

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006283.D
 Acq On : 15 Jun 2018 15:35
 Operator : SY/MD
 Sample : J3397-07 2000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT6

Quant Time: Jun 15 23:51:50 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	326011	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	292402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91234	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	76202	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	129735	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.97	46	196324	51.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	4.41	84	158257	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	81122	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.11	84	349321	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	102898	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.37	98	329841	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	36175	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	171521	42.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66481	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	118362	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	26174	1.041 ug/L	94
13) Acetone	2.23	43	1272	0.621 ug/L	79
21) 2-Butanone	3.97	43	1130	0.303 ug/L	75
22) cis-1,2-Dichloroethene	3.97	96	32597	1.476 ug/L #	100
27) 1,2-Dichloroethane	5.15	62	20047	0.985 ug/L #	72
33) Benzene	5.15	78	2404437	29.826 ug/L	100
35) Methylcyclohexane	6.12	83	25354	0.670 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11233	0.582 ug/L #	85
42) Toluene	7.44	91	1973922	22.182 ug/L	100
48) 2-Hexanone	8.19	43	12865	1.832 ug/L #	78
51) Chlorobenzene	8.93	112	648955	11.359 ug/L	99
52) Ethylbenzene	9.06	91	69057	0.697 ug/L	99
53) m,p-xylene	9.19	106	101259	2.618 ug/L	99
54) o-xylene	9.59	106	28128	0.744 ug/L	99
62) 1,3-Dichlorobenzene	11.32	146	22474	0.538 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	22474	0.544 ug/L	99

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QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

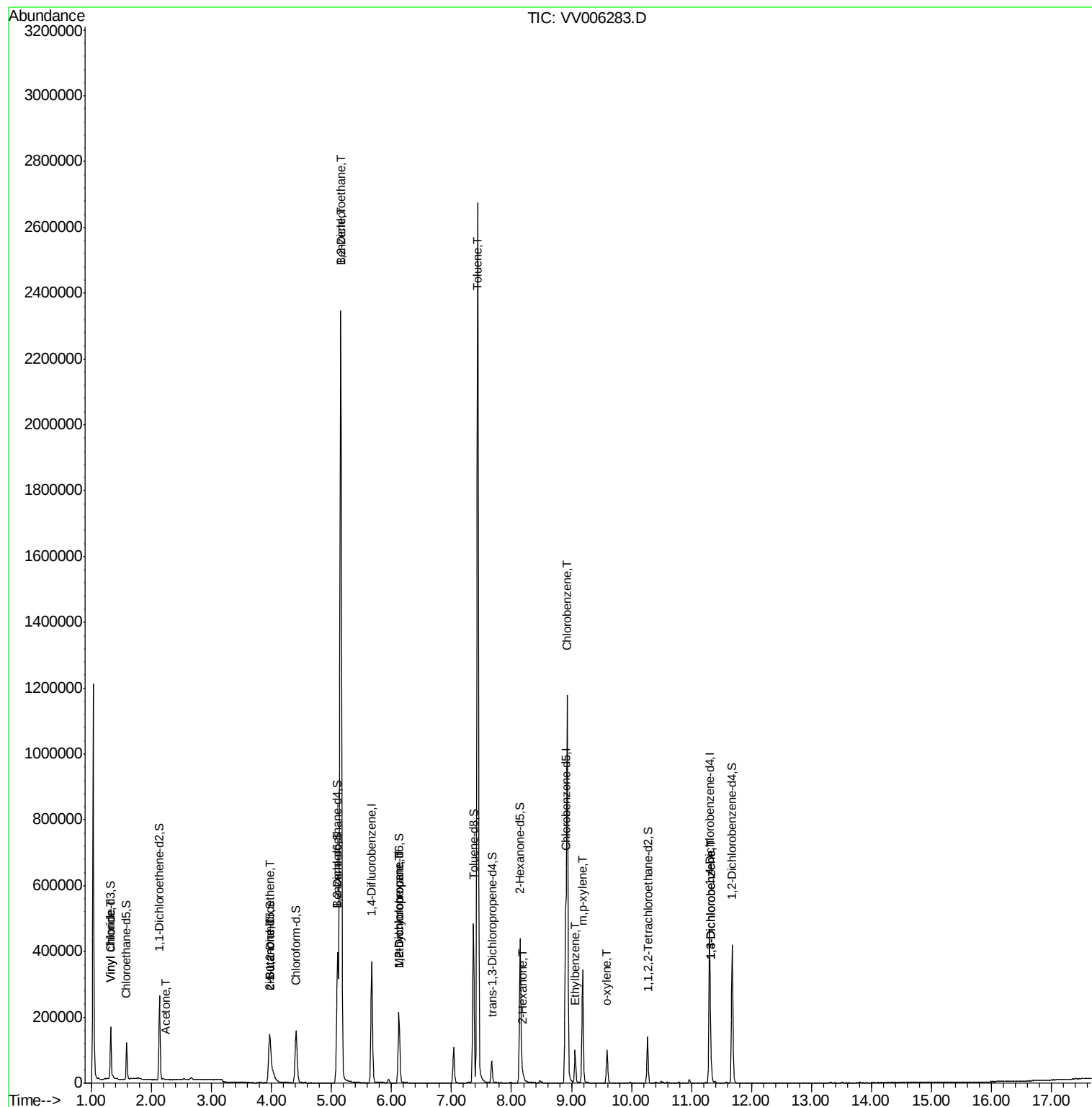
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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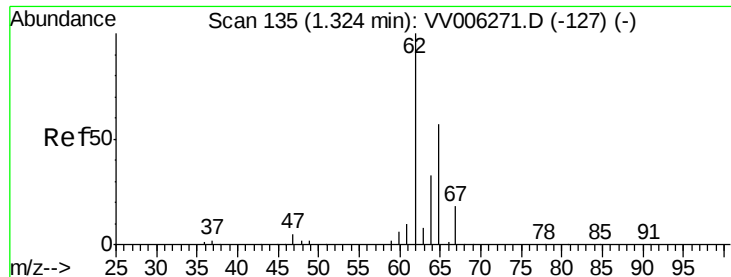
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
Data File : VV006283.D
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#5

Vinyl chloride

Concen: 1.041 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

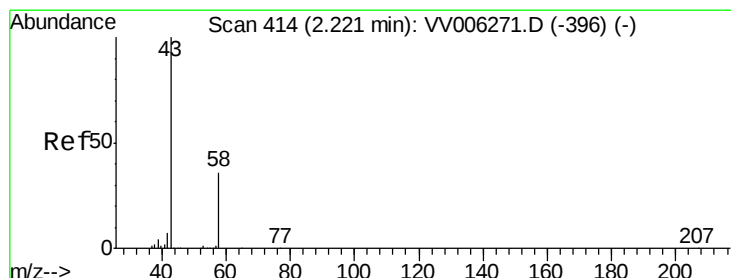
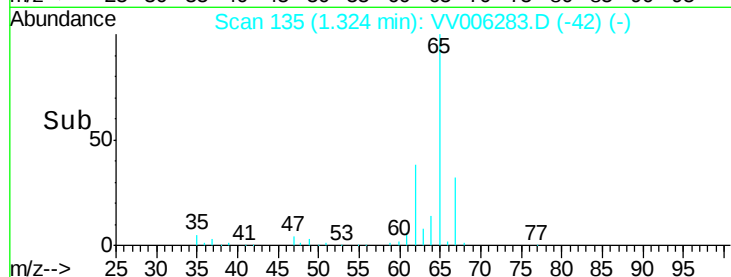
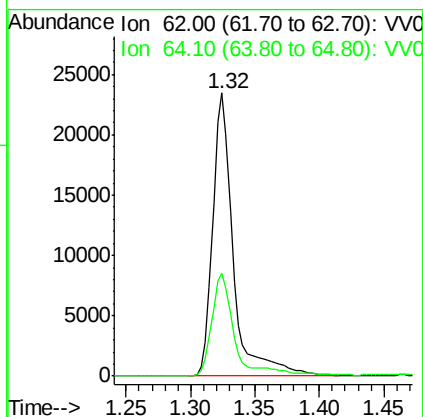
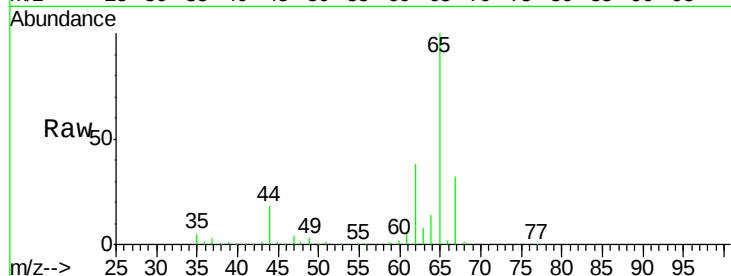
Instrument :
MSVOA_V
ClientSampleId :
BEXT6

Tgt Ion: 62 Resp: 26174

Ion Ratio Lower Upper

62 100

64 36.5 23.1 42.9



#13

Acetone

Concen: 0.621 ug/L

RT: 2.23 min Scan# 416

Delta R.T. 0.01 min

Lab File: VV006283.D

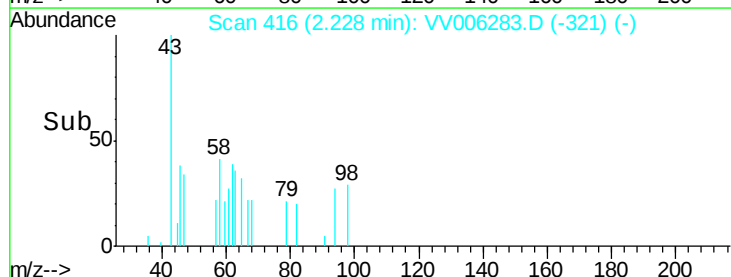
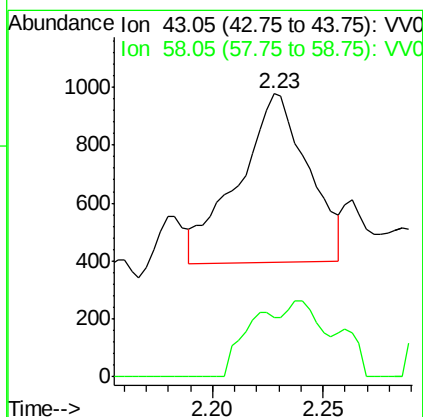
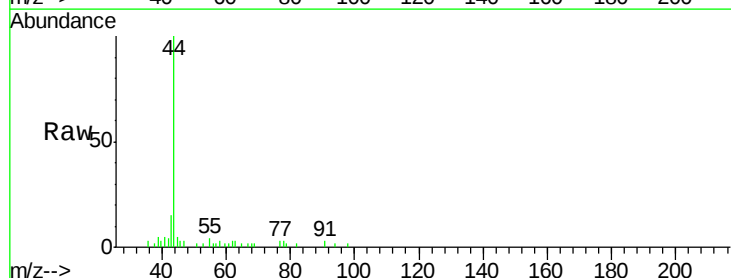
Acq: 15 Jun 2018 15:35

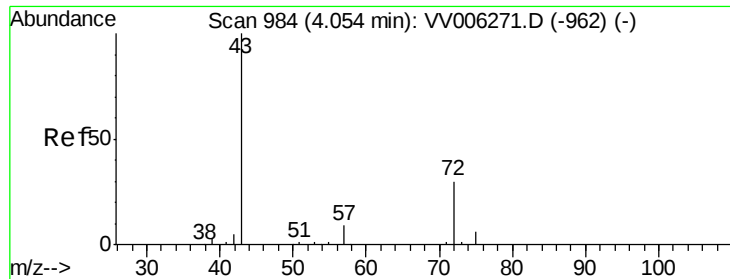
Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

43 100

58 21.9 0.0 67.4





#21

2-Butanone

Concen: 0.303 ug/L

RT: 3.97 min Scan# 958

Delta R.T. -0.08 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

Instrument :

MSVOA_V

ClientSampled :

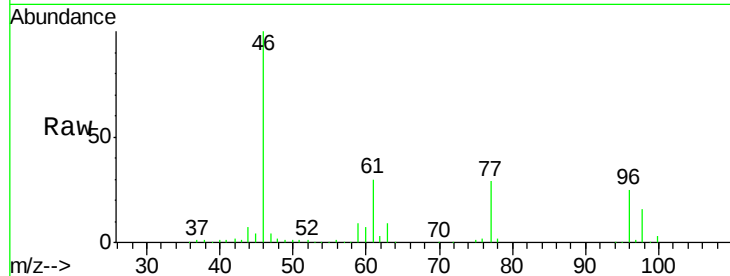
BEXT6

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

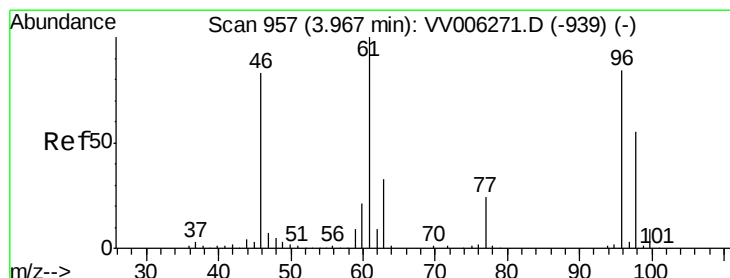
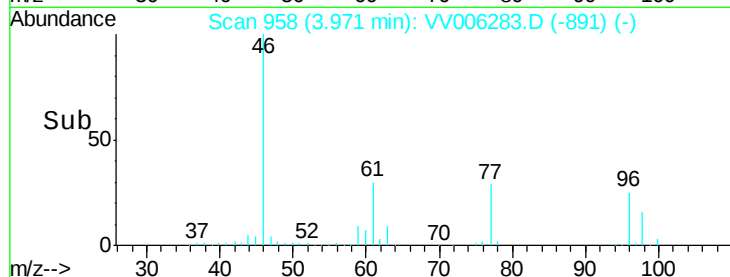
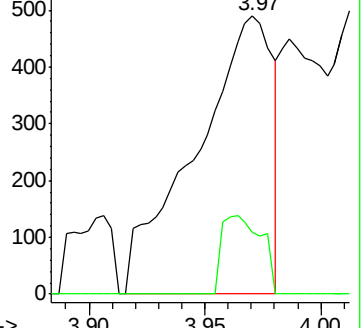
43 100

72 14.4 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: 1.476 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

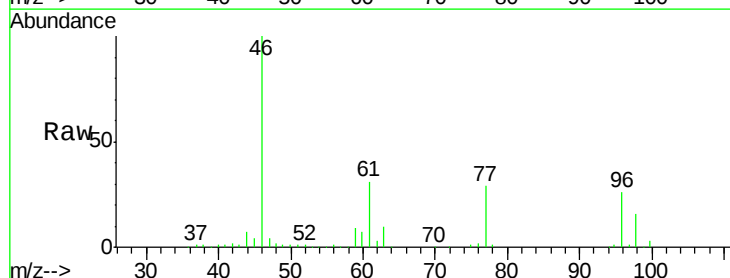
Tgt Ion: 96 Resp: 32597

Ion Ratio Lower Upper

96 100

61 120.2 84.1 156.3

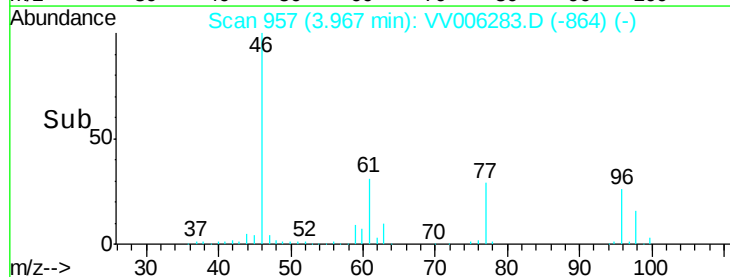
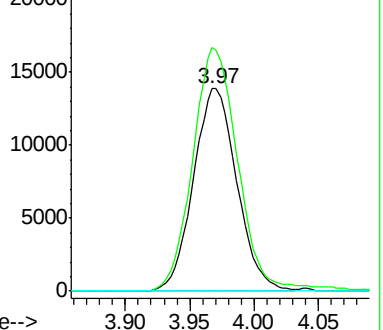
68 0.0 0.3 0.5#

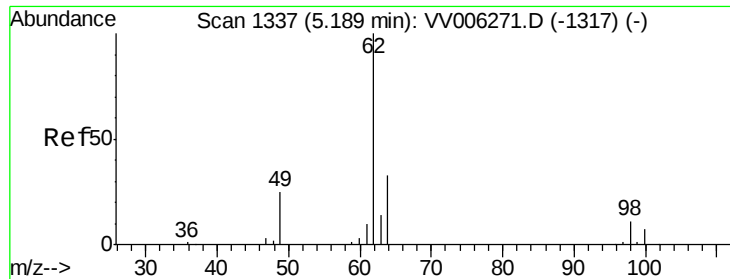


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

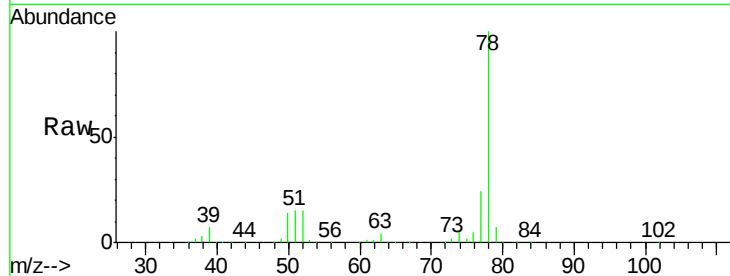




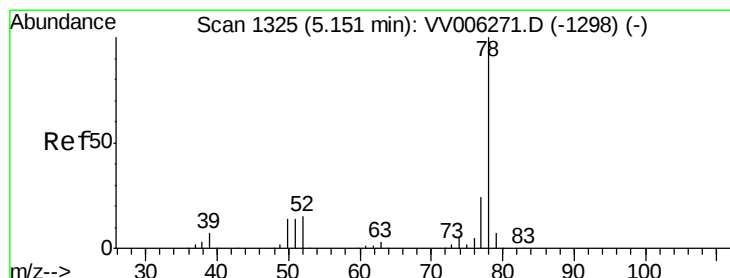
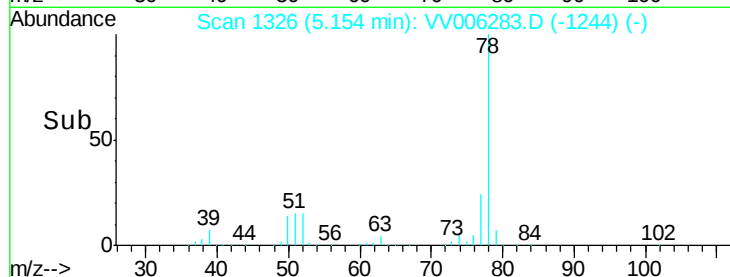
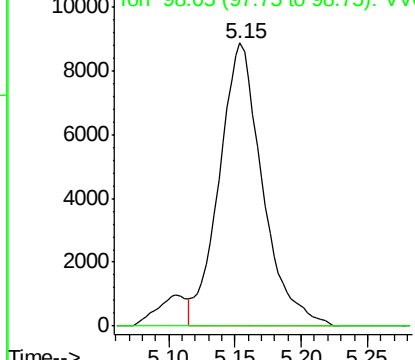
#27
 1,2-Dichloroethane
 Concen: 0.985 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: VV006283.D
 Acq: 15 Jun 2018 15:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT6

Tgt Ion: 62 Resp: 20047
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 12.8#

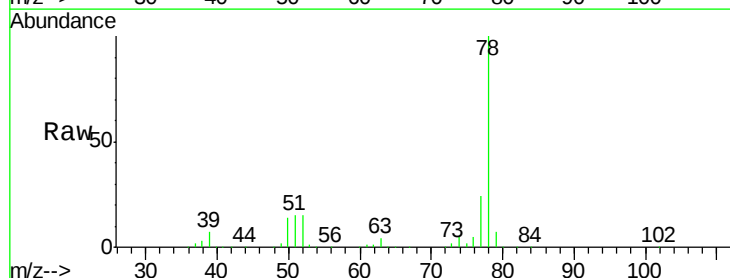


Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

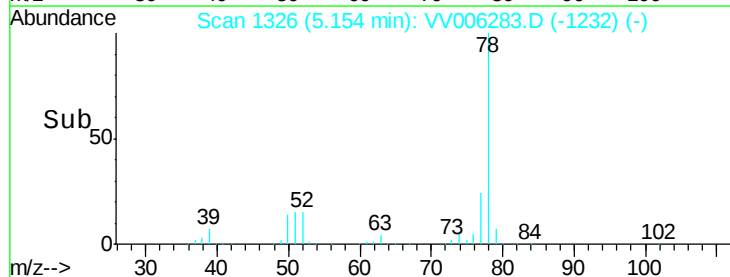
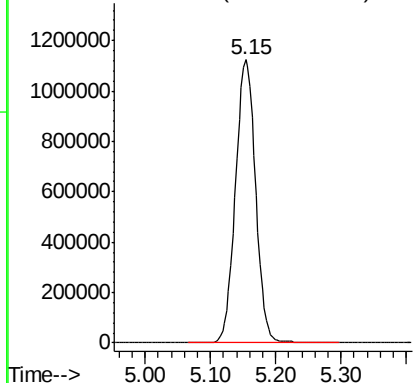


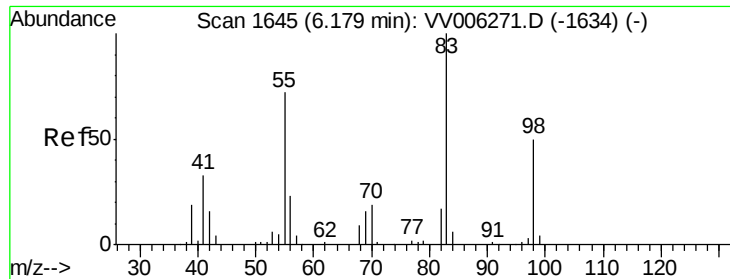
#33
 Benzene
 Concen: 29.826 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006283.D
 Acq: 15 Jun 2018 15:35

Tgt Ion: 78 Resp: 2404437



Abundance Ion 78.10 (77.80 to 78.80): VV0

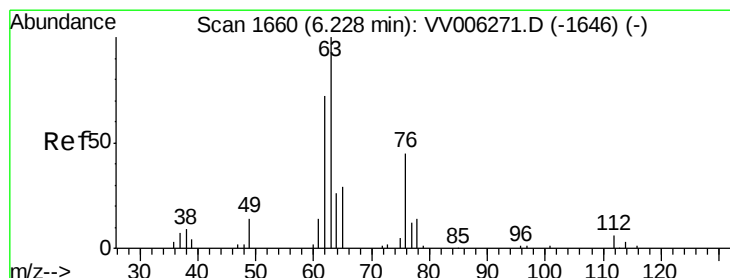
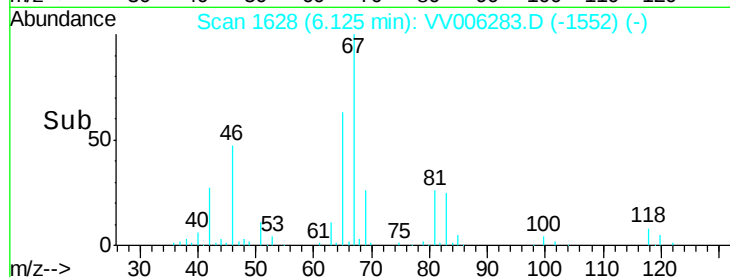
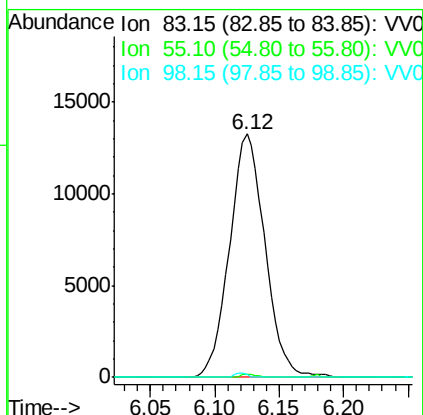
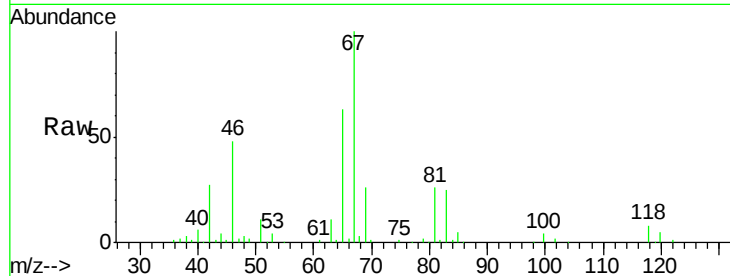




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006283.D
Acq: 15 Jun 2018 15:35

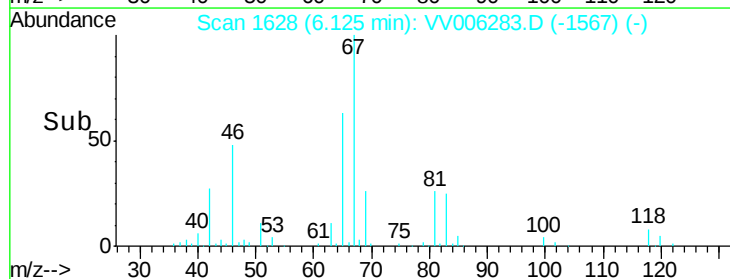
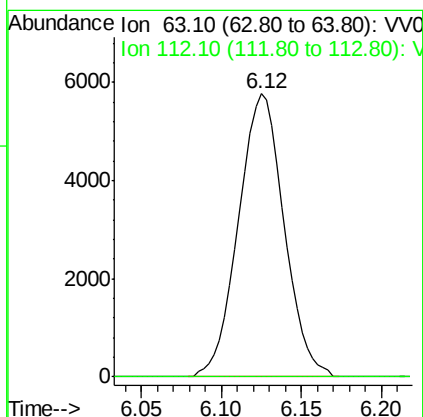
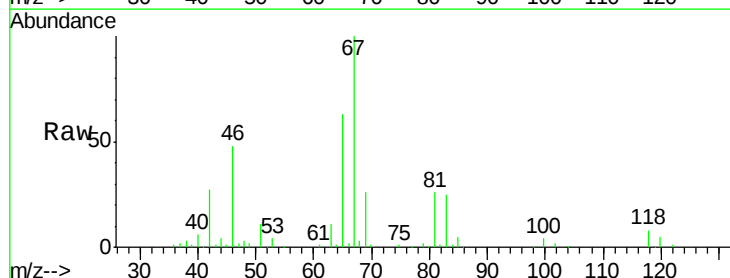
Instrument :
MSVOA_V
ClientSampled :
BEXT6

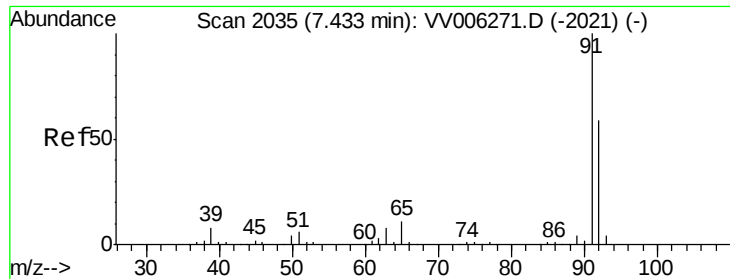
Tgt Ion: 83 Resp: 25354
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 0.6 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006283.D
Acq: 15 Jun 2018 15:35

Tgt Ion: 63 Resp: 11233
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#42

Toluene

Concen: 22.182 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

Instrument :

MSVOA_V

ClientSampleId :

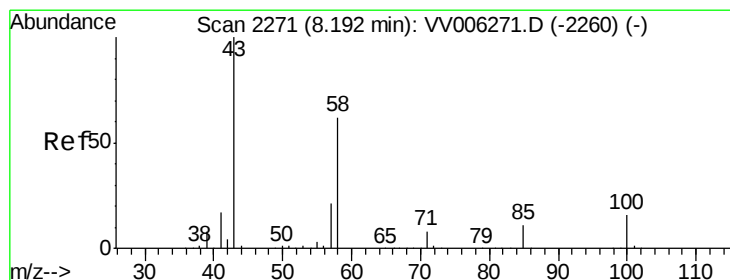
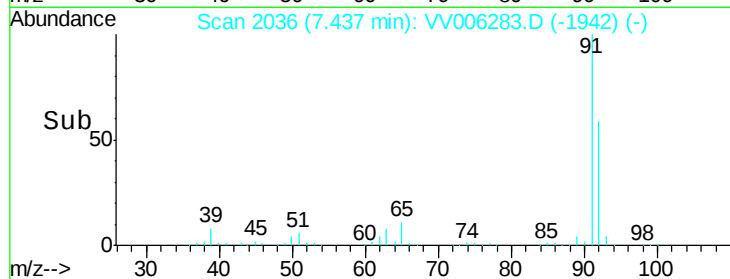
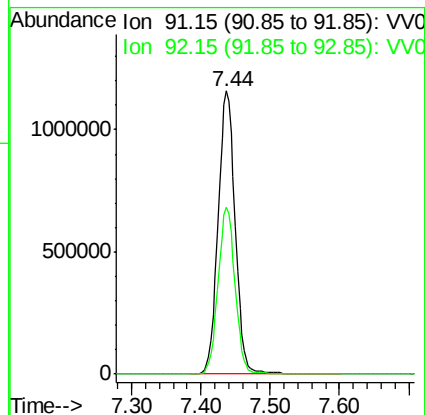
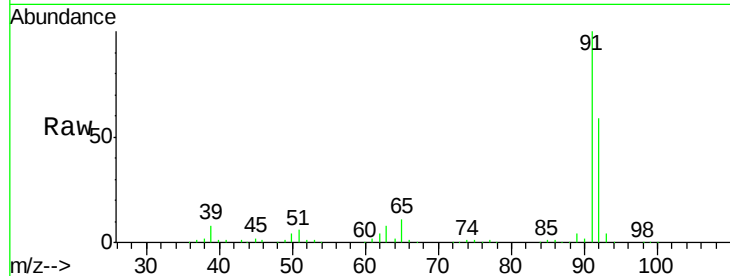
BEXT6

Tgt Ion: 91 Resp: 1973922

Ion Ratio Lower Upper

91 100

92 58.9 41.1 76.3



#48

2-Hexanone

Concen: 1.832 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

Tgt Ion: 43 Resp: 12865

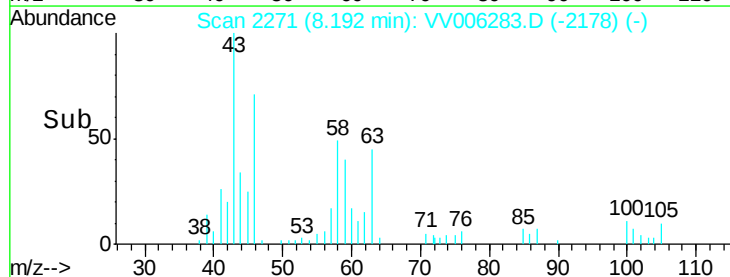
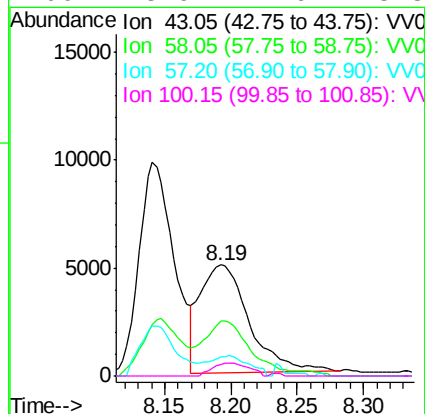
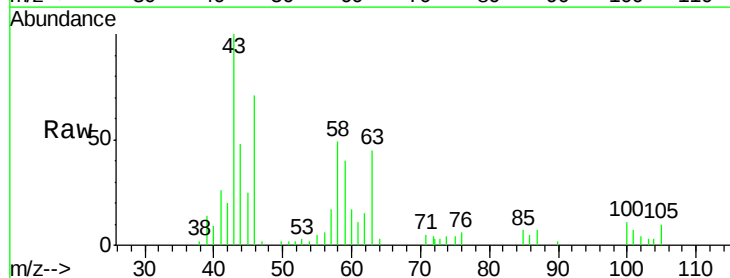
Ion Ratio Lower Upper

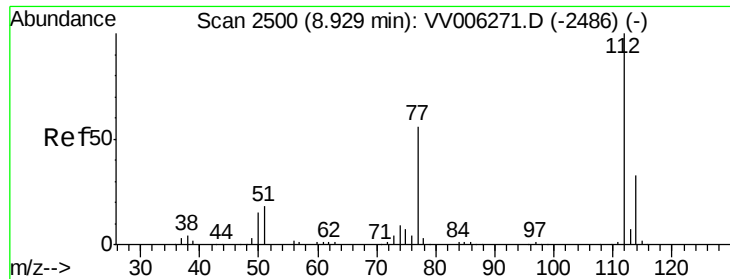
43 100

58 40.9 48.6 72.8#

57 15.0 17.5 26.3#

100 8.9 12.6 18.8#





#51

Chlorobenzene

Concen: 11.359 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

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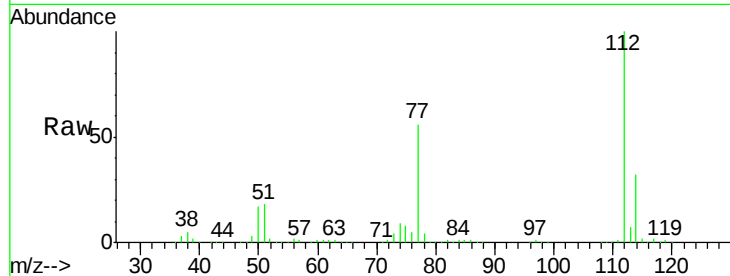
Tgt Ion: 112 Resp: 648955

Ion Ratio Lower Upper

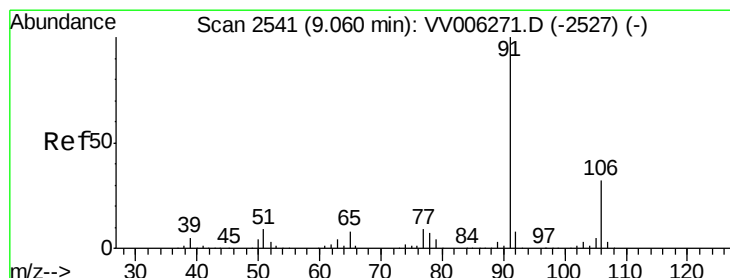
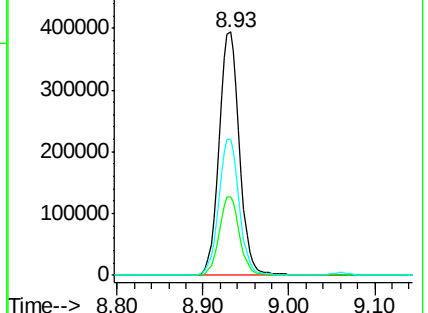
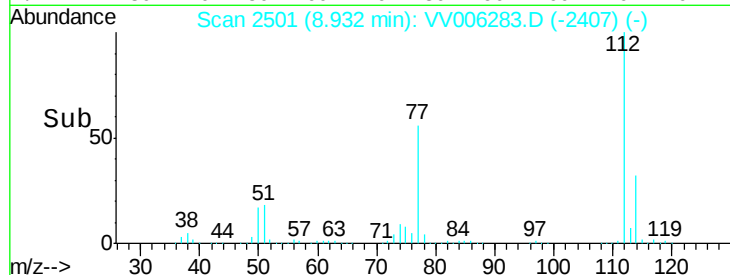
112 100

114 32.4 22.2 41.2

77 55.9 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



#52

Ethylbenzene

Concen: 0.697 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006283.D

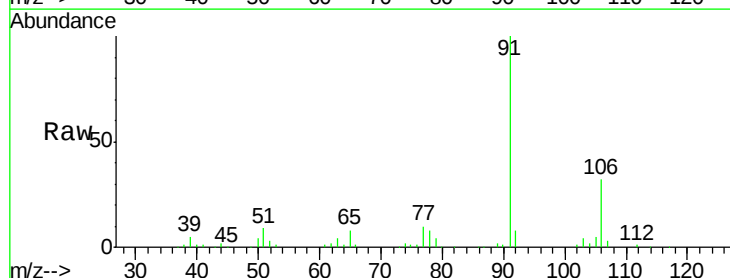
Acq: 15 Jun 2018 15:35

Tgt Ion: 91 Resp: 69057

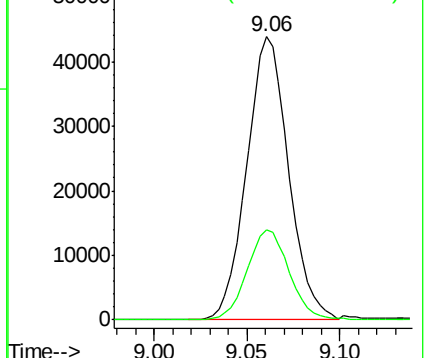
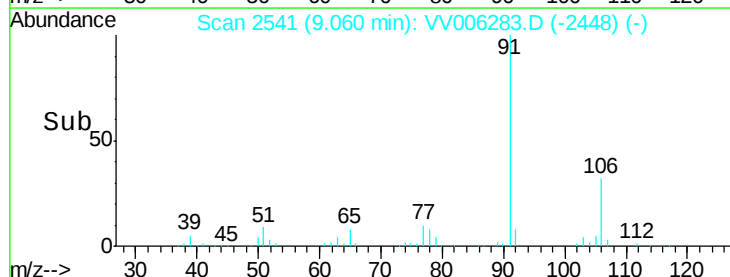
Ion Ratio Lower Upper

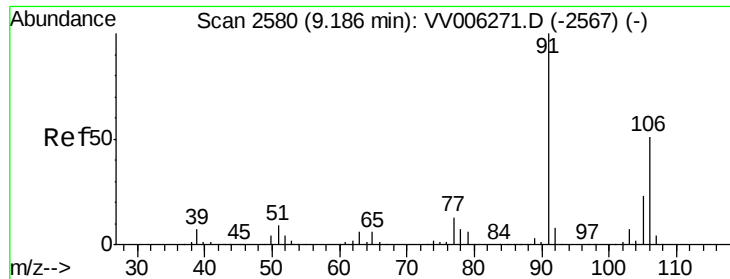
91 100

106 31.8 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 2.618 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

Instrument :

MSVOA_V

ClientSampleId :

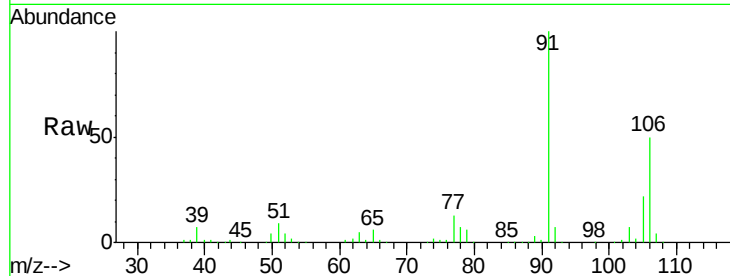
BEXT6

Tgt Ion:106 Resp: 101259

Ion Ratio Lower Upper

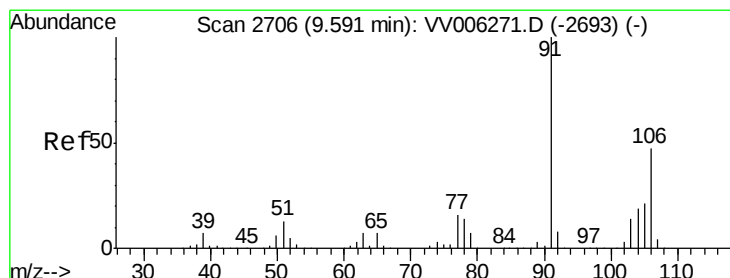
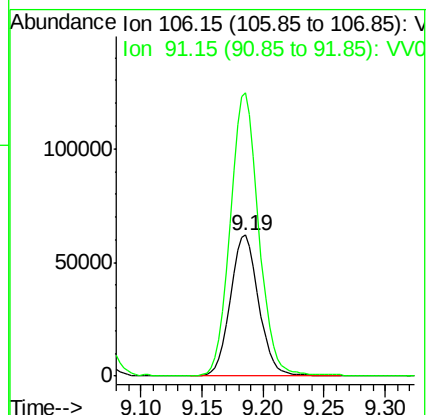
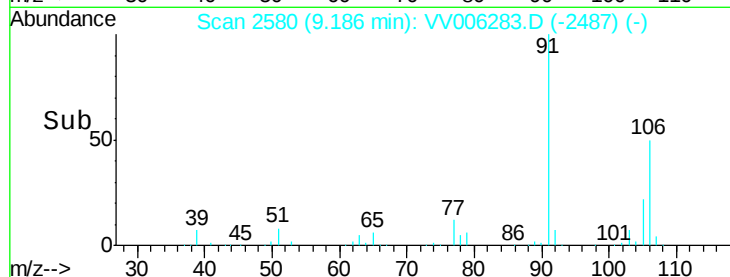
106 100

91 200.7 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.744 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006283.D

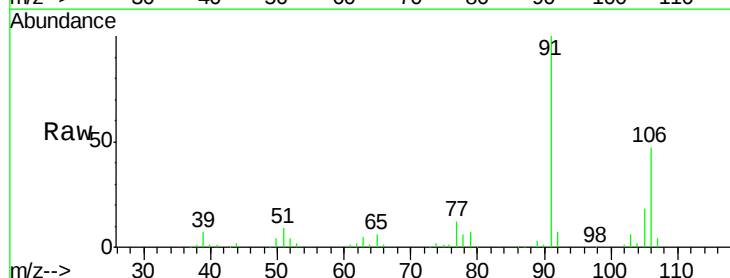
Acq: 15 Jun 2018 15:35

Tgt Ion:106 Resp: 28128

Ion Ratio Lower Upper

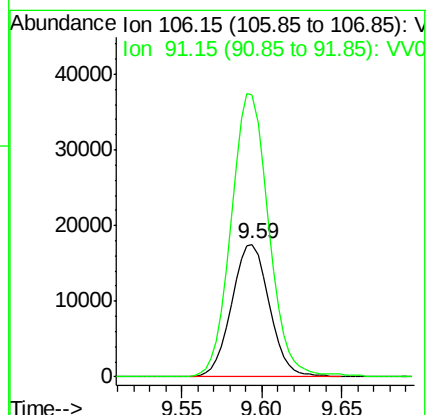
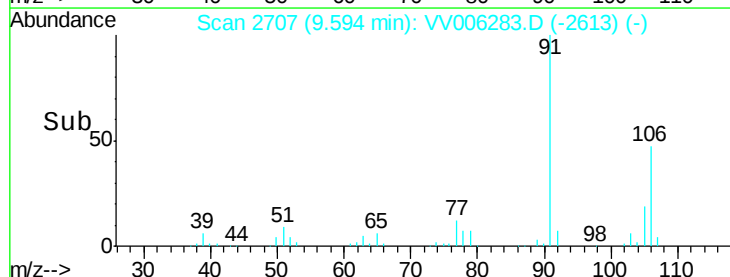
106 100

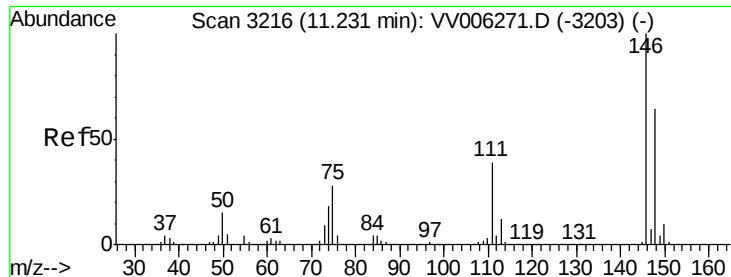
91 212.4 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#62

1,3-Dichlorobenzene

Concen: 0.538 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.09 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

Instrument :

MSVOA_V

ClientSampled :

BEXT6

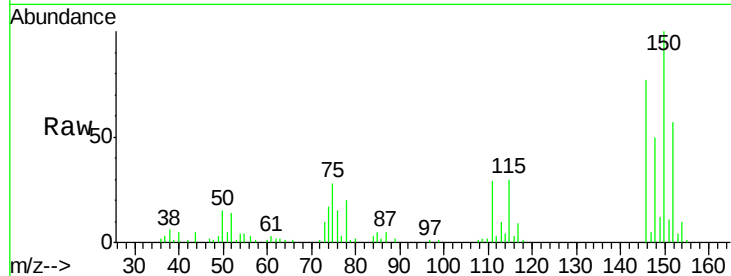
Tgt Ion:146 Resp: 22474

Ion Ratio Lower Upper

146 100

111 38.0 27.6 51.2

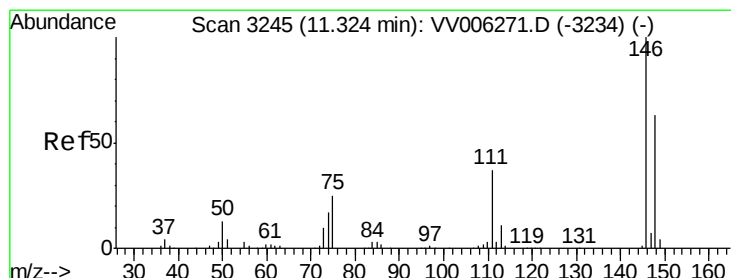
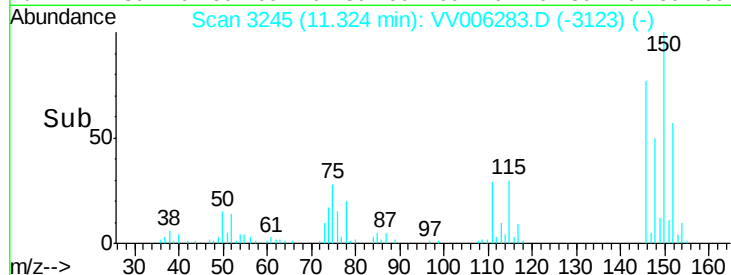
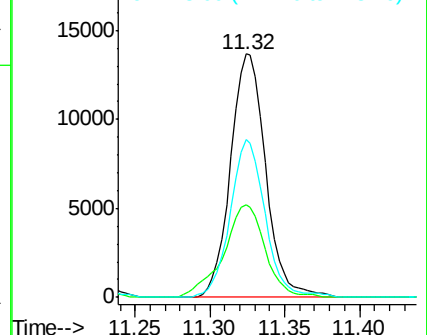
148 65.1 45.1 83.7



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



#63

1,4-Dichlorobenzene

Concen: 0.544 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006283.D

Acq: 15 Jun 2018 15:35

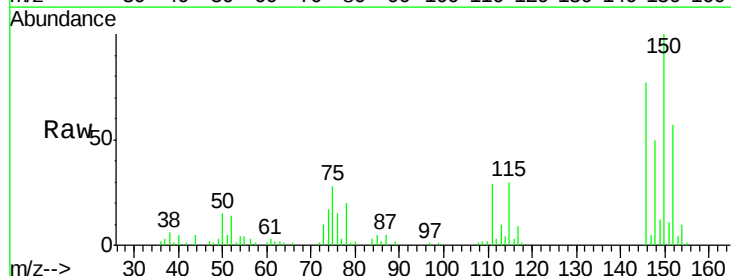
Tgt Ion:146 Resp: 22474

Ion Ratio Lower Upper

146 100

111 38.0 26.9 50.1

148 65.1 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

