

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007301.D
 Acq On : 31 Aug 2018 15:25
 Operator : SY/MD
 Sample : J4665-14
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

Quant Time: Sep 01 00:20:45 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	614877	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	588200	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	232251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199155	53.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.20%
7) Chloroethane-d5	1.58	69	114542	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.13	63	250339	36.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.58%
21) 2-Butanone-d5	3.97	46	352921	117.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.45%
24) Chloroform-d	4.41	84	371775	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	5.09	65	232081	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.11	84	766405	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.12	67	262286	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.08%
41) Toluene-d8	7.37	98	638335	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%
43) trans-1,3-Dichloropropene-	7.67	79	107322	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.15	63	222077	113.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.73%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	349920	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	263639	56.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

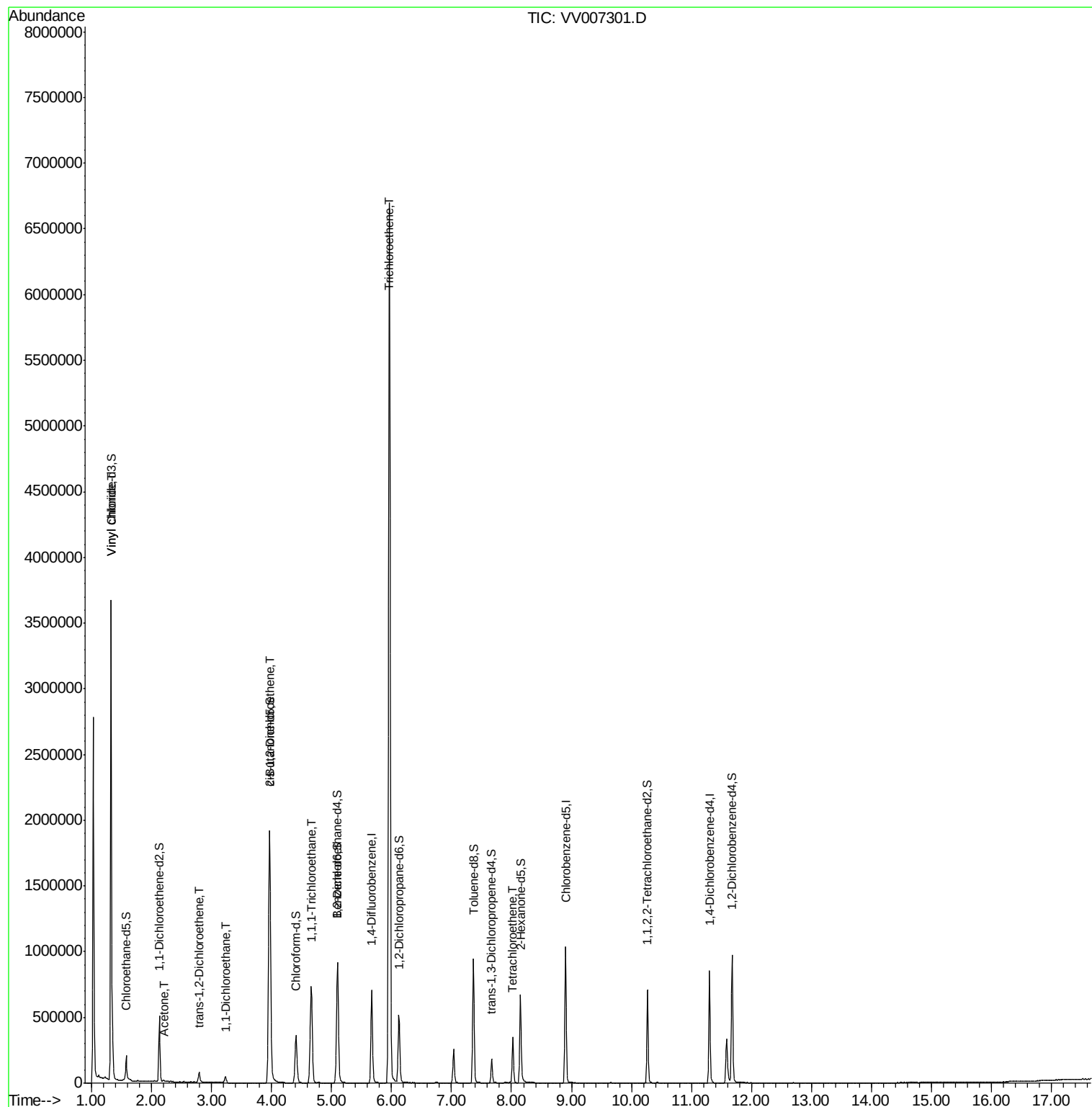
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2521986	506.06	ug/L	99
13) Acetone	2.21	43	7332	2.83	ug/L	90
17) trans-1,2-Dichloroethene	2.79	96	28899	7.19	ug/L	97
19) 1,1-Dichloroethane	3.23	63	45781	5.63	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	996669	215.42	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	597816	89.30	ug/L	100
34) Trichloroethene	5.96	95	2357269	546.09	ug/L	99
46) Tetrachloroethene	8.02	164	81788	22.60	ug/L	98

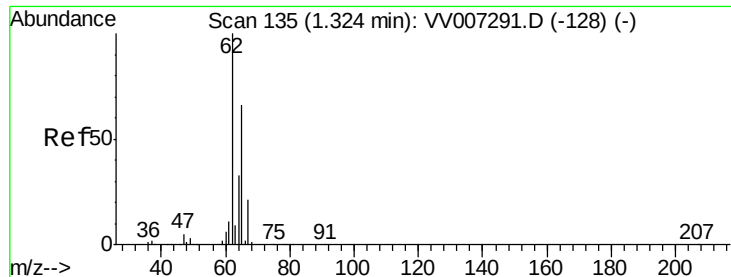
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 506.06 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007301.D

Acq: 31 Aug 2018 15:25

Instrument :

MSVOA_V

ClientSampleId :

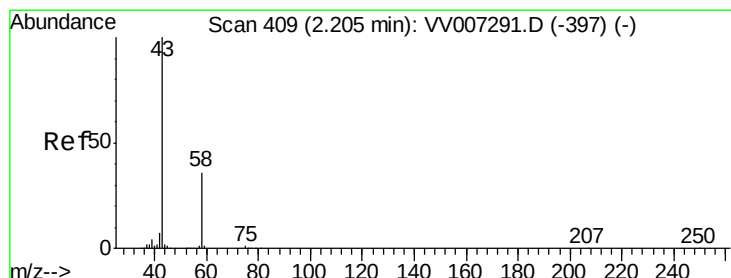
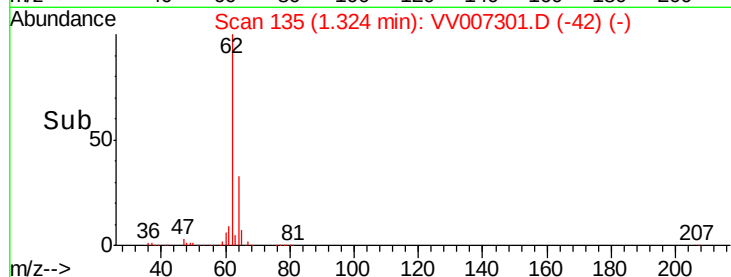
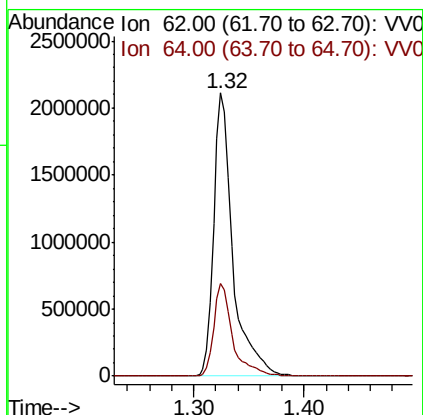
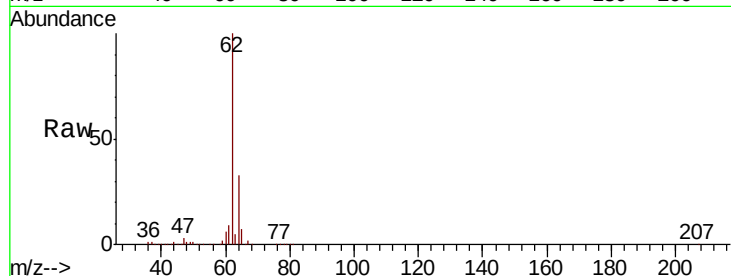
E0AA9

Tot Ion: 62 Resp: 2521986

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#13

Acetone

Concen: 2.83 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007301.D

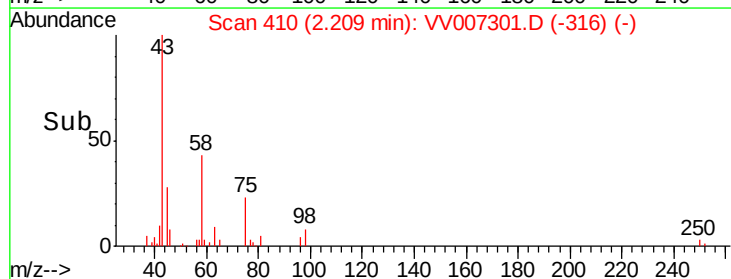
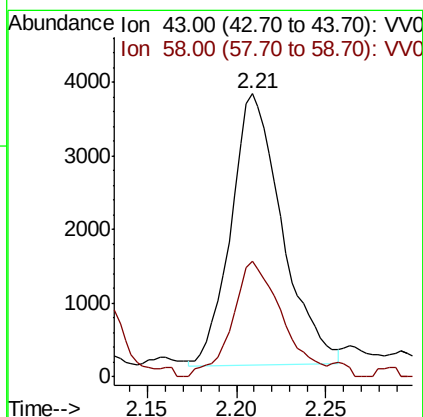
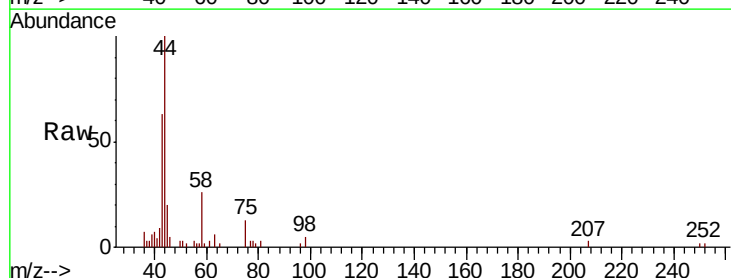
Acq: 31 Aug 2018 15:25

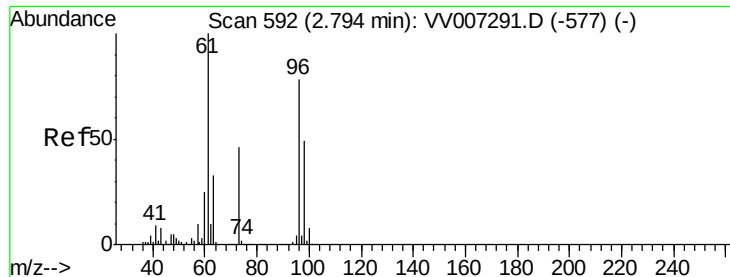
Tgt Ion: 43 Resp: 7332

Ion Ratio Lower Upper

43 100

58 41.7 0.0 72.2





#17

trans-1,2-Dichloroethene

Concen: 7.19 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV007301.D

Acq: 31 Aug 2018 15:25

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

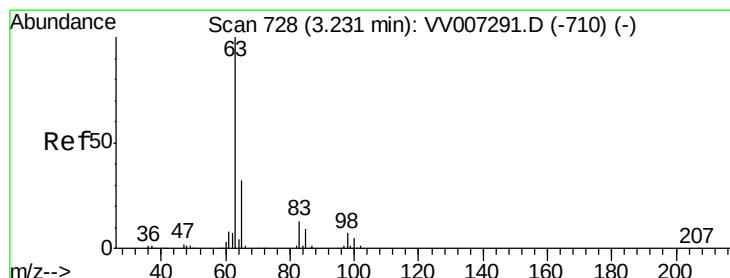
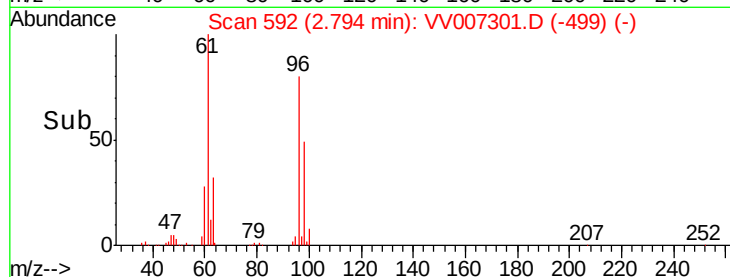
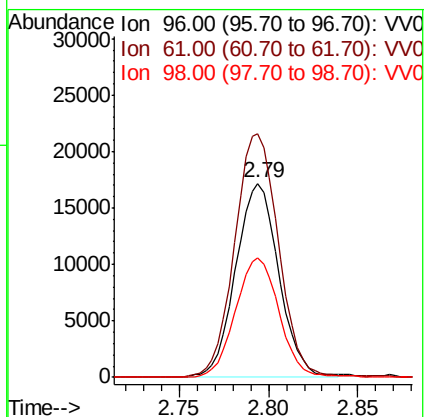
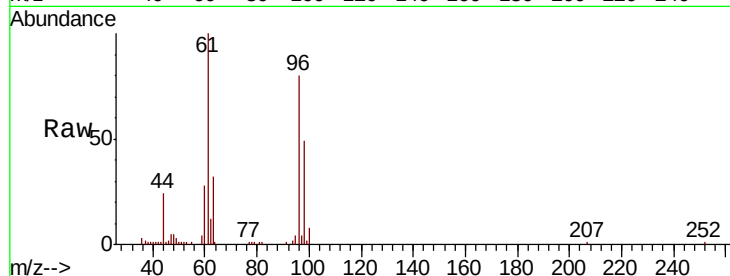
Tot Ion: 96 Resp: 28899

Ion Ratio Lower Upper

96 100

61 125.6 90.4 167.8

98 61.8 44.2 82.0



#19

1,1-Dichloroethane

Concen: 5.63 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007301.D

Acq: 31 Aug 2018 15:25

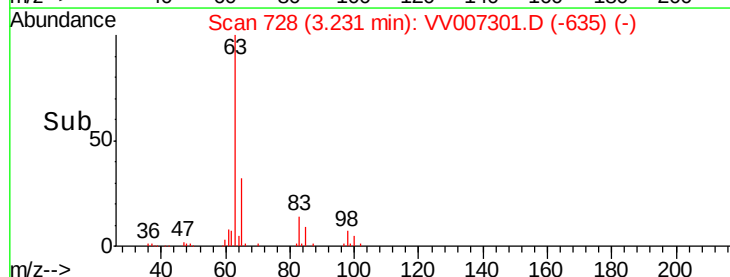
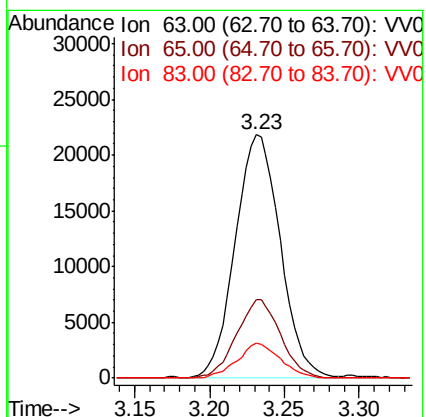
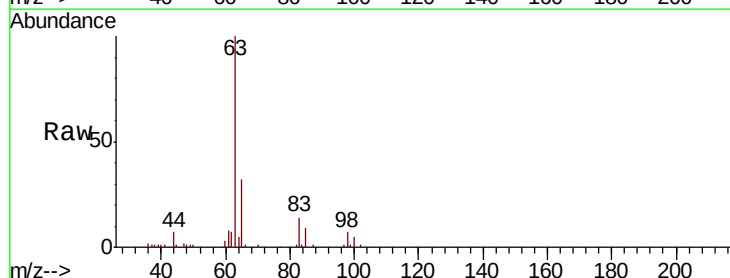
Tgt Ion: 63 Resp: 45781

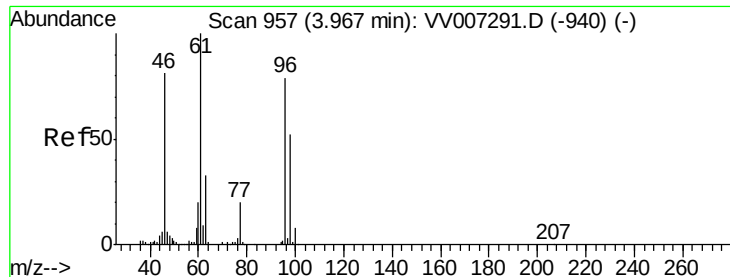
Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 14.1 8.8 16.4

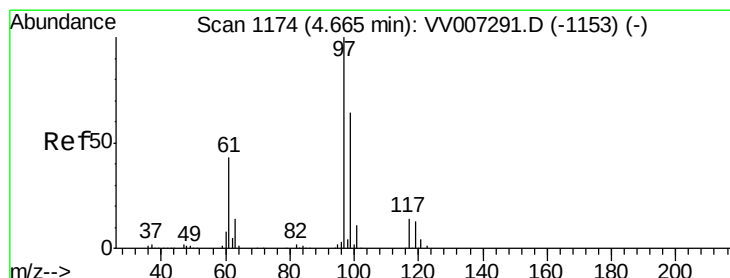
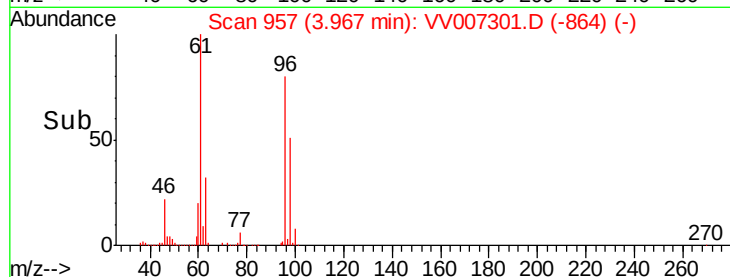
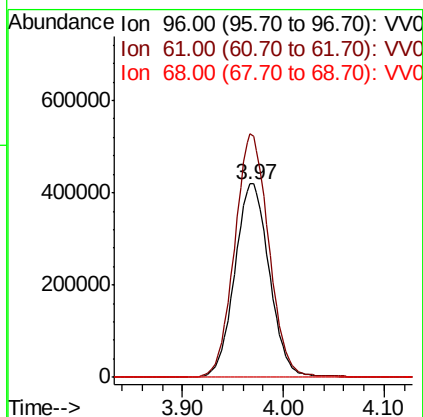
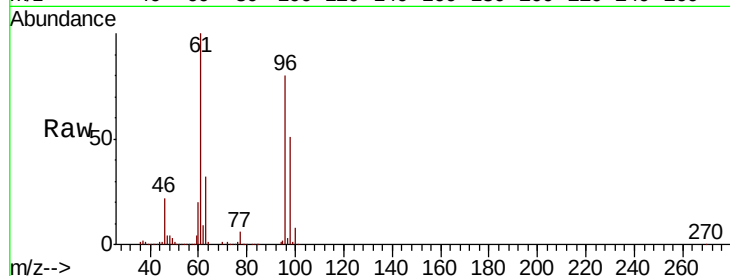




#20
 cis-1,2-Dichloroethene
 Concen: 215.42 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007301.D
 Acq: 31 Aug 2018 15:25

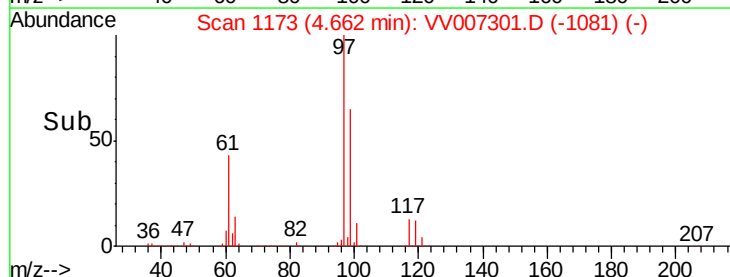
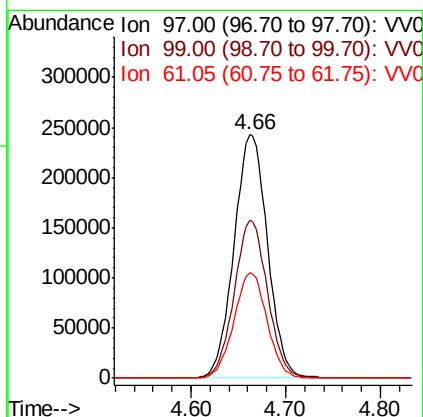
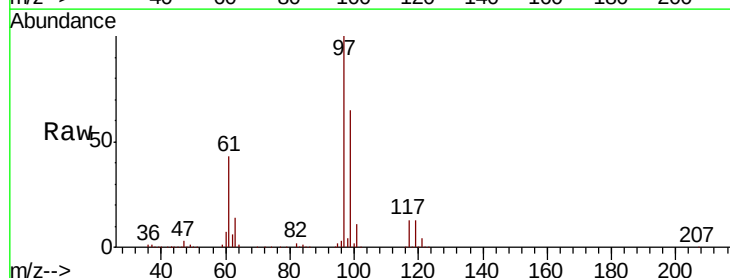
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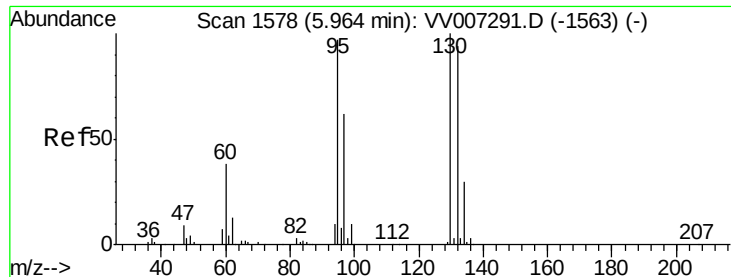
Tot Ion	96	Resp	996669
Ion	Ratio	Lower	Upper
96	100		
61	125.8	88.4	164.2
68	0.0	0.0	0.0



#30
 1,1,1-Trichloroethane
 Concen: 89.30 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007301.D
 Acq: 31 Aug 2018 15:25

Tgt Ion	97	Resp	597816
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.9	34.6	51.8



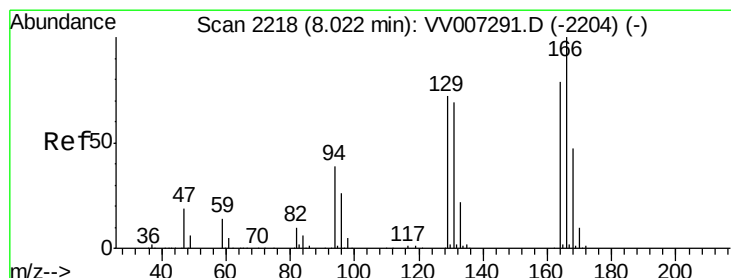
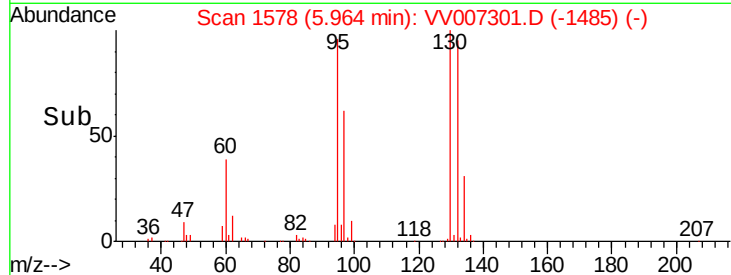
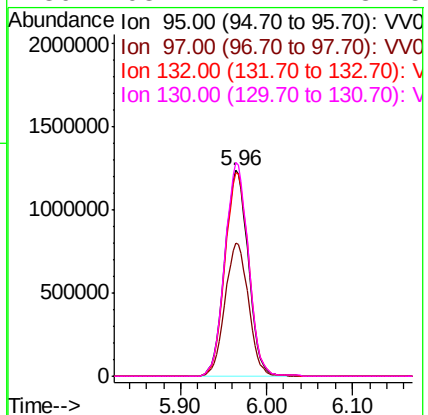
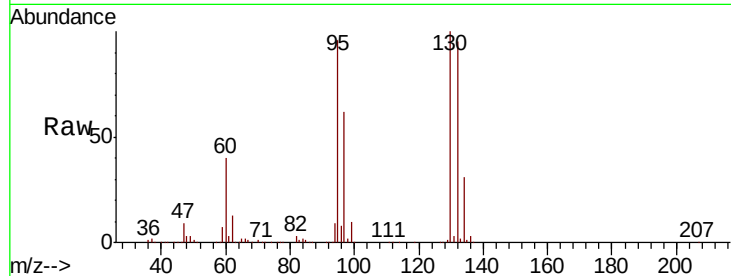


#34
 Trichloroethene
 Concen: 546.09 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007301.D
 Acq: 31 Aug 2018 15:25

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

Tot Ion: 95 Resp: 2357269

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.9
132	99.0	68.3	126.9
130	103.7	72.4	134.5



#46
 Tetrachloroethene
 Concen: 22.60 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV007301.D
 Acq: 31 Aug 2018 15:25

Tgt Ion: 164 Resp: 81788

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.5	119.7
131	83.1	61.2	113.8
166	125.6	89.1	165.5

