

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007302.D
 Acq On : 31 Aug 2018 15:49
 Operator : SY/MD
 Sample : J4665-15
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB0

Quant Time: Sep 01 00:02:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	621242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	591142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	238287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215367	57.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.74%
7) Chloroethane-d5	1.58	69	118639	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.13	63	246948	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.96	46	367780	121.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.14%
24) Chloroform-d	4.41	84	375672	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	5.09	65	237189	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.11	84	767294	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	256416	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.37	98	639339	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.67	79	106763	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.15	63	228849	116.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.61%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	362546	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	279625	58.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.82%

Target Compounds

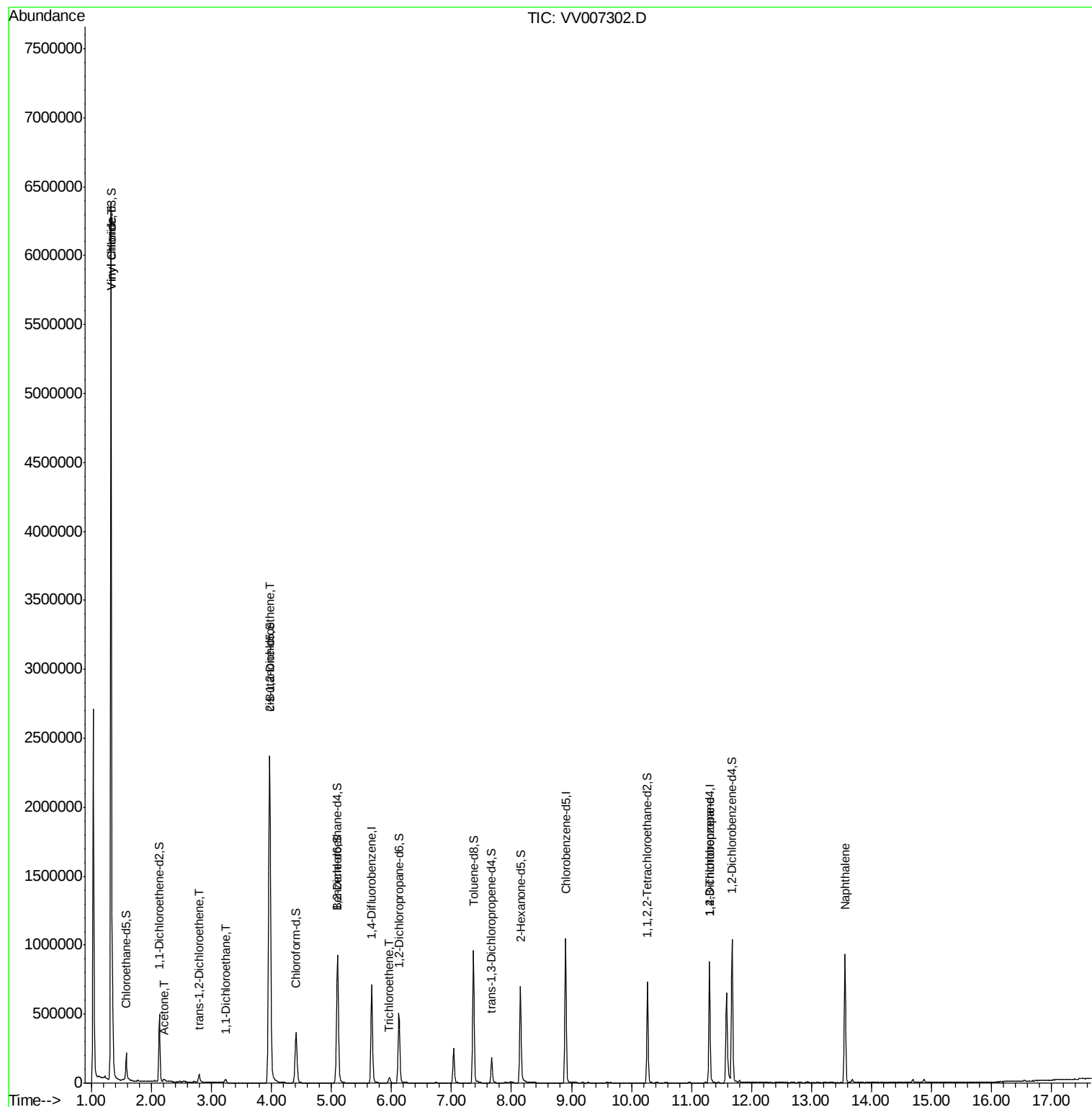
					Qvalue
5) Vinyl chloride	1.32	62	4454481	884.667 ug/L	99
13) Acetone	2.21	43	14887	5.688 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	21953	5.407 ug/L	96
19) 1,1-Dichloroethane	3.23	63	27076	3.297 ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	1251260	267.671 ug/L	99
34) Trichloroethene	5.96	95	13235	3.051 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	26913	4.692 ug/L	92
69) Naphthalene	13.56	128	744994	61.557 ug/L	100

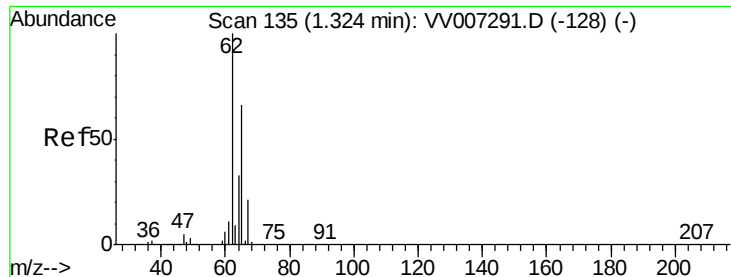
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 23:57:34 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 884.667 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

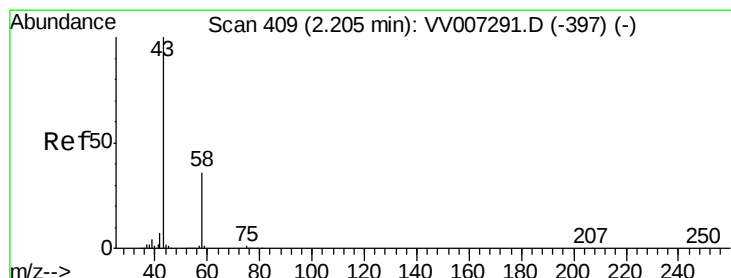
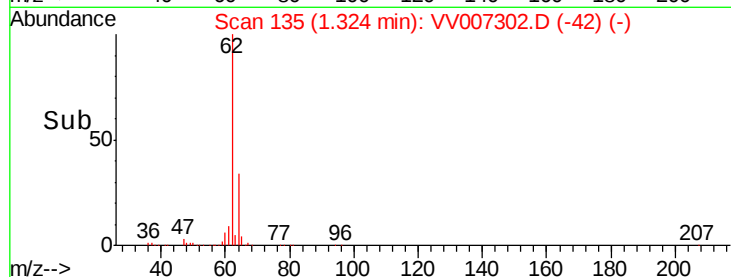
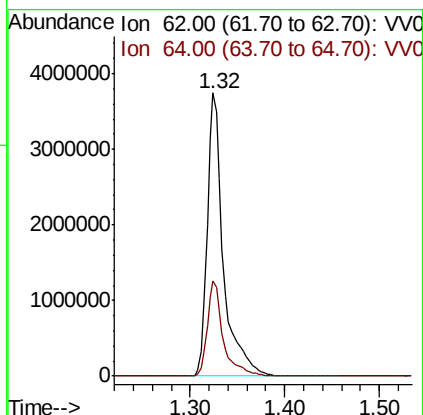
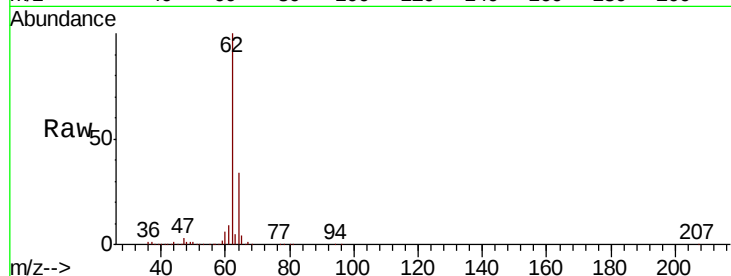
E0AB0

Tgt Ion: 62 Resp: 4454481

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.0



#13

Acetone

Concen: 5.688 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007302.D

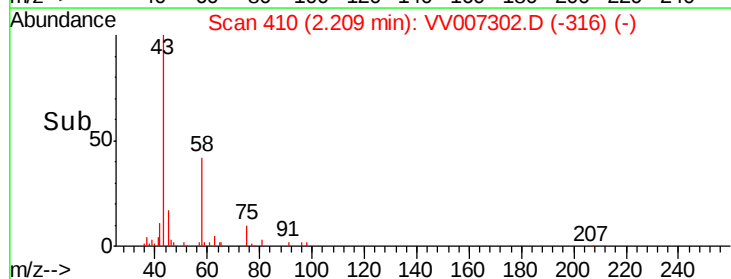
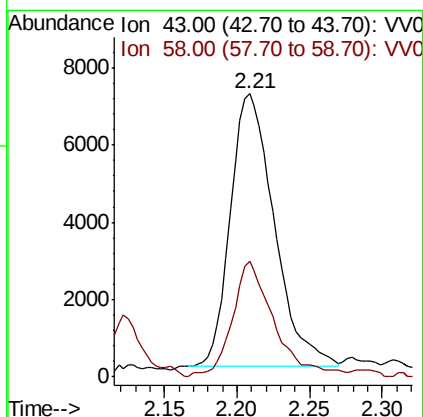
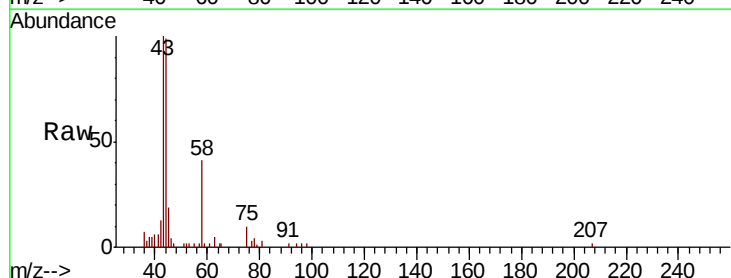
Acq: 31 Aug 2018 15:49

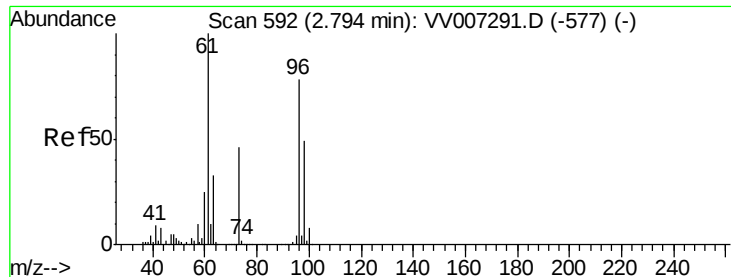
Tgt Ion: 43 Resp: 14887

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2





#17

trans-1,2-Dichloroethene

Concen: 5.407 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

E0AB0

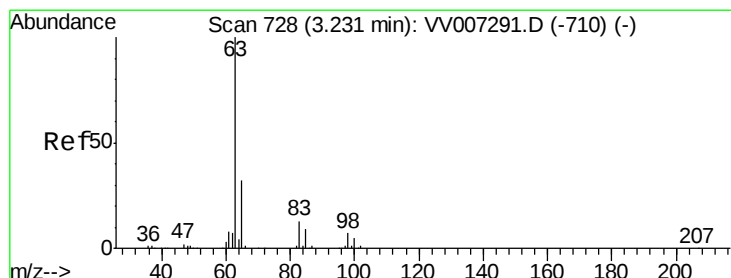
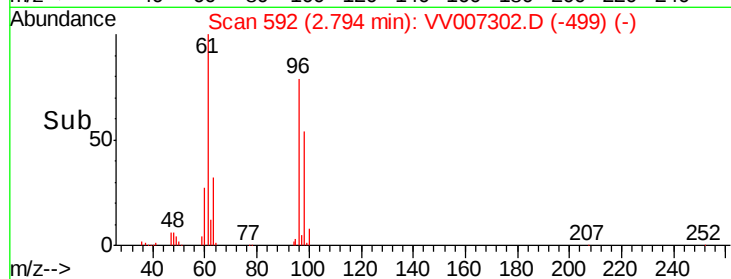
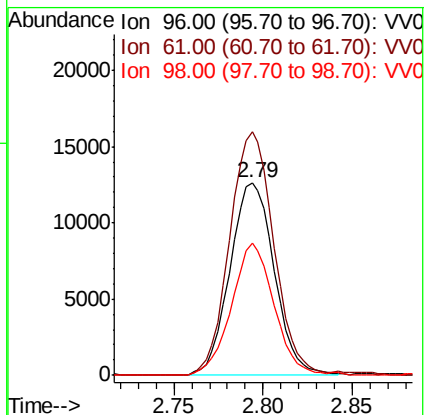
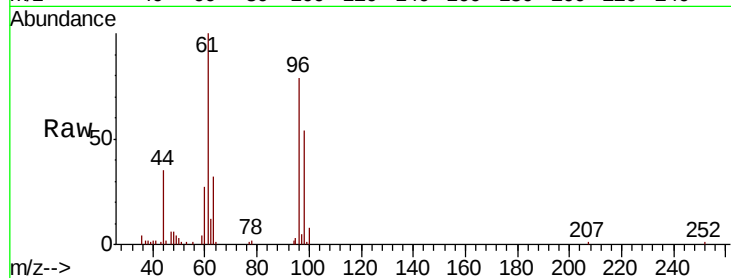
Tgt Ion: 96 Resp: 21953

Ion Ratio Lower Upper

96 100

61 126.4 90.4 167.8

98 68.5 44.2 82.0



#19

1,1-Dichloroethane

Concen: 3.297 ug/L

RT: 3.23 min Scan# 729

Delta R.T. 0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

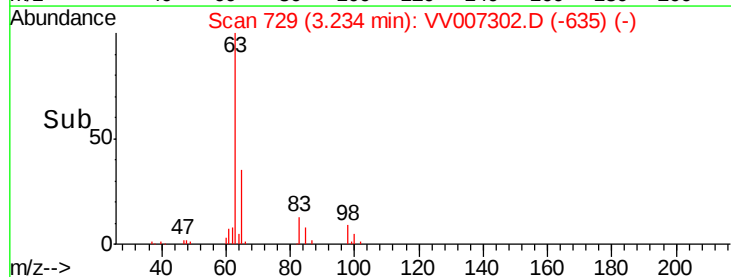
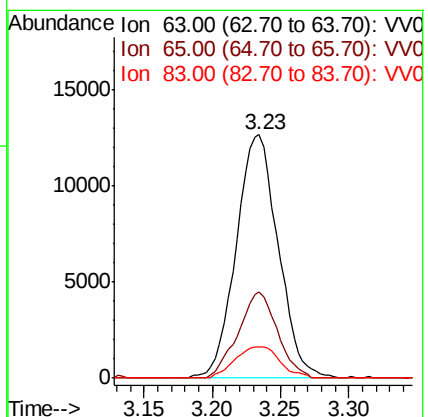
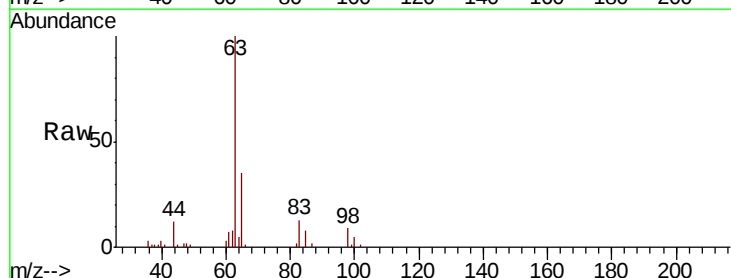
Tgt Ion: 63 Resp: 27076

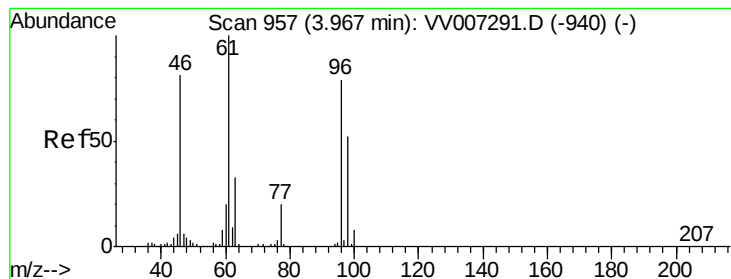
Ion Ratio Lower Upper

63 100

65 35.5 22.0 41.0

83 12.9 8.8 16.4



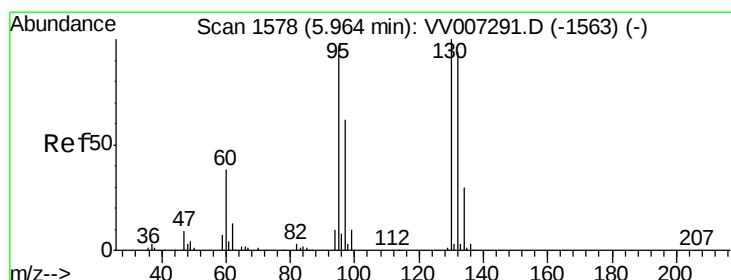
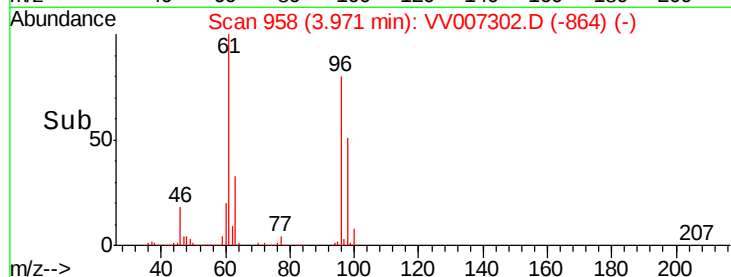
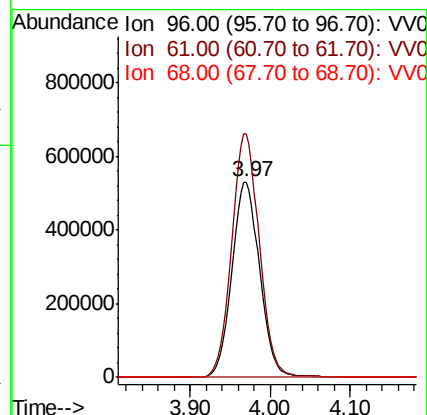
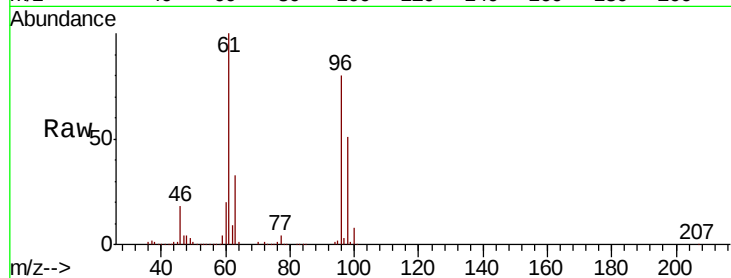


#20

cis-1,2-Dichloroethene
Concen: 267.671 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV007302.D
Acq: 31 Aug 2018 15:49

Instrument :
MSVOA_V
ClientSampleId :
E0AB0

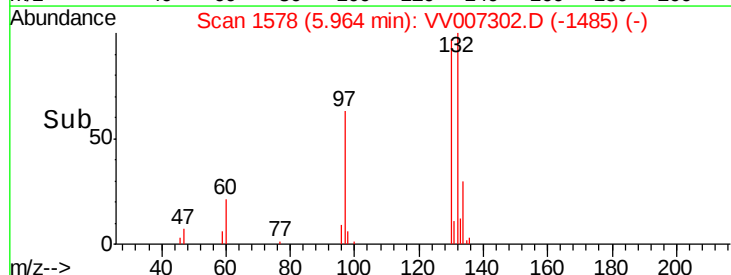
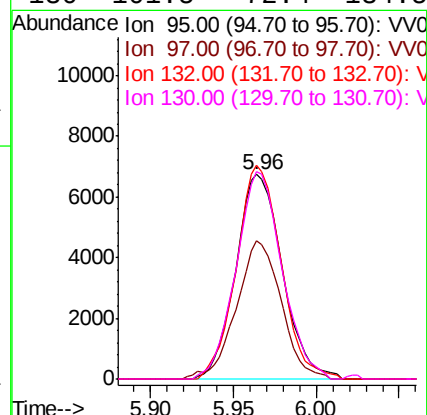
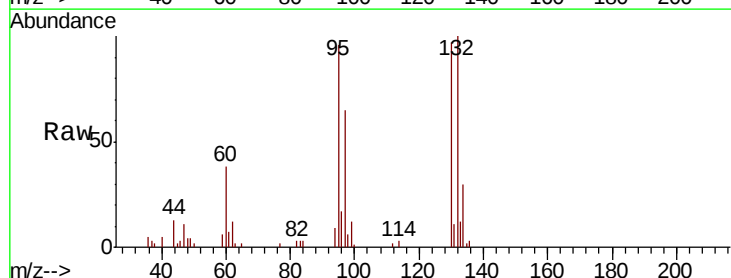
Tgt Ion: 96 Resp: 1251260
Ion Ratio Lower Upper
96 100
61 124.6 88.4 164.2
68 0.0 0.0 0.0

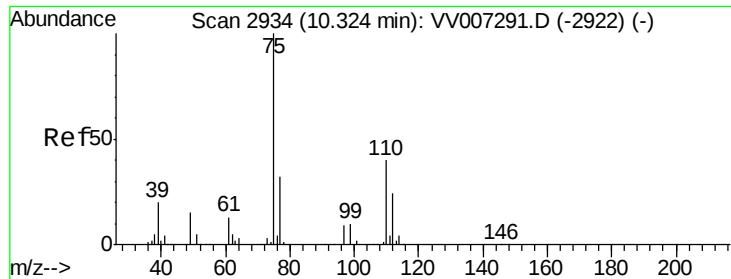


#34

Trichloroethene
Concen: 3.051 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV007302.D
Acq: 31 Aug 2018 15:49

Tgt Ion: 95 Resp: 13235
Ion Ratio Lower Upper
95 100
97 67.8 45.1 83.9
132 104.5 68.3 126.9
130 101.5 72.4 134.5





#59

1,2,3-Trichloropropane

Concen: 4.692 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

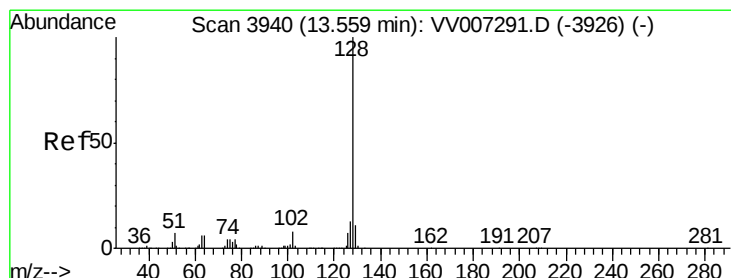
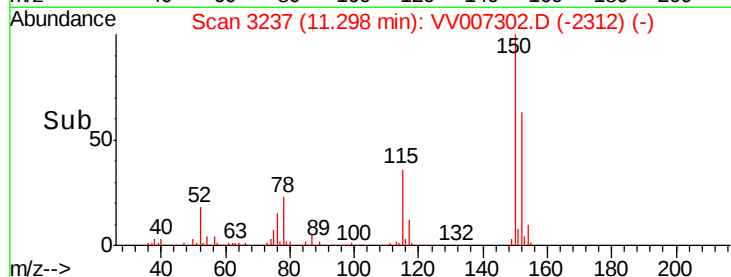
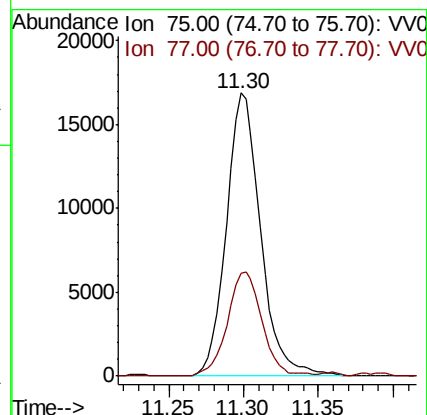
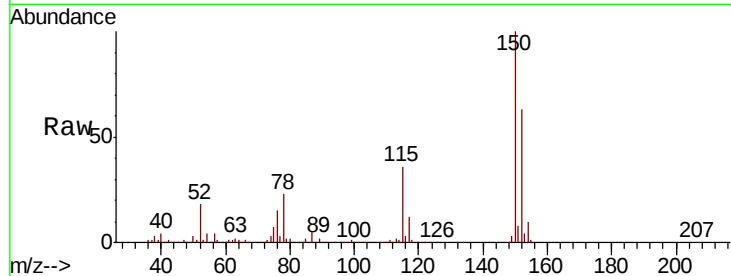
E0AB0

Tgt Ion: 75 Resp: 26913

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9



#69

Naphthalene

Concen: 61.557 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Tgt Ion: 128 Resp: 744994

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.6 13.0

