

Data File : VV006279.D
Acq On : 15 Jun 2018 13:47
Operator : SY/MD
Sample : J3397-04
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEXT3

Quant Time: Jun 16 00:19:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	305246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	279887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88789	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	72673	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	127955	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.95	46	234761	66.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.64%#
24) Chloroform-d	4.41	84	156335	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	81347	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	339001	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	100213	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.37	98	323710	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.67	79	38821	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	190406	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73201	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	120812	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

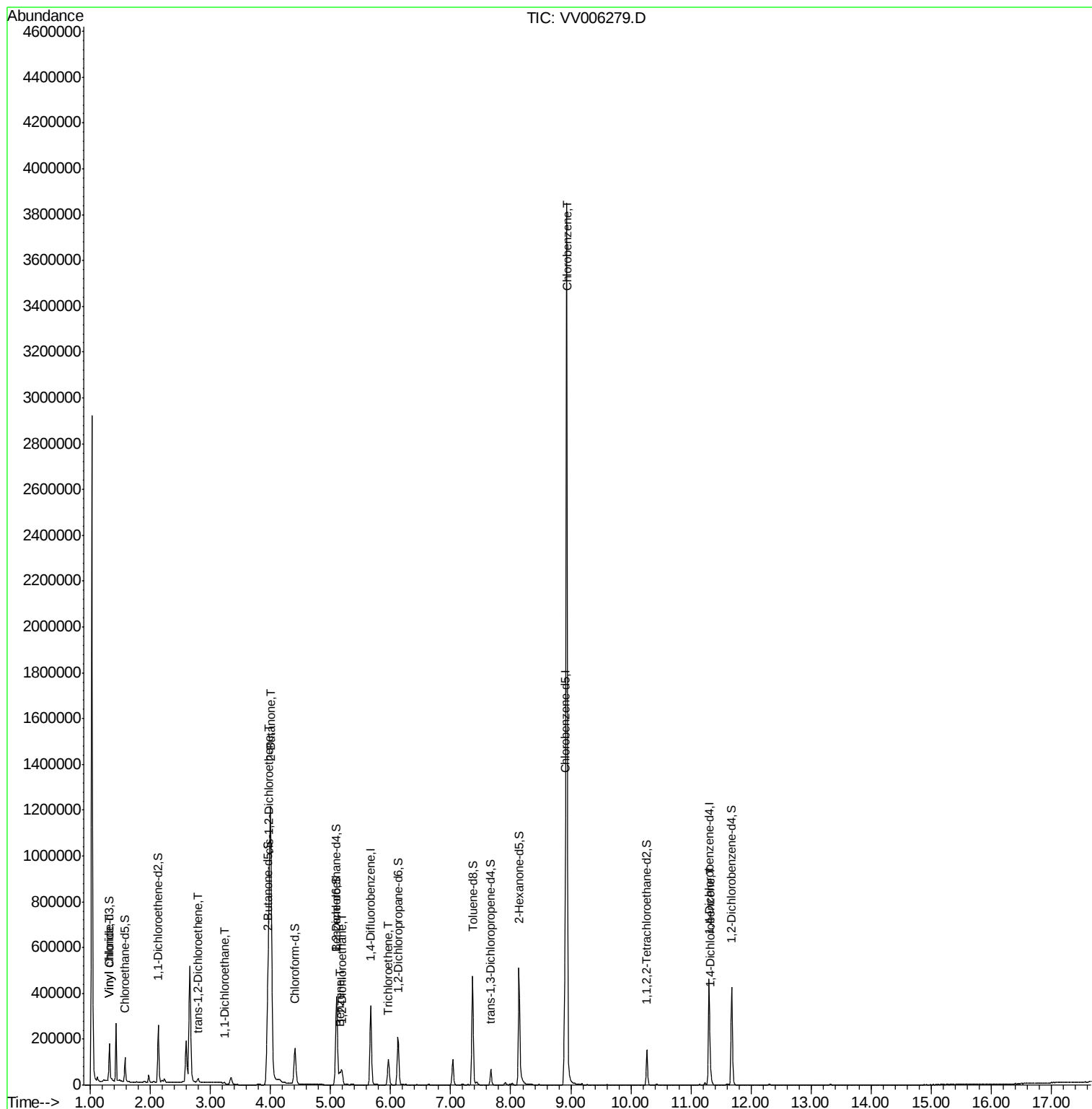
					Qvalue
5) Vinyl chloride	1.32	62	29313	1.245 ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	5203	0.272 ug/L	90
19) 1,1-Dichloroethane	3.23	63	8676	0.270 ug/L	98
21) 2-Butanone	4.00	43	51588	14.783 ug/L	81
22) cis-1,2-Dichloroethene	3.97	96	226966	10.975 ug/L #	98
27) 1,2-Dichloroethane	5.19	62	56703	2.975 ug/L	99
33) Benzene	5.15	78	44752	0.580 ug/L	100
34) Trichloroethene	5.96	95	37053	1.759 ug/L	100
51) Chlorobenzene	8.93	112	2128869	38.929 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20992	0.518 ug/L	99

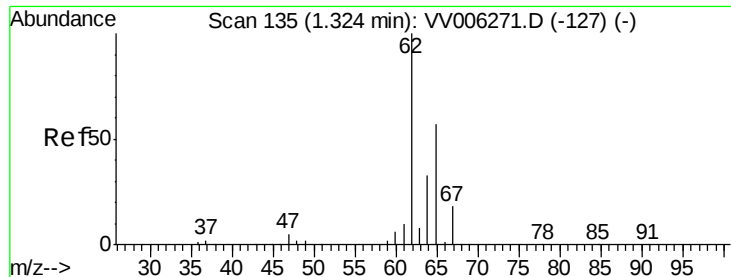
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.245 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

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Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_V

ClientSampleId :

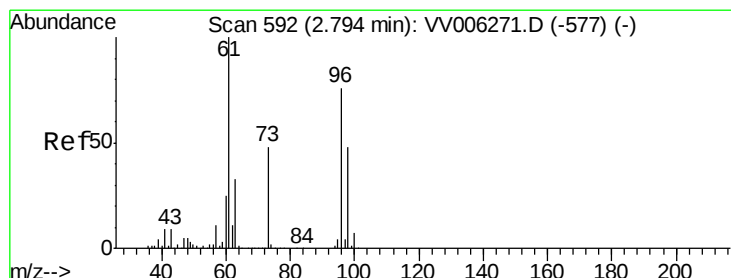
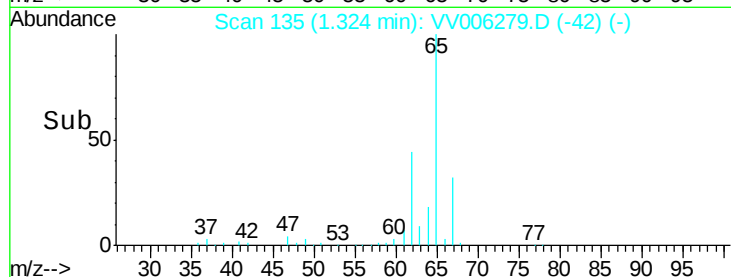
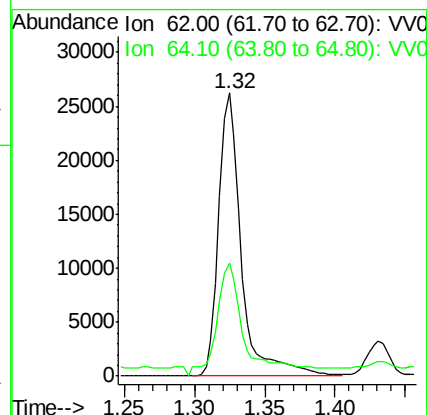
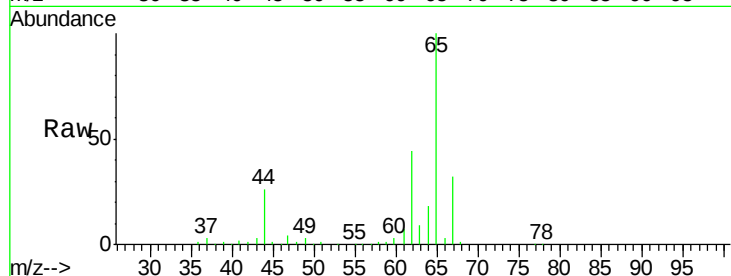
BEXT3

Tgt Ion: 62 Resp: 29313

Ion Ratio Lower Upper

62 100

64 39.8 23.1 42.9



#18

trans-1,2-Dichloroethene

Concen: 0.272 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

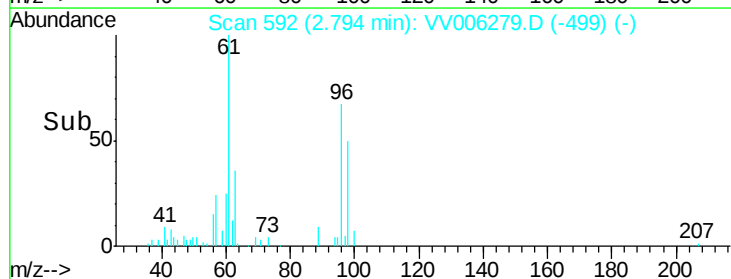
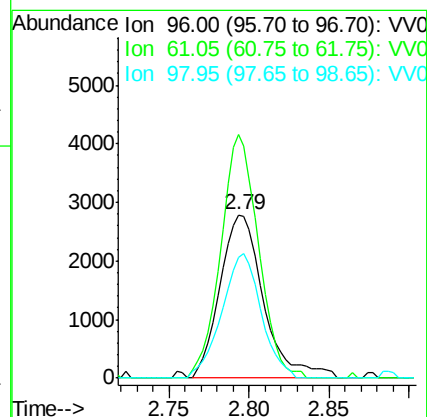
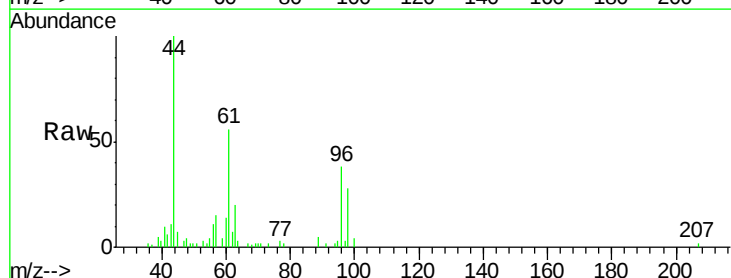
Tgt Ion: 96 Resp: 5203

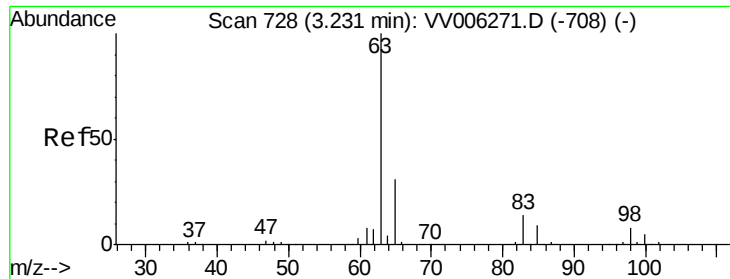
Ion Ratio Lower Upper

96 100

61 149.4 96.3 178.9

98 74.2 45.4 84.2

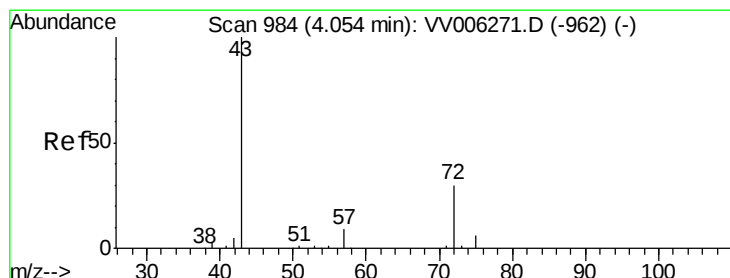
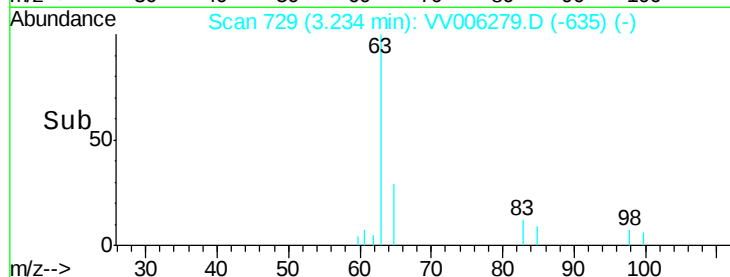
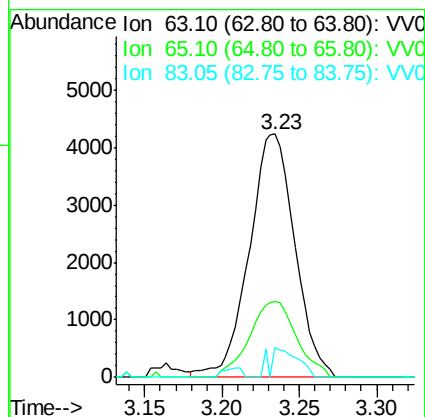
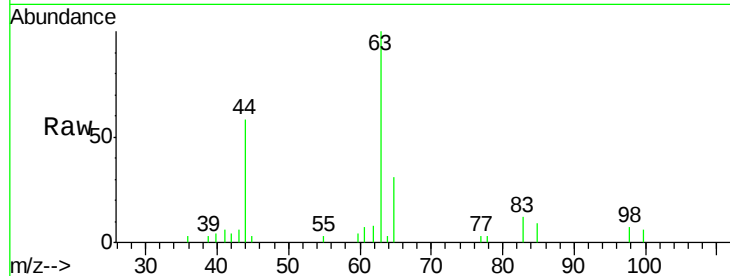




#19
 1,1-Dichloroethane
 Concen: 0.270 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV006279.D
 Acq: 15 Jun 2018 13:47

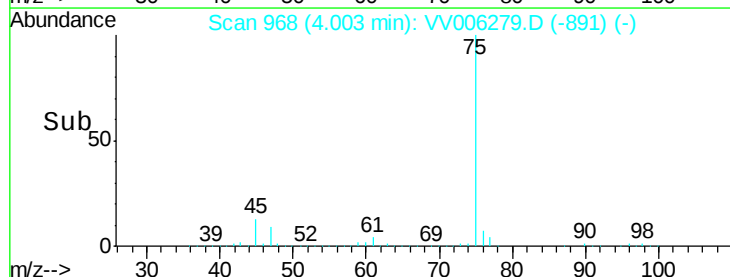
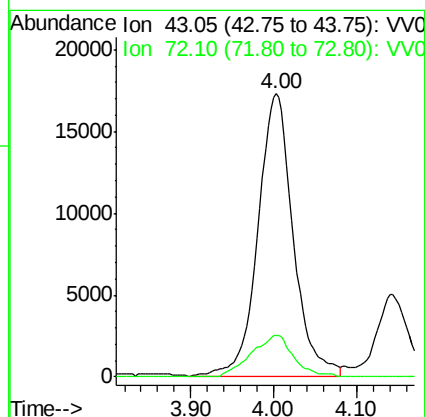
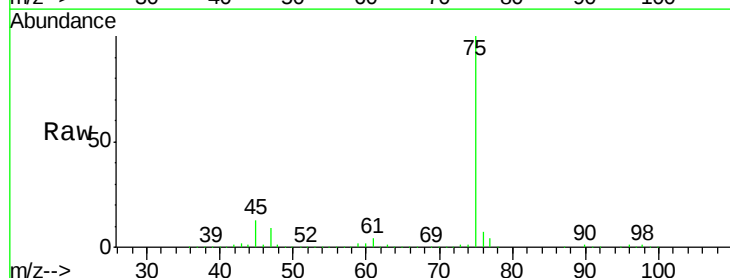
Instrument :
 MSVOA_V
 ClientSampled :
 BEXT3

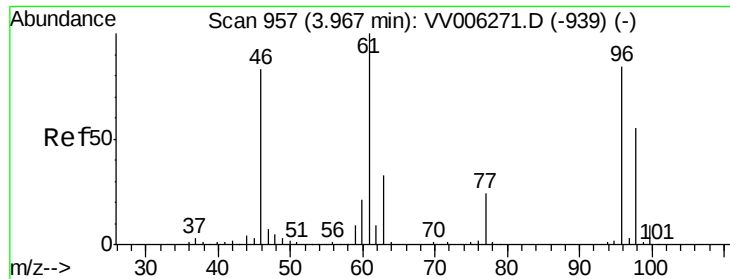
Tgt Ion: 63 Resp: 8676
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.3 41.3
 83 12.2 10.0 18.6



#21
 2-Butanone
 Concen: 14.783 ug/L
 RT: 4.00 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: VV006279.D
 Acq: 15 Jun 2018 13:47

Tgt Ion: 43 Resp: 51588
 Ion Ratio Lower Upper
 43 100
 72 17.6 13.8 41.3

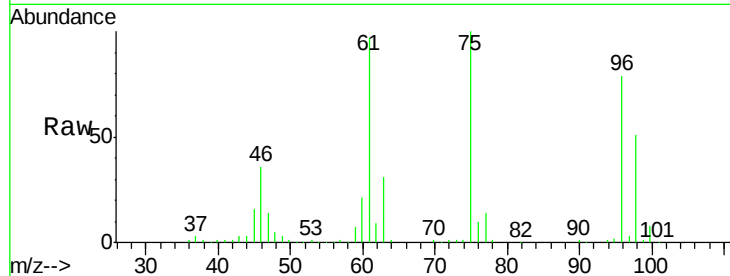




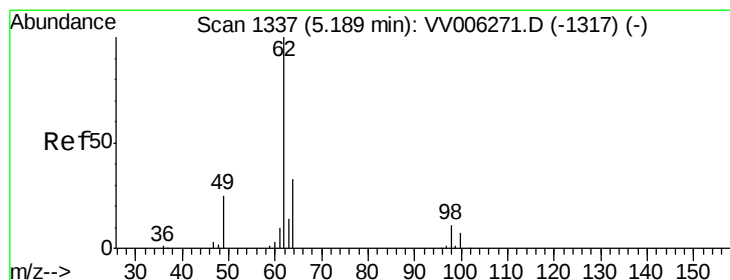
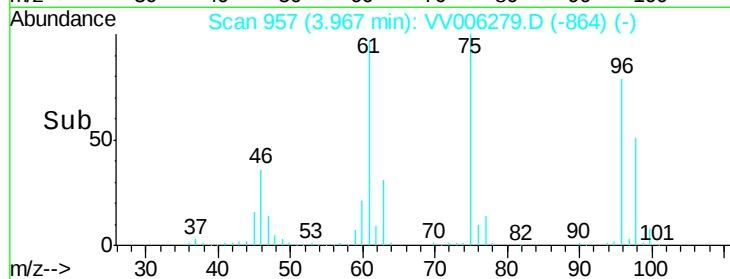
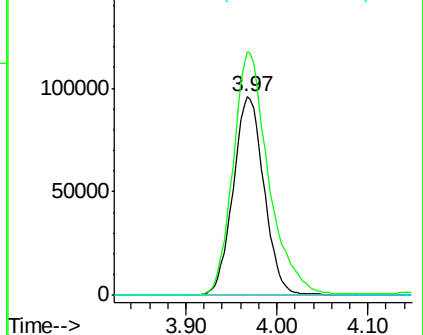
#22
 cis-1,2-Dichloroethene
 Concen: 10.975 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006279.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_V
 ClientSampled :
 BEXT3

Tgt Ion: 96 Resp: 226966
 Ion Ratio Lower Upper
 96 100
 61 122.8 84.1 156.3
 68 0.0 0.3 0.5#

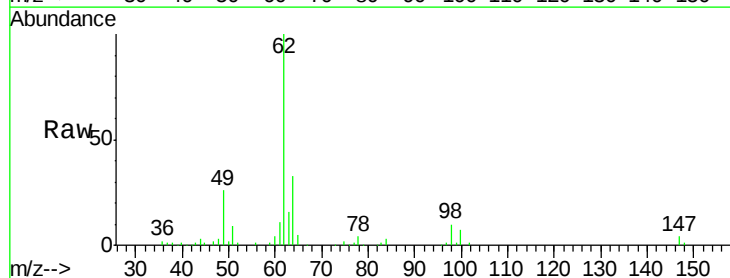


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

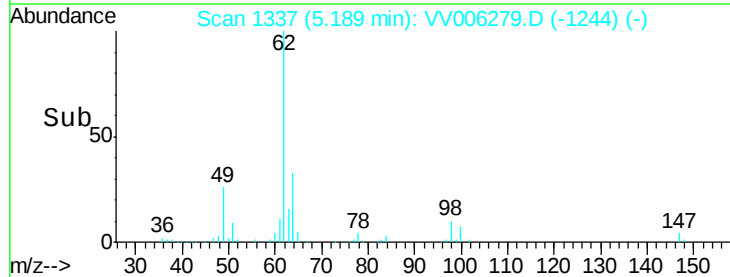
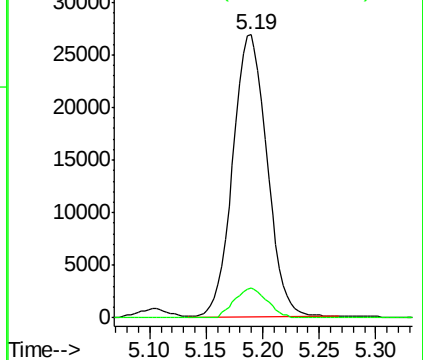


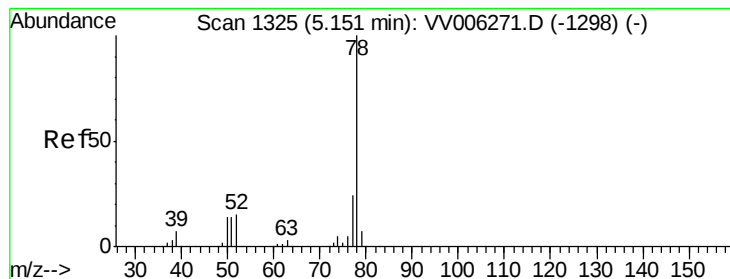
#27
 1,2-Dichloroethane
 Concen: 2.975 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VV006279.D
 Acq: 15 Jun 2018 13:47

Tgt Ion: 62 Resp: 56703
 Ion Ratio Lower Upper
 62 100
 98 10.4 8.6 12.8



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0





#33

Benzene

Concen: 0.580 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

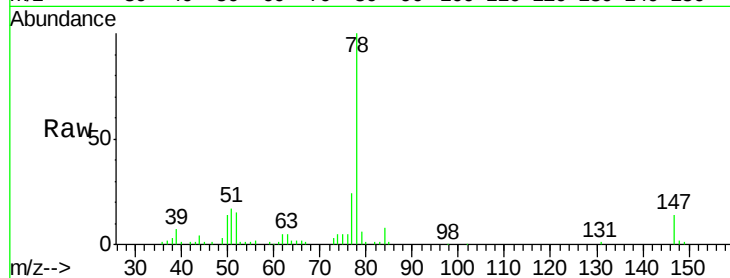
Instrument :

MSVOA_V

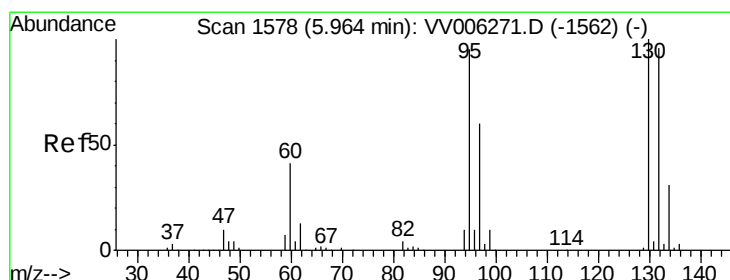
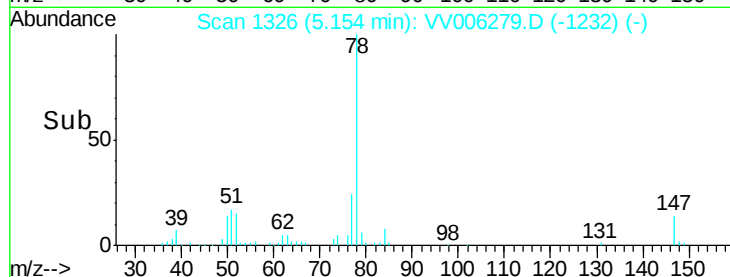
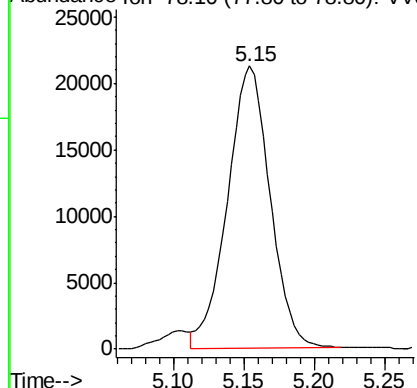
ClientSampleId :

BEXT3

Tgt Ion: 78 Resp: 44752



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 1.759 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

Tgt Ion: 95 Resp: 37053

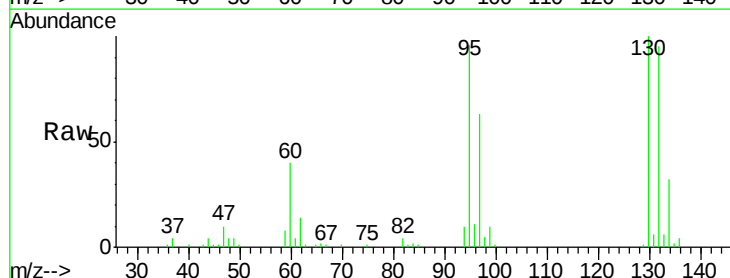
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.9
132	98.5	69.0	128.1
130	103.7	72.8	135.2

95 100

97 65.3 45.1 83.9

132 98.5 69.0 128.1

130 103.7 72.8 135.2

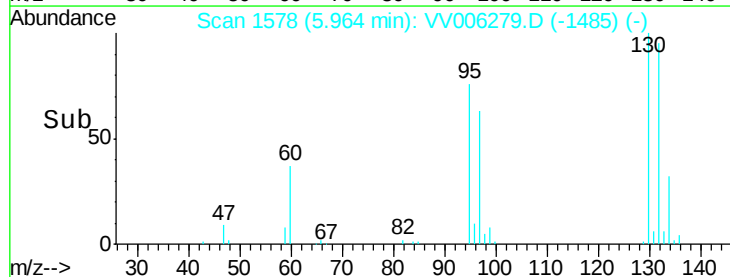
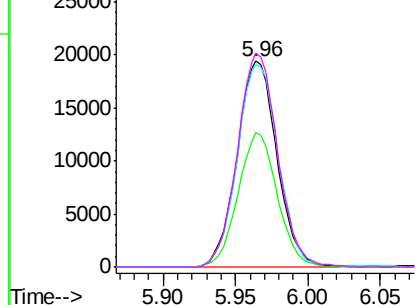


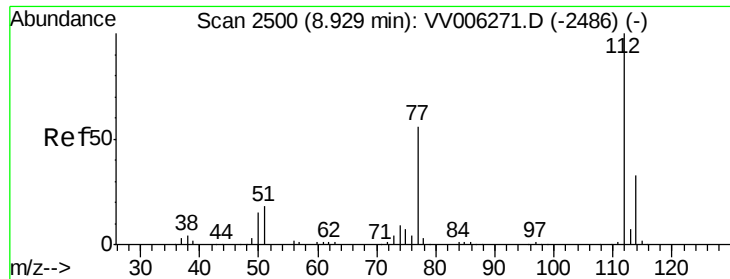
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#51

Chlorobenzene

Concen: 38.929 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_V

ClientSampleId :

BEXT3

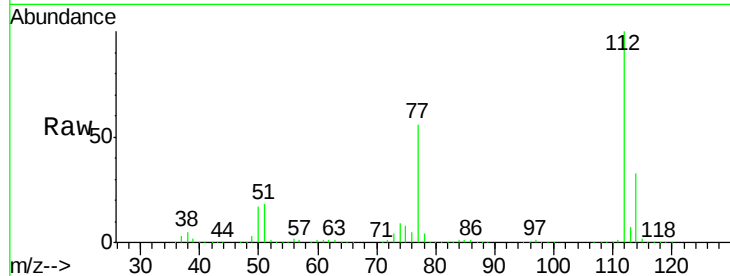
Tgt Ion:112 Resp: 2128869

Ion Ratio Lower Upper

112 100

114 32.8 22.2 41.2

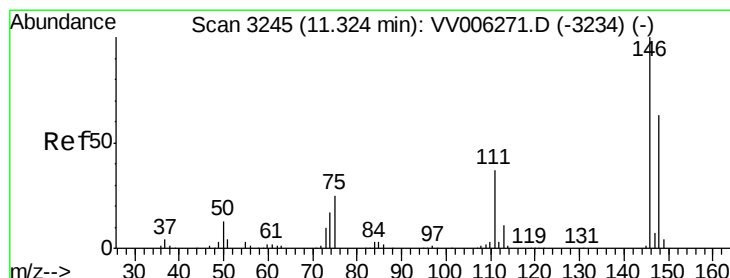
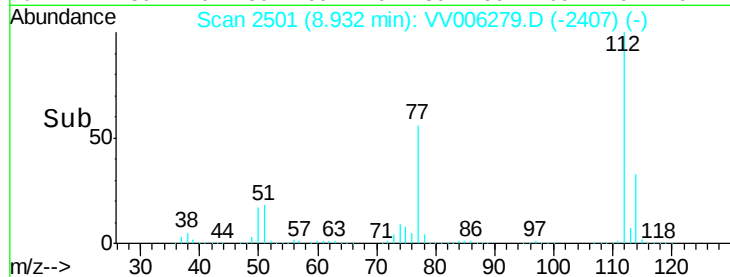
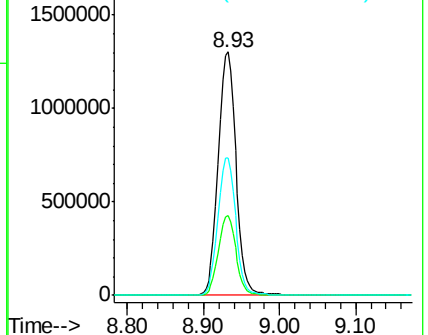
77 56.4 45.2 67.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.518 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

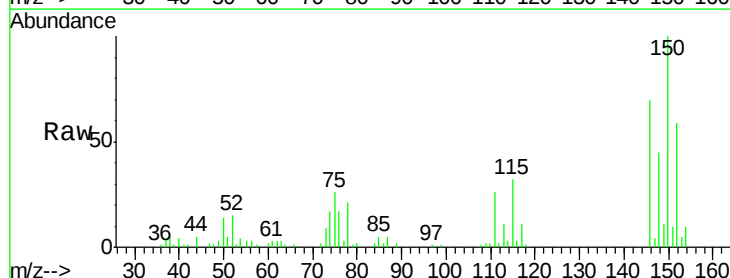
Tgt Ion:146 Resp: 20992

Ion Ratio Lower Upper

146 100

111 36.9 26.9 50.1

148 64.0 44.8 83.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

