

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080718\
 Data File : VR025575.D
 Acq On : 7 Aug 2018 14:25
 Operator : SY/MD
 Sample : J4358-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX0

Quant Time: Aug 08 02:58:56 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	545883	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	467951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	112242	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	2.63	69	66764	2.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	3.64	63	217501	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	6.60	46	148112	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	7.21	84	268658	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	7.89	65	91705	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	7.86	84	586767	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	162258	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	531670	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	32747	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	10.59	63	169599	62.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77589	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	139244	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

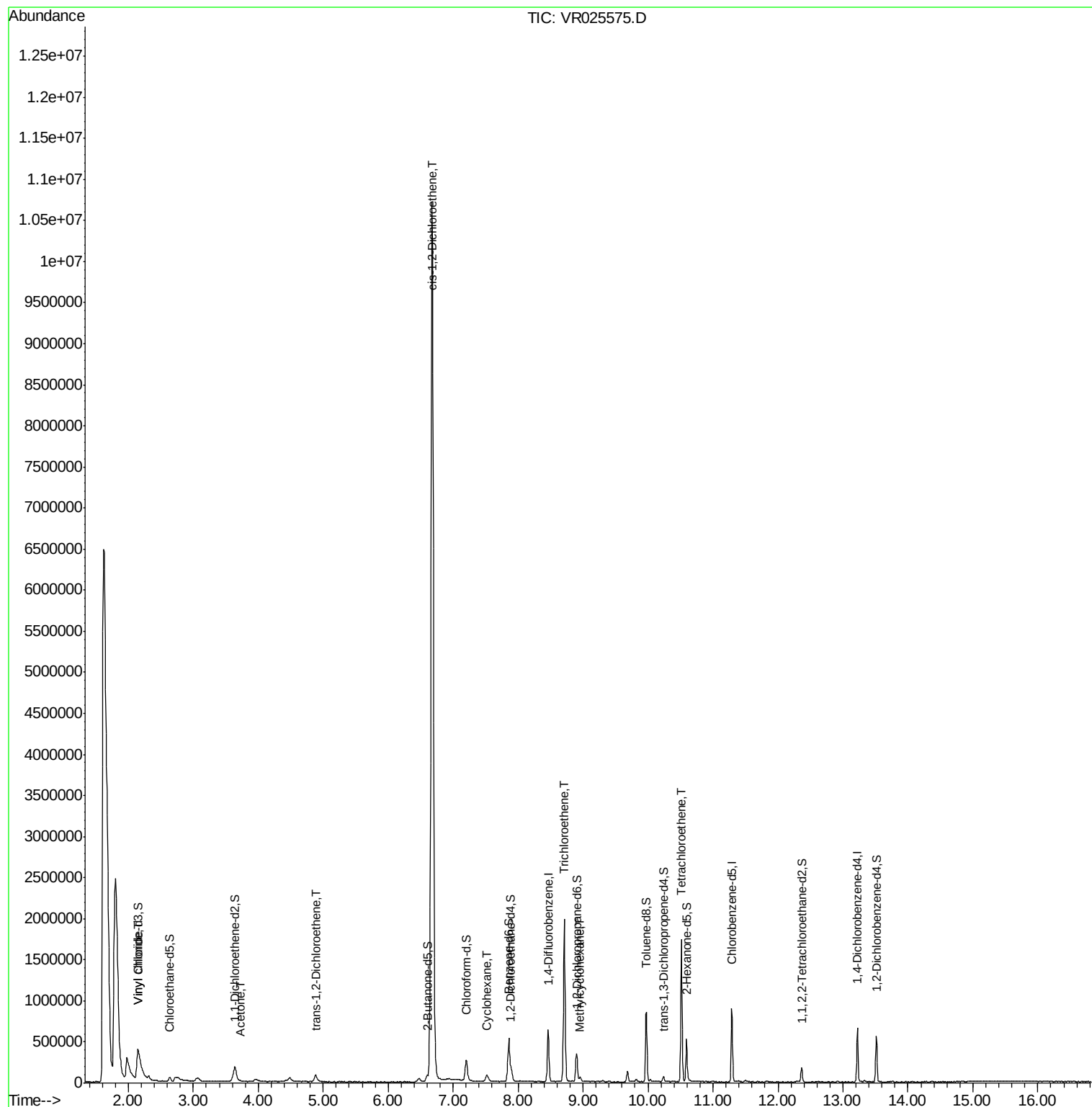
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.15	62	82653	2.00	ug/L	98
13) Acetone	3.72	43	14880	6.33	ug/L	93
18) trans-1,2-Dichloroethene	4.89	96	48976	1.31	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	6836040	200.43	ug/L #	97
30) Cyclohexane	7.52	56	41176	0.86	ug/L	94
34) Trichloroethene	8.71	95	630841	17.55	ug/L	96
35) Methylcyclohexane	8.96	83	19222	0.36	ug/L	91
47) Tetrachloroethene	10.52	164	375014	12.19	ug/L	99

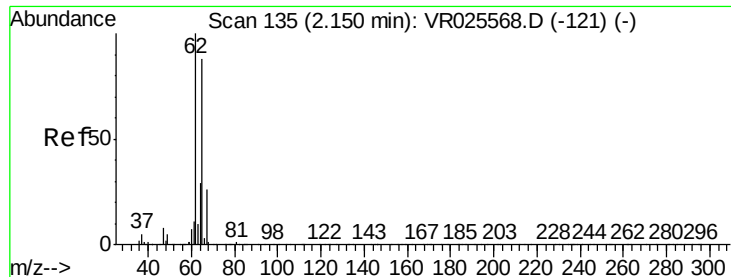
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.00 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

Instrument :

MSVOA_R

ClientSampled :

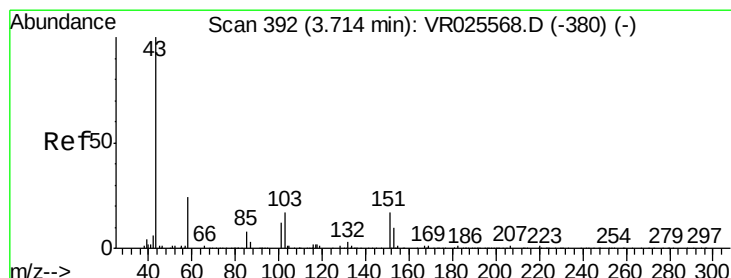
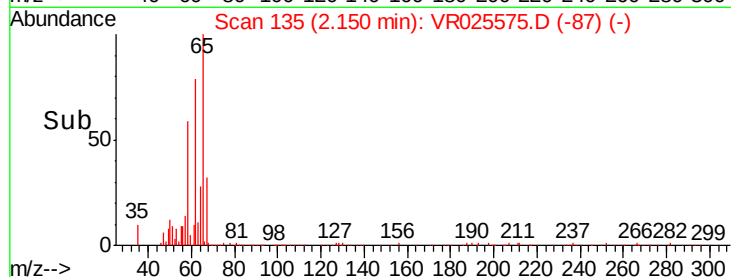
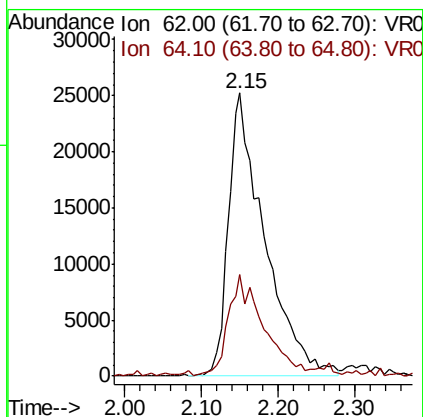
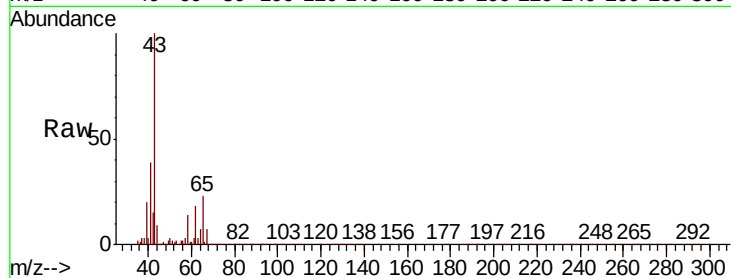
ESWX0

Tot Ion: 62 Resp: 82653

Ion Ratio Lower Upper

62 100

64 35.8 24.1 44.8



#13

Acetone

Concen: 6.33 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.01 min

Lab File: VR025575.D

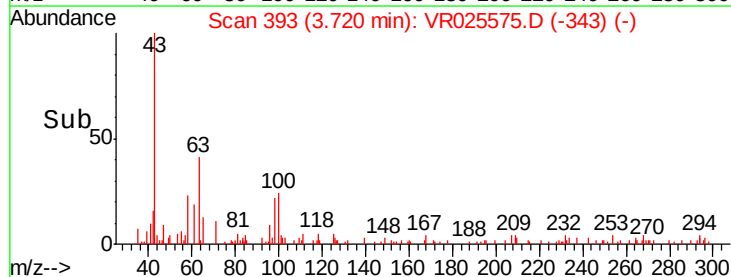
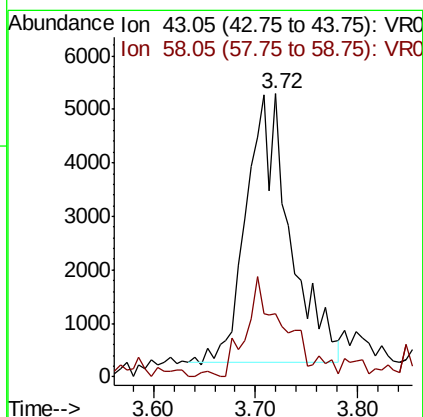
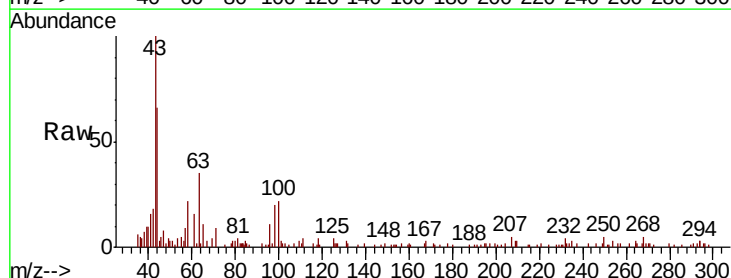
Acq: 7 Aug 2018 14:25

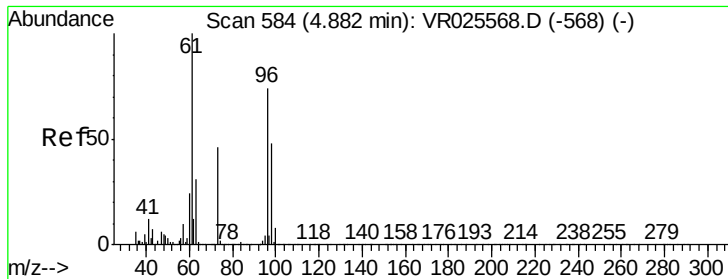
Tgt Ion: 43 Resp: 14880

Ion Ratio Lower Upper

43 100

58 30.2 0.0 53.4





#18

trans-1,2-Dichloroethene

Concen: 1.31 ug/L

RT: 4.89 min Scan# 585

Delta R.T. -0.00 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

Instrument :

MSVOA_R

ClientSampled :

ESWX0

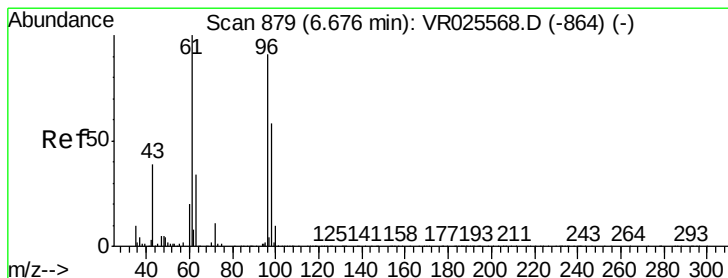
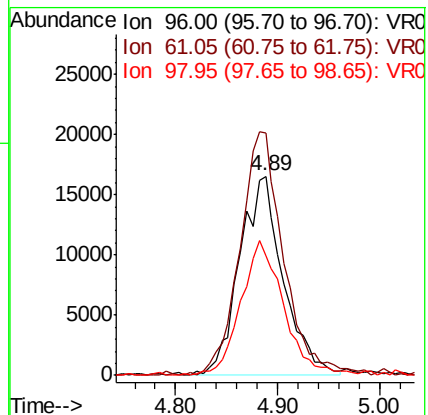
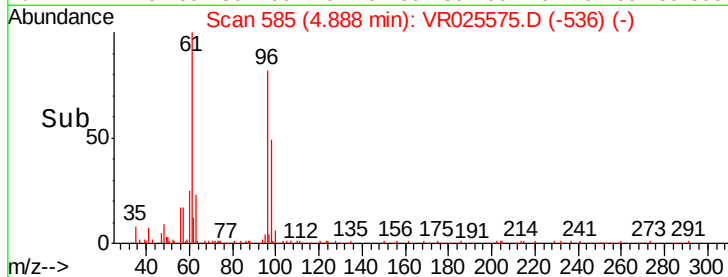
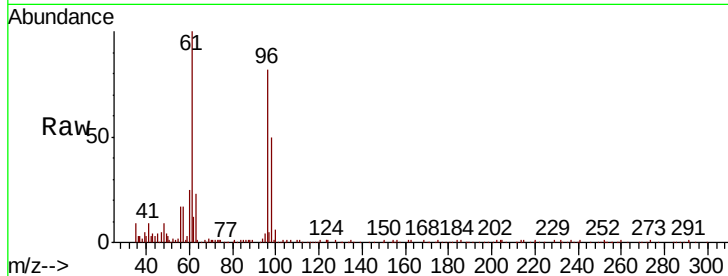
Tot Ion: 96 Resp: 48976

Ion Ratio Lower Upper

96 100

61 121.4 85.5 158.9

98 60.3 42.1 78.1



#22

cis-1,2-Dichloroethene

Concen: 200.43 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

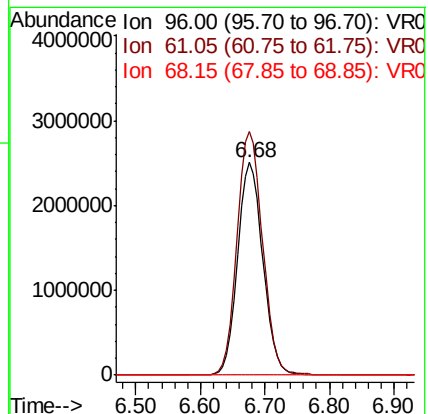
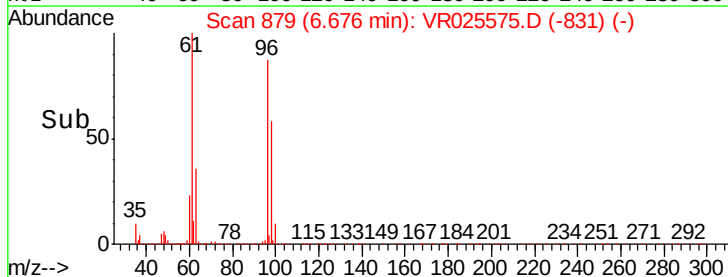
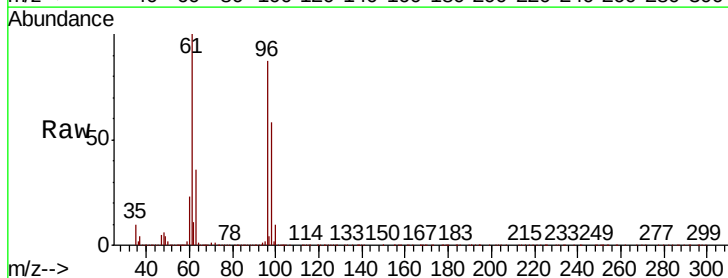
Tgt Ion: 96 Resp: 6836040

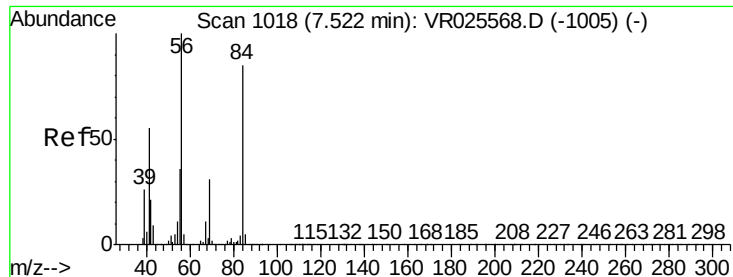
Ion Ratio Lower Upper

96 100

61 114.5 77.7 144.3

68 0.0 0.0 0.0#

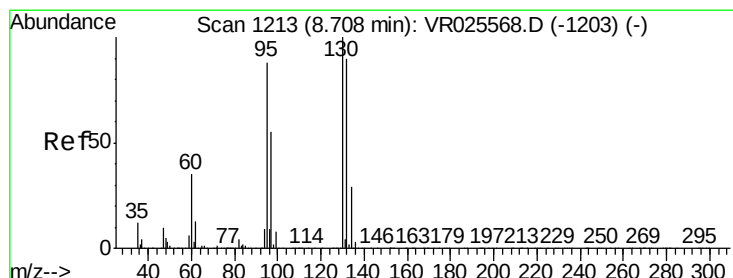
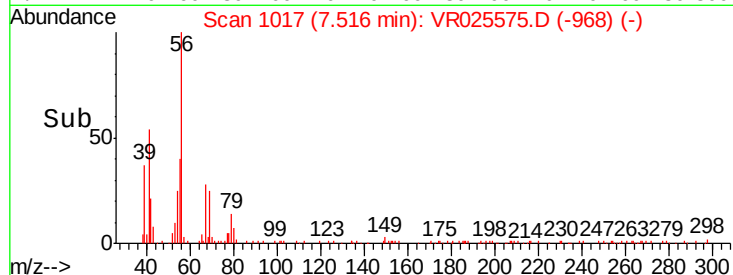
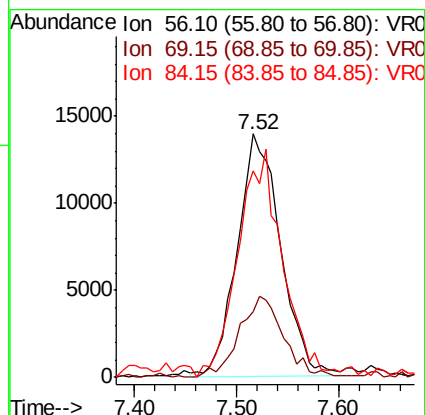
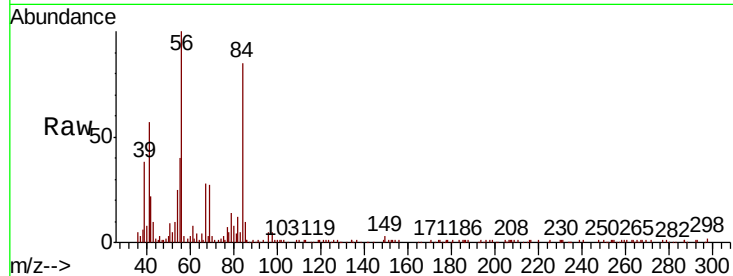




#30
Cyclohexane
Concen: 0.86 ug/L
RT: 7.52 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

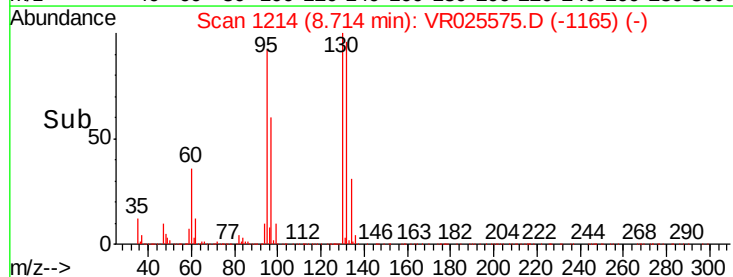
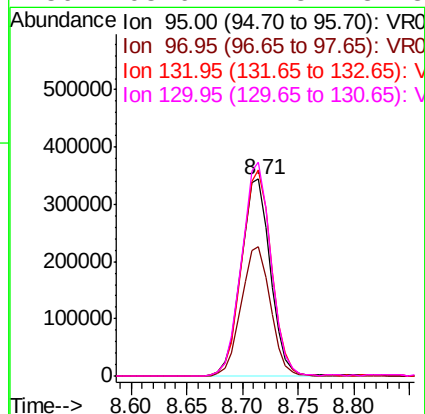
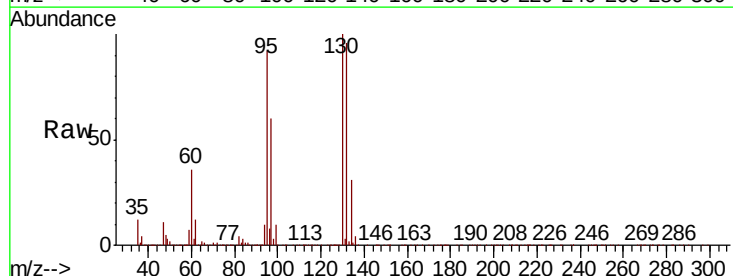
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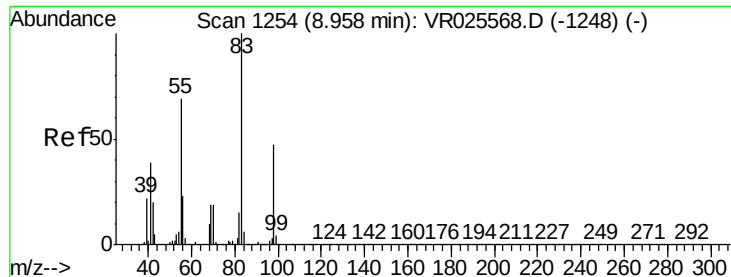
Tot Ion: 56 Resp: 41176
Ion Ratio Lower Upper
56 100
69 34.3 24.6 36.8
84 94.6 71.3 106.9



#34
Trichloroethene
Concen: 17.55 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion: 95 Resp: 630841
Ion Ratio Lower Upper
95 100
97 65.6 46.7 86.7
132 104.5 71.7 133.1
130 108.6 71.3 132.3

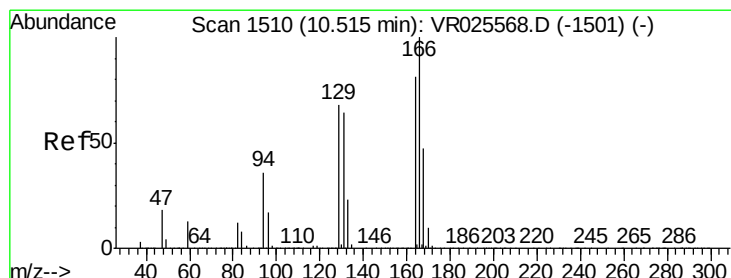
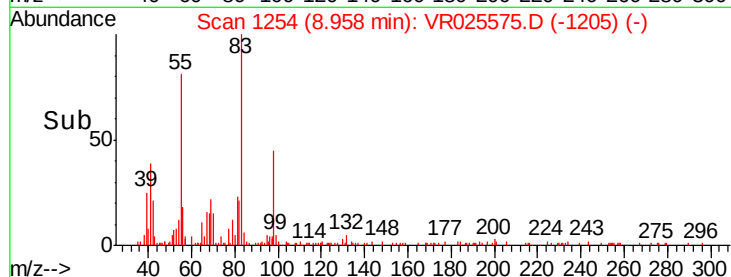
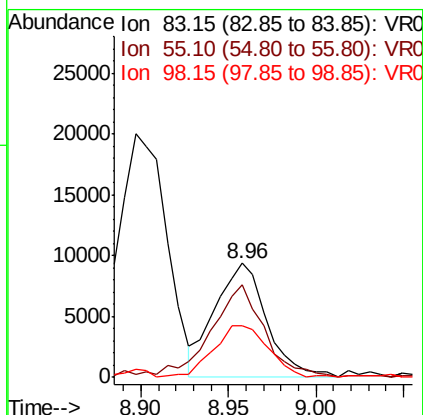
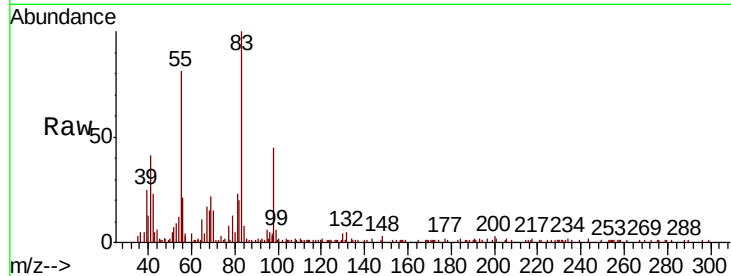




#35
Methylcyclohexane
Concen: 0.36 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Instrument :
MSVOA_R
ClientSampled :
ESWX0

Tot Ion: 83 Resp: 19222
Ion Ratio Lower Upper
83 100
55 83.4 58.3 87.5
98 48.8 37.8 56.6



#47
Tetrachloroethene
Concen: 12.19 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion:164 Resp: 375014
Ion Ratio Lower Upper
164 100
129 90.3 63.0 117.0
131 87.0 60.6 112.6
166 126.7 87.6 162.8

