

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 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 15 23:51:13 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
13) Acetone	2.19	43	3977	2.073 ug/L	95
15) Methyl Acetate	2.60	43	42999	7.532 ug/L #	59
17) Methyl tert-butyl Ether	2.66	73	14332	0.331 ug/L #	1
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
35) Methylcyclohexane	6.12	83	25671	0.709 ug/L #	24
37) 1,2-Dichloropropane	6.12	63	10616	0.574 ug/L #	85
48) 2-Hexanone	8.19	43	10786	1.605 ug/L #	83
51) Chlorobenzene	8.93	112	2128869	38.929 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20992	0.518 ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

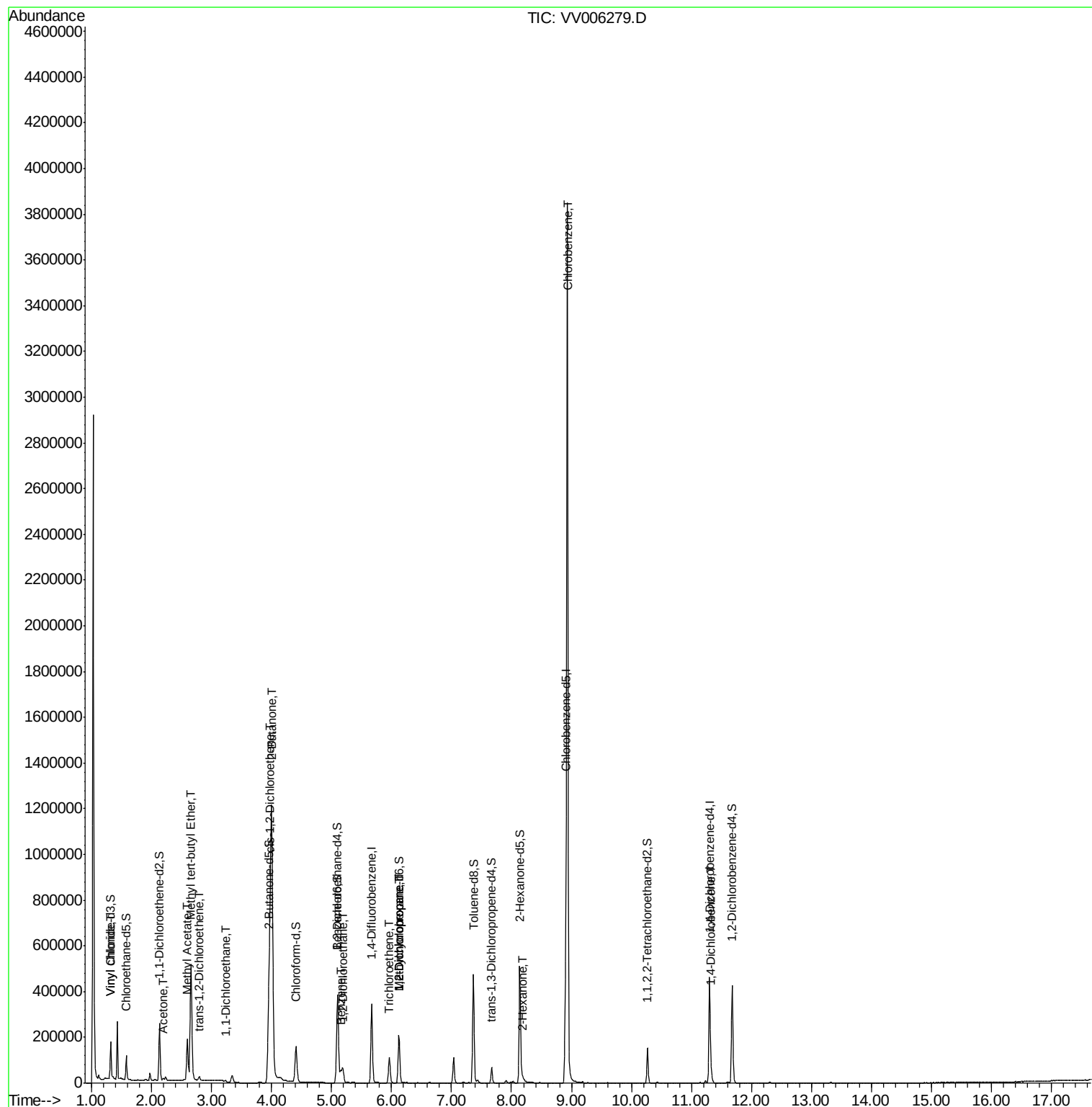
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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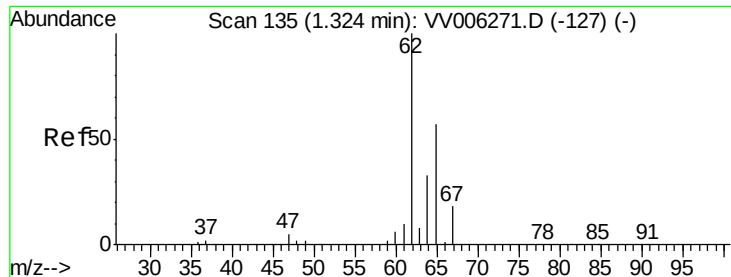
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
Data File : VV006279.D
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QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.245 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_V

ClientSampled :

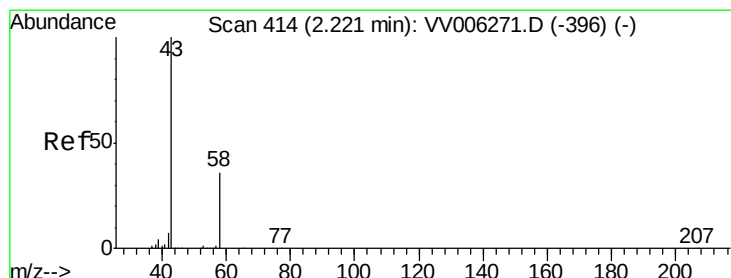
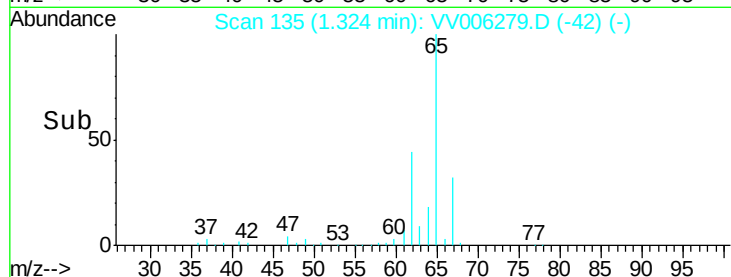
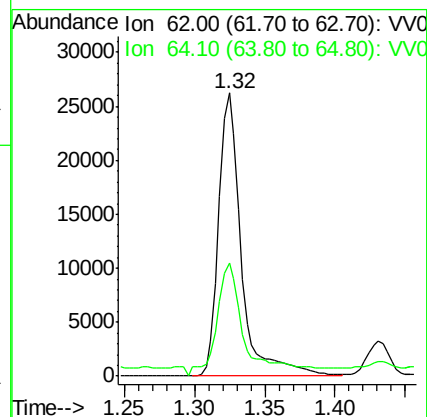
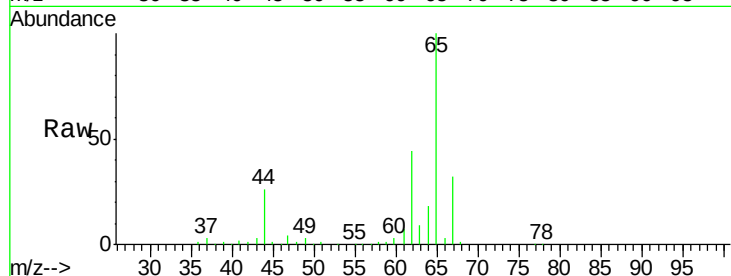
BEXT3

Tgt Ion: 62 Resp: 29313

Ion Ratio Lower Upper

62 100

64 39.8 23.1 42.9



#13

Acetone

Concen: 2.073 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.03 min

Lab File: VV006279.D

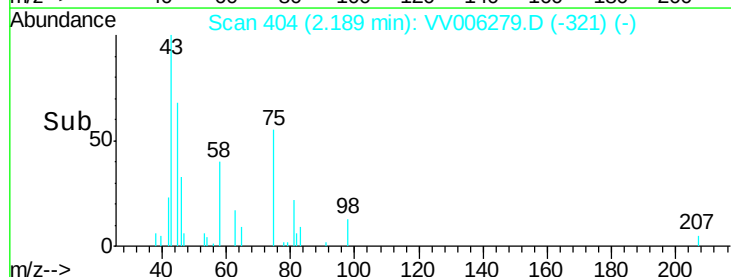
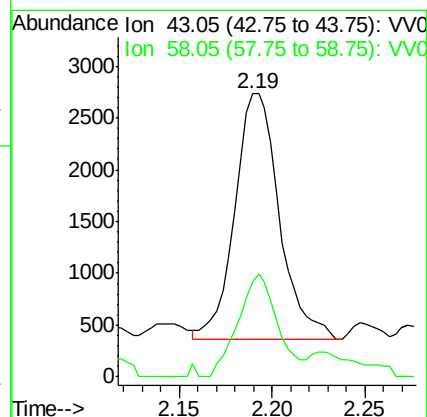
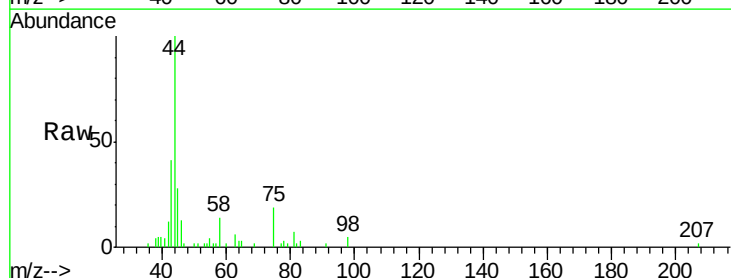
Acq: 15 Jun 2018 13:47

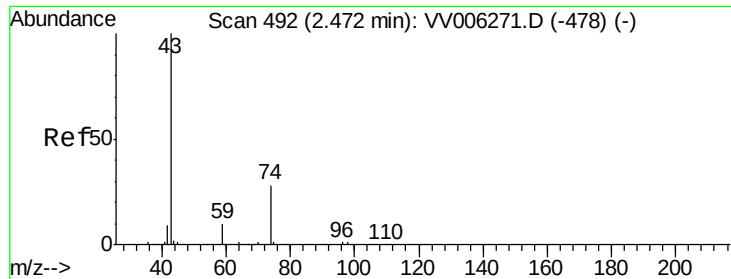
Tgt Ion: 43 Resp: 3977

Ion Ratio Lower Upper

43 100

58 36.6 0.0 67.4

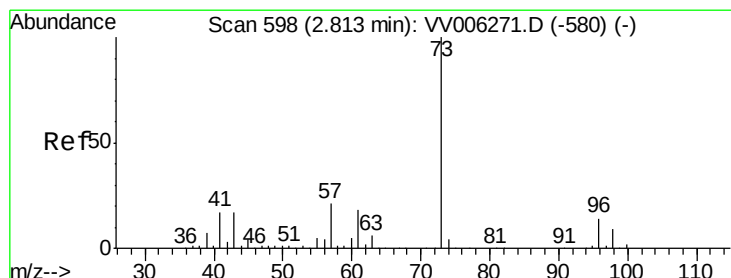
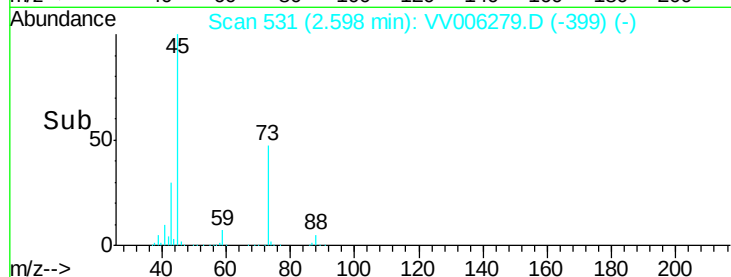
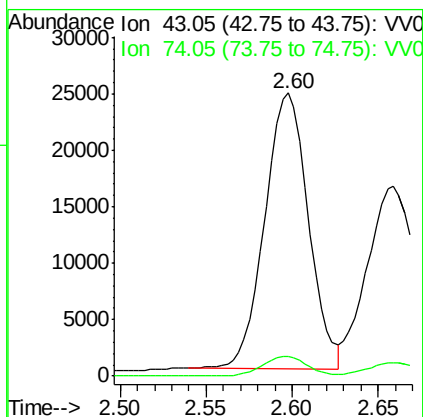
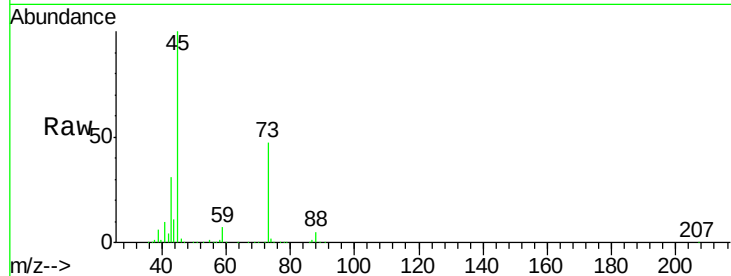




#15
Methyl Acetate
Concen: 7.532 ug/L
RT: 2.60 min Scan# 531
Delta R.T. 0.13 min
Lab File: VV006279.D
Acq: 15 Jun 2018 13:47

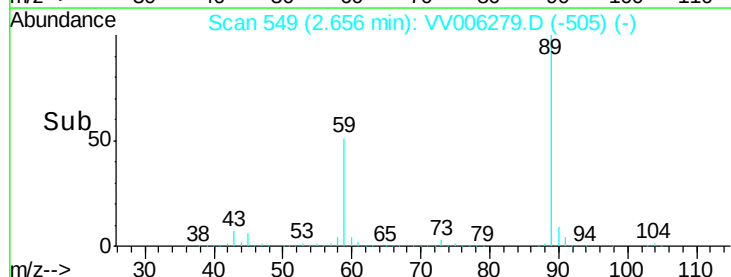
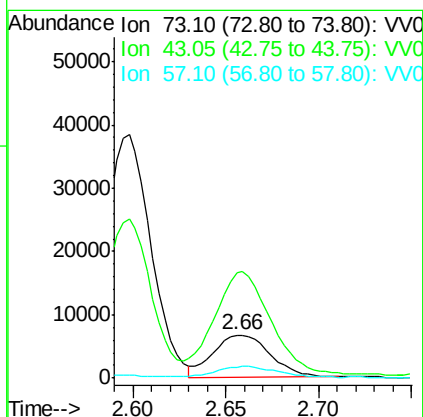
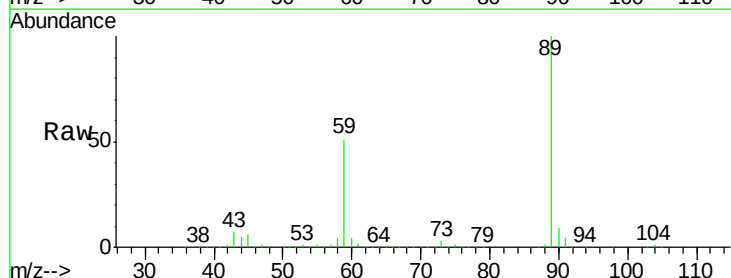
Instrument :
MSVOA_V
ClientSampled :
BEXT3

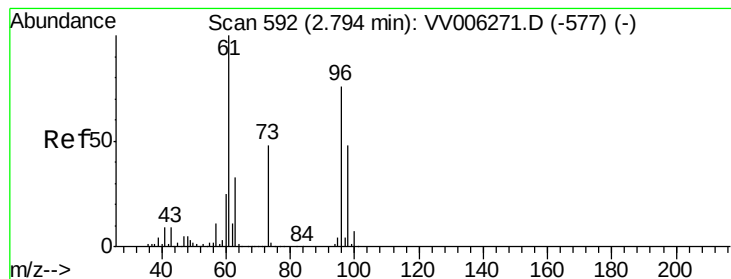
Tgt Ion: 43 Resp: 42999
Ion Ratio Lower Upper
43 100
74 7.3 23.4 35.0#



#17
Methyl tert-butyl Ether
Concen: 0.331 ug/L
RT: 2.66 min Scan# 549
Delta R.T. -0.16 min
Lab File: VV006279.D
Acq: 15 Jun 2018 13:47

Tgt Ion: 73 Resp: 14332
Ion Ratio Lower Upper
73 100
43 235.4 14.2 21.4#
57 29.0 16.8 25.2#





#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

Instrument :

MSVOA_V

ClientSampled :

BEXT3

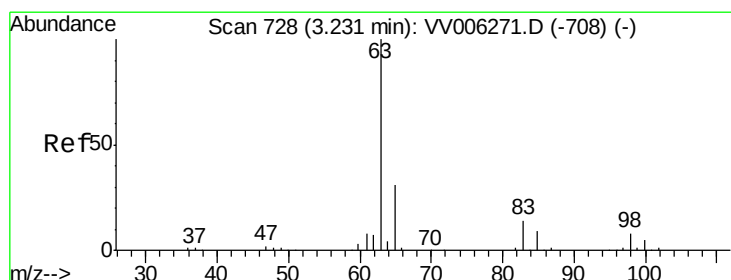
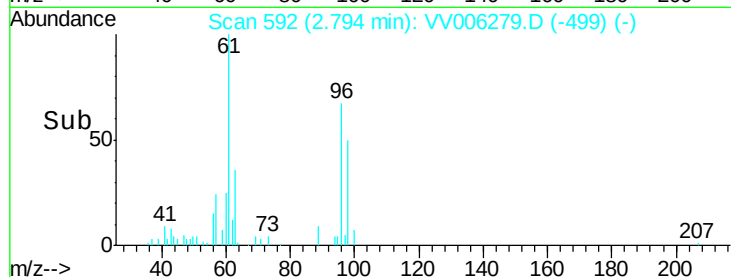
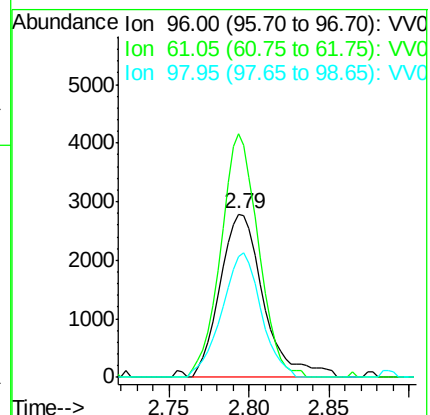
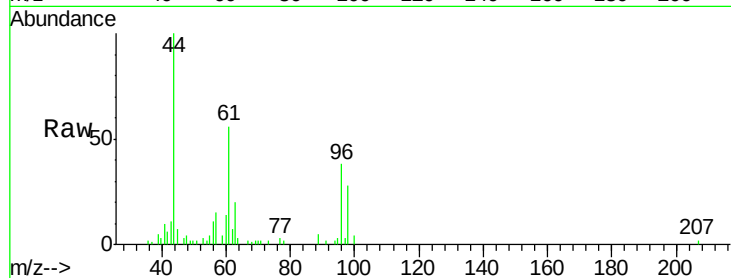
Tgt Ion: 96 Resp: 5203

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

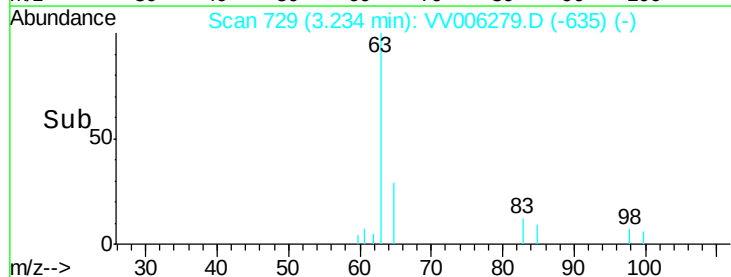
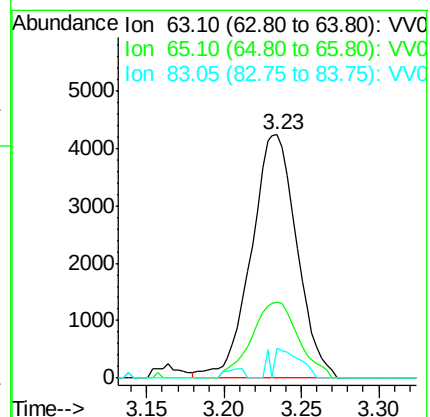
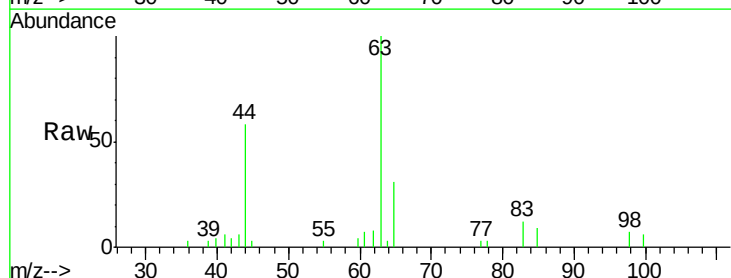
Tgt Ion: 63 Resp: 8676

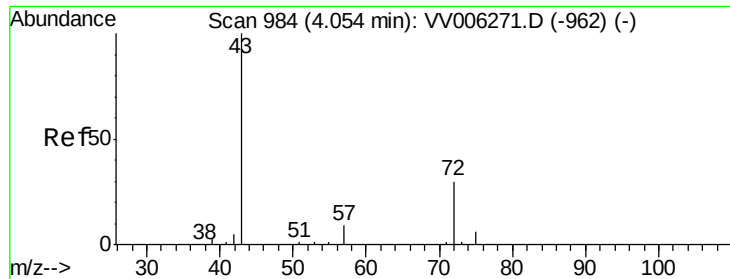
Ion Ratio Lower Upper

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

Instrument :

MSVOA_V

ClientSampleId :

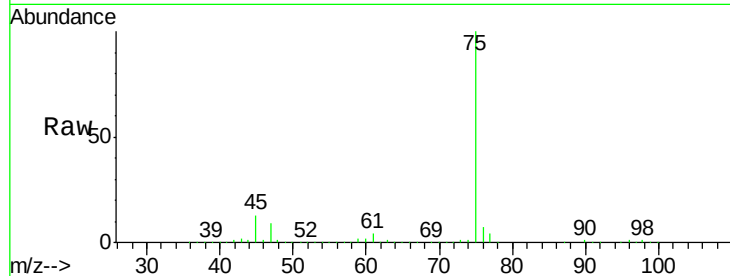
BEXT3

Tgt Ion: 43 Resp: 51588

Ion Ratio Lower Upper

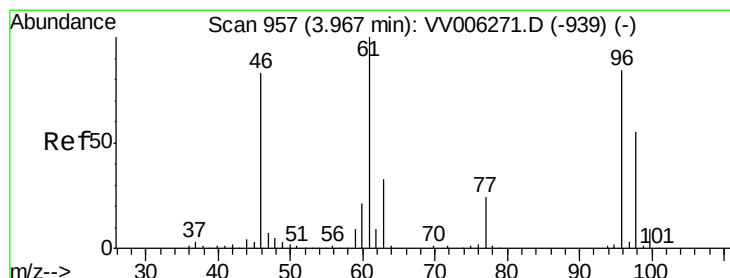
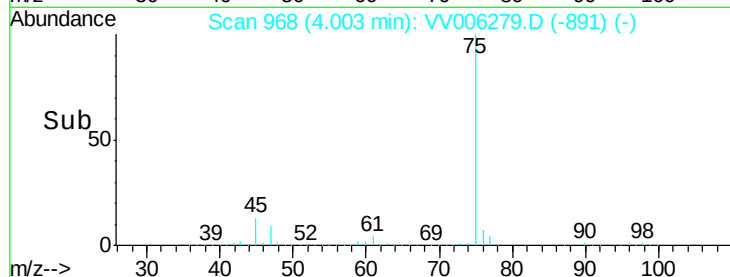
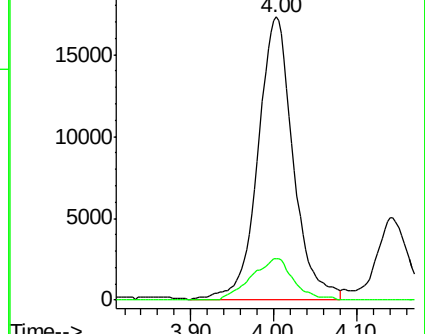
43 100

72 17.6 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#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

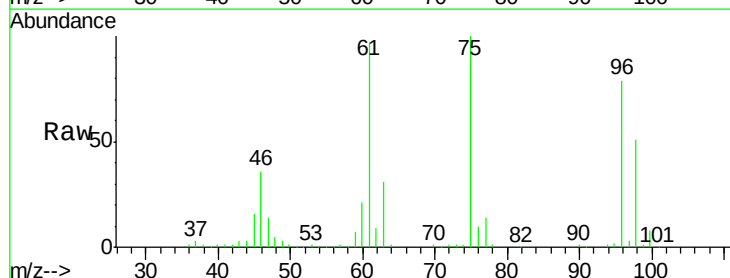
Tgt Ion: 96 Resp: 226966

Ion Ratio Lower Upper

96 100

61 122.8 84.1 156.3

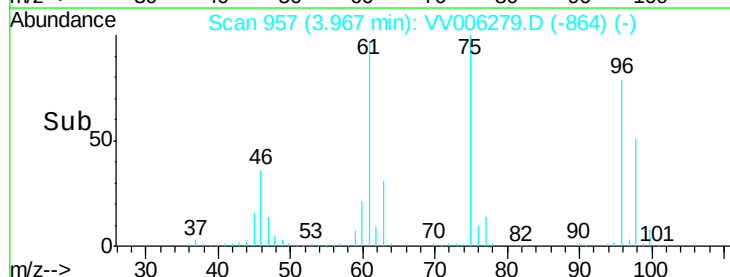
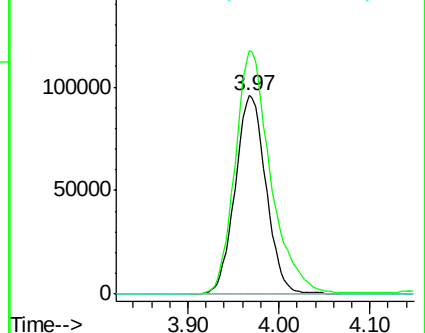
68 0.0 0.3 0.5#

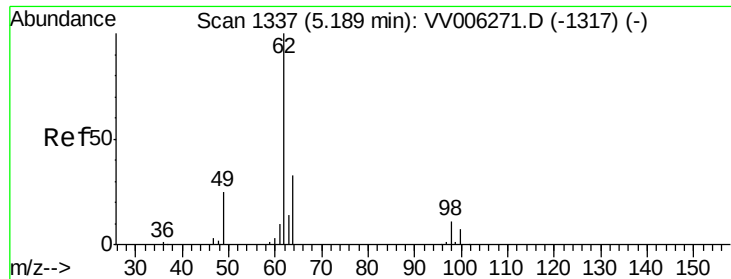


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

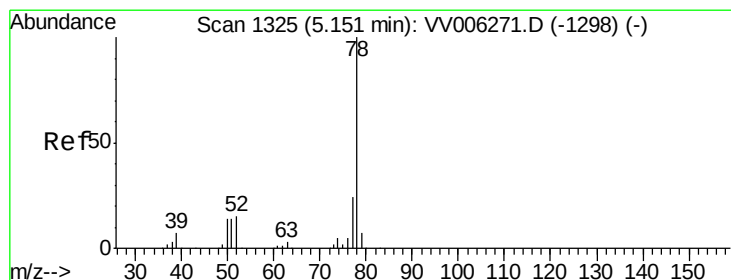
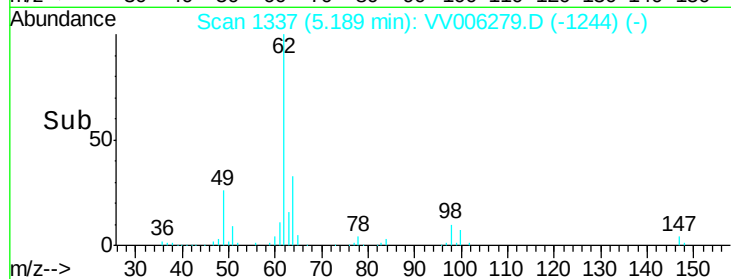
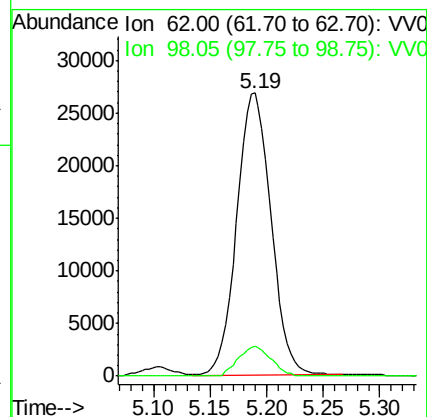
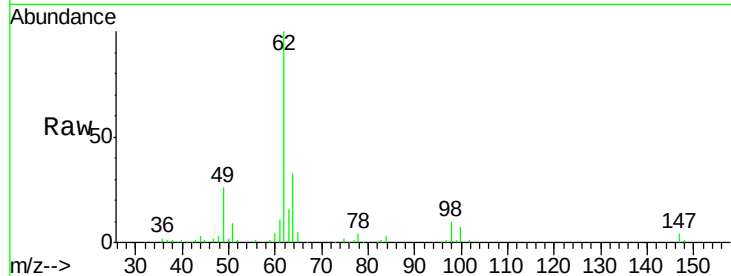




#27
 1,2-Dichloroethane
 Concen: 2.975 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VV006279.D
 Acq: 15 Jun 2018 13:47

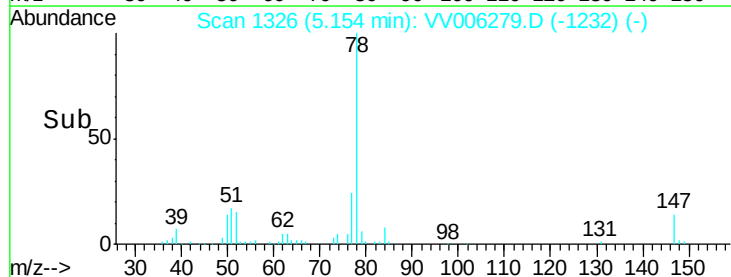
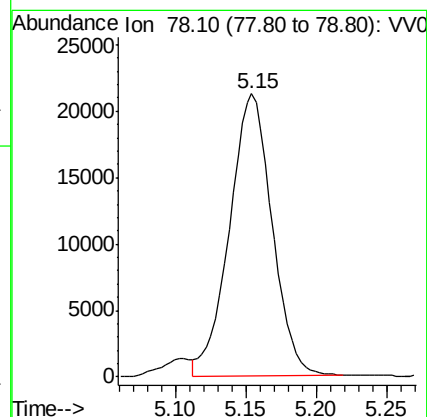
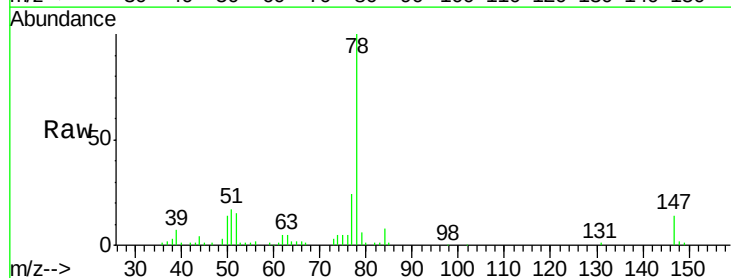
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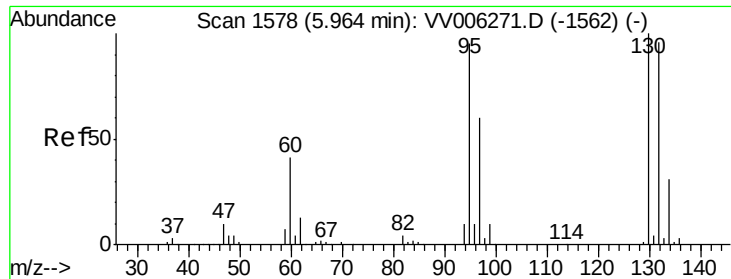
Tgt Ion: 62 Resp: 56703
 Ion Ratio Lower Upper
 62 100
 98 10.4 8.6 12.8



#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

Tgt Ion: 78 Resp: 44752





#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

Instrument :

MSVOA_V

ClientSampleId :

BEXT3

Tgt Ion: 95 Resp: 37053

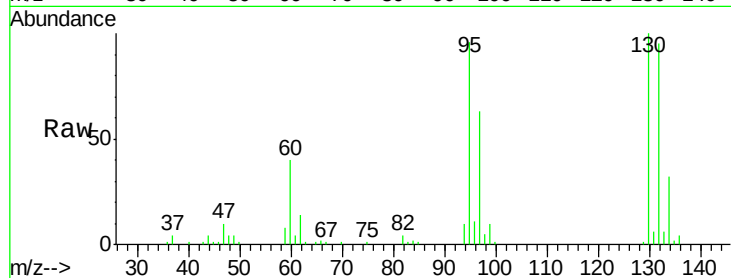
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.9

132 98.5 69.0 128.1

130 103.7 72.8 135.2

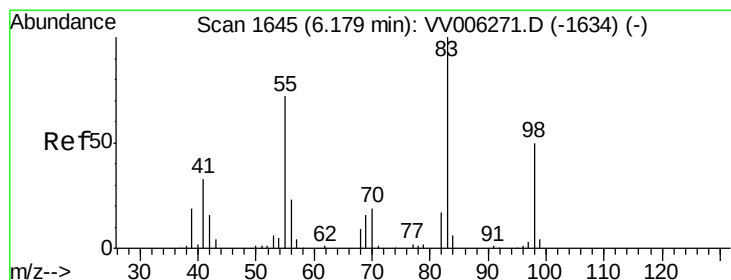
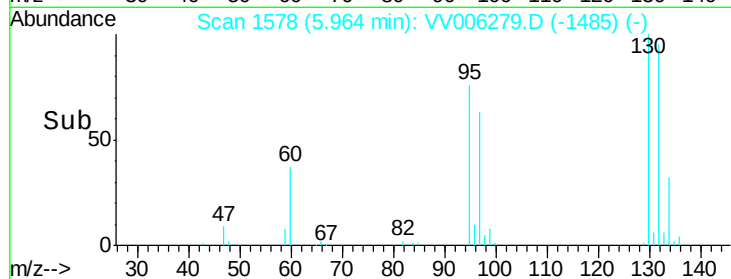
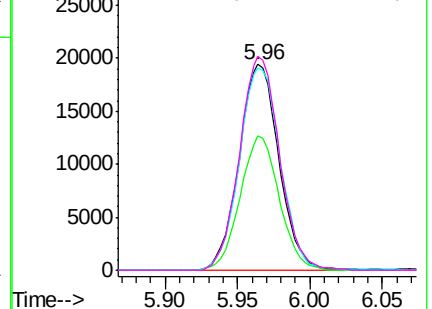


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

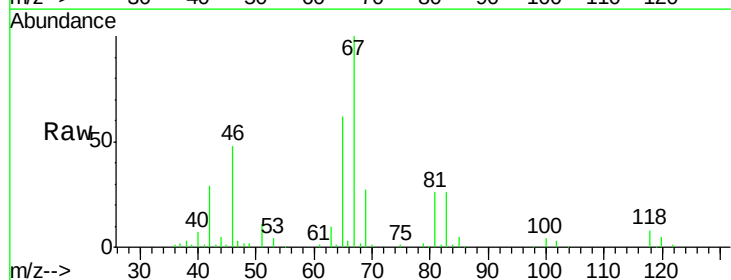
Tgt Ion: 83 Resp: 25671

Ion Ratio Lower Upper

83 100

55 0.6 57.5 86.3#

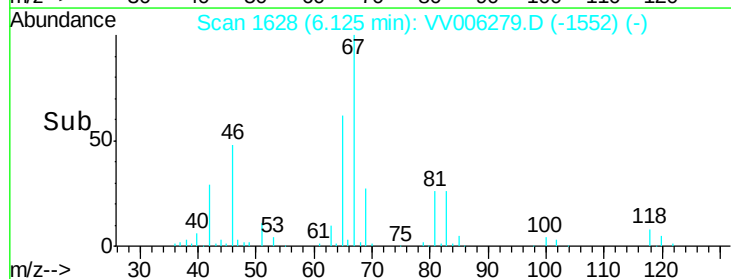
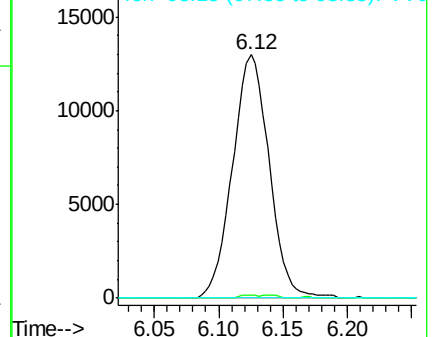
98 7.3 39.8 59.8#

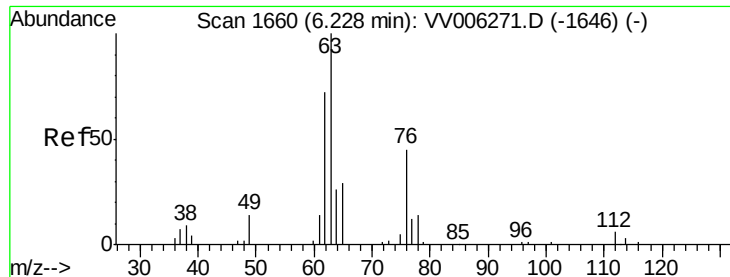


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_V

ClientSampleId :

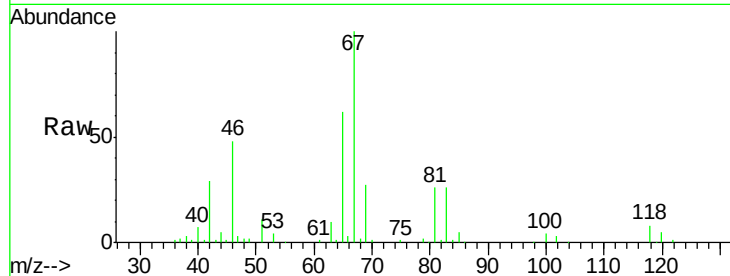
BEXT3

Tgt Ion: 63 Resp: 10616

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

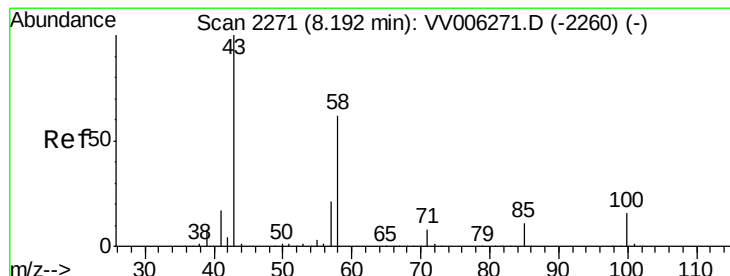
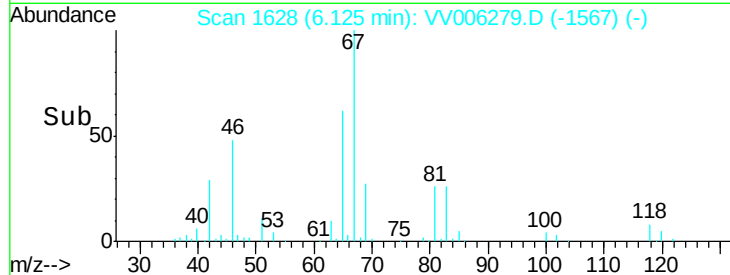


Abundance Ion 63.10 (62.80 to 63.80): VV006279.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006279.D (-1567) (-)

6.12

Time-->



#48

2-Hexanone

Concen: 1.605 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006279.D

Acq: 15 Jun 2018 13:47

Tgt Ion: 43 Resp: 10786

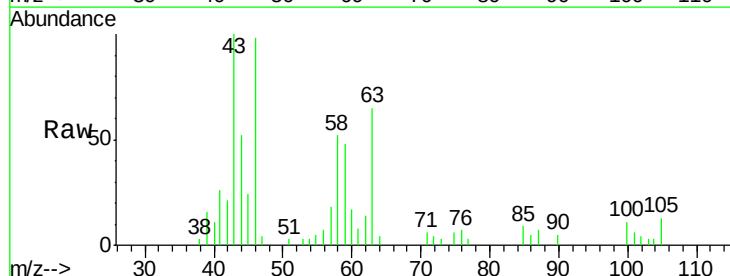
Ion Ratio Lower Upper

43 100

58 44.9 48.6 72.8#

57 18.2 17.5 26.3

100 10.1 12.6 18.8#



Abundance Ion 43.05 (42.75 to 43.75): VV006279.D (-2178) (-)

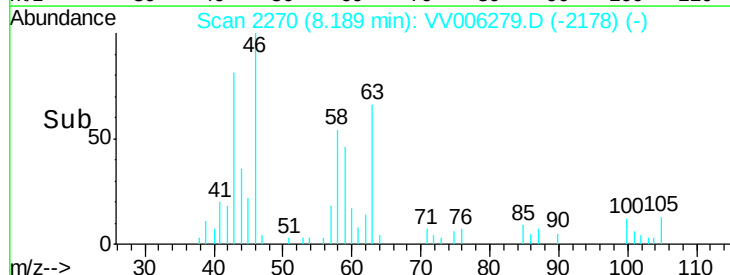
Ion 58.05 (57.75 to 58.75): VV006279.D (-2178) (-)

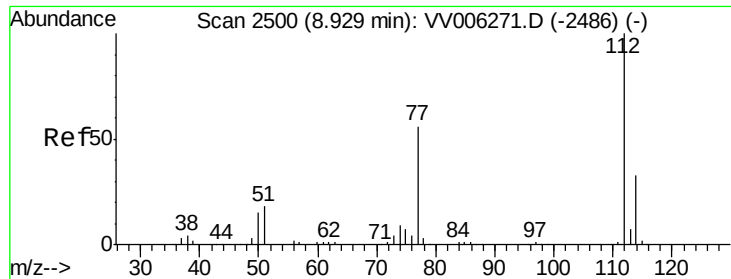
Ion 57.20 (56.90 to 57.90): VV006279.D (-2178) (-)

Ion 100.15 (99.85 to 100.85): VV006279.D (-2178) (-)

8.19

Time-->





#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

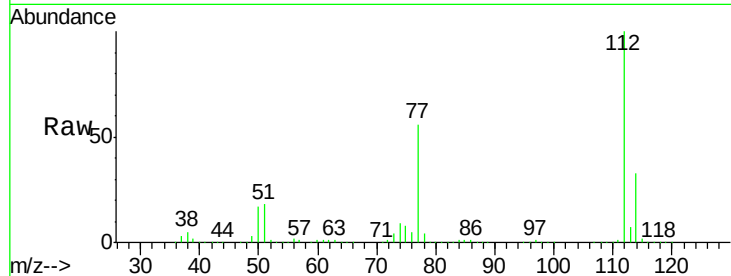
Tgt Ion:112 Resp: 2128869

Ion Ratio Lower Upper

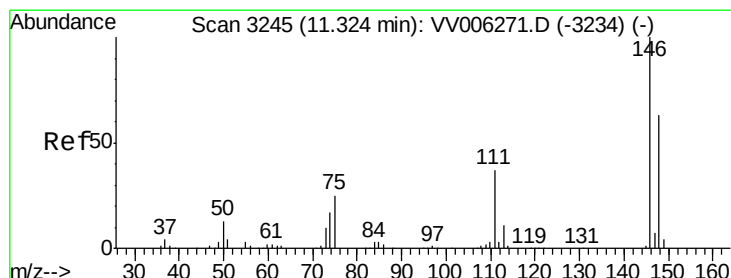
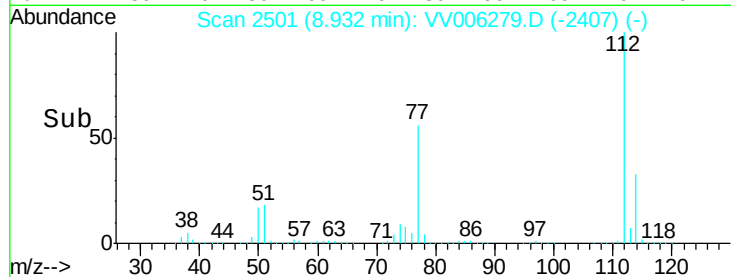
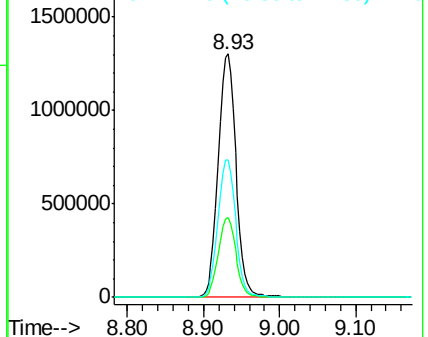
112 100

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

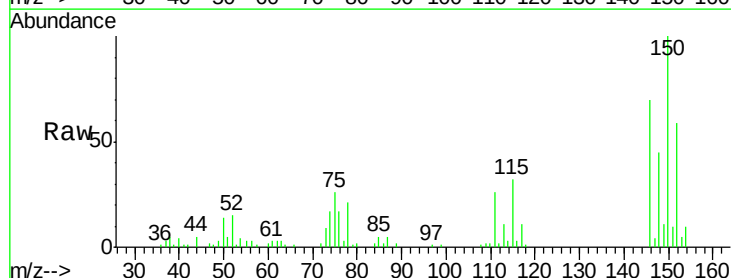
Tgt Ion:146 Resp: 20992

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

