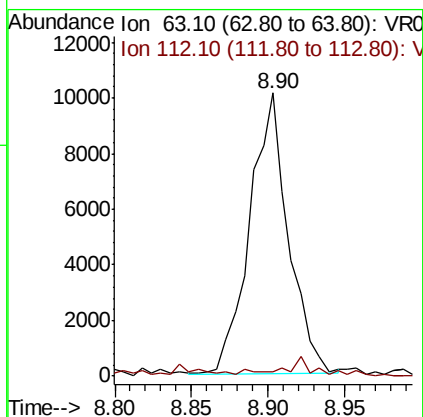
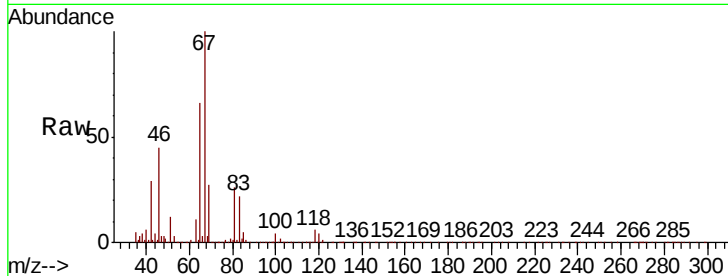




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025607.D
 Acq: 9 Aug 2018 15:24

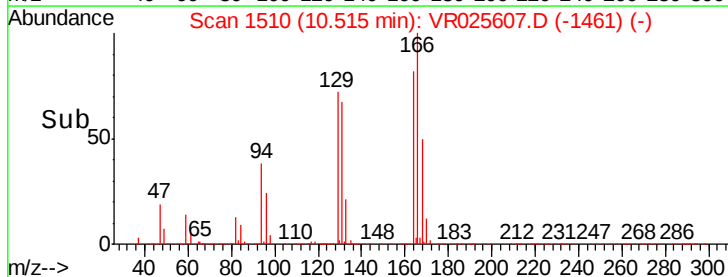
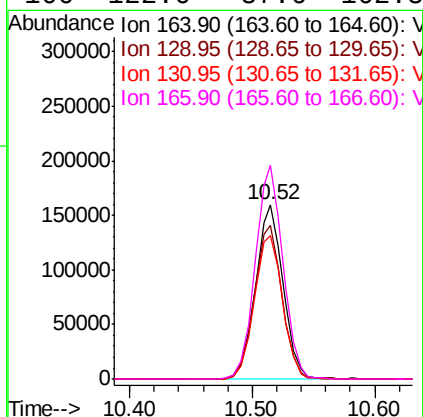
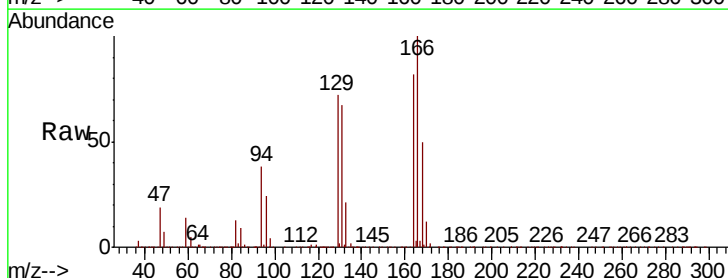
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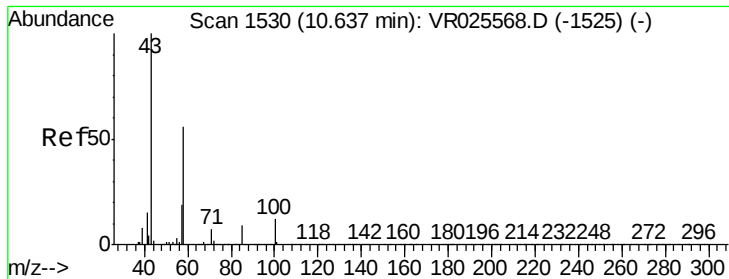
Tgt Ion: 63 Resp: 17700
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.3 4.9



#47
 Tetrachloroethene
 Concen: 8.370 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VR025607.D
 Acq: 9 Aug 2018 15:24

Tgt Ion: 164 Resp: 249576
 Ion Ratio Lower Upper
 164 100
 129 88.4 63.0 117.0
 131 82.2 60.6 112.6
 166 122.6 87.6 162.8

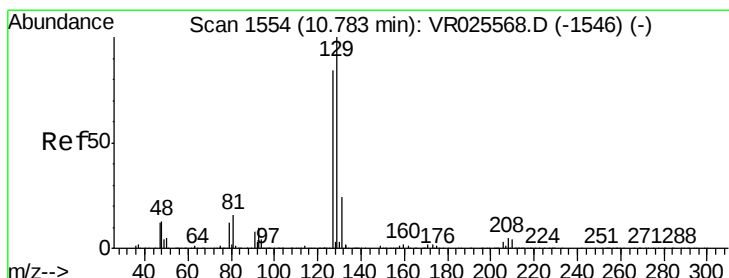
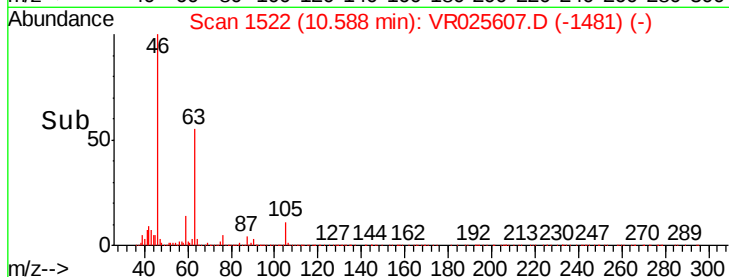
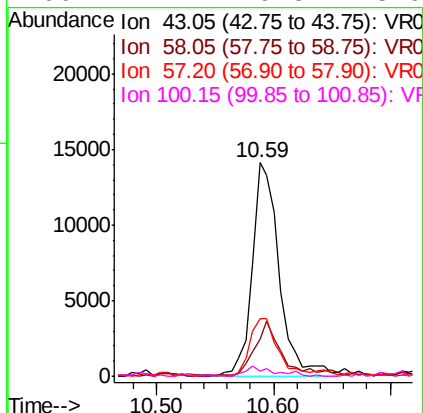
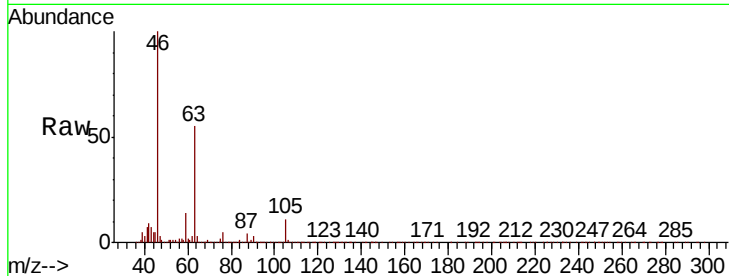




#48
2-Hexanone
Concen: 4.080 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025607.D
Acq: 9 Aug 2018 15:24

Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion: 43 Resp: 22868
Ion Ratio Lower Upper
43 100
58 27.2 45.0 67.6#
57 27.6 15.8 23.6#
100 4.1 9.3 13.9#



#49
Dibromochloromethane
Concen: 9.662 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.27 min
Lab File: VR025607.D
Acq: 9 Aug 2018 15:24

Tgt Ion: 129 Resp: 167432
Ion Ratio Lower Upper
129 100
127 0.1 54.3 100.9#

