

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
 Data File : VX005363.D
 Acq On : 16 Oct 2018 11:53
 Operator : JC/MD
 Sample : J5521-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03DL

Quant Time: Oct 17 04:56:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165865	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.50	113	135155	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.71	98	526822	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.14	95	182388	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds					Qvalue
5) Bromomethane	1.64	94	876	1.008 ug/l #	80
6) Chloroethane	1.72	64	76	0.367 ug/l #	1
10) Methyl Iodide	2.51	142	444	2.627 ug/l #	97
11) Tert butyl alcohol	3.02	59	3851	3.906 ug/l #	72
13) Acrolein	2.26	56	291	Below Cal #	1
15) Acrylonitrile	3.17	53	1052	0.471 ug/l #	27
16) Acetone	2.45	43	2806	1.389 ug/l	94
20) Methylene Chloride	2.85	84	753	Below Cal #	43
25) 2-Butanone	4.69	43	1728	0.584 ug/l #	86
29) Tetrahydrofuran	5.17	42	437	0.232 ug/l #	35
30) Chloroform	5.27	83	1959	0.362 ug/l #	17
31) Cyclohexane	5.59	56	16493	3.433 ug/l #	78
36) 1,1-Dichloropropene	5.66	75	20040	4.780 ug/l #	51
38) Carbon Tetrachloride	5.67	117	26807	6.364 ug/l #	16
39) Methylcyclohexane	7.46	83	27058	5.964 ug/l	92
40) Benzene	6.14	78	10486	0.834 ug/l	98
41) Methacrylonitrile	5.05	41	695	0.240 ug/l #	23
43) Isopropyl Acetate	6.46	43	1533	0.213 ug/l #	59
44) Trichloroethene	7.22	130	78	Below Cal	42
48) Methyl methacrylate	7.73	41	2850	0.765 ug/l #	46
51) 4-Methyl-2-Pentanone	8.68	43	1438	0.289 ug/l #	34
52) Toluene	8.79	92	11359	1.651 ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	5034	1.727 ug/l #	20
56) Ethyl methacrylate	9.16	69	1354	0.319 ug/l #	1
67) Ethyl Benzene	10.25	91	57315	4.255 ug/l	99
68) m/p-Xylenes	10.36	106	45063	8.620 ug/l	97
69) o-Xylene	10.70	106	9874	1.958 ug/l	95
73) Isopropylbenzene	11.02	105	20505	1.677 ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	89729	22.486 ug/l #	38
78) n-propylbenzene	11.36	91	111277	7.907 ug/l	98
79) 2-Chlorotoluene	11.46	91	18857	2.188 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	115782	11.056 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	89729	68.323 ug/l #	10
82) 4-Chlorotoluene	11.51	91	12200	1.194 ug/l #	44

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

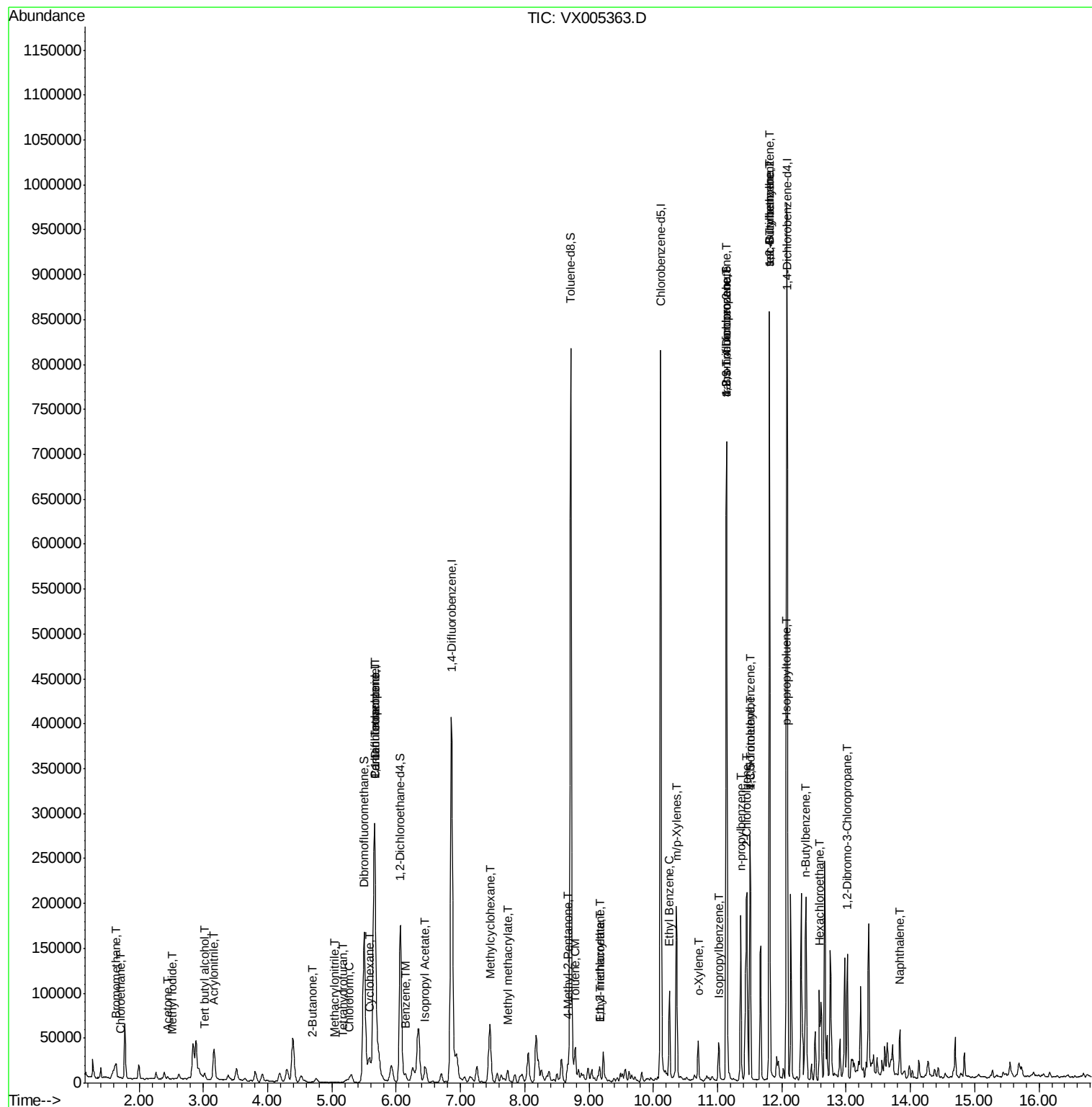
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	47813	4.508	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	376994	34.980	ug/l	99
85) sec-Butylbenzene	11.80	105	376985	30.037	ug/l #	55
86) p-Isopropyltoluene	12.06	119	3555	0.313	ug/l #	83
89) n-Butylbenzene	12.38	91	32179	3.124	ug/l #	32
90) Hexachloroethane	12.58	117	4464	2.283	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	526	0.467	ug/l #	8
95) Naphthalene	13.83	128	33625	2.370	ug/l	97

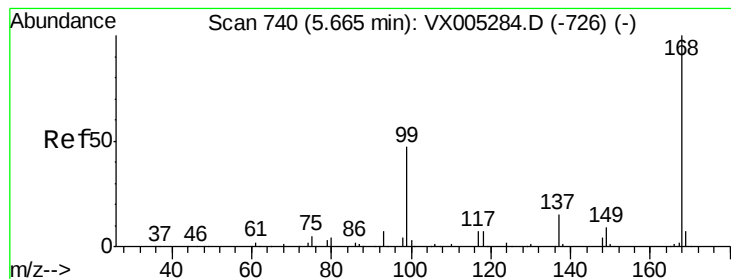
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

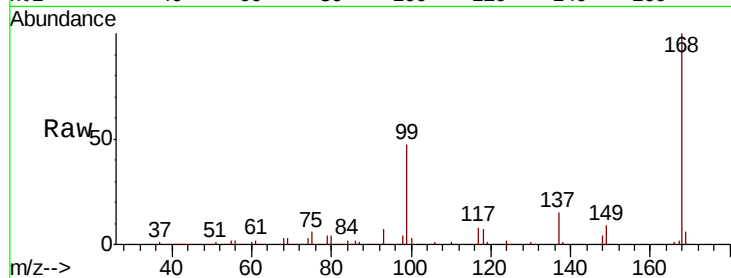
TWP-03DL

Tgt Ion: 168 Resp: 314902

Ion Ratio Lower Upper

168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

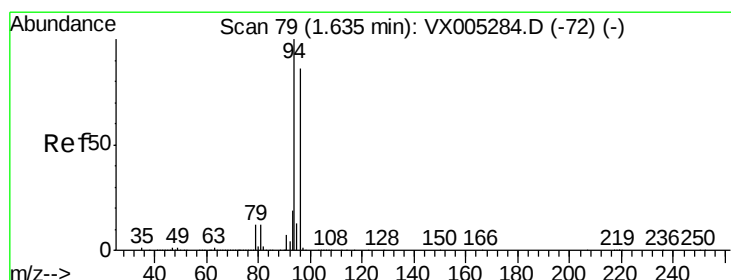
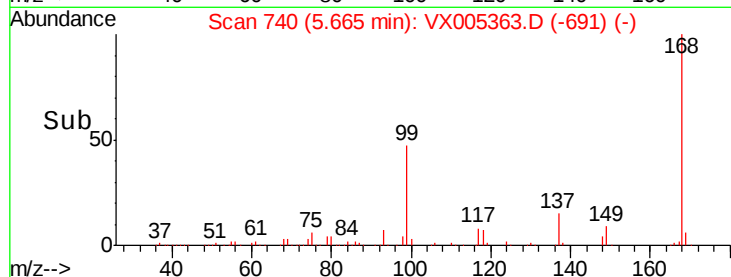
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 1.008 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005363.D

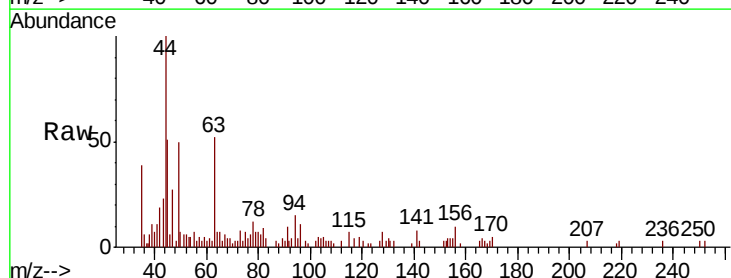
Acq: 16 Oct 2018 11:53

Tgt Ion: 94 Resp: 876

Ion Ratio Lower Upper

94 100

96 74.3 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

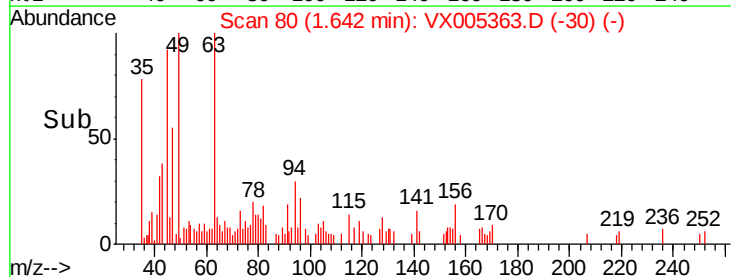
300

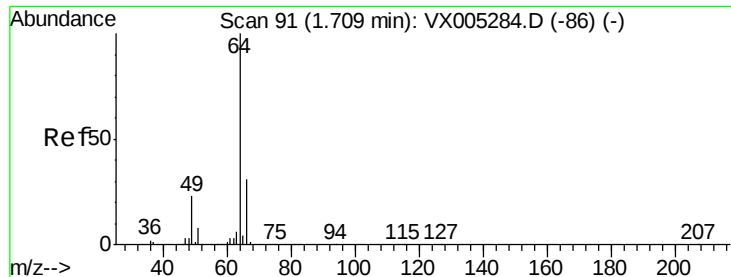
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.367 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

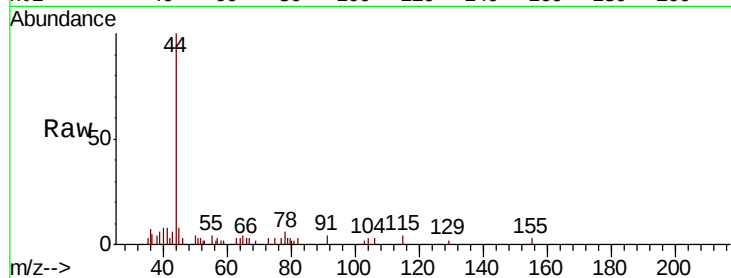
TWP-03DL

Tgt Ion: 64 Resp: 76

Ion Ratio Lower Upper

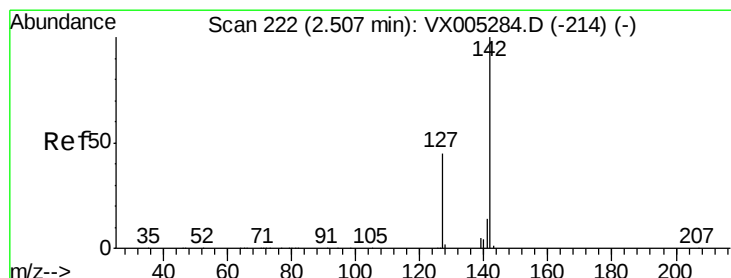
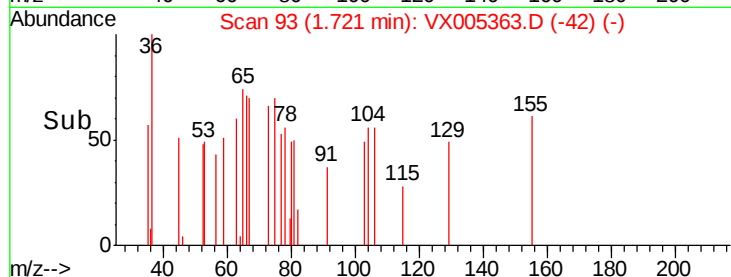
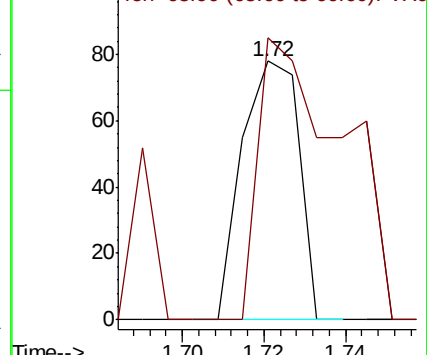
64 100

66 109.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 2.627 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

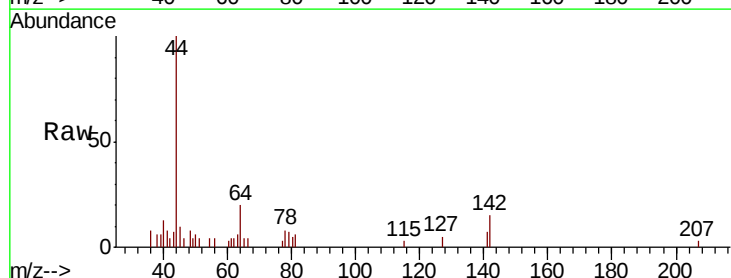
Tgt Ion: 142 Resp: 444

Ion Ratio Lower Upper

142 100

127 41.7 33.8 50.6

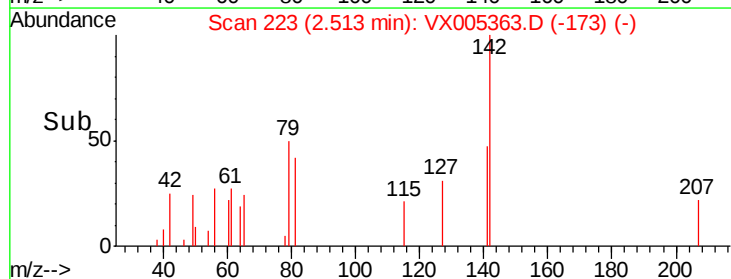
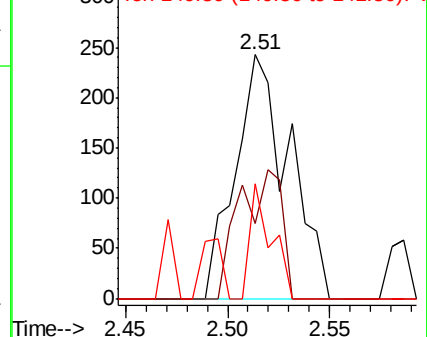
141 18.7 11.4 17.0#

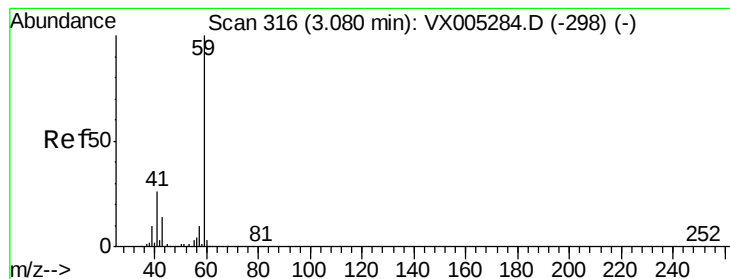


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



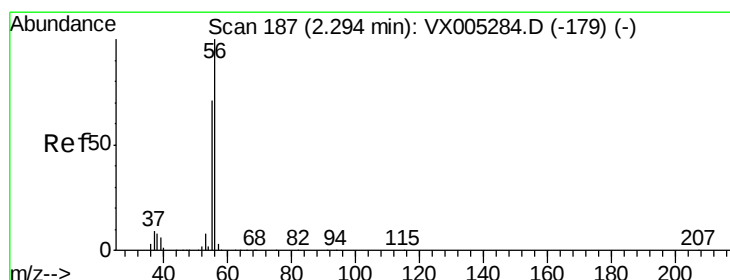
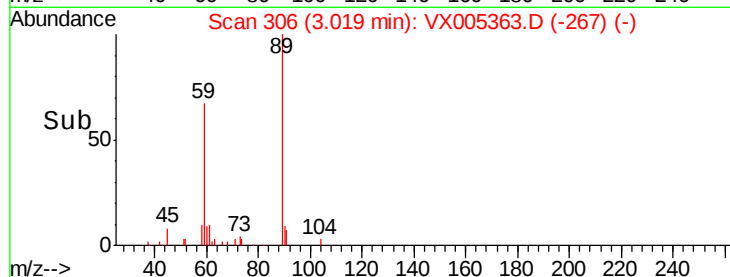
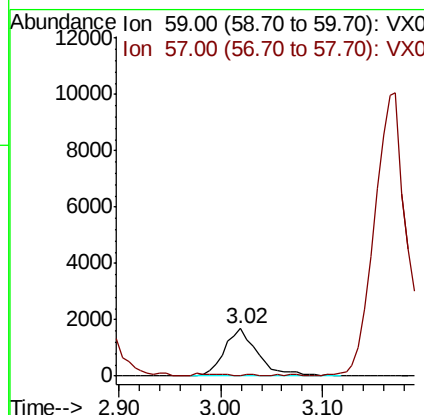
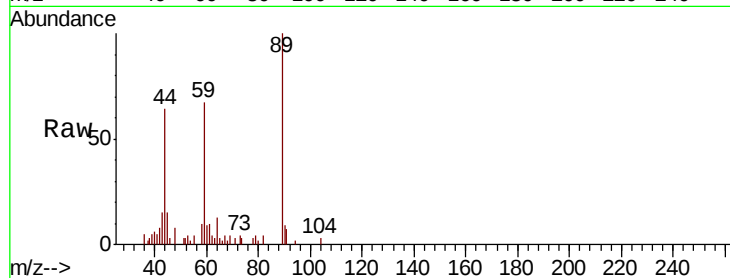


#11

Tert butyl alcohol
 Concen: 3.906 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 TWP-03DL

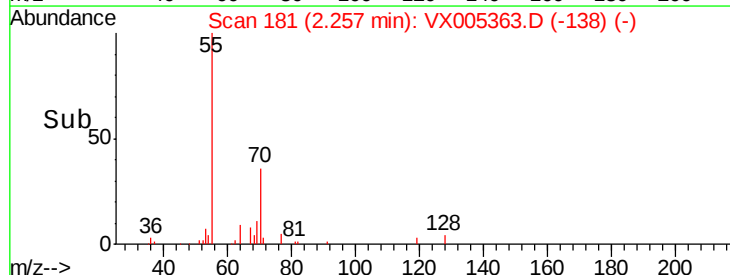
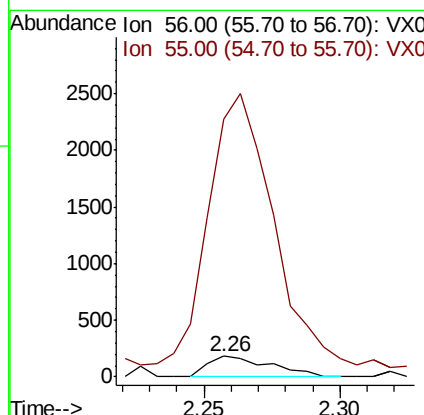
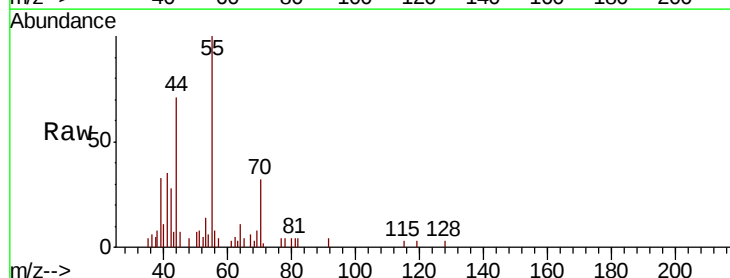
Tgt Ion: 59 Resp: 3851
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

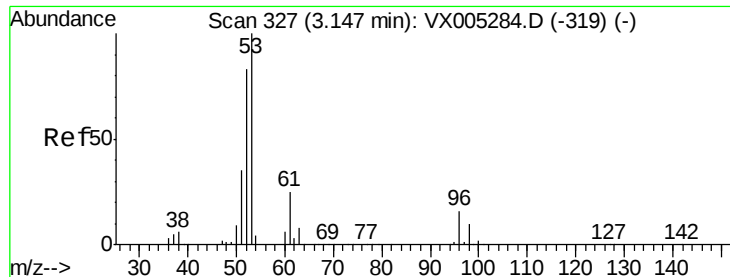


#13

Acrolein
 Concen: Below Cal
 RT: 2.26 min Scan# 181
 Delta R.T. -0.04 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Tgt Ion: 56 Resp: 291
 Ion Ratio Lower Upper
 56 100
 55 1515.5 54.7 82.1#





#15

Acrylonitrile

Concen: 0.471 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampled :

TWP-03DL

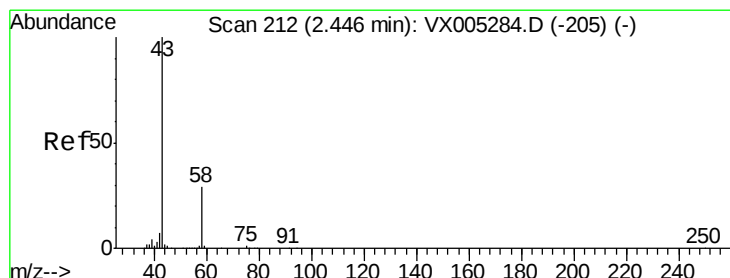
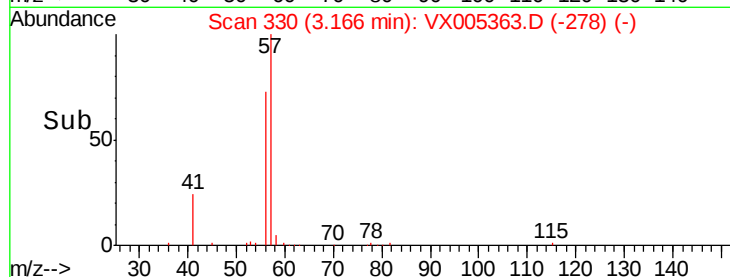
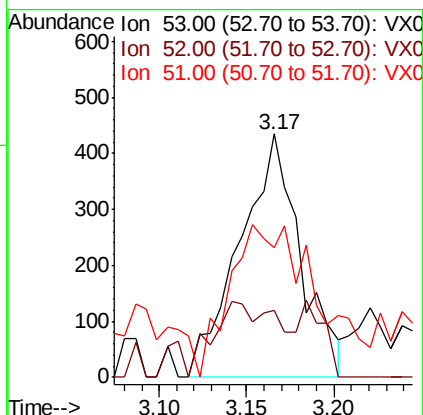
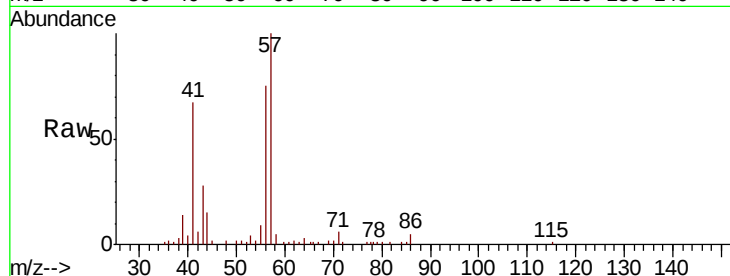
Tgt Ion: 53 Resp: 1052

Ion Ratio Lower Upper

53 100

52 11.5 65.2 97.8#

51 0.0 28.2 42.2#



#16

Acetone

Concen: 1.389 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005363.D

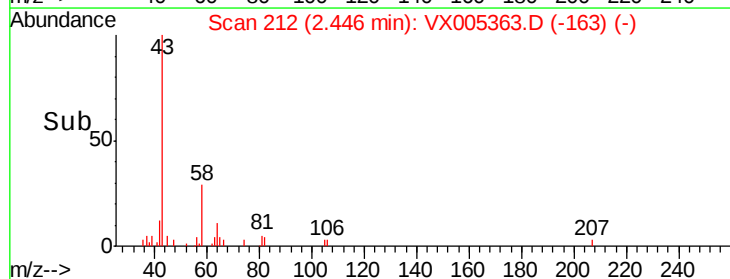
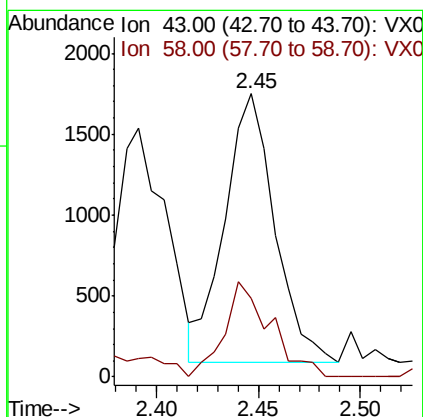
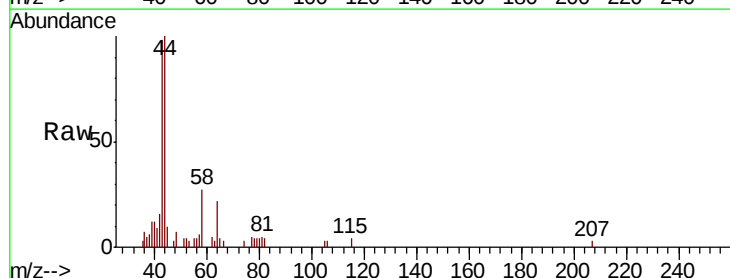
Acq: 16 Oct 2018 11:53

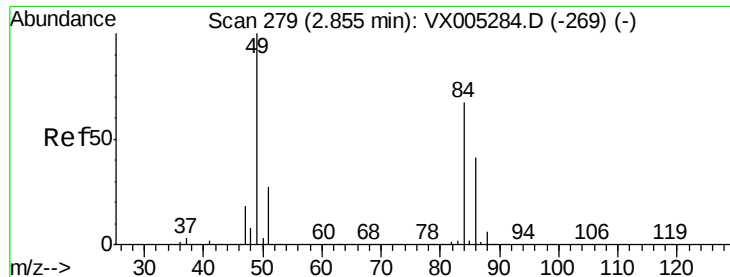
Tgt Ion: 43 Resp: 2806

Ion Ratio Lower Upper

43 100

58 29.3 26.2 39.4

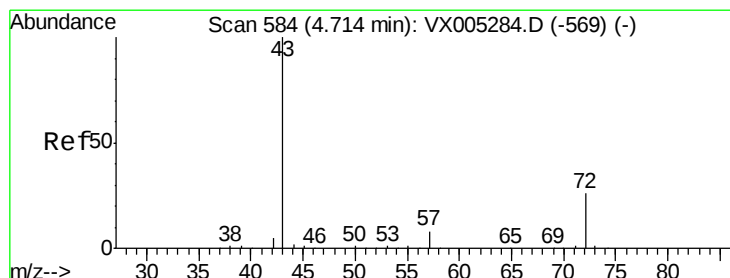
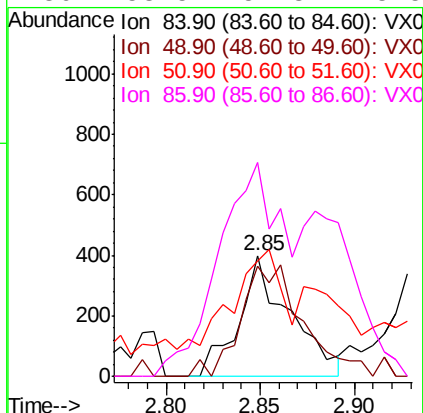
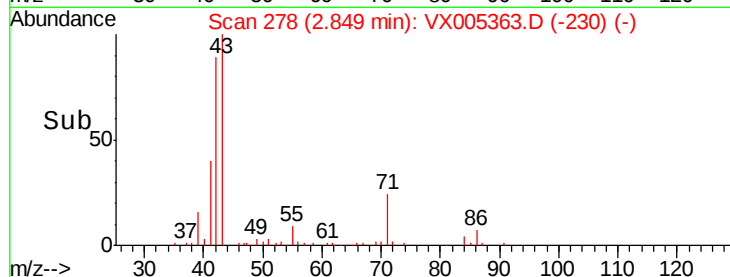
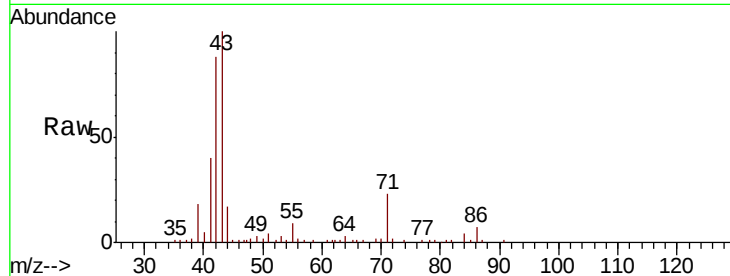




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

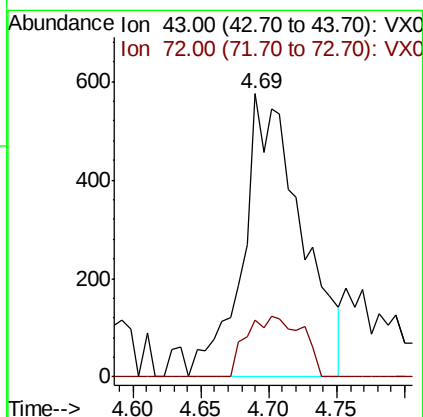
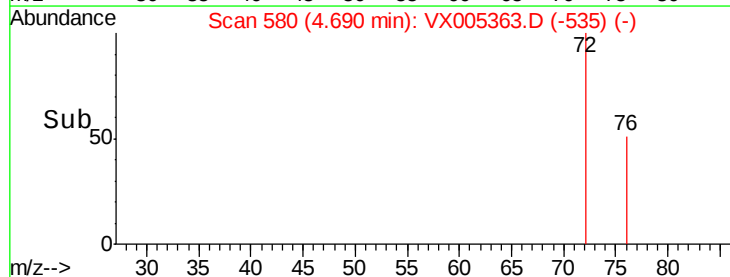
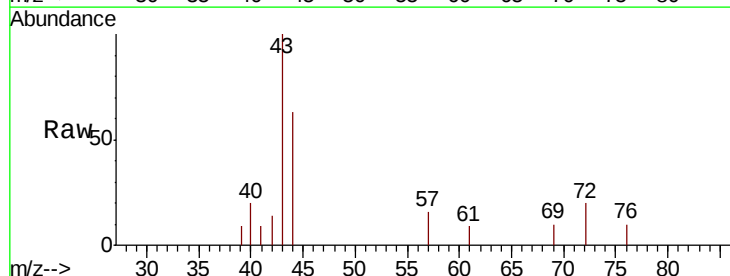
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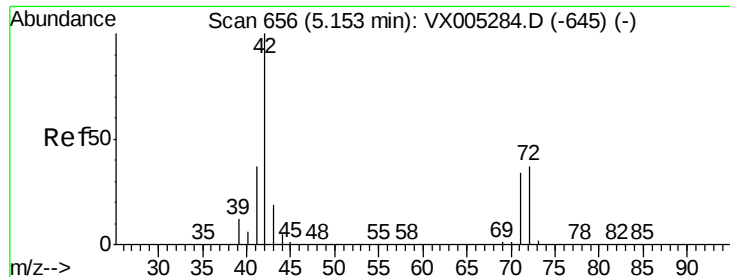
Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 91.5 101.2 151.8#
51 65.6 29.5 44.3#
86 153.5 52.3 78.5#



#25
2-Butanone
Concen: 0.584 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.02 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion: 43 Resp: 1728
Ion Ratio Lower Upper
43 100
72 20.2 22.0 33.0#





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

TWP-03DL

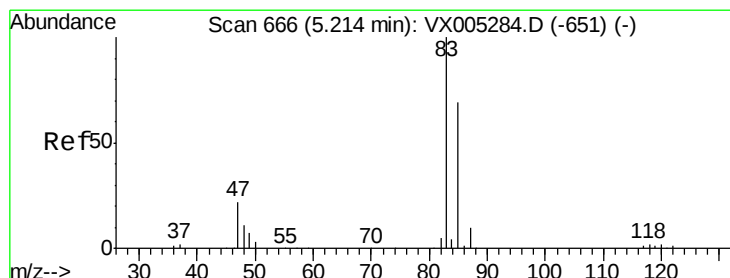
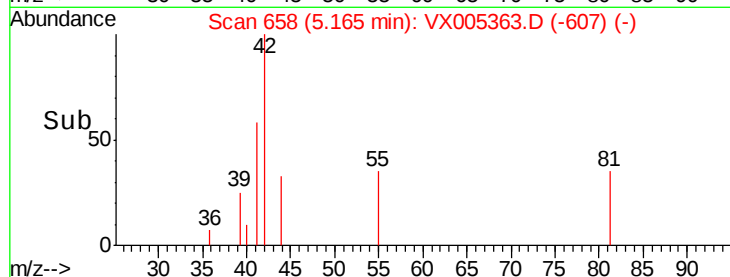
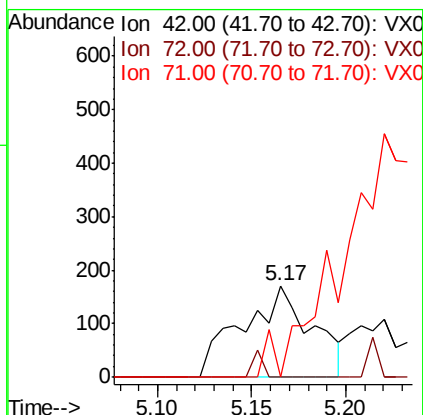
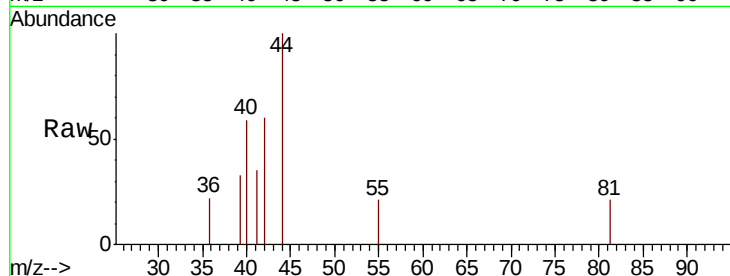
Tgt Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

72 4.3 37.4 56.0#

71 0.0 34.5 51.7#



#30

Chloroform

Concen: 0.362 ug/l

RT: 5.27 min Scan# 675

Delta R.T. 0.05 min

Lab File: VX005363.D

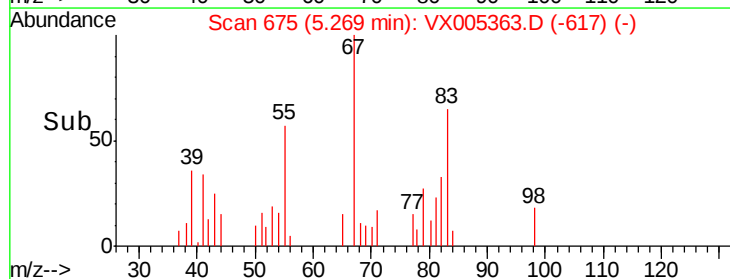
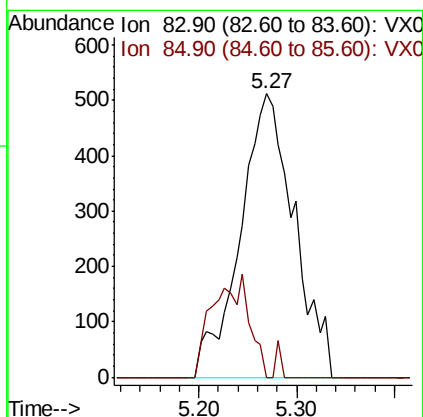
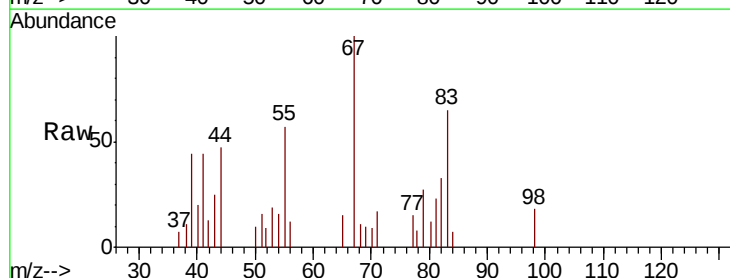
Acq: 16 Oct 2018 11:53

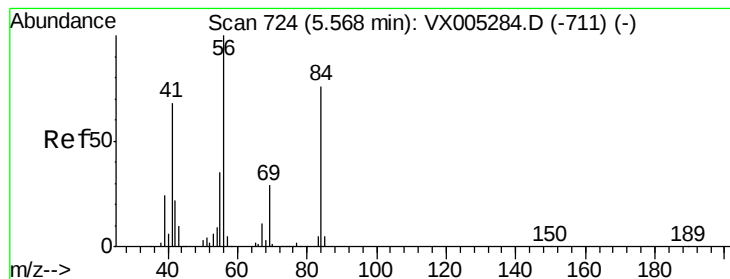
Tgt Ion: 83 Resp: 1959

Ion Ratio Lower Upper

83 100

85 0.0 52.6 79.0#





#31

Cyclohexane

Concen: 3.433 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.02 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

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ClientSampleId :

TWP-03DL

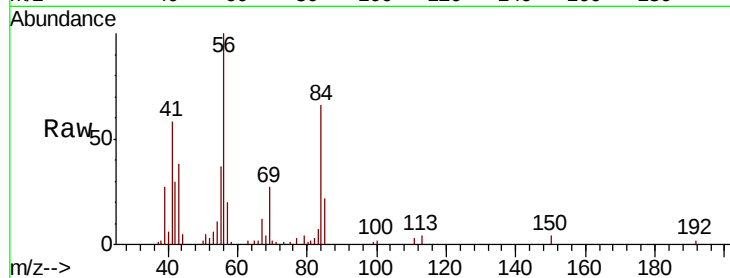
Tgt Ion: 56 Resp: 16493

Ion Ratio Lower Upper

56 100

69 23.0 25.4 38.2#

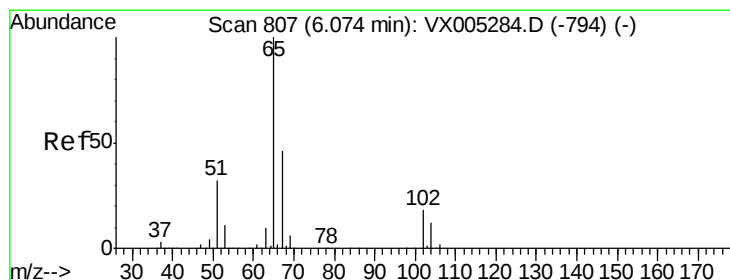
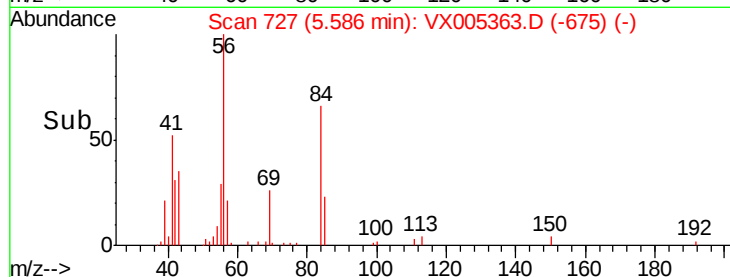
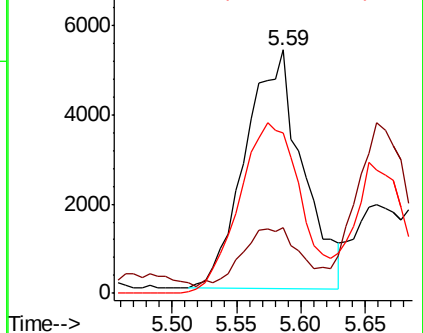
84 66.2 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005363.D

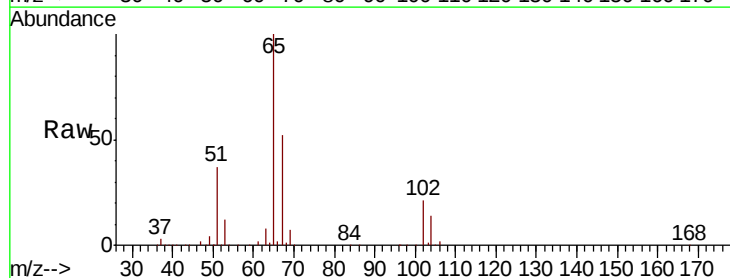
Acq: 16 Oct 2018 11:53

Tgt Ion: 65 Resp: 165865

Ion Ratio Lower Upper

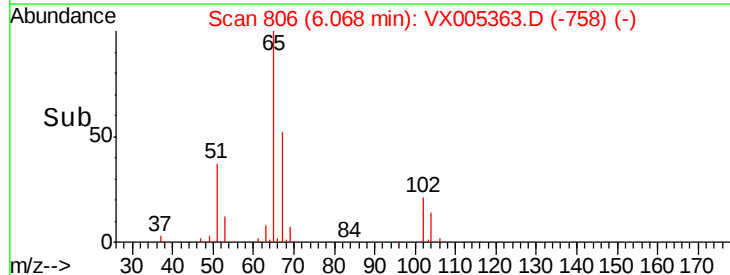
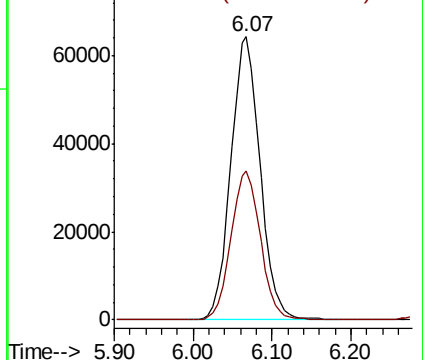
65 100

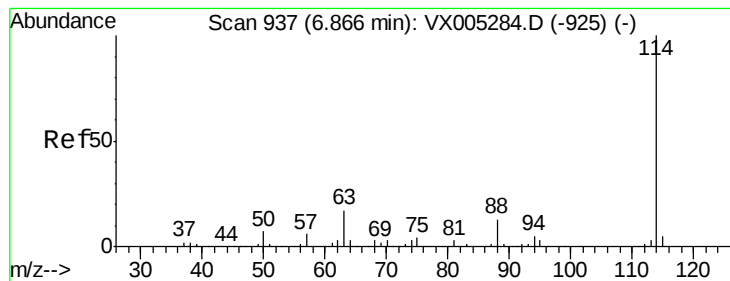
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

TWP-03DL

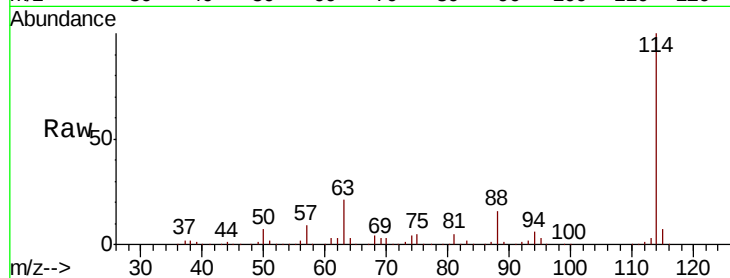
Tgt Ion:114 Resp: 432866

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

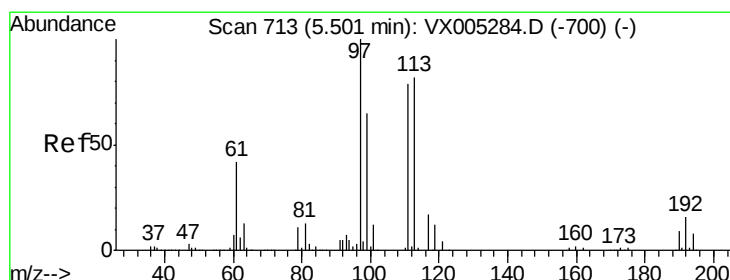
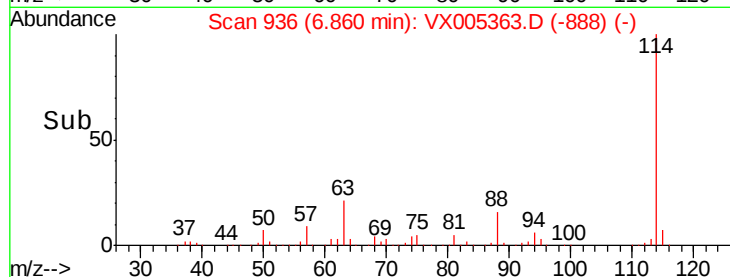
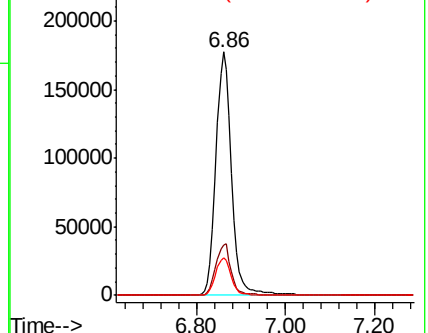
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.142 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

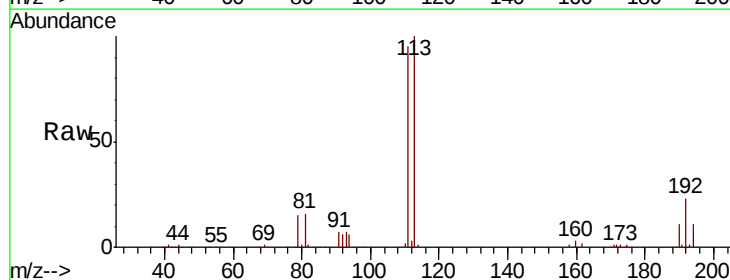
Tgt Ion:113 Resp: 135155

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

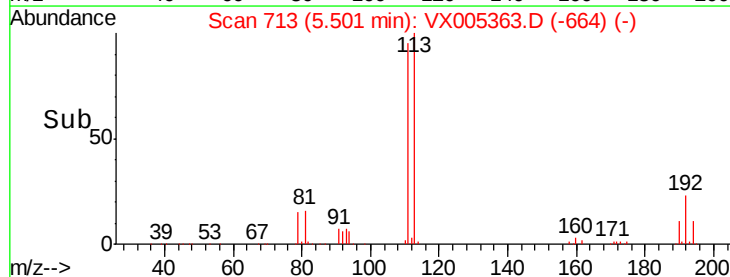
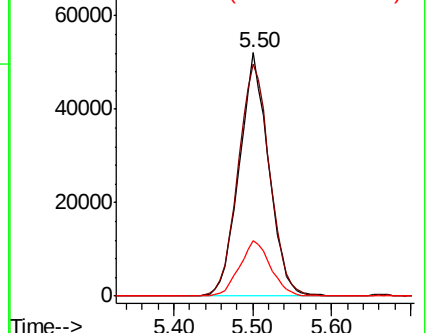
192 24.0 19.4 29.2

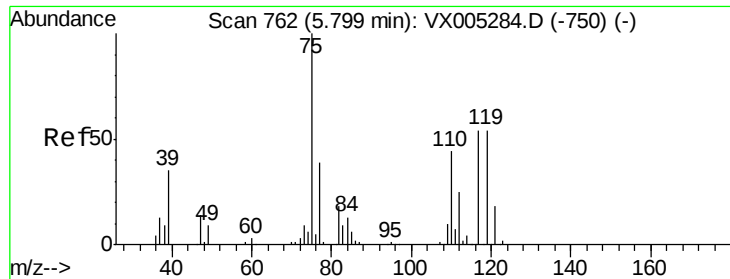


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

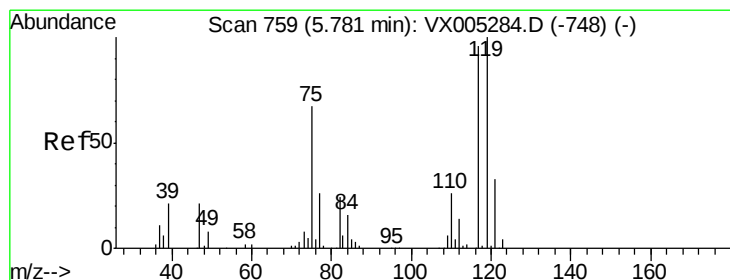
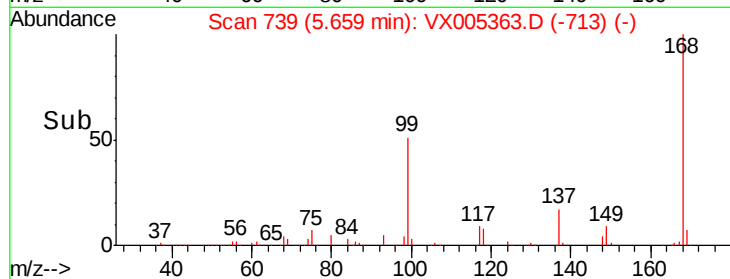
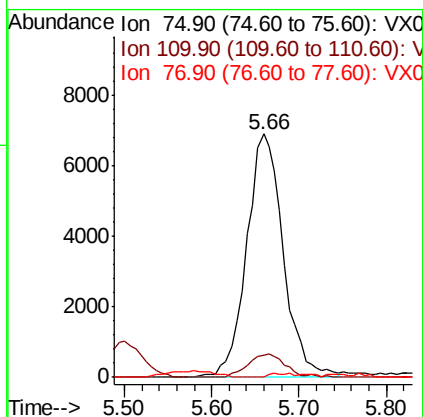
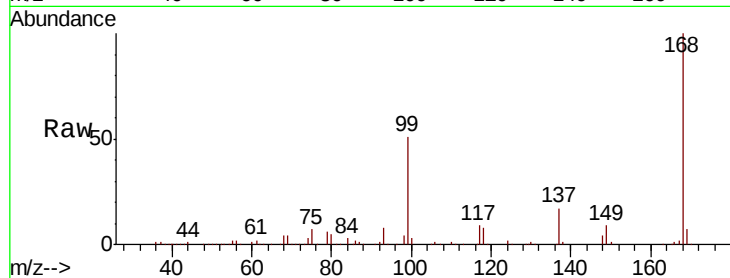




#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

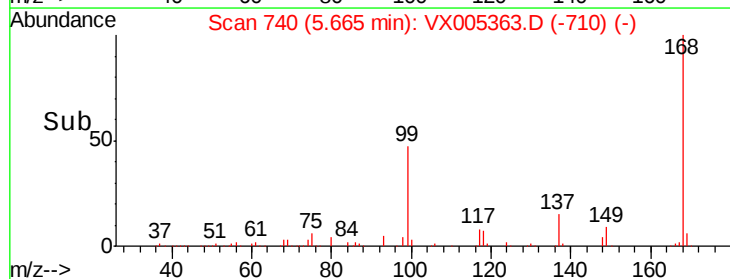
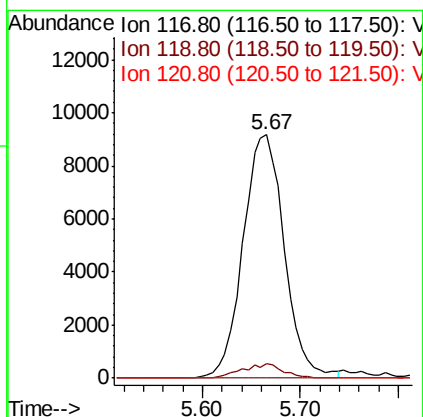
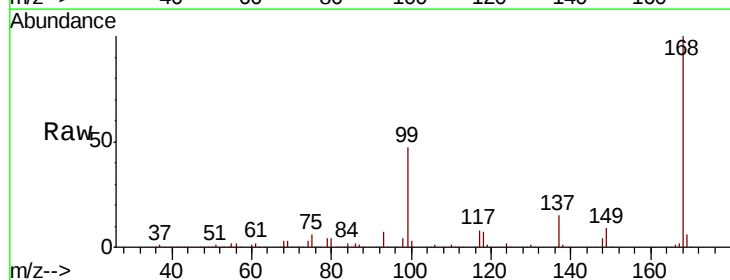
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03DL

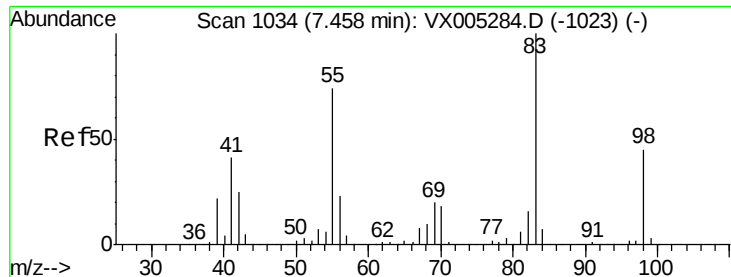
Tgt Ion: 75 Resp: 20040
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.0 54.0#
 77 0.6 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.364 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Tgt Ion: 117 Resp: 26807
 Ion Ratio Lower Upper
 117 100
 119 6.2 78.8 118.2#
 121 0.0 24.9 37.3#

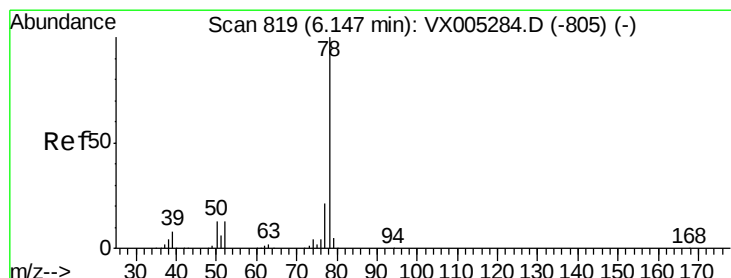
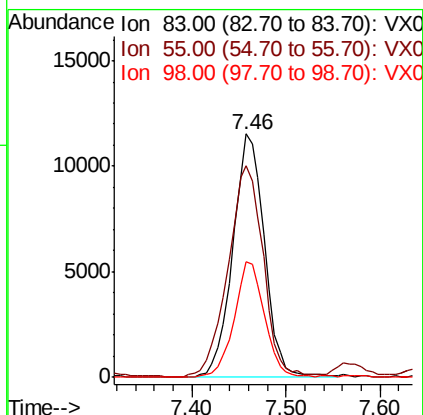
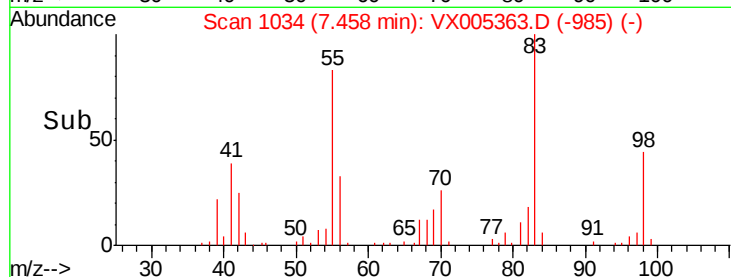
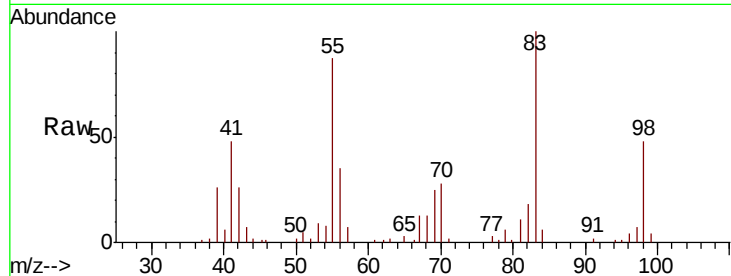




#39
Methylcyclohexane
Concen: 5.964 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

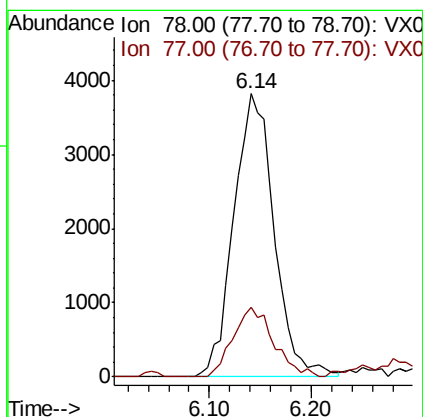
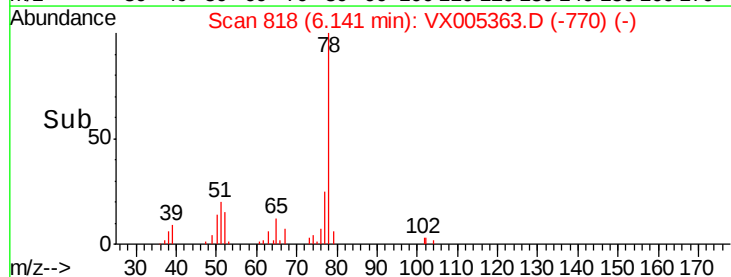
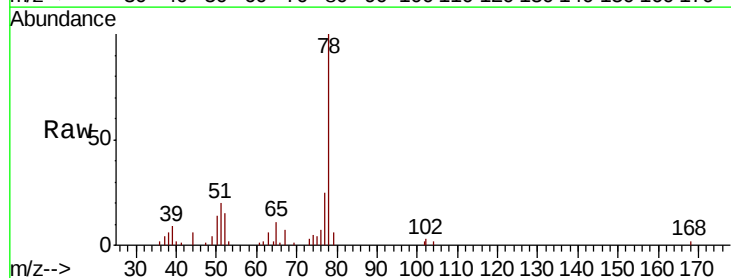
Instrument :
MSVOA_X
ClientSampleId :
TWP-03DL

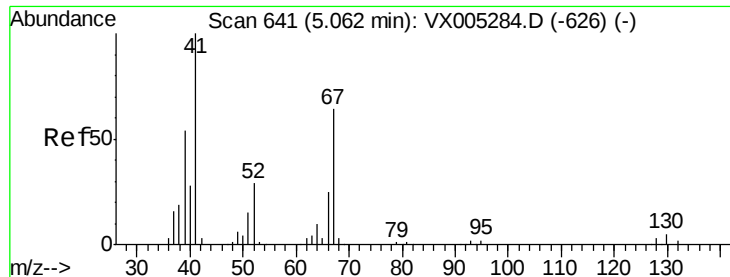
Tgt Ion: 83 Resp: 27058
Ion Ratio Lower Upper
83 100
55 85.9 61.0 91.4
98 47.6 39.6 59.4



#40
Benzene
Concen: 0.834 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion: 78 Resp: 10486
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4

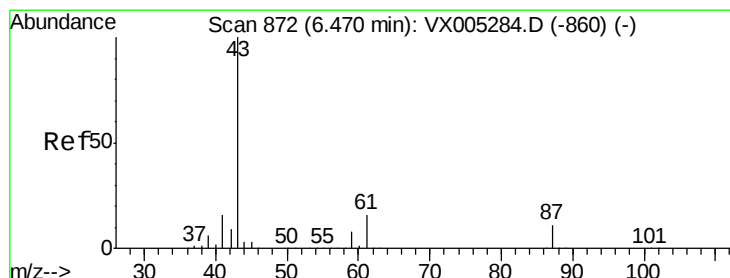
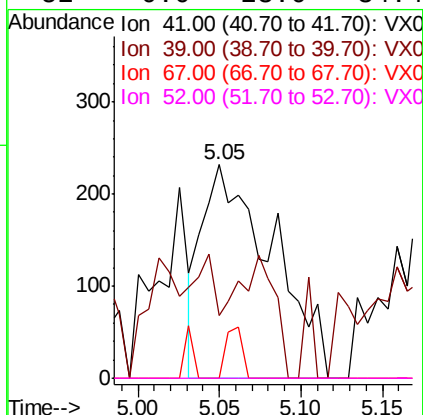
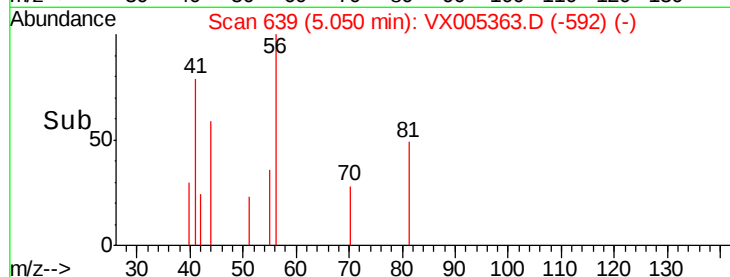
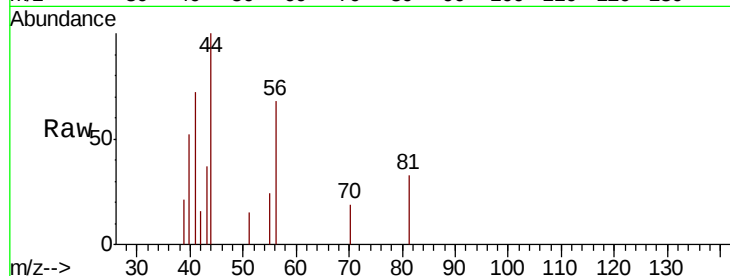




#41
Methacrylonitrile
Concen: 0.240 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

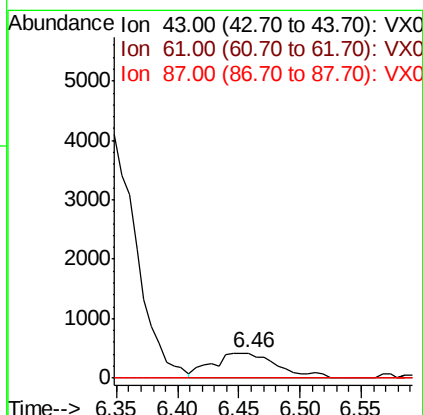
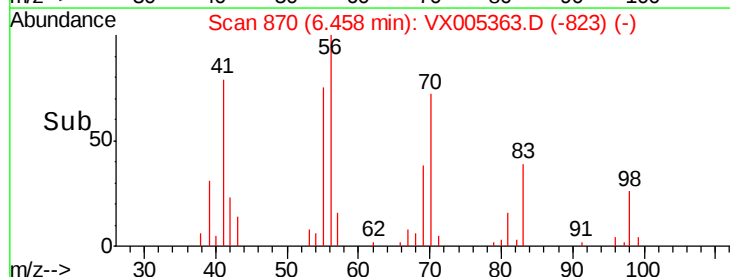
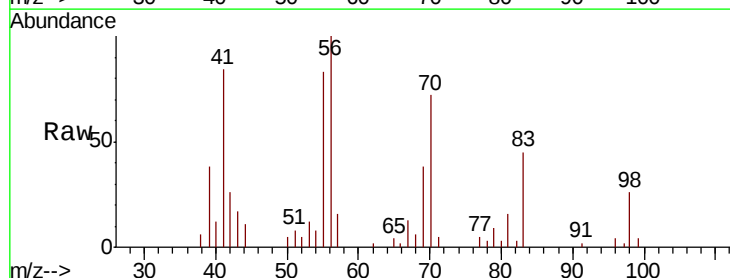
Instrument :
MSVOA_X
ClientSampled :
TWP-03DL

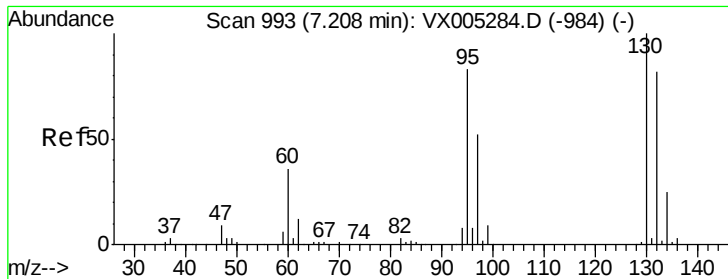
Tgt Ion:	41	Resp:	695
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.4	63.6#
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



#43
Isopropyl Acetate
Concen: 0.213 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion:	43	Resp:	1533
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.0	25.4#
87	0.0	11.4	17.2#





#44

Trichloroethene

Concen: Below Cal

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

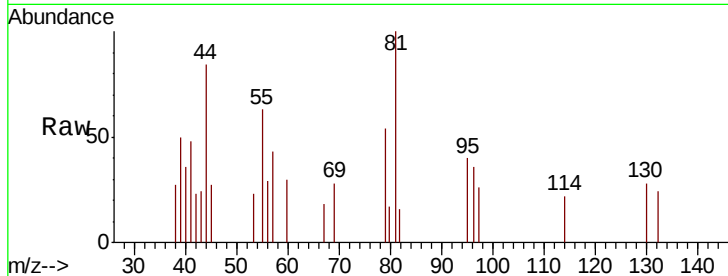
TWP-03DL

Tgt Ion:130 Resp: 78

Ion Ratio Lower Upper

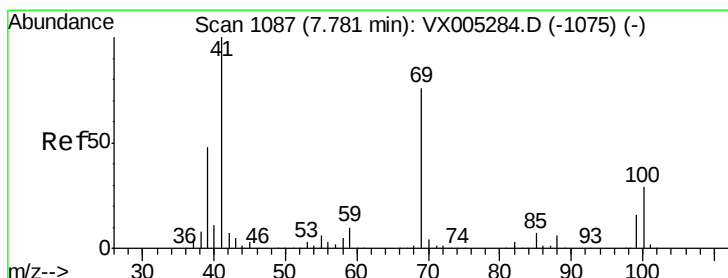
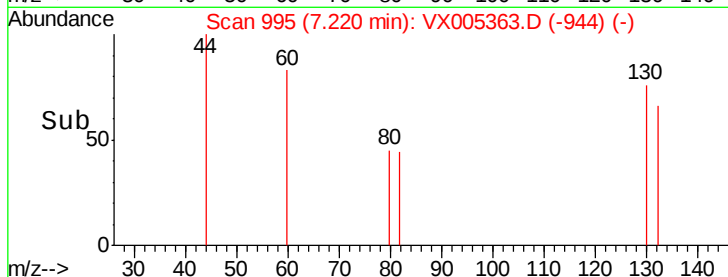
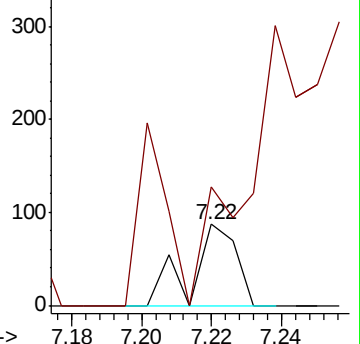
130 100

95 146.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.765 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.05 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

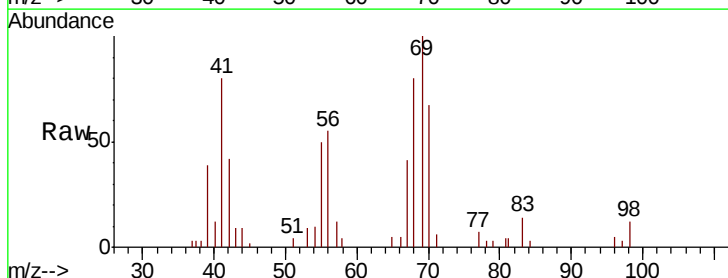
Tgt Ion: 41 Resp: 2850

Ion Ratio Lower Upper

41 100

69 162.3 70.2 105.4#

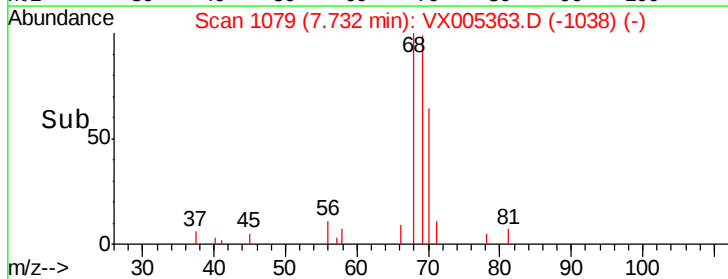
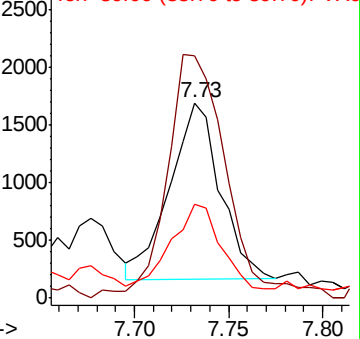
39 46.4 42.7 64.1

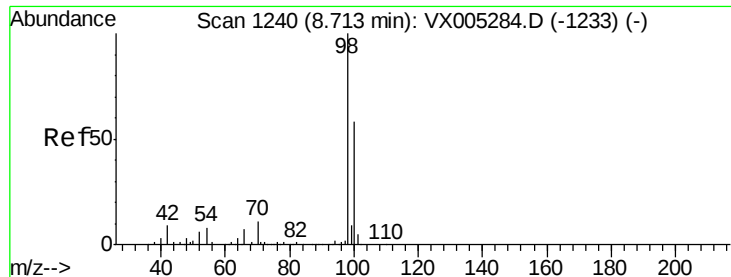


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

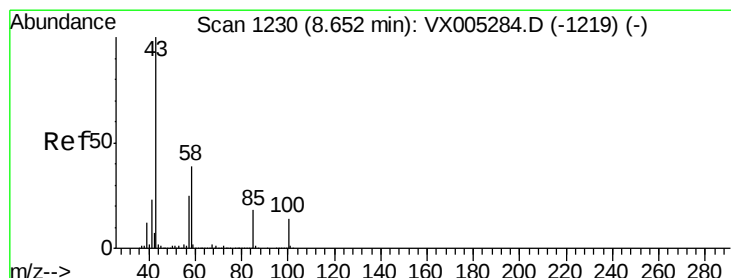
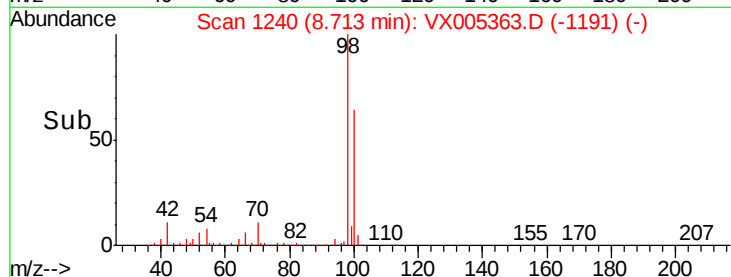
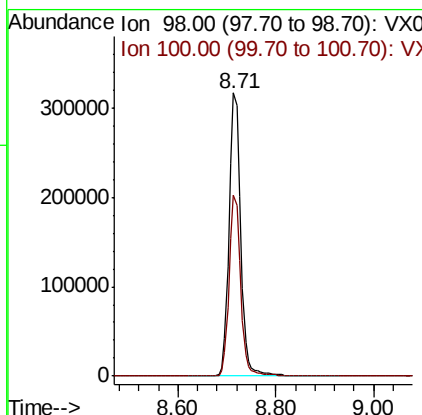
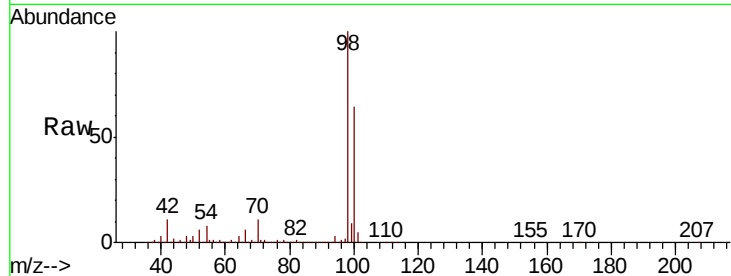




#50
Toluene-d8
Concen: 53.525 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

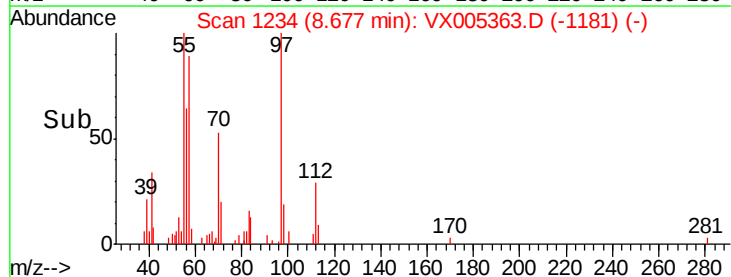
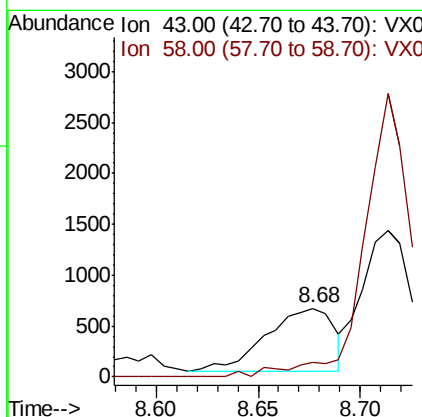
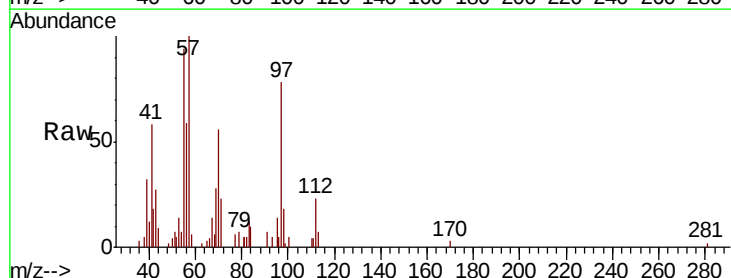
Instrument :
MSVOA_X
ClientSampleId :
TWP-03DL

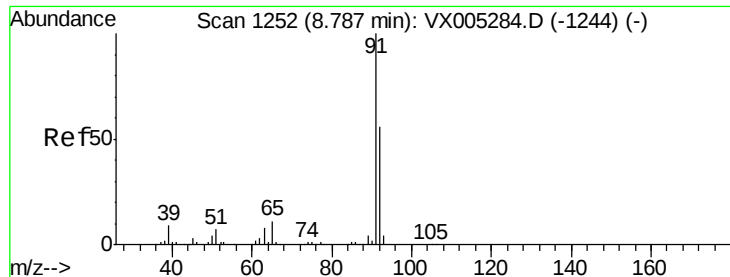
Tgt Ion: 98 Resp: 526822
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.289 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#52

Toluene

Concen: 1.651 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

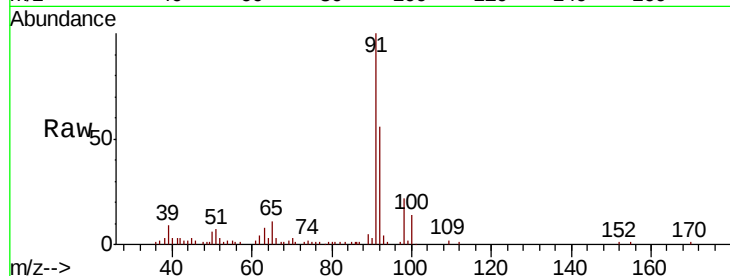
TWP-03DL

Tgt Ion: 92 Resp: 11359

Ion Ratio Lower Upper

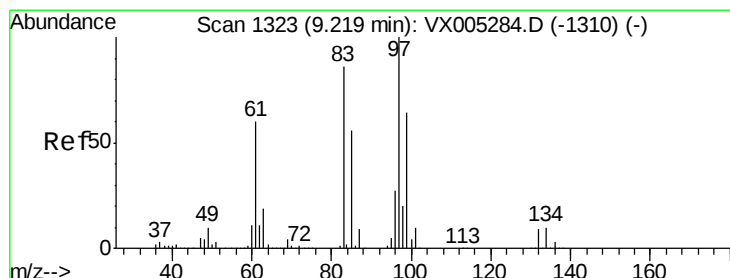
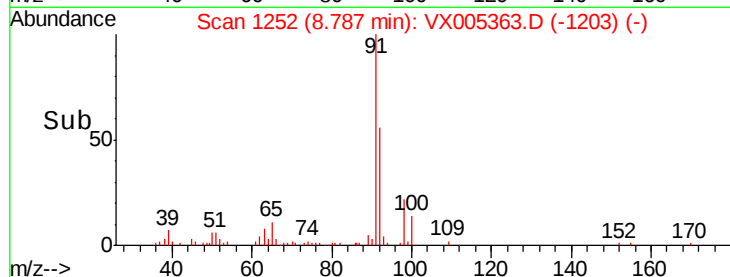
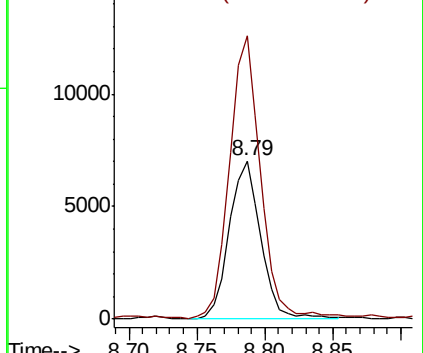
92 100

91 177.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.727 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Tgt Ion: 97 Resp: 5034

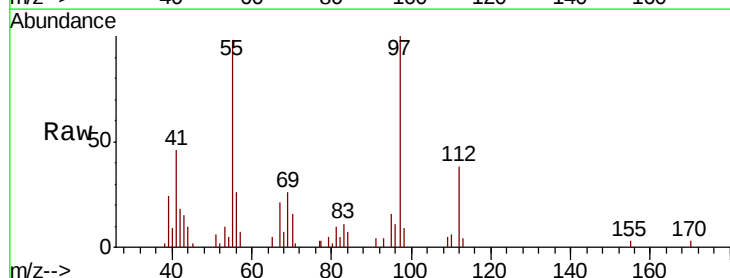
Ion Ratio Lower Upper

97 100

83 9.4 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

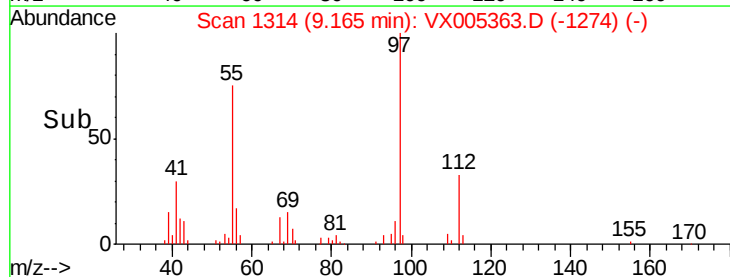
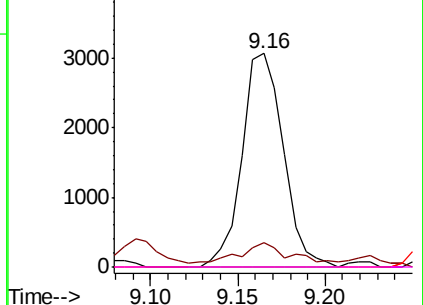


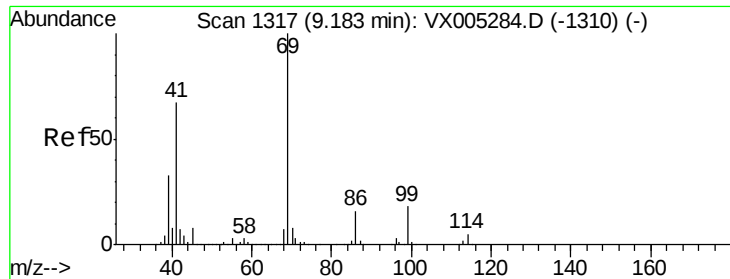
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.319 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

TWP-03DL

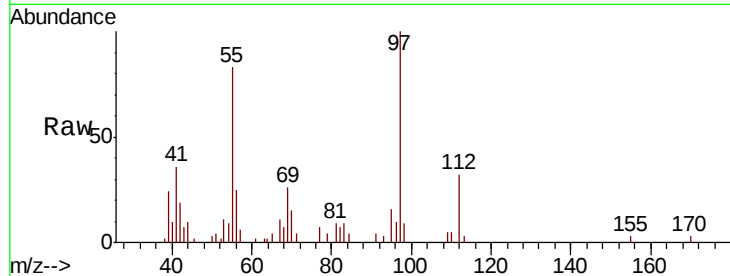
Tgt Ion: 69 Resp: 1354

Ion Ratio Lower Upper

69 100

41 172.1 51.0 76.4#

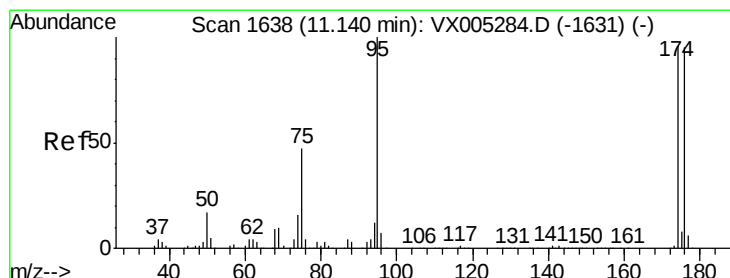
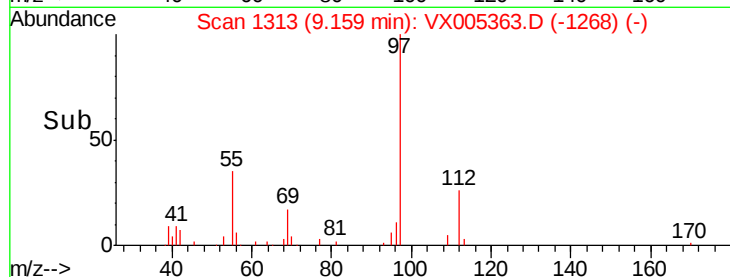
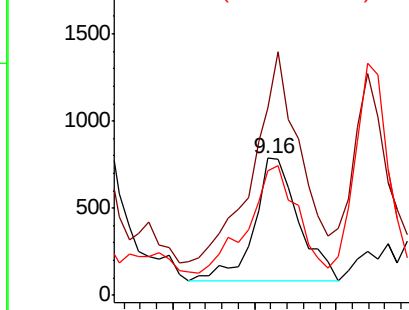
39 95.3 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.328 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

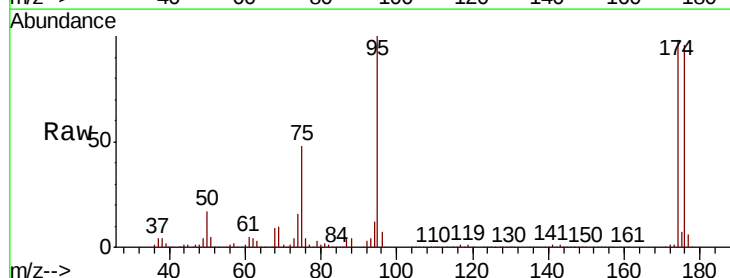
Tgt Ion: 95 Resp: 182388

Ion Ratio Lower Upper

95 100

174 94.9 0.0 185.2

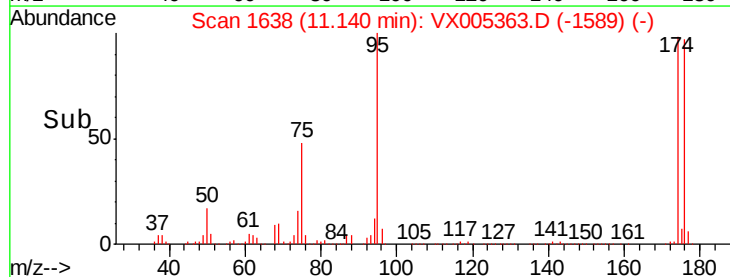
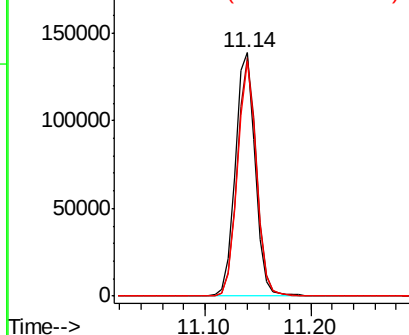
176 91.9 0.0 178.6

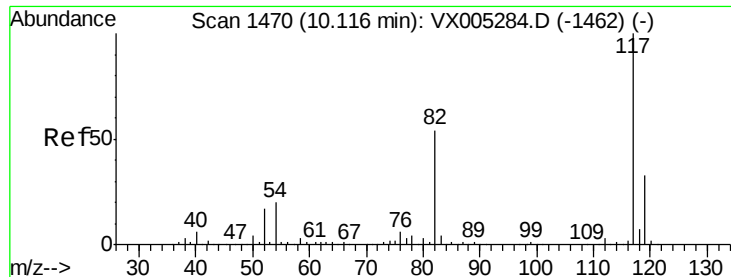


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

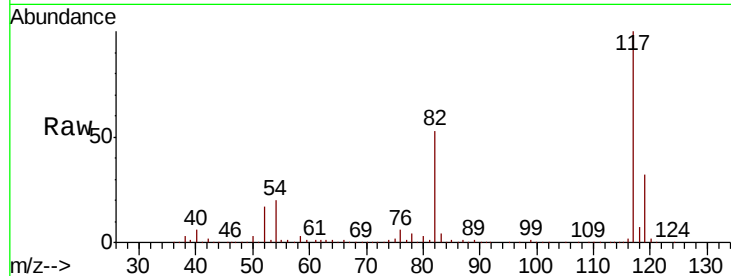




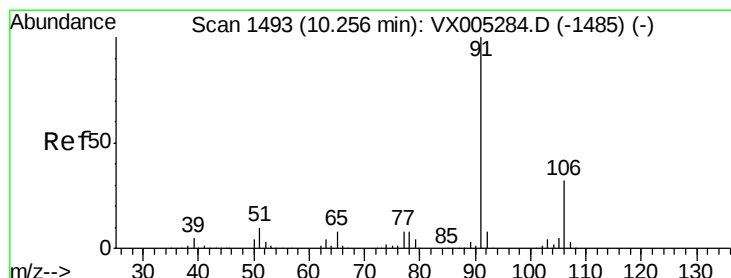
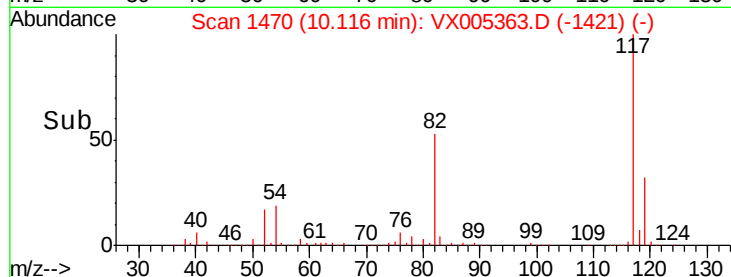
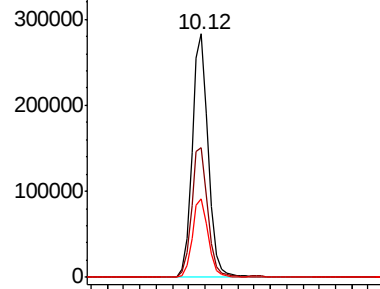
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
TWP-03DL

Tgt Ion: 117 Resp: 389517
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.3 29.3 43.9

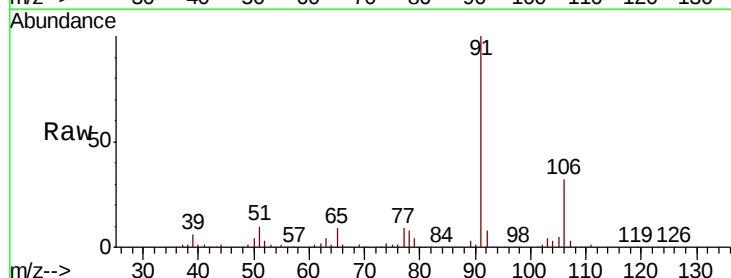


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

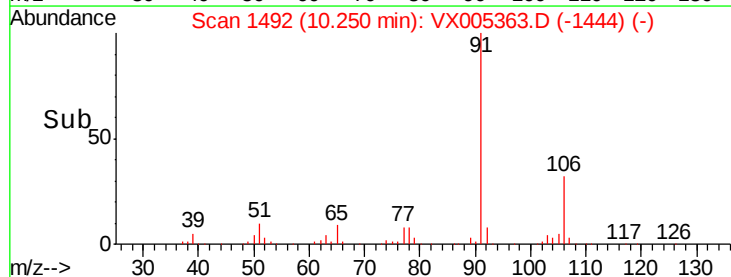
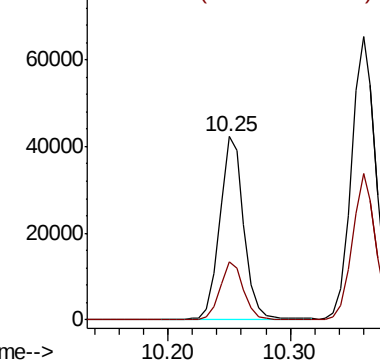


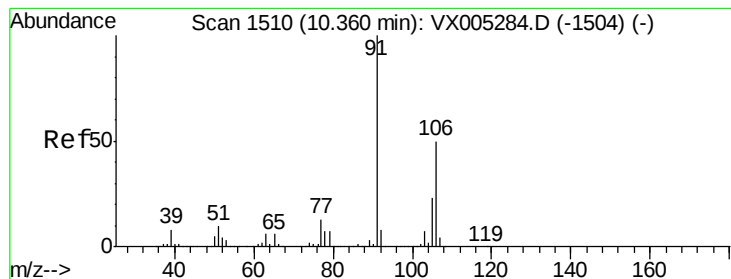
#67
Ethyl Benzene
Concen: 4.255 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion: 91 Resp: 57315
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 8.620 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

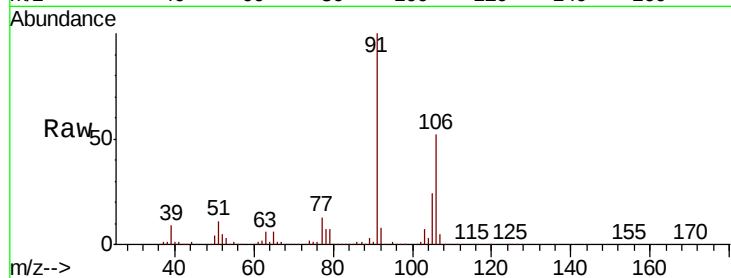
TWP-03DL

Tgt Ion:106 Resp: 45063

Ion Ratio Lower Upper

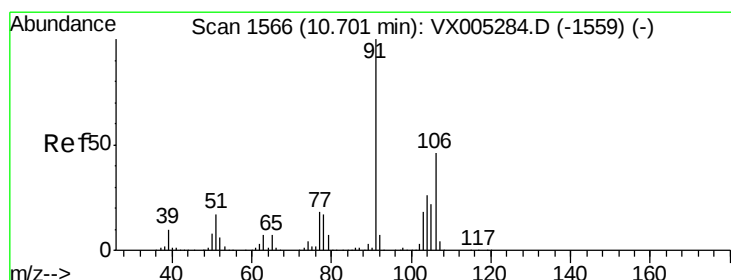
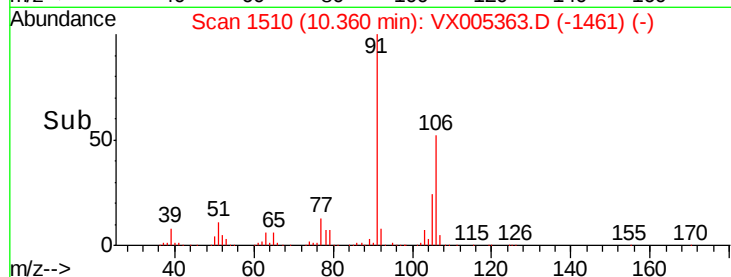
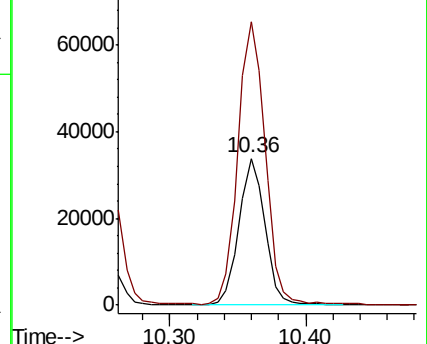
106 100

91 200.4 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.958 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX005363.D

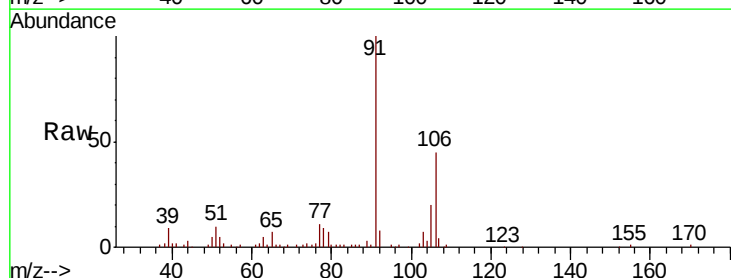
Acq: 16 Oct 2018 11:53

Tgt Ion:106 Resp: 9874

Ion Ratio Lower Upper

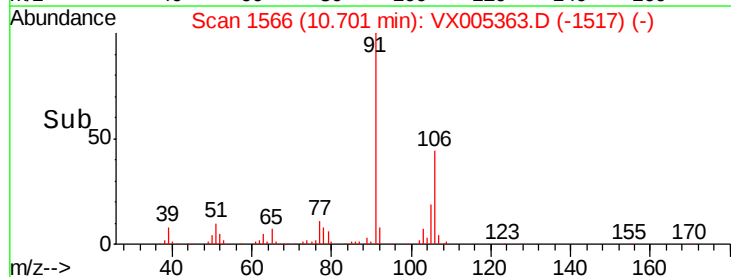
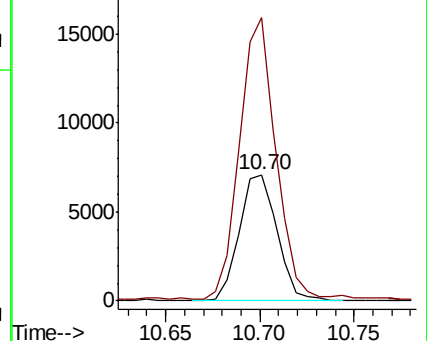
106 100

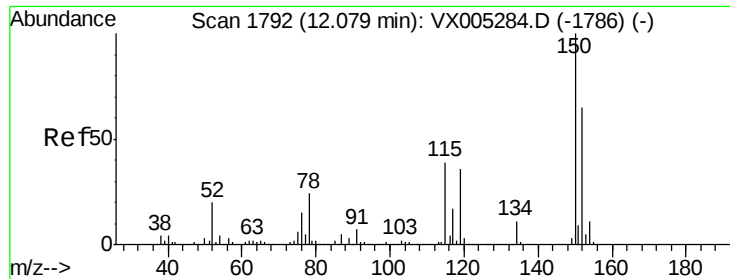
91 217.9 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



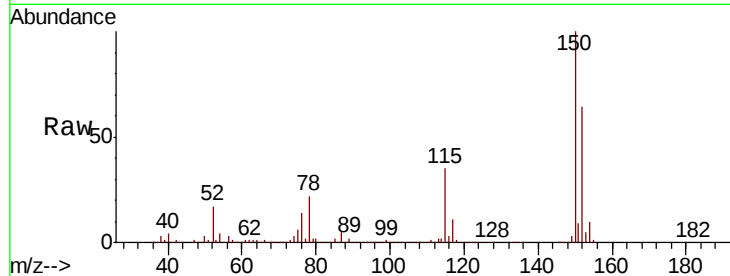


#72

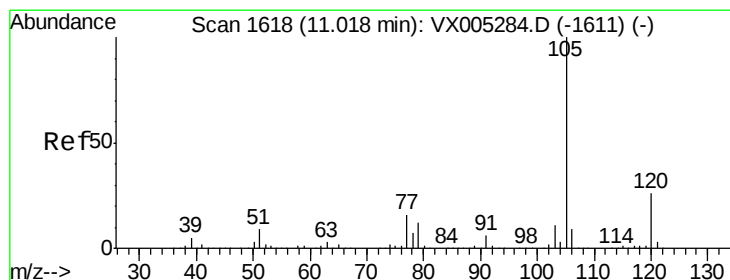
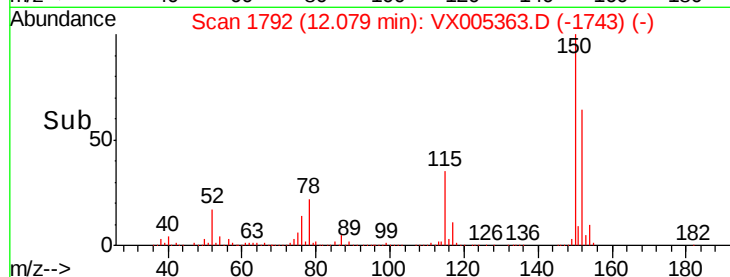
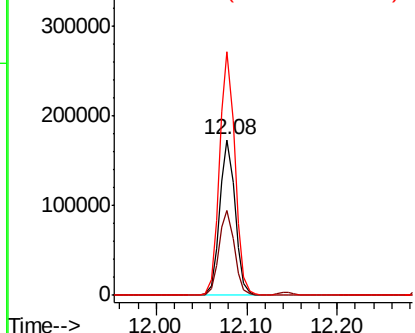
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
TWP-03DL

Tgt Ion:152 Resp: 205723
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 156.8 0.0 351.0



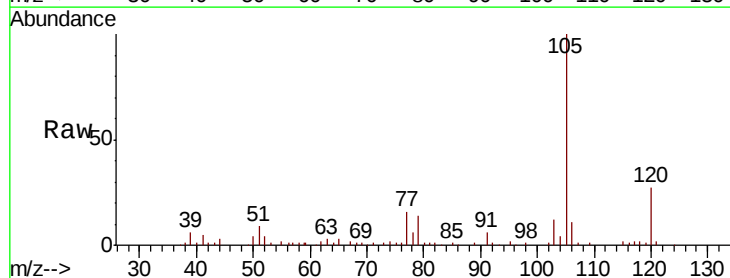
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



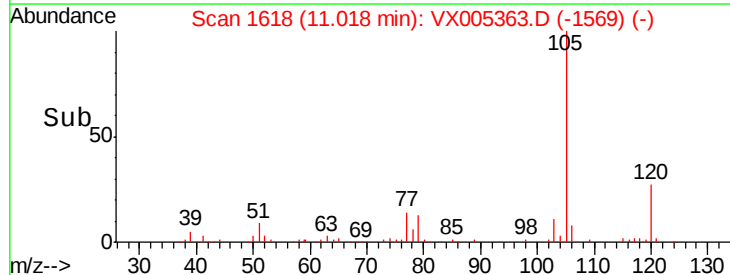
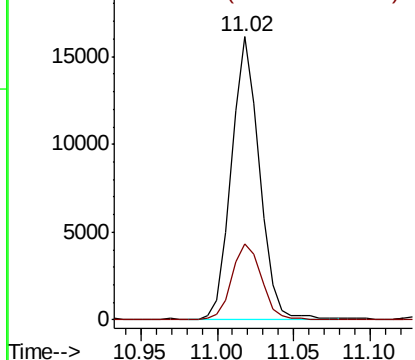
#73

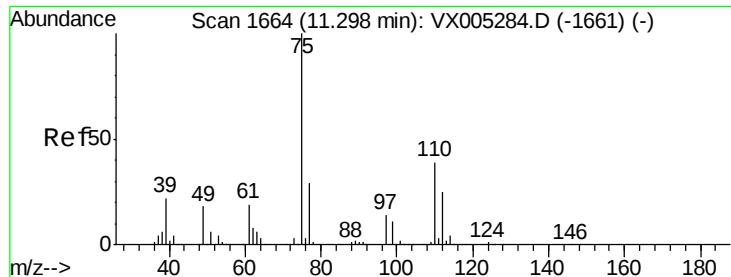
Isopropylbenzene
Concen: 1.677 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion:105 Resp: 20505
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.486 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

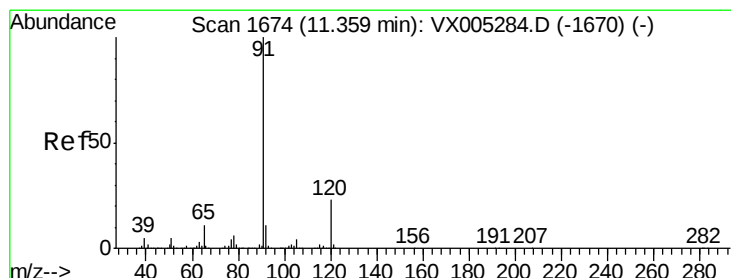
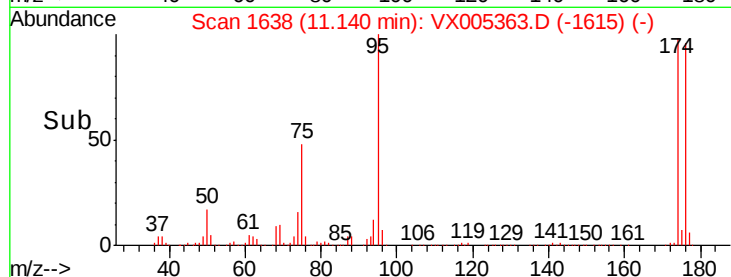
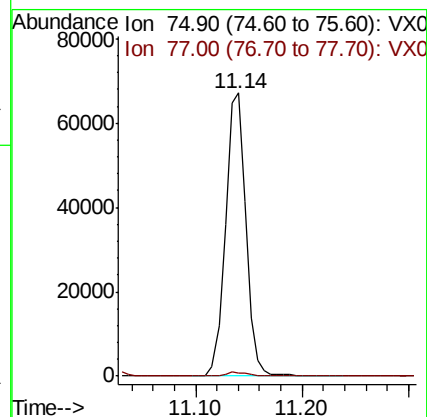
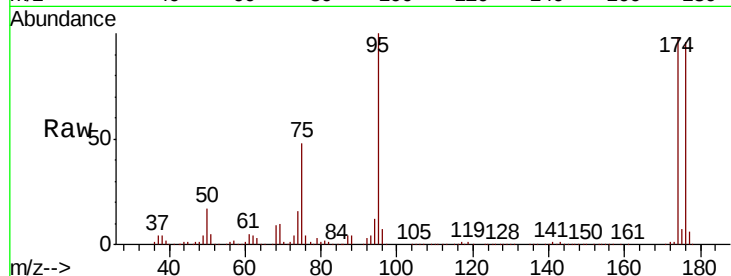
TWP-03DL

Tgt Ion: 75 Resp: 89729

Ion Ratio Lower Upper

75 100

77 1.6 20.2 60.6#



#78

n-propylbenzene

Concen: 7.907 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005363.D

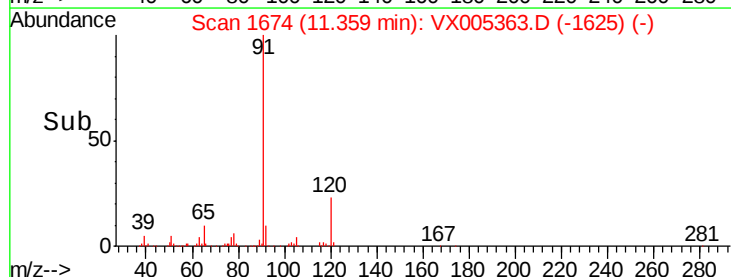
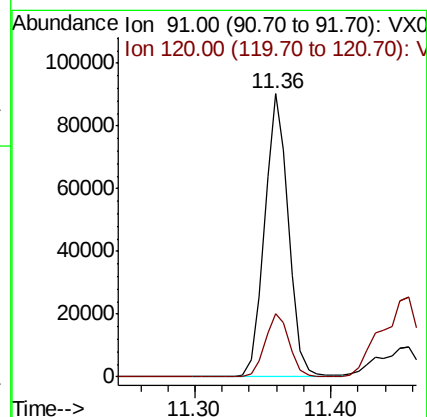
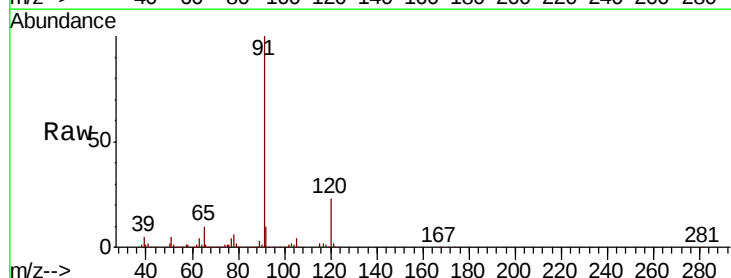
Acq: 16 Oct 2018 11:53

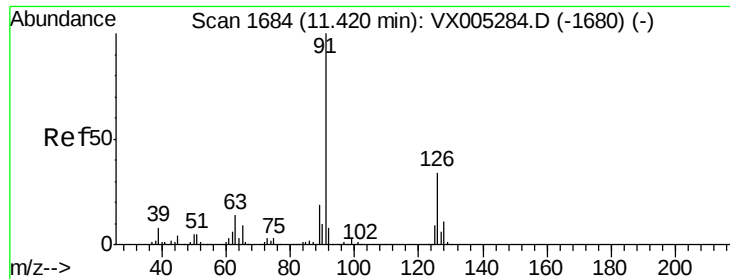
Tgt Ion: 91 Resp: 111277

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9

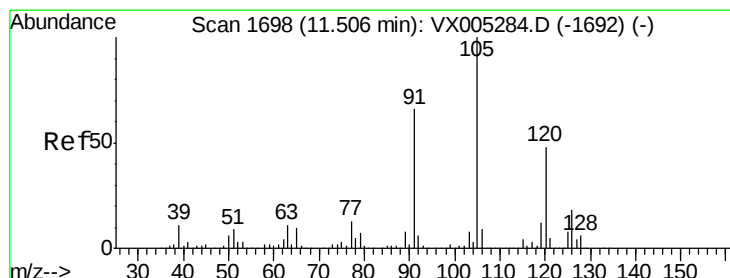
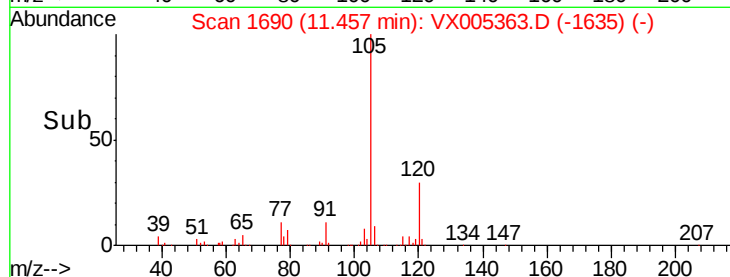
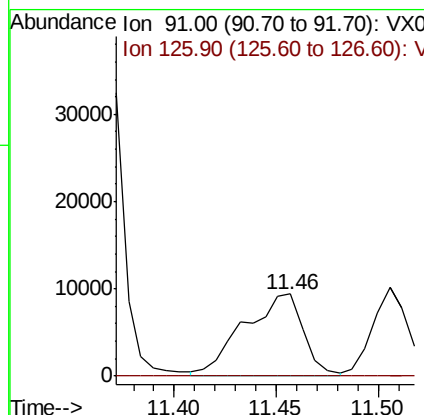
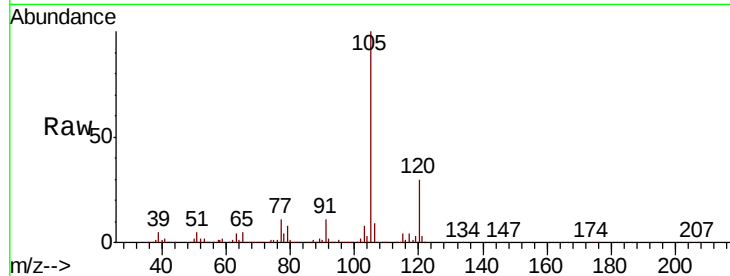




#79
 2-Chlorotoluene
 Concen: 2.188 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. 0.04 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

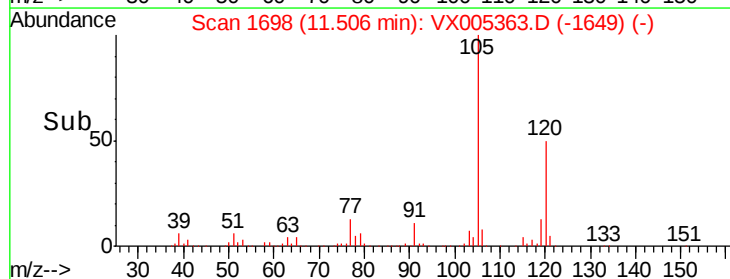
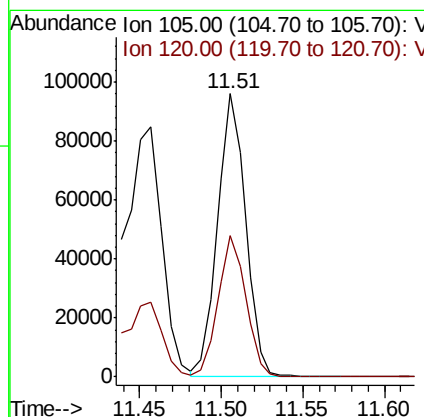
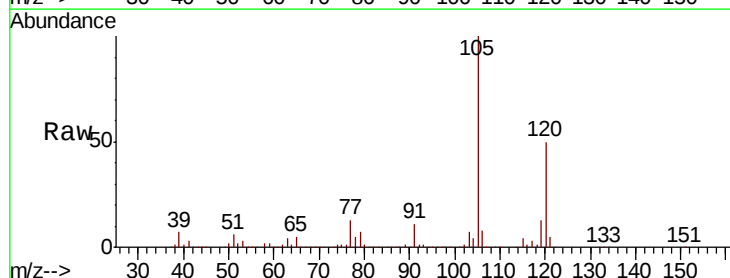
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03DL

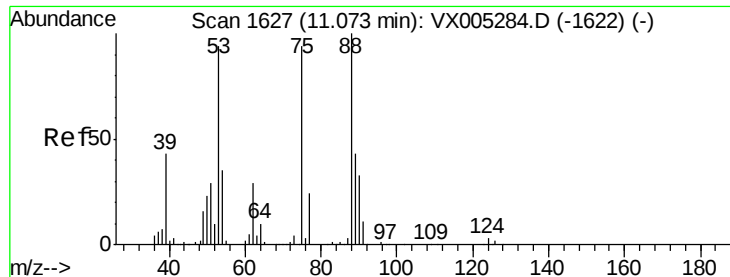
Tgt Ion: 91 Resp: 18857
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.056 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Tgt Ion: 105 Resp: 115782
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.323 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

TWP-03DL

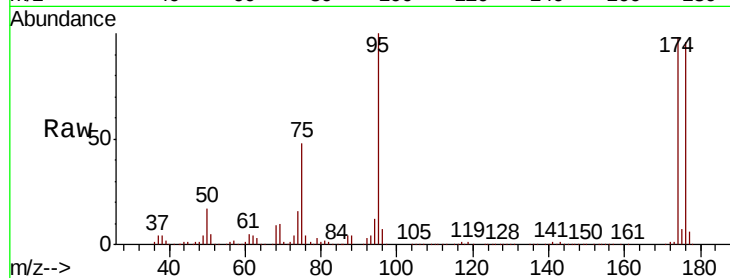
Tgt Ion: 75 Resp: 89729

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

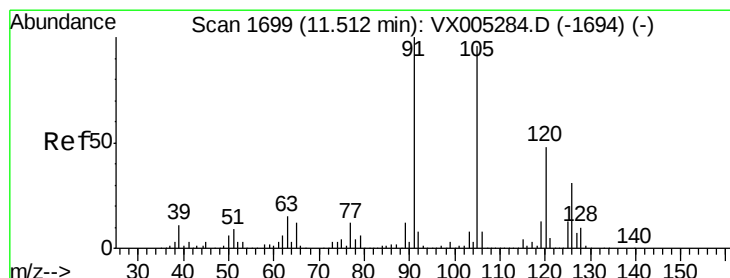
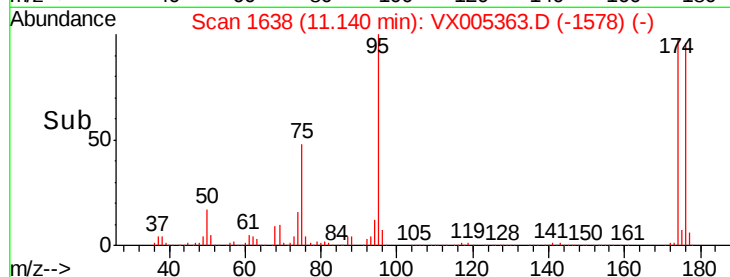
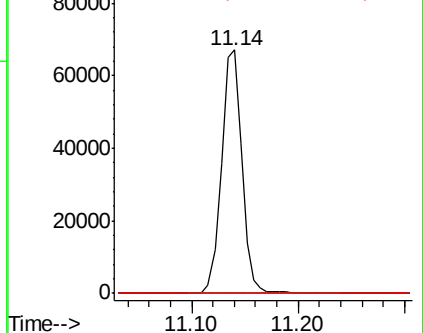
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.194 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005363.D

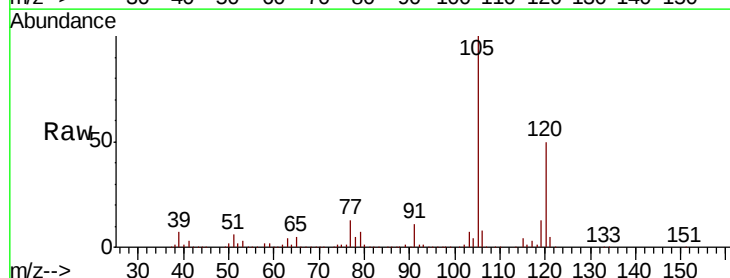
Acq: 16 Oct 2018 11:53

Tgt Ion: 91 Resp: 12200

Ion Ratio Lower Upper

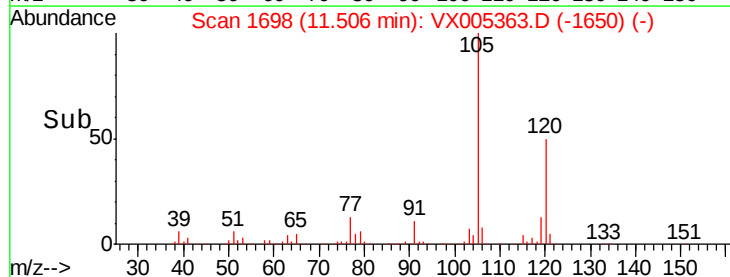
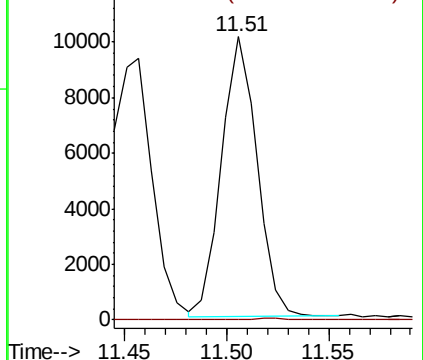
91 100

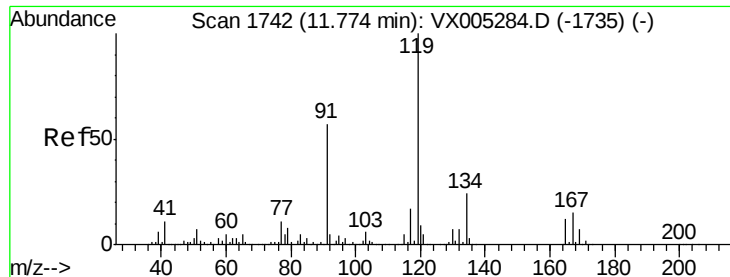
126 0.3 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

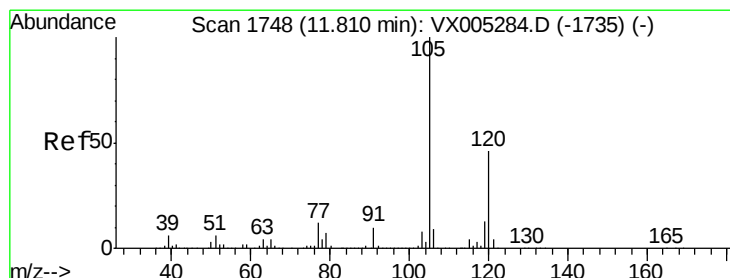
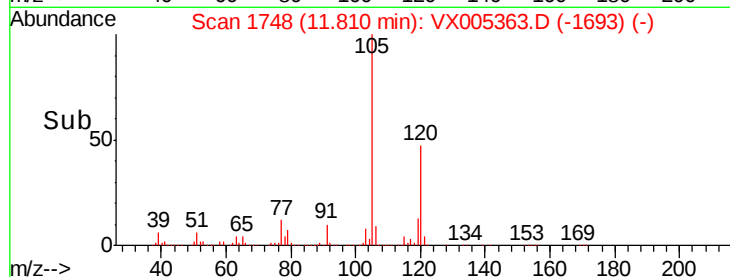
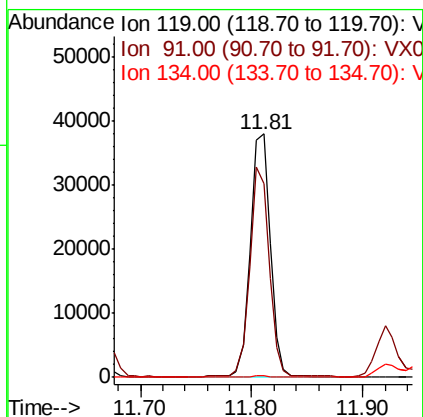
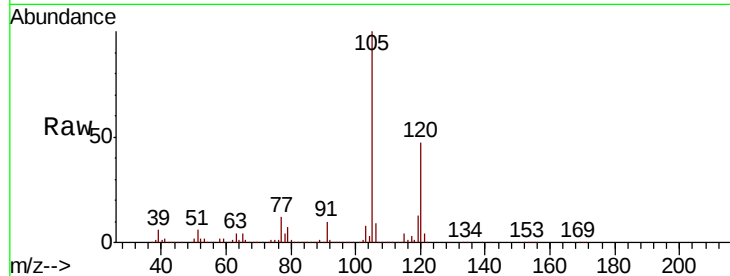




#83
 tert-Butylbenzene
 Concen: 4.508 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

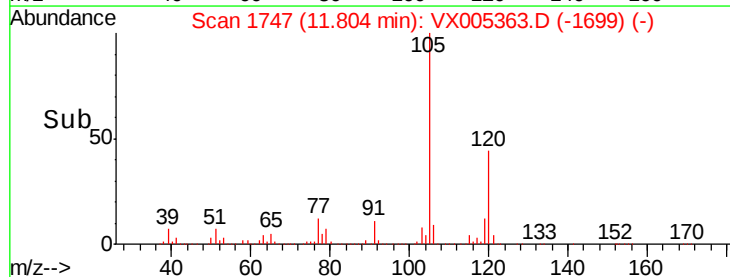
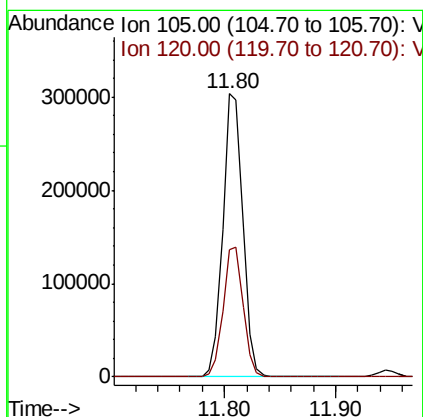
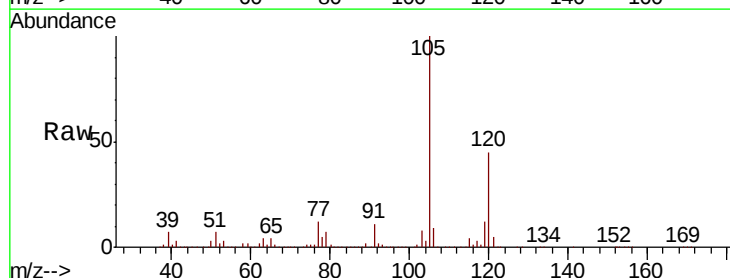
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03DL

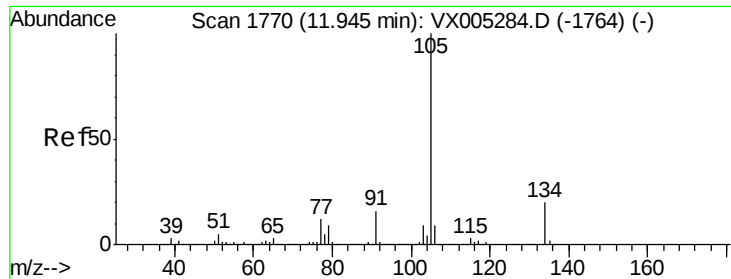
Tgt Ion:119 Resp: 47813
 Ion Ratio Lower Upper
 119 100
 91 84.0 27.0 81.0#
 134 0.8 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 34.980 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Tgt Ion:105 Resp: 376994
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6

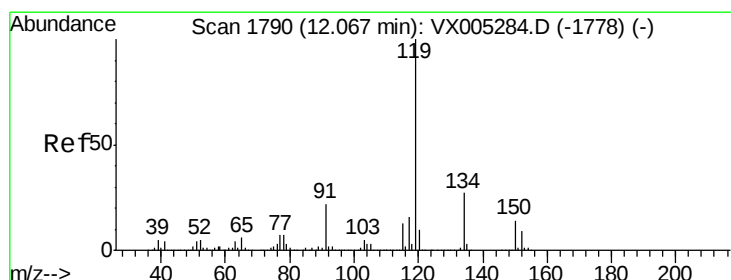
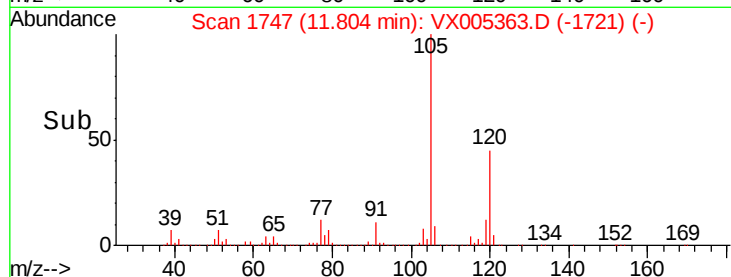
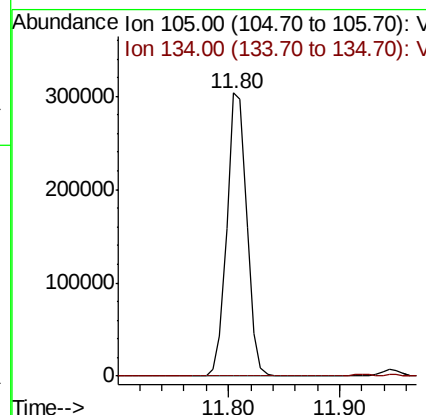
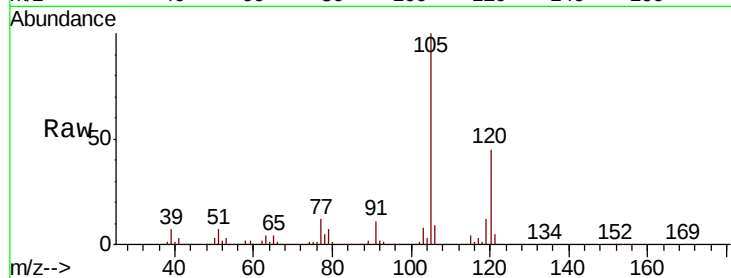




#85
 sec-Butylbenzene
 Concen: 30.037 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

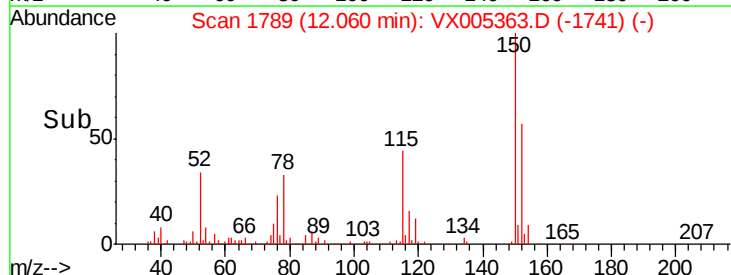
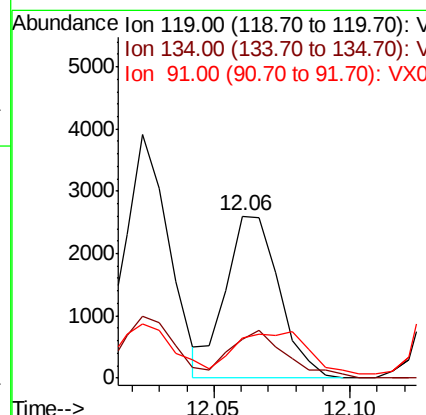
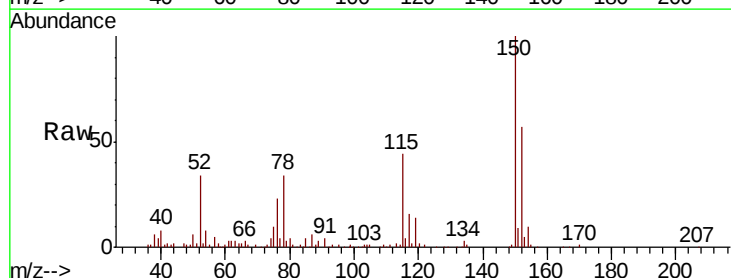
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03DL

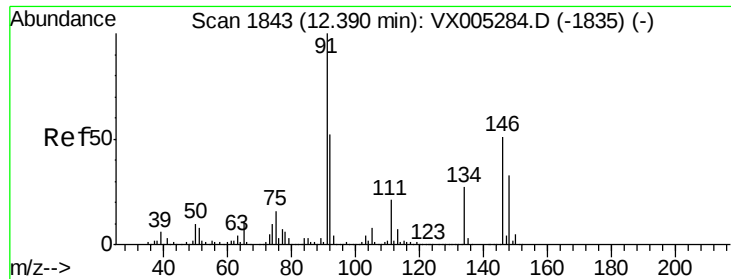
Tgt Ion:105 Resp: 376985
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 0.313 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX005363.D
 Acq: 16 Oct 2018 11:53

Tgt Ion:119 Resp: 3555
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.4 40.2
 91 35.2 10.9 32.7#

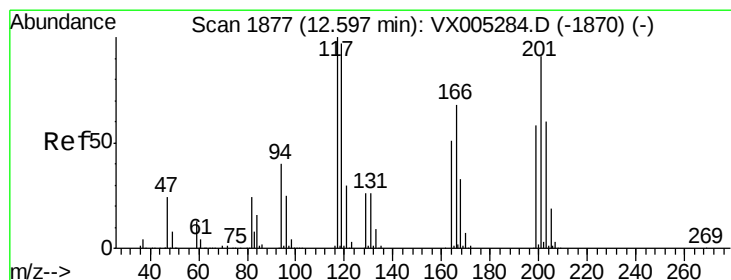
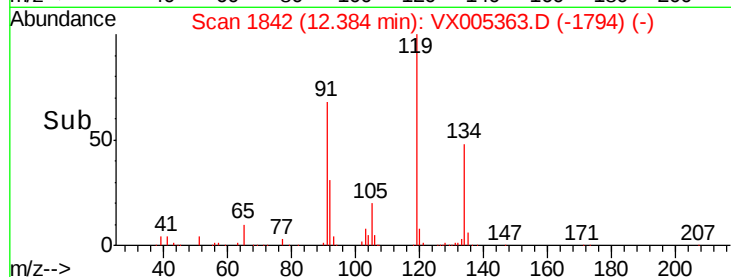
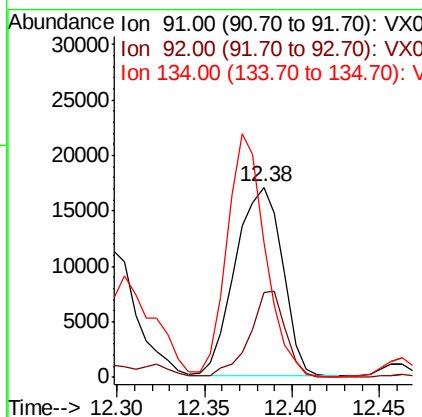
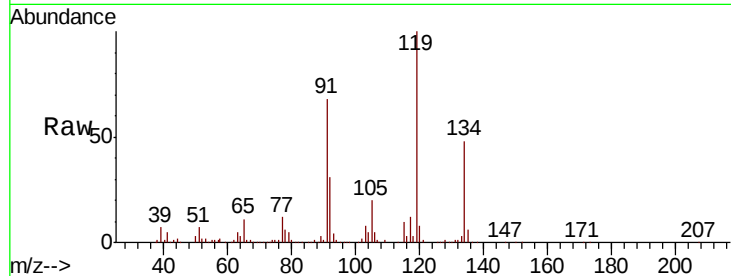




#89
n-Butylbenzene
Concen: 3.124 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

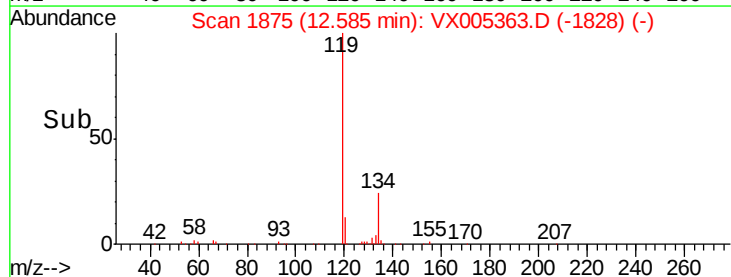
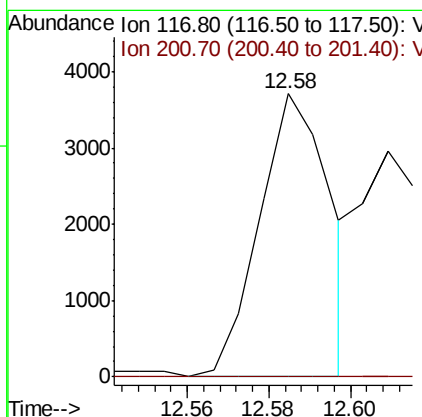
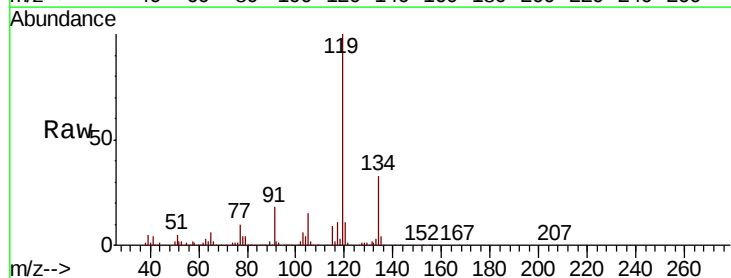
Instrument :
MSVOA_X
ClientSampleId :
TWP-03DL

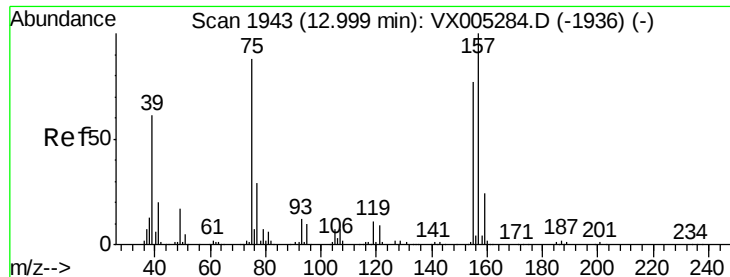
Tgt Ion: 91 Resp: 32179
Ion Ratio Lower Upper
91 100
92 34.8 27.3 81.9
134 104.3 13.6 40.7#



#90
Hexachloroethane
Concen: 2.283 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005363.D
Acq: 16 Oct 2018 11:53

Tgt Ion: 117 Resp: 4464
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.467 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

TWP-03DL

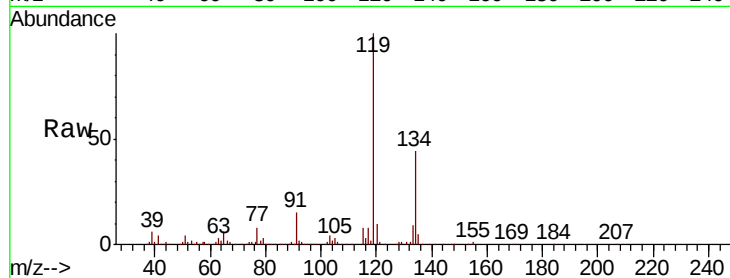
Tgt Ion: 75 Resp: 526

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

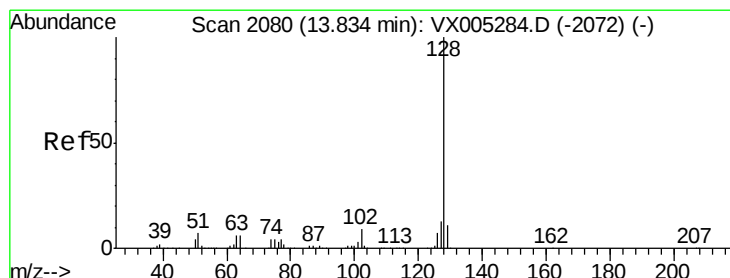
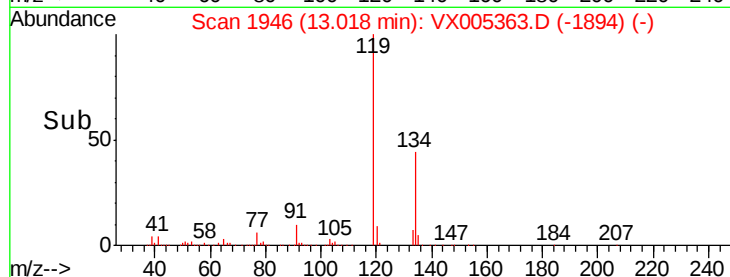
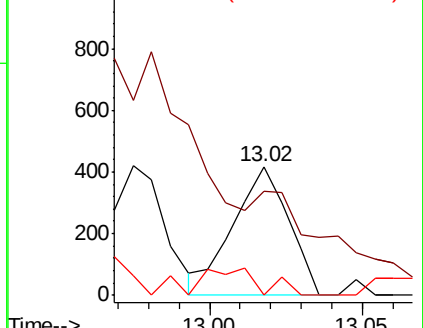
157 24.9 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.370 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005363.D

Acq: 16 Oct 2018 11:53

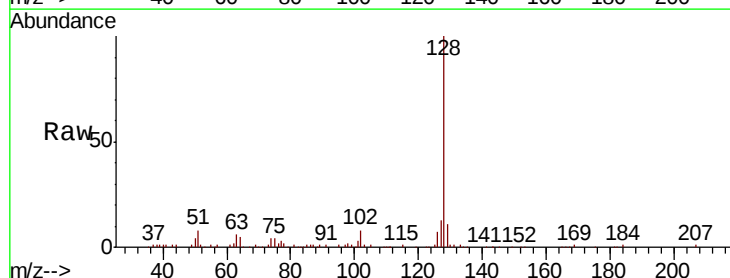
Tgt Ion: 128 Resp: 33625

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

