

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003174.D
 Acq On : 05 Jul 2018 16:06
 Operator : JC/MD
 Sample : VX0705WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Quant Time: Jul 05 16:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150978	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
35) Dibromofluoromethane	5.51	113	130040	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	440677	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	11.14	95	167726	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45201	19.40	ug/l	100
3) Chloromethane	1.32	50	48772	19.62	ug/l	100
4) Vinyl Chloride	1.40	62	52917	18.10	ug/l	96
5) Bromomethane	1.64	94	23167	15.07	ug/l	97
6) Chloroethane	1.72	64	34391	18.72	ug/l	97
7) Trichlorofluoromethane	1.93	101	83478	16.93	ug/l	99
8) Diethyl Ether	2.19	74	30843	17.20	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49474	17.31	ug/l	96
10) Methyl Iodide	2.51	142	40823	18.56	ug/l	97
11) Tert butyl alcohol	3.08	59	64862	91.11	ug/l	97
12) 1,1-Dichloroethene	2.37	96	45386	17.80	ug/l	89
13) Acrolein	2.30	56	22916	61.31	ug/l	99
14) Allyl chloride	2.73	41	87395	17.39	ug/l	94
15) Acrylonitrile	3.15	53	140890	92.66	ug/l	99
16) Acetone	2.45	43	139894	94.53	ug/l	95
17) Carbon Disulfide	2.57	76	115811	17.05	ug/l	100
18) Methyl Acetate	2.78	43	70559	17.05	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	158781	17.32	ug/l	98
20) Methylene Chloride	2.86	84	52348	18.18	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48291	17.39	ug/l	96
22) Diisopropyl ether	3.88	45	165311	17.21	ug/l	99
23) Vinyl Acetate	3.83	43	725771	89.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	91737	17.57	ug/l	99
25) 2-Butanone	4.71	43	221683	100.93	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77281	18.20	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57739	18.54	ug/l	97
28) Bromochloromethane	5.03	49	46204	18.49	ug/l	89
29) Tetrahydrofuran	5.17	42	135862	96.46	ug/l	95
30) Chloroform	5.22	83	98967	18.47	ug/l	100
31) Cyclohexane	5.58	56	79979	17.85	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	84960	18.02	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67856	17.85	ug/l	98
37) Ethyl Acetate	4.87	43	81752	19.97	ug/l	97
38) Carbon Tetrachloride	5.79	117	75647	18.13	ug/l	99

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 Sample : VX0705WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Quant Time: Jul 05 16:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77191	17.43	ug/l	99
40) Benzene	6.15	78	206166	18.66	ug/l	98
41) Methacrylonitrile	5.07	41	45248	19.20	ug/l	98
42) 1,2-Dichloroethane	6.21	62	78508	17.59	ug/l	98
43) Isopropyl Acetate	6.47	43	123252	17.95	ug/l	98
44) Trichloroethene	7.22	130	60114	18.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51970	17.74	ug/l	100
46) Dibromomethane	7.67	93	37562	18.47	ug/l	95
47) Bromodichloromethane	7.90	83	68111	18.12	ug/l	98
48) Methyl methacrylate	7.78	41	62190	17.58	ug/l	93
49) 1,4-Dioxane	7.76	88	27480	399.29	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	408930	95.20	ug/l	98
52) Toluene	8.79	92	133233	18.83	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	77688	18.25	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71915	17.55	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	54662	18.80	ug/l	98
56) Ethyl methacrylate	9.19	69	76821	18.08	ug/l	93
57) 1,3-Dichloropropane	9.38	76	89439	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	208711	101.79	ug/l	97
59) 2-Hexanone	9.50	43	312009	95.58	ug/l	96
60) Dibromochloromethane	9.59	129	55370	18.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57618	18.89	ug/l	100
64) Tetrachloroethene	9.34	164	67169	18.55	ug/l	97
65) Chlorobenzene	10.14	112	152505	18.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55812	18.57	ug/l	99
67) Ethyl Benzene	10.26	91	246052	18.01	ug/l	99
68) m/p-Xylenes	10.36	106	195100	37.05	ug/l	97
69) o-Xylene	10.70	106	94244	18.38	ug/l	98
70) Styrene	10.71	104	155108	18.62	ug/l	98
71) Bromoform	10.86	173	43177	18.56	ug/l #	98
73) Isopropylbenzene	11.02	105	255618	18.74	ug/l	100
74) N-amyl acetate	6.47	43	123252	18.47	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80452	19.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89524	24.38	ug/l	81
77) Bromobenzene	11.26	156	73229	18.86	ug/l	96
78) n-propylbenzene	11.37	91	284113	18.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	173745	18.49	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	213567	18.59	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20023	18.12	ug/l	97
82) 4-Chlorotoluene	11.51	91	201258	18.09	ug/l	98
83) tert-Butylbenzene	11.77	119	211231	18.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	220177	18.50	ug/l	99
85) sec-Butylbenzene	11.95	105	249270	18.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	227730	18.45	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	131209	18.50	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130157	17.83	ug/l	99
89) n-Butylbenzene	12.39	91	181626	16.90	ug/l	99
90) Hexachloroethane	12.60	117	31306	17.05	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	131056	18.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16912	17.91	ug/l	94

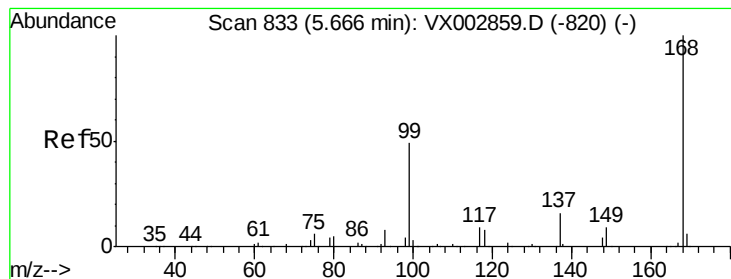
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003174.D
Acq On : 05 Jul 2018 16:06
Operator : JC/MD
Sample : VX0705WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Quant Time: Jul 05 16:24:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91787	17.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	46116	17.75	ug/l	100
95) Naphthalene	13.83	128	259136	18.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96223	18.49	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

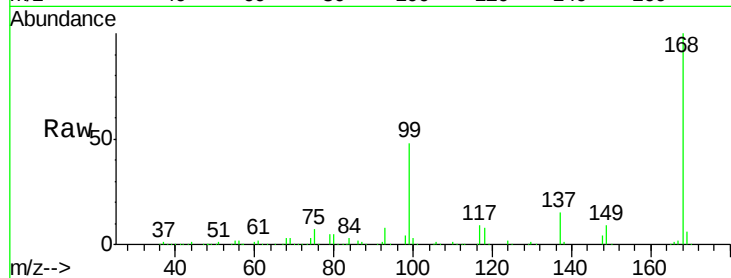
VX0705WBSD02

Tot Ion:168 Resp: 258541

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

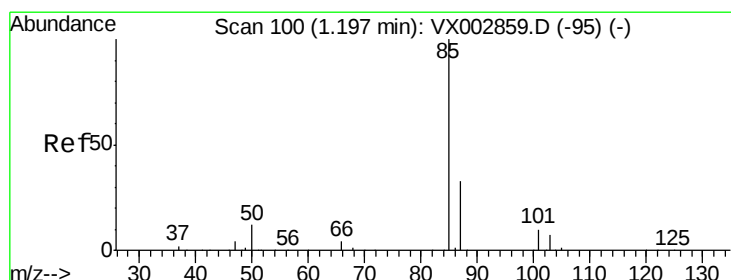
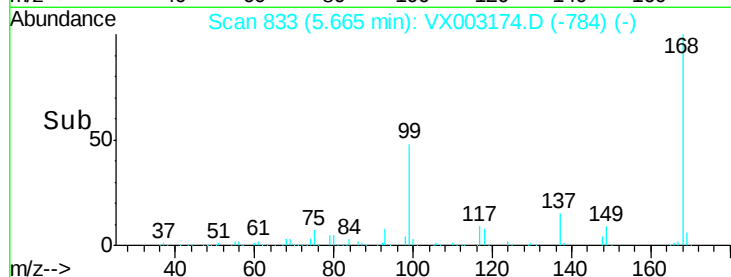
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003174.D

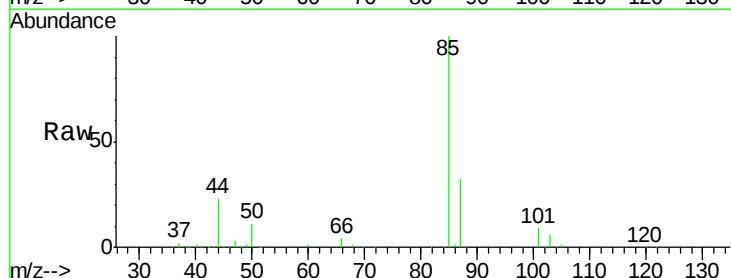
Acq: 05 Jul 2018 16:06

Tgt Ion: 85 Resp: 45201

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

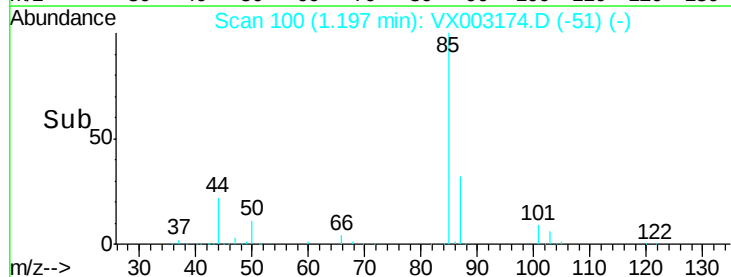
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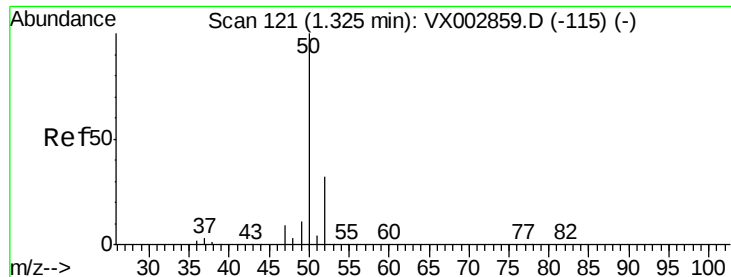
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

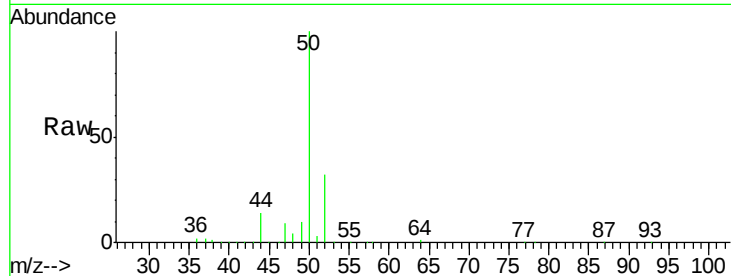
VX0705WBSD02

Tot Ion: 50 Resp: 48772

Ion Ratio Lower Upper

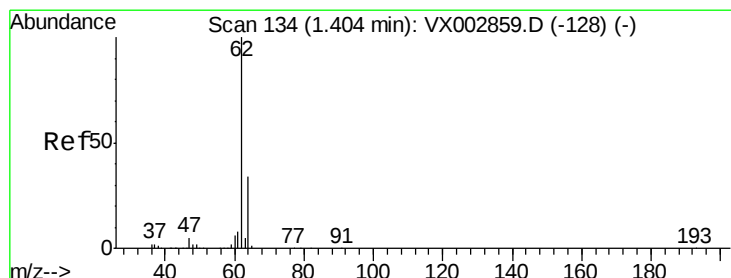
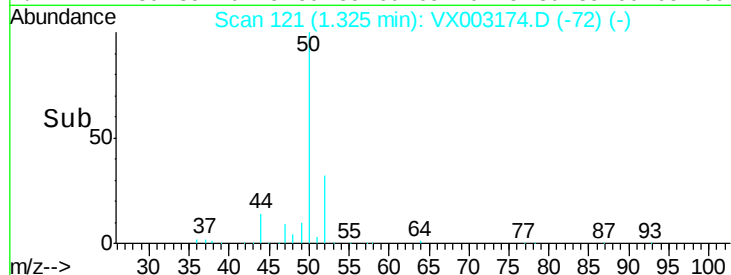
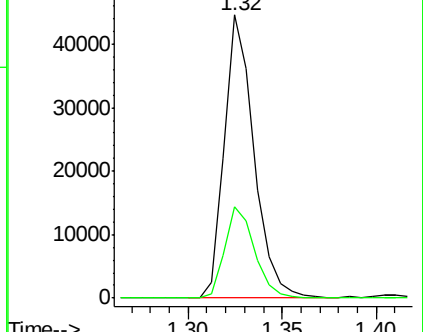
50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003174.D

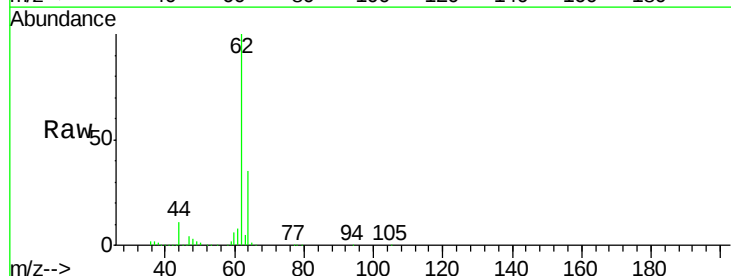
Acq: 05 Jul 2018 16:06

Tgt Ion: 62 Resp: 52917

Ion Ratio Lower Upper

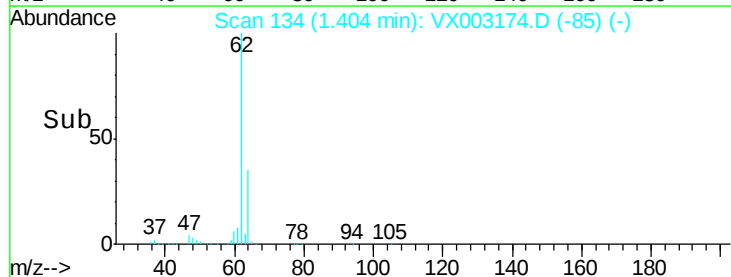
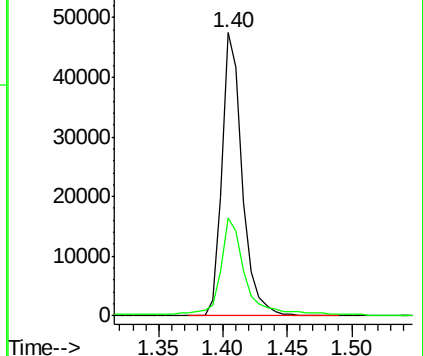
62 100

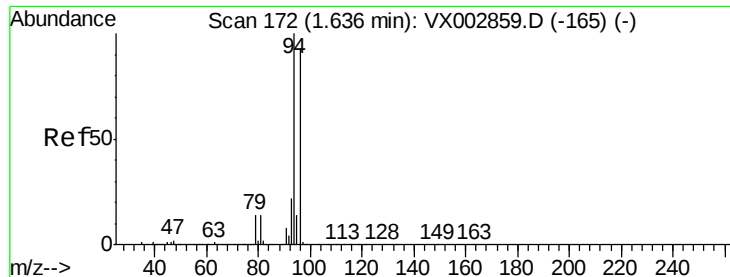
64 34.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.07 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

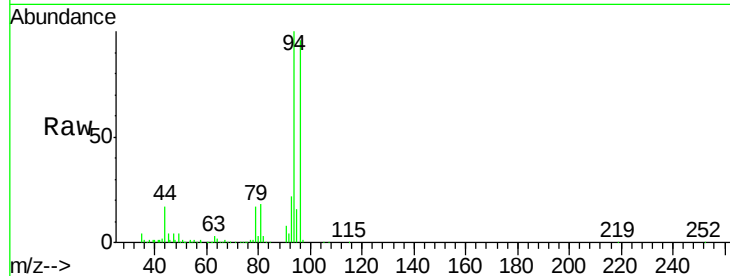
VX0705WBSD02

Tot Ion: 94 Resp: 23167

Ion Ratio Lower Upper

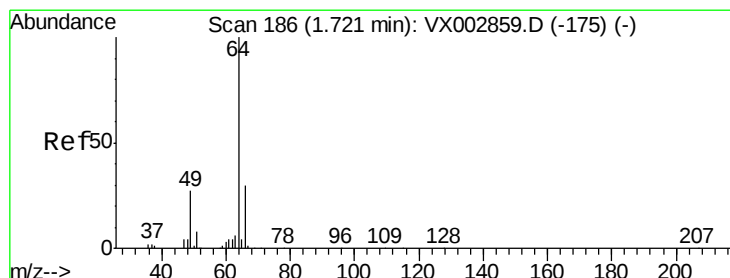
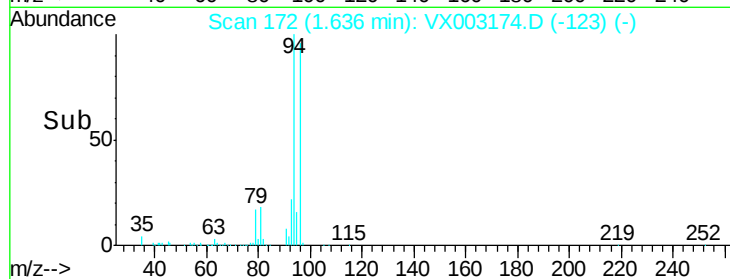
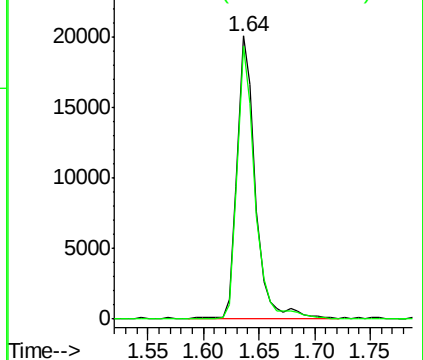
94 100

96 96.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.72 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003174.D

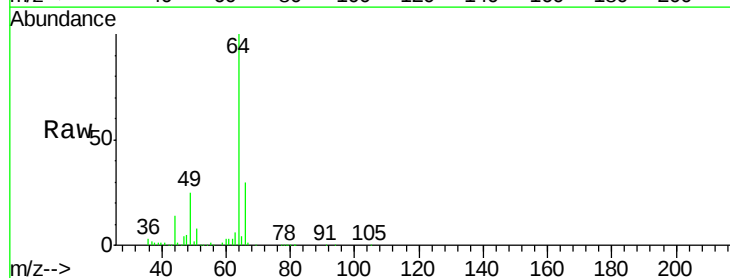
Acq: 05 Jul 2018 16:06

Tgt Ion: 64 Resp: 34391

Ion Ratio Lower Upper

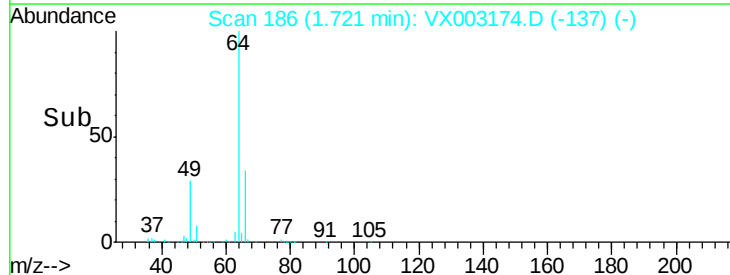
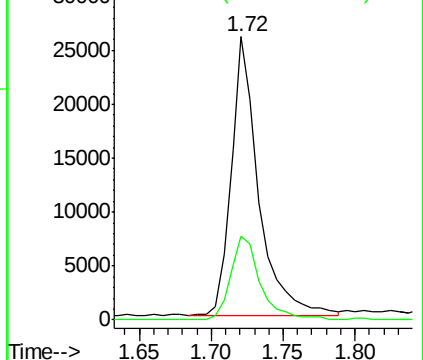
64 100

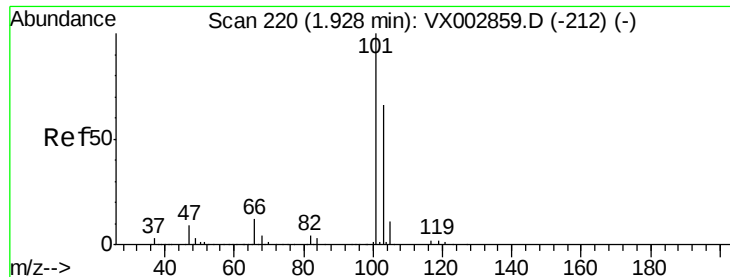
66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



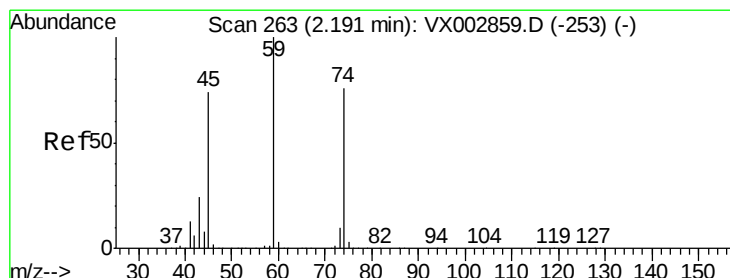
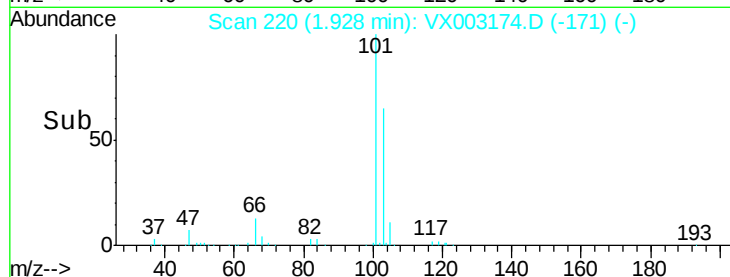
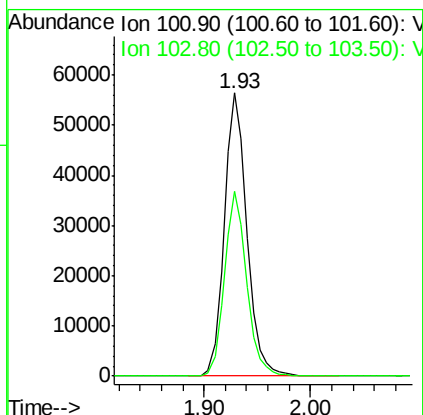
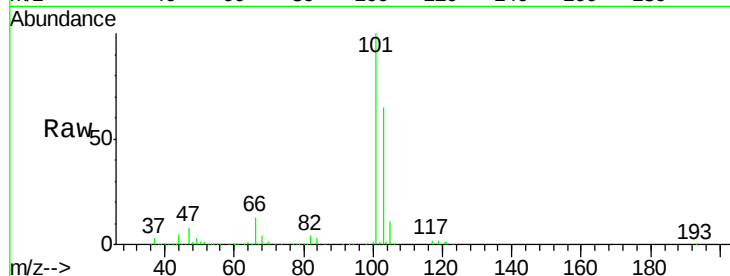


#7

Trichlorofluoromethane
 Concen: 16.93 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

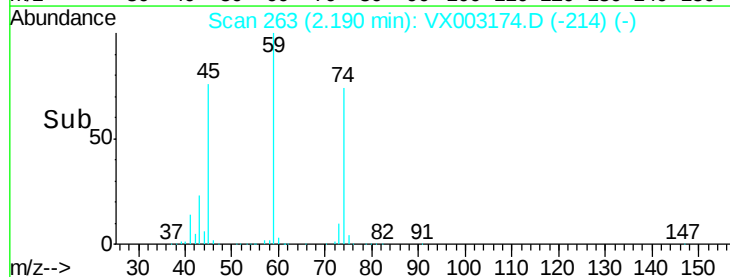
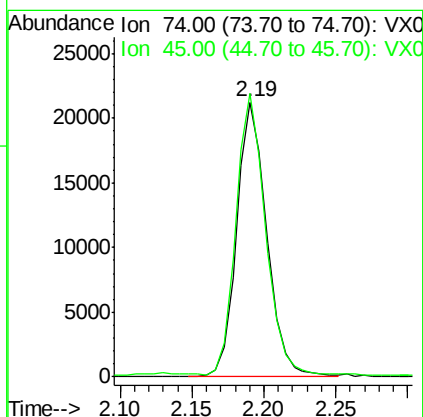
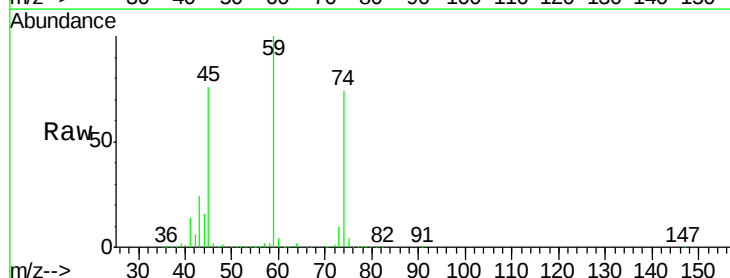
Tot Ion:101 Resp: 83478
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2



#8

Diethyl Ether
 Concen: 17.20 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion: 74 Resp: 30843
 Ion Ratio Lower Upper
 74 100
 45 102.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.31 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

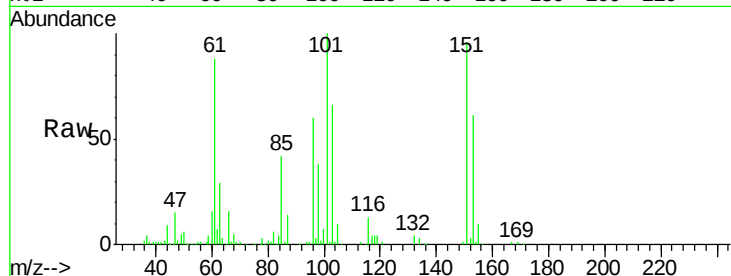
Tot Ion:101 Resp: 49474

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

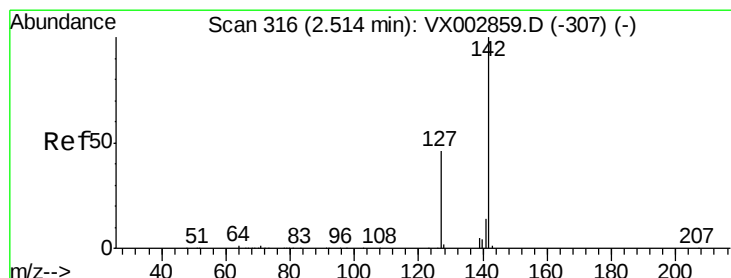
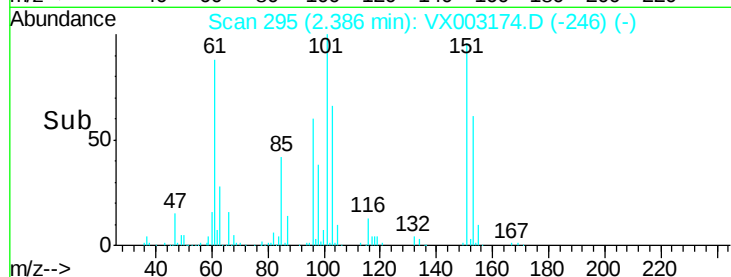
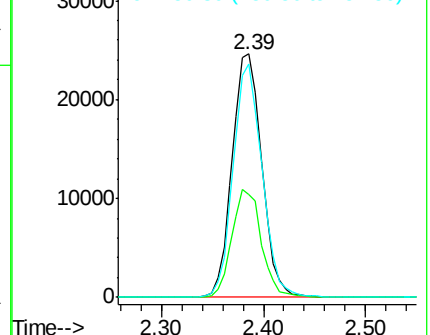
151 93.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

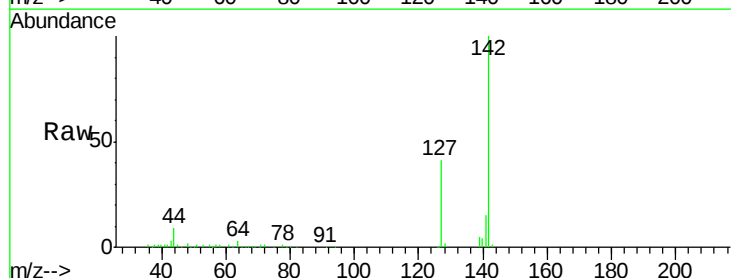
Tgt Ion:142 Resp: 40823

Ion Ratio Lower Upper

142 100

127 42.9 36.6 55.0

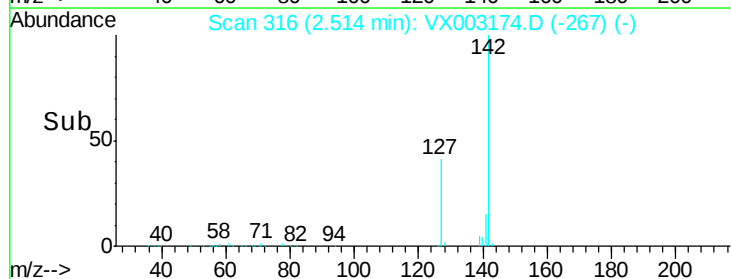
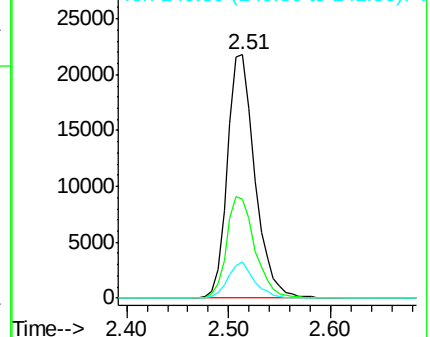
141 14.2 11.3 16.9

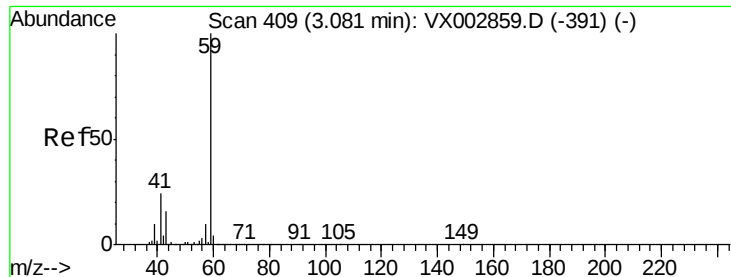


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.11 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

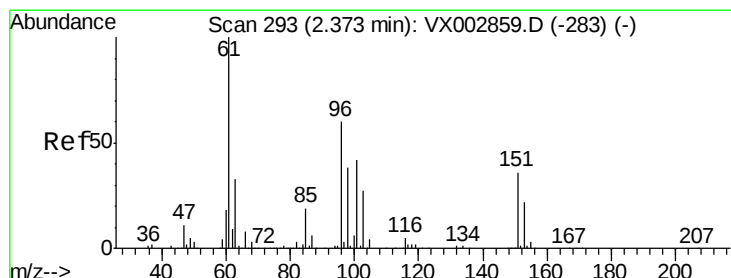
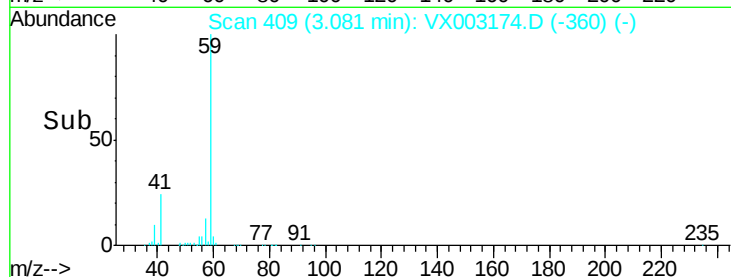
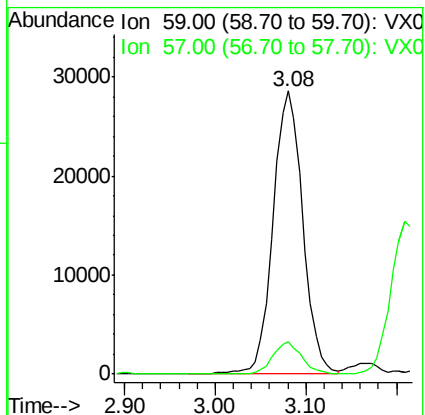
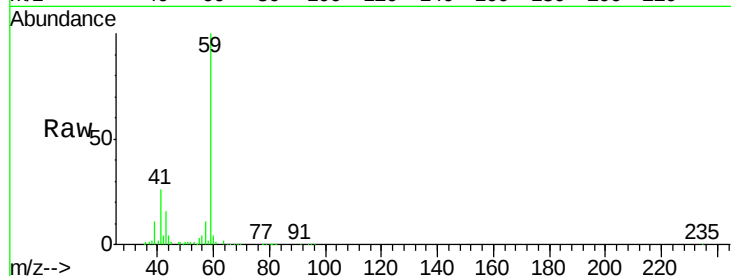
VX0705WBSD02

Tot Ion: 59 Resp: 64862

Ion Ratio Lower Upper

59 100

57 11.2 8.2 12.2



#12

1,1-Dichloroethene

Concen: 17.80 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

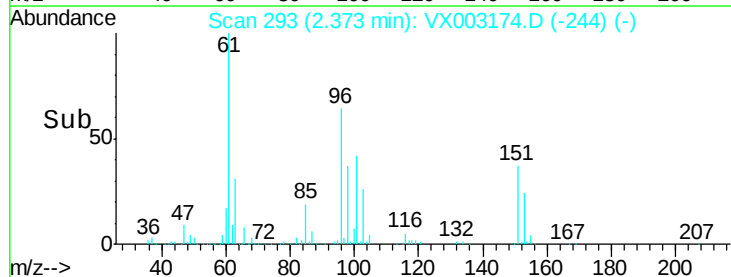
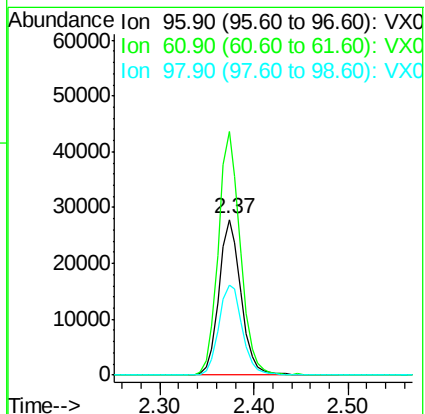
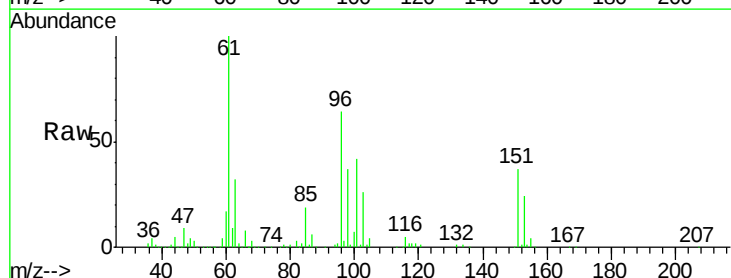
Tgt Ion: 96 Resp: 45386

Ion Ratio Lower Upper

96 100

61 156.3 137.9 206.9

98 57.7 51.6 77.4





#13

Acrolein

Concen: 61.31 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

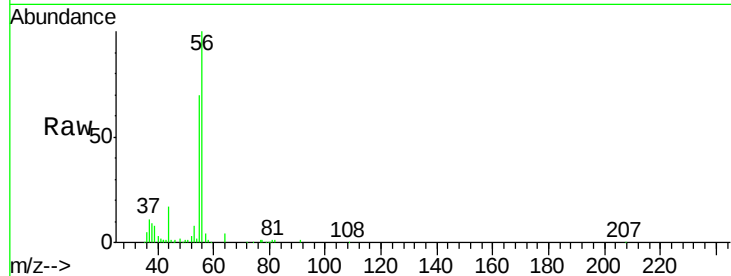
VX0705WBSD02

Tot Ion: 56 Resp: 22916

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

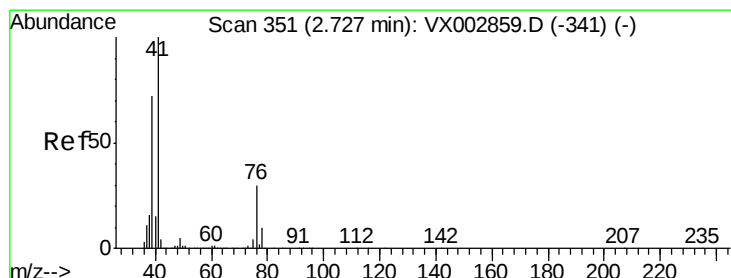
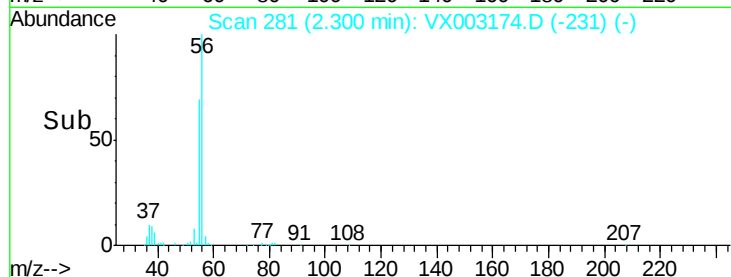
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.39 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

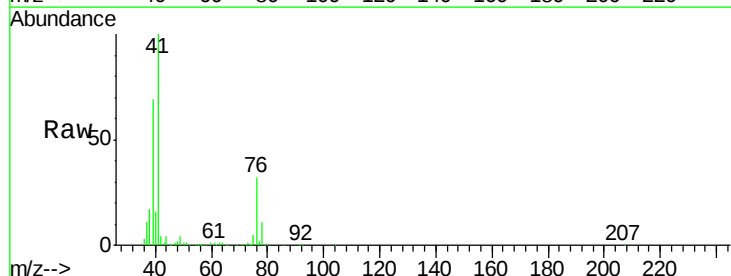
Tgt Ion: 41 Resp: 87395

Ion Ratio Lower Upper

41 100

39 65.0 56.8 85.2

76 30.9 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

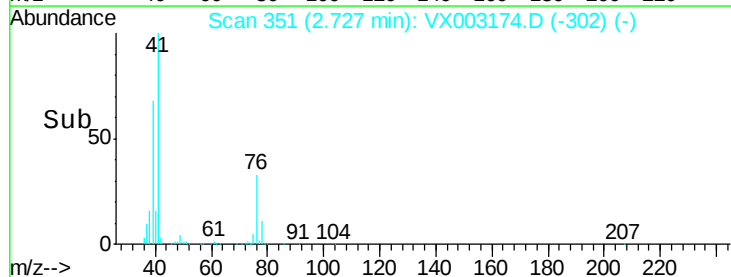
30000

20000

10000

0

Time--> 2.70 2.73 2.76 2.79 2.82





#15

Acrylonitrile

Concen: 92.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

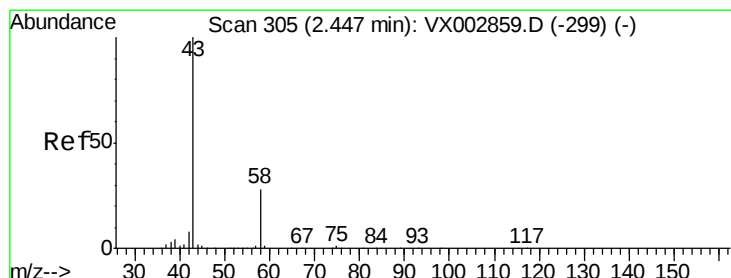
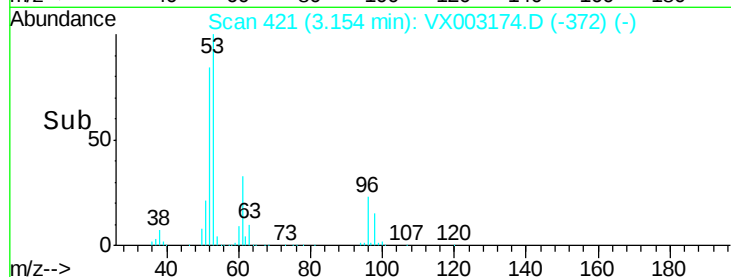
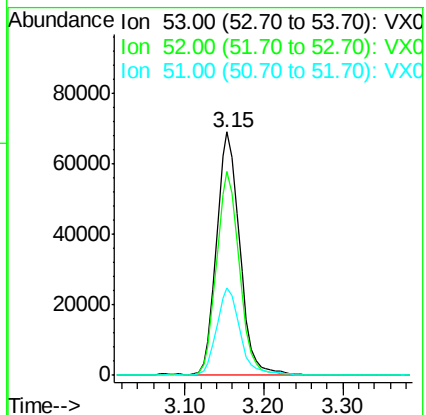
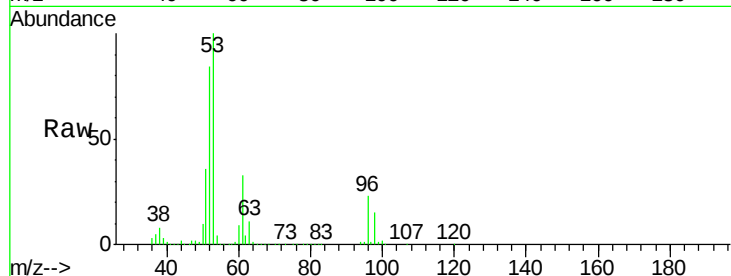
Tot Ion: 53 Resp: 140890

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

51 36.0 29.9 44.9



#16

Acetone

Concen: 94.53 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003174.D

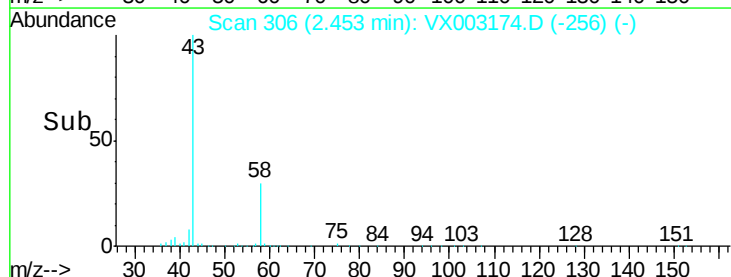
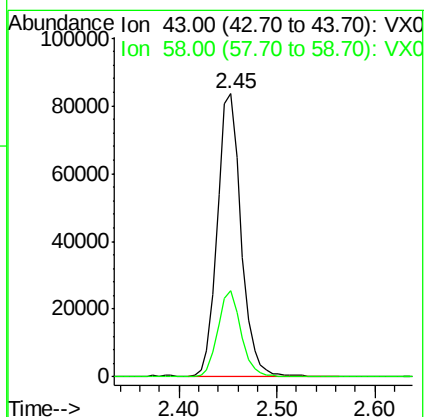
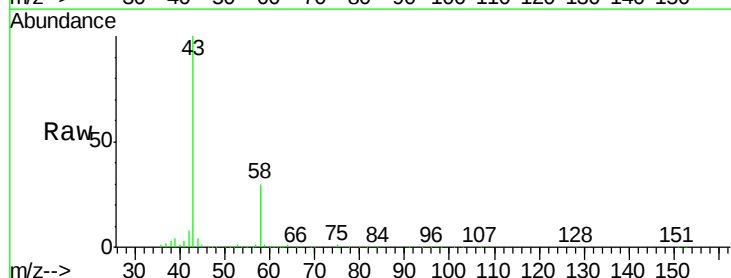
Acq: 05 Jul 2018 16:06

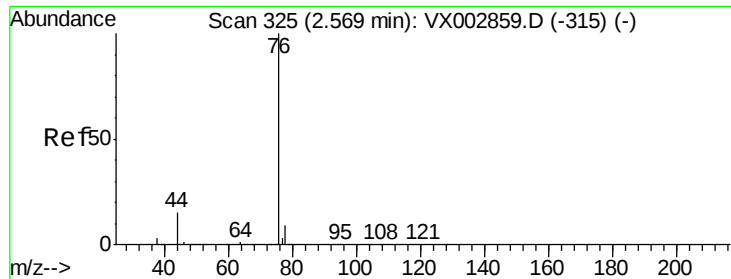
Tgt Ion: 43 Resp: 139894

Ion Ratio Lower Upper

43 100

58 30.4 22.1 33.1

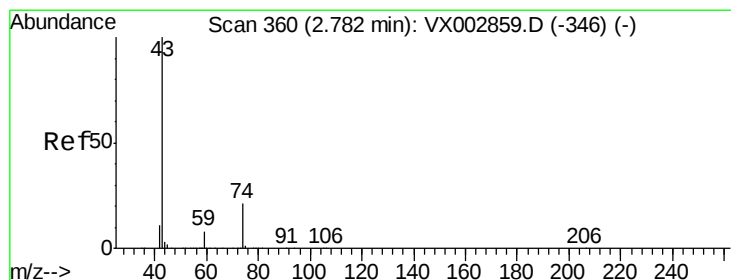
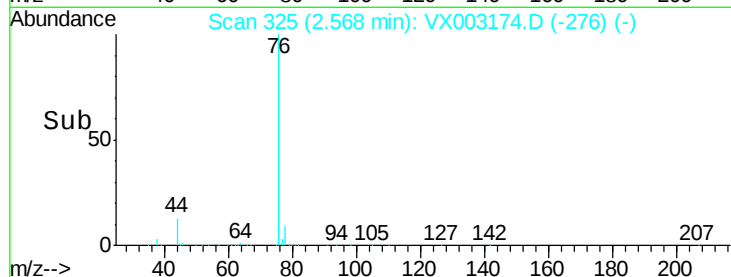
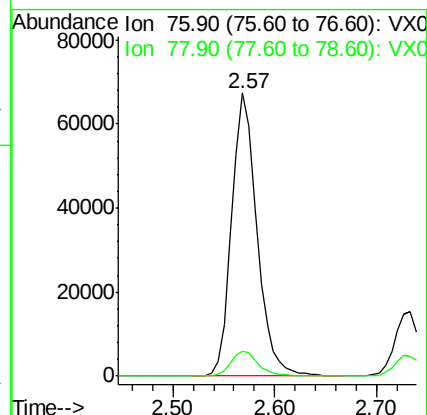
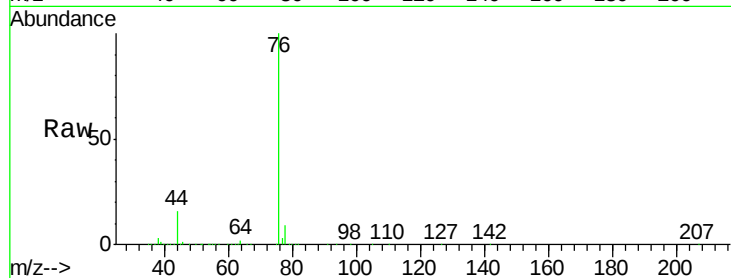




#17
Carbon Disulfide
Concen: 17.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

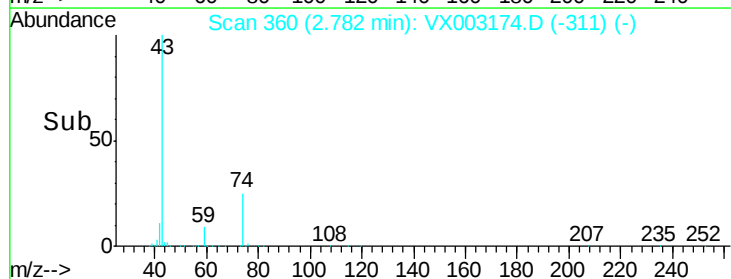
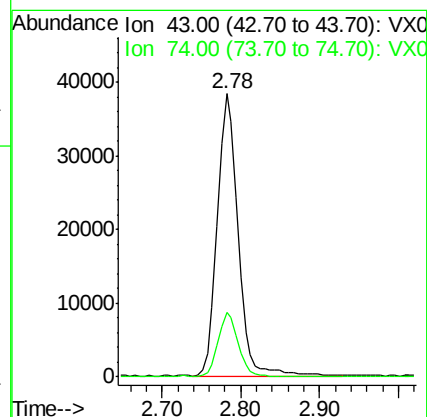
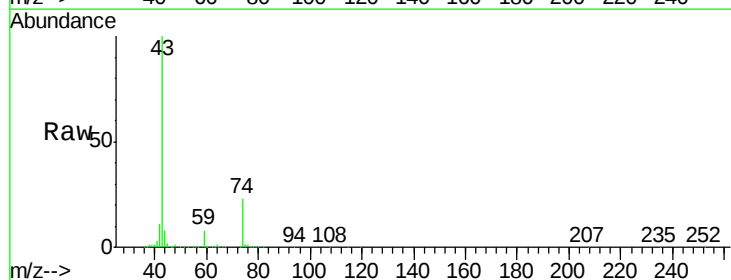
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

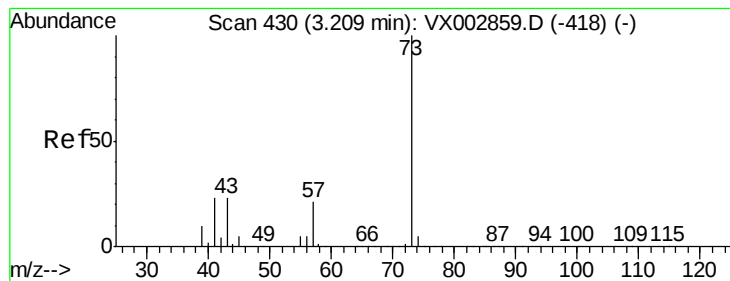
Tot Ion: 76 Resp: 115811
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 17.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion: 43 Resp: 70559
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 17.32 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

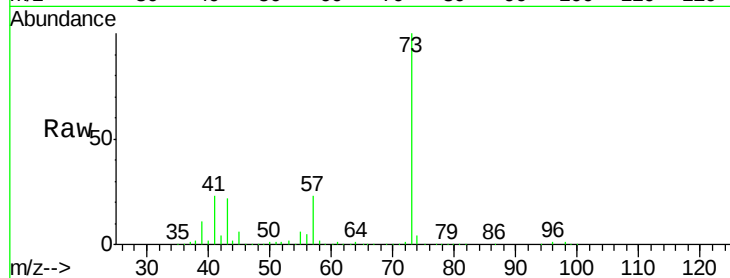
VX0705WBSD02

Tot Ion: 73 Resp: 158781

Ion Ratio Lower Upper

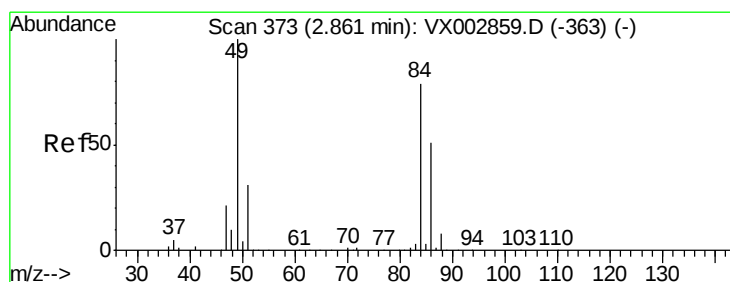
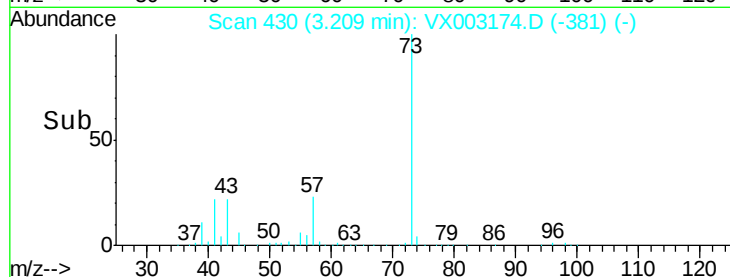
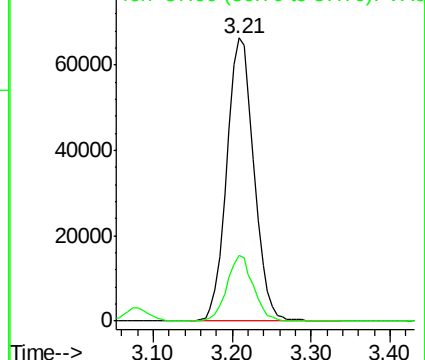
73 100

57 23.3 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.18 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Tgt Ion: 84 Resp: 52348

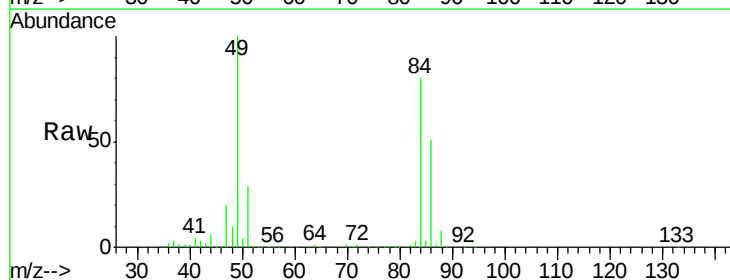
Ion Ratio Lower Upper

84 100

49 125.1 107.8 161.6

51 35.8 32.8 49.2

86 64.1 52.5 78.7

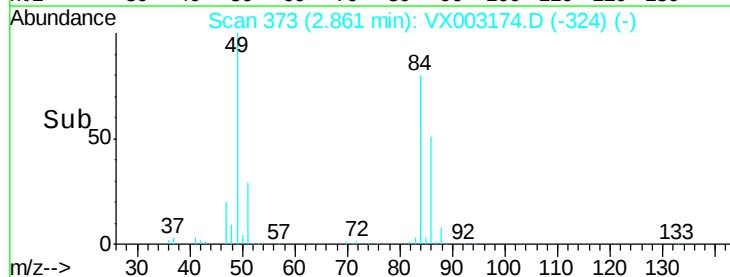
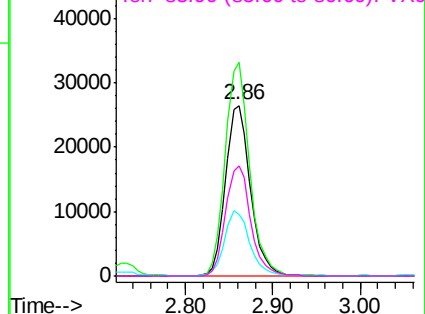


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 17.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

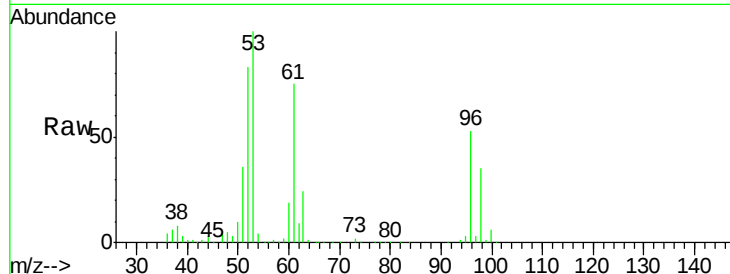
Tot Ion: 96 Resp: 48291

Ion Ratio Lower Upper

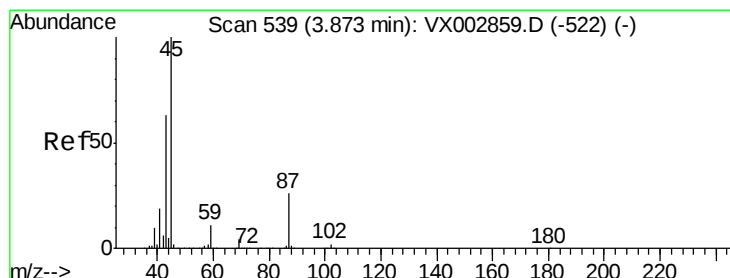
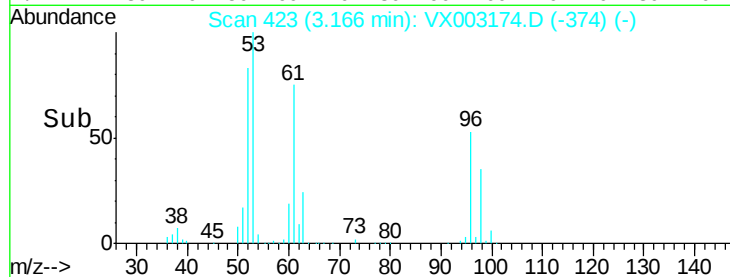
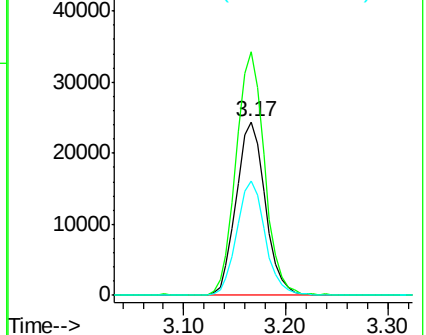
96 100

61 139.8 117.0 175.4

98 66.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.21 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Tgt Ion: 45 Resp: 165311

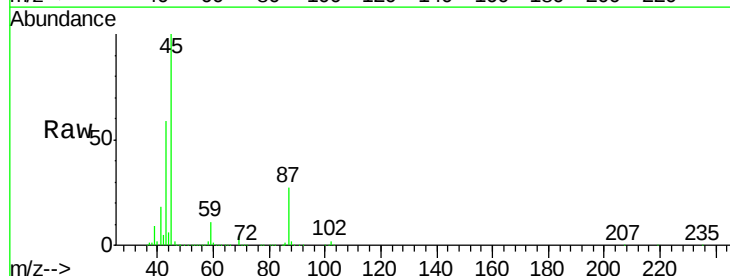
Ion Ratio Lower Upper

45 100

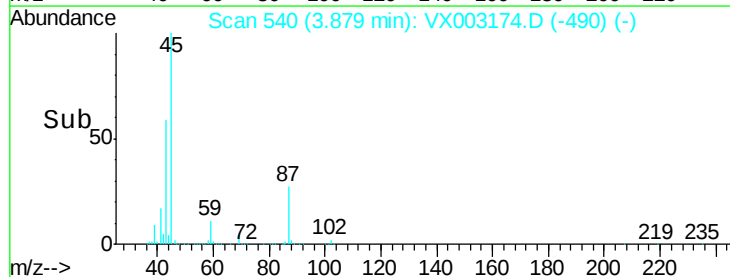
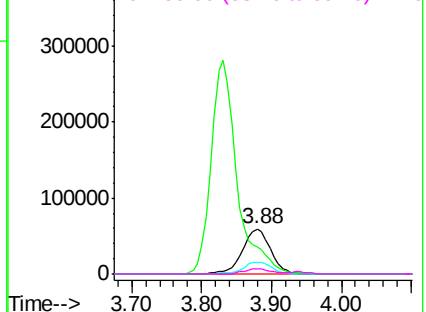
43 58.6 46.8 70.2

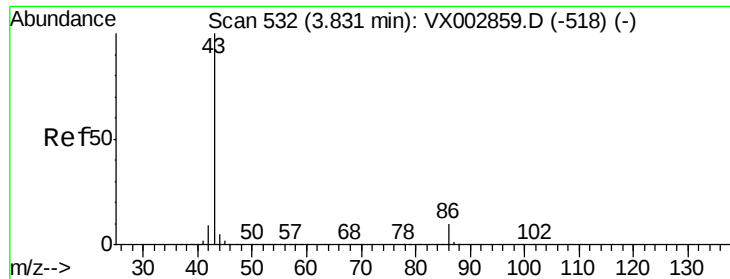
87 26.6 20.2 30.4

59 11.4 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

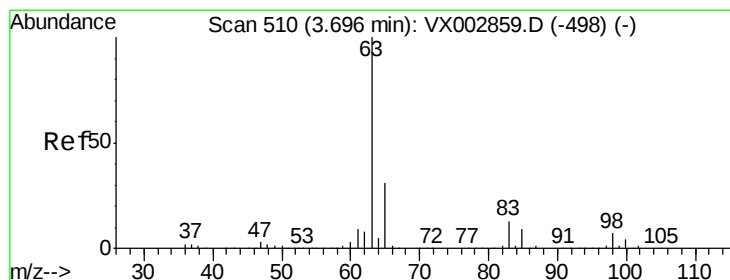
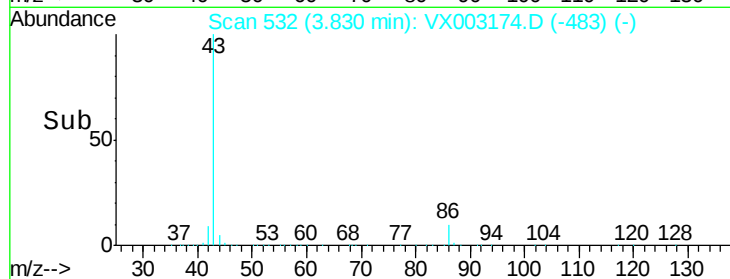
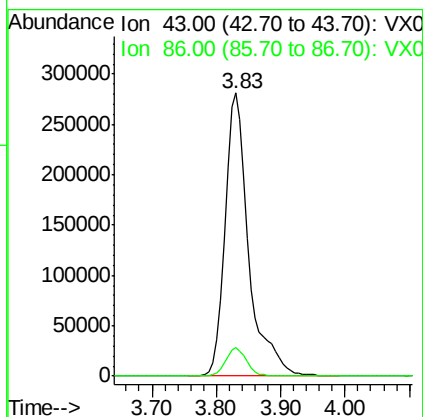
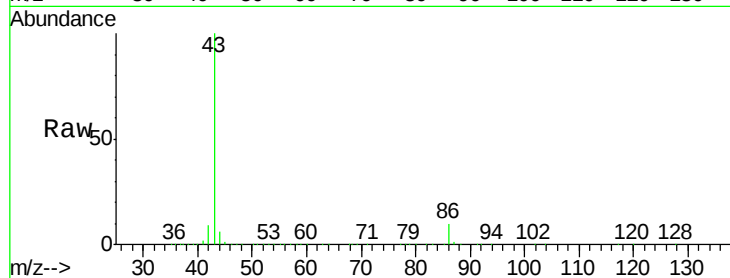




#23
 Vinyl Acetate
 Concen: 89.21 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

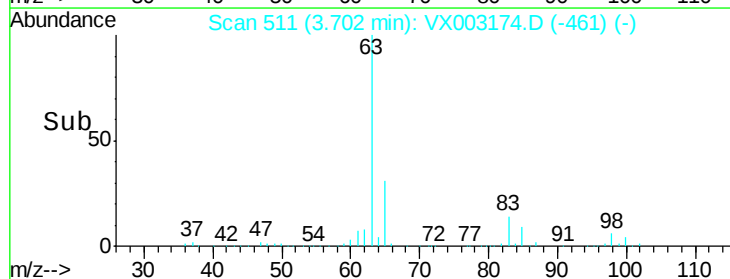
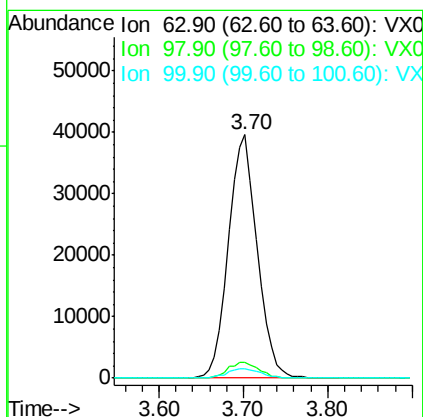
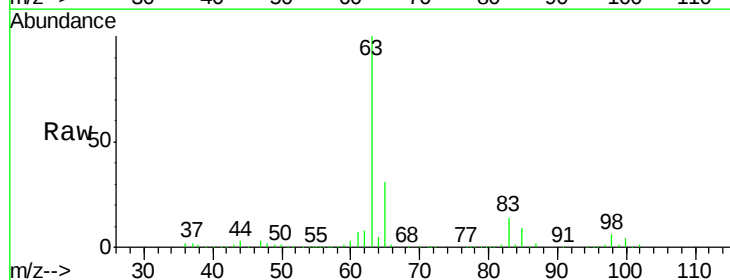
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

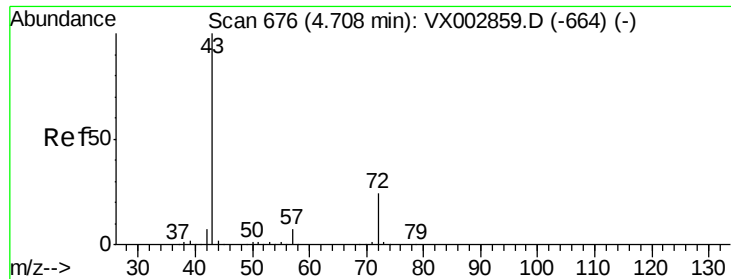
Tot Ion: 43 Resp: 725771
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 17.57 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion: 63 Resp: 91737
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.1 2.0 6.0

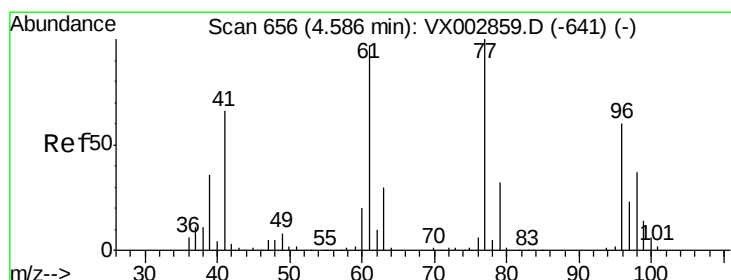
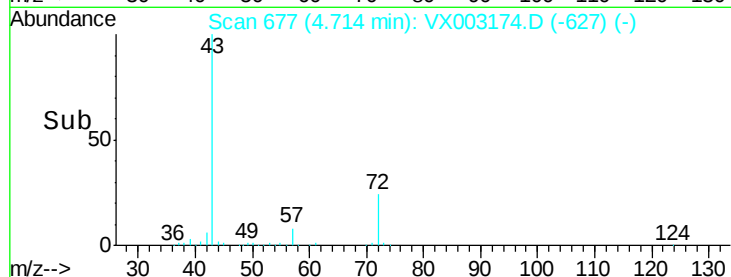
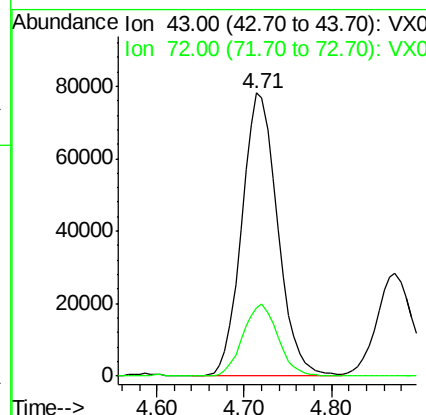
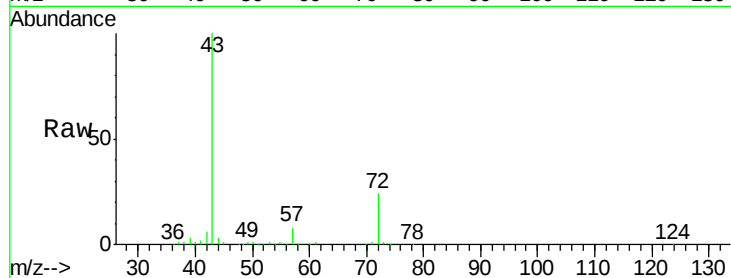




#25
 2-Butanone
 Concen: 100.93 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

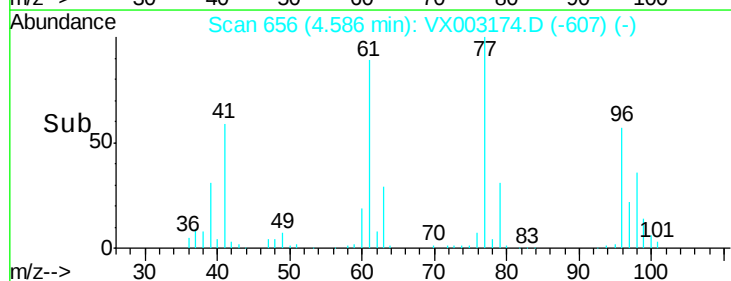
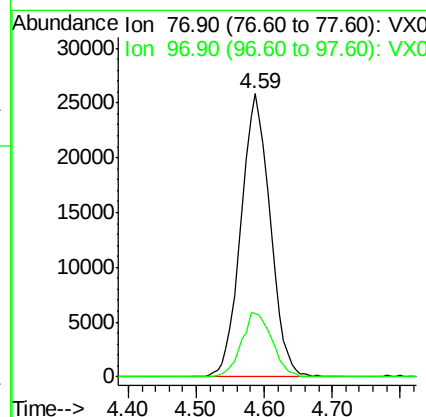
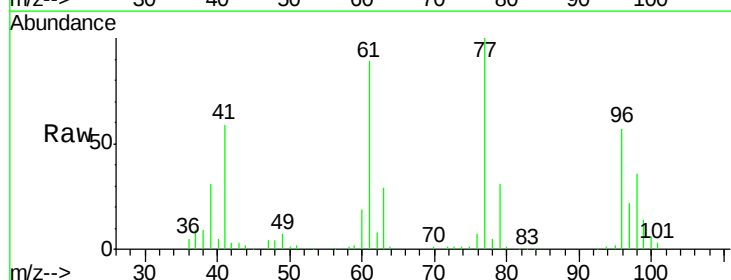
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

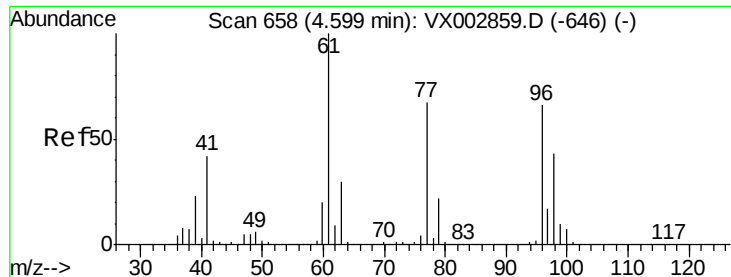
Tot Ion: 43 Resp: 221683
 Ion Ratio Lower Upper
 43 100
 72 24.1 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 18.20 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion: 77 Resp: 77281
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.54 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

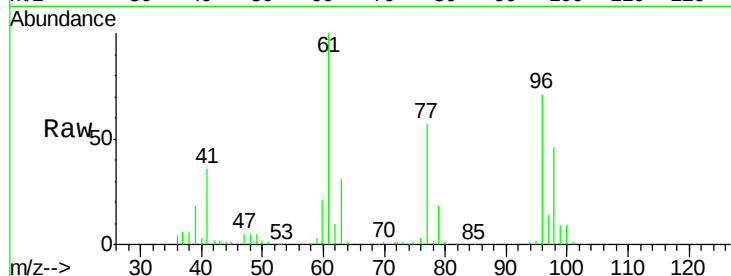
Tot Ion: 96 Resp: 57739

Ion Ratio Lower Upper

96 100

61 170.7 0.0 330.2

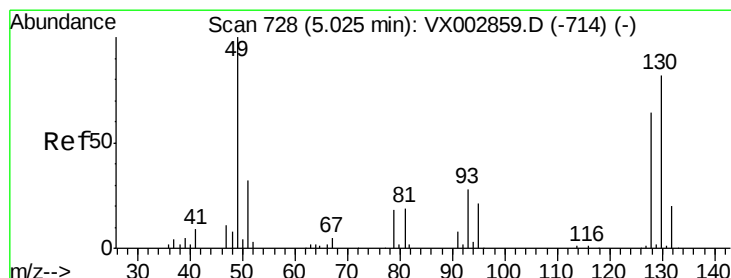
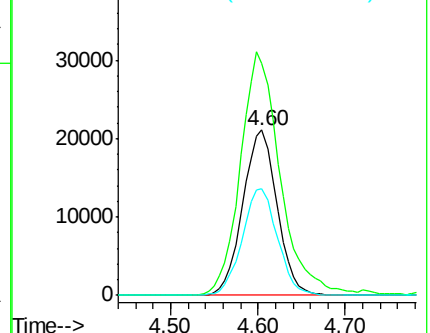
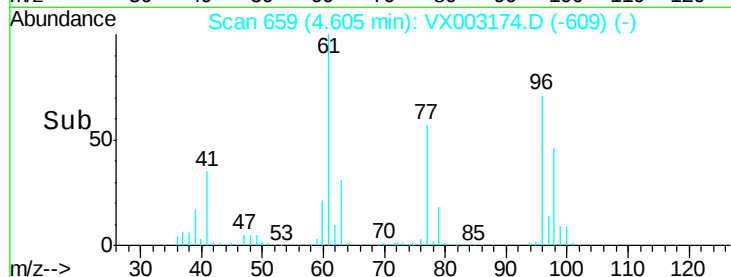
98 66.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.49 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

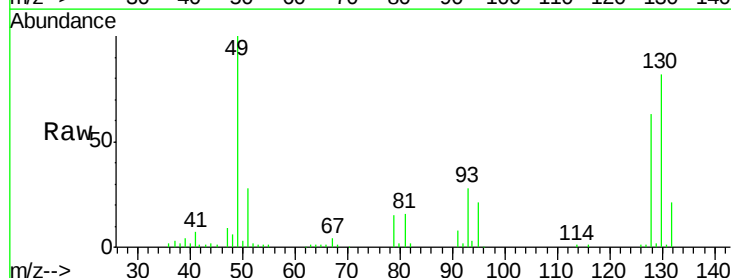
Tgt Ion: 49 Resp: 46204

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

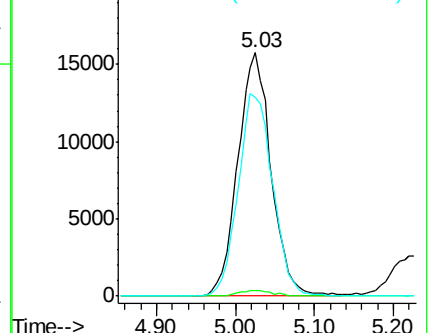
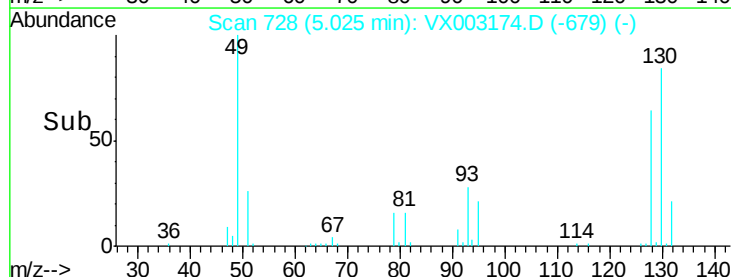
130 86.1 61.2 91.8

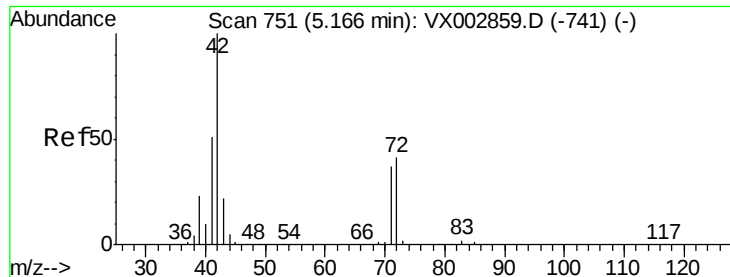


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

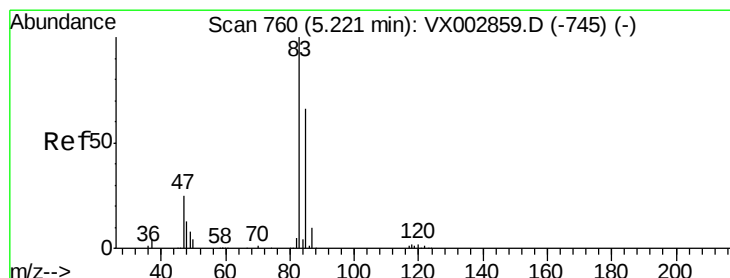
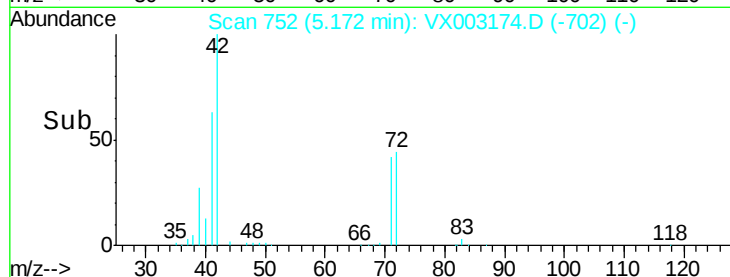
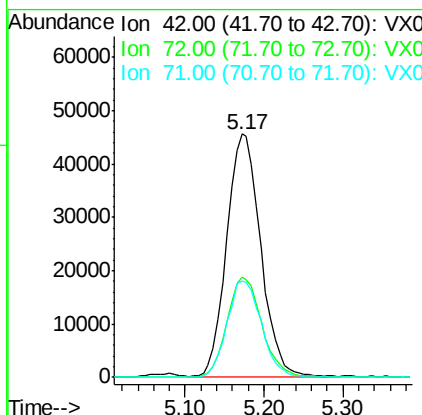
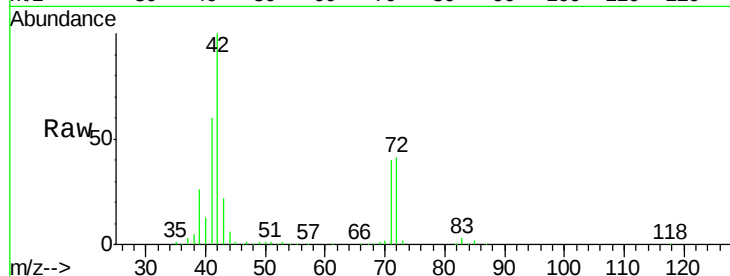




#29
Tetrahydrofuran
Concen: 96.46 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

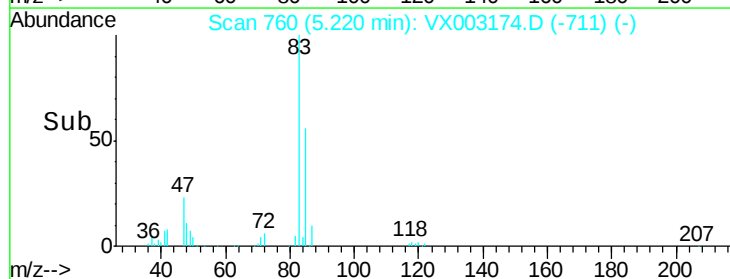
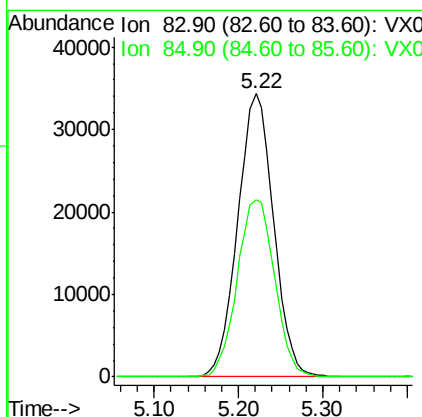
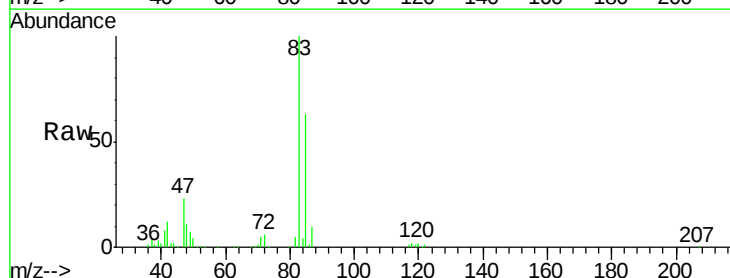
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

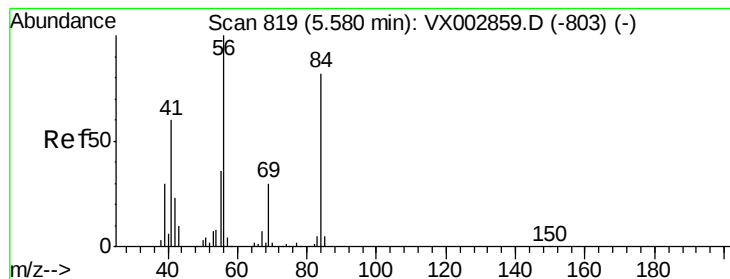
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.0	48.0
71	40.6	30.1	45.1



#30
Chloroform
Concen: 18.47 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.4	75.6





#31

Cyclohexane

Concen: 17.85 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

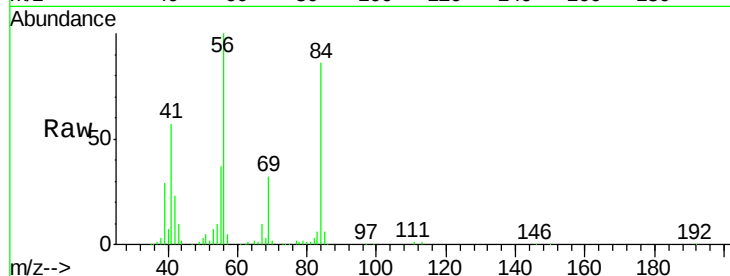
Tot Ion: 56 Resp: 79979

Ion Ratio Lower Upper

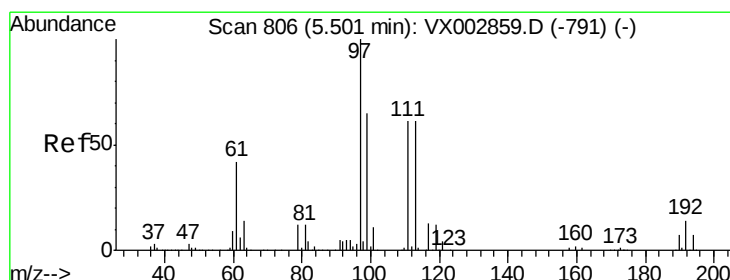
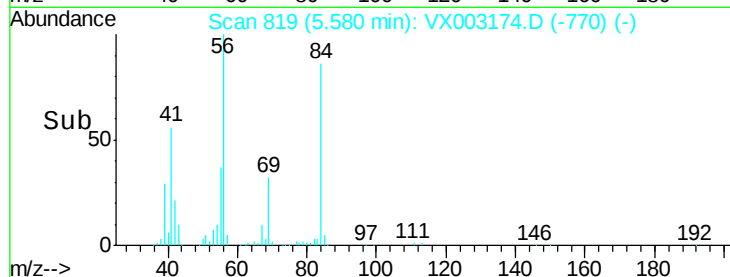
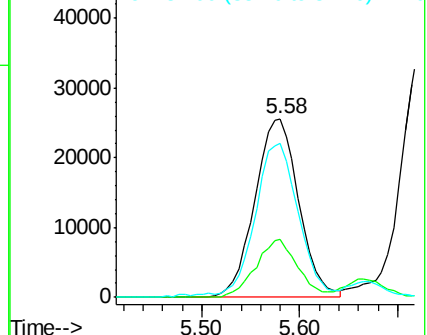
56 100

69 32.4 23.7 35.5

84 85.0 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 18.02 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

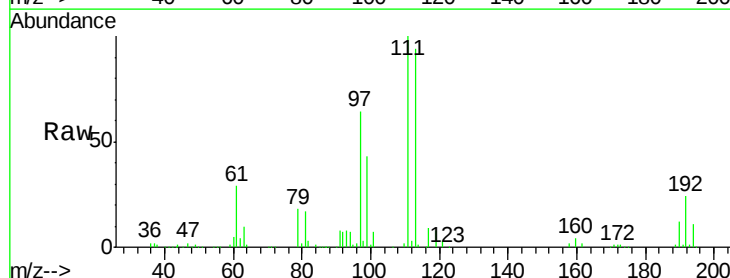
Tgt Ion: 97 Resp: 84960

Ion Ratio Lower Upper

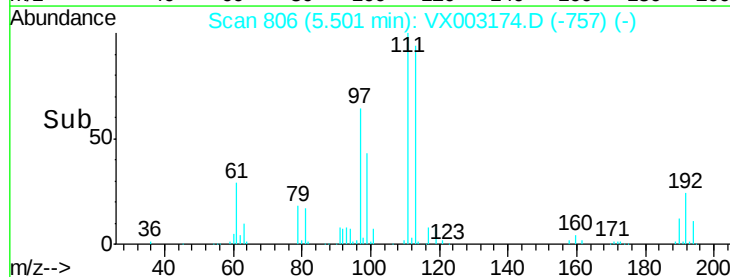
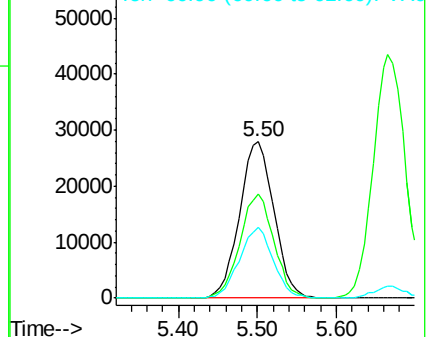
97 100

99 65.7 51.6 77.4

61 44.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

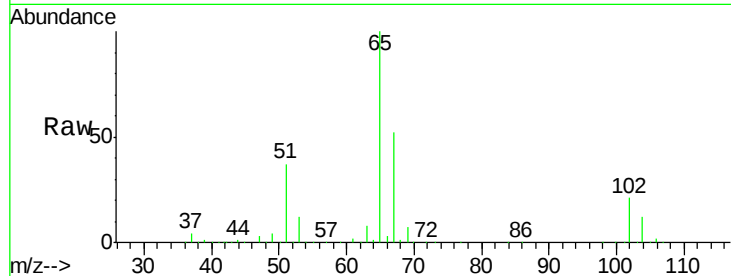
VX0705WBSD02

Tot Ion: 65 Resp: 150978

Ion Ratio Lower Upper

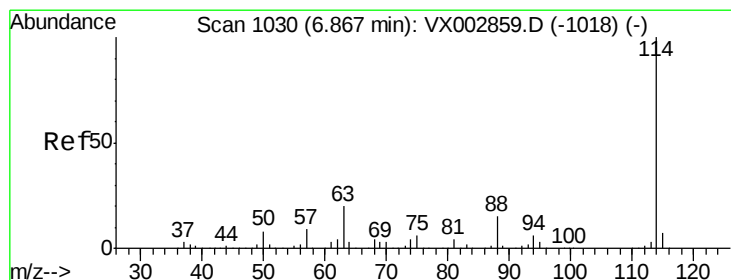
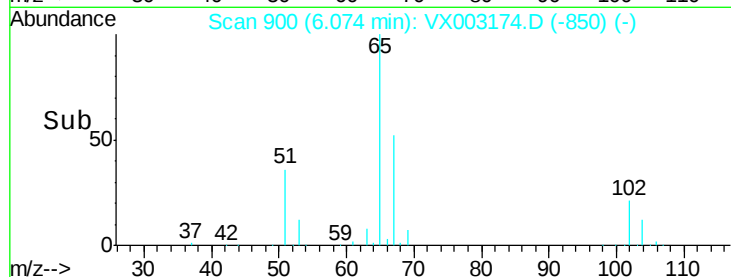
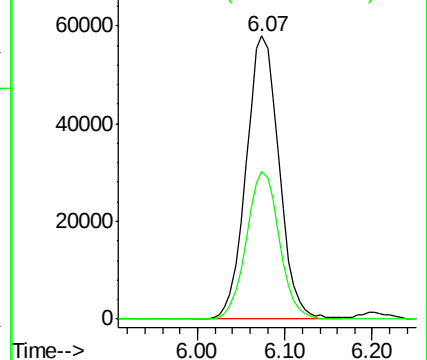
65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

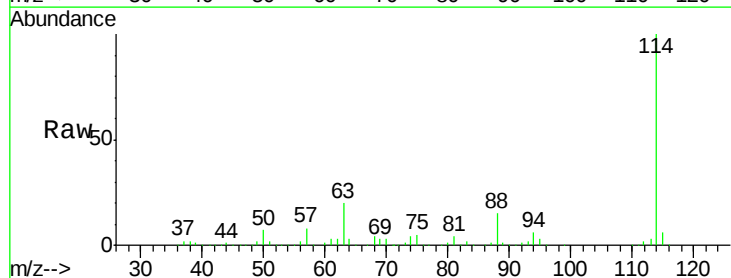
Tgt Ion: 114 Resp: 346686

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

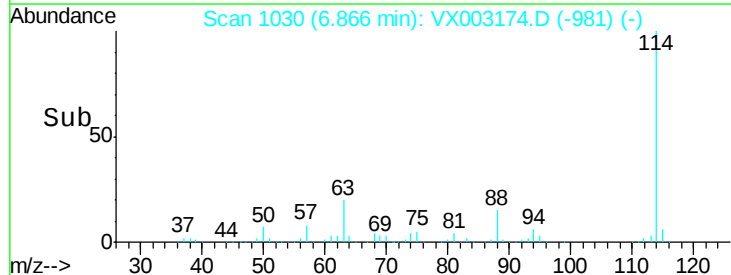
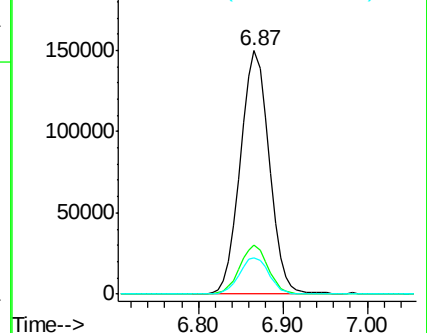
88 15.0 0.0 30.0

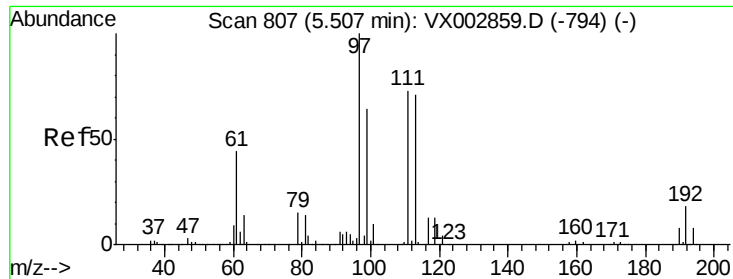


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

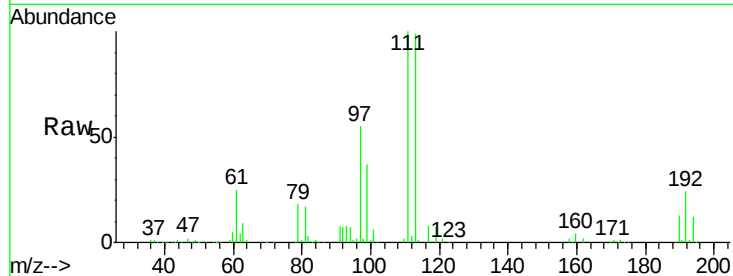
Tot Ion:113 Resp: 130040

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

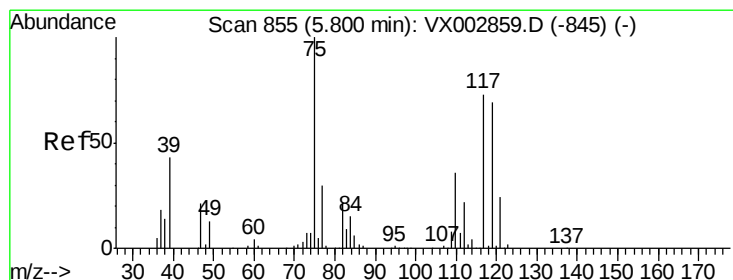
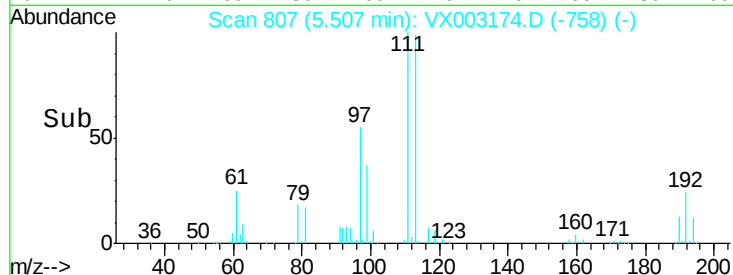
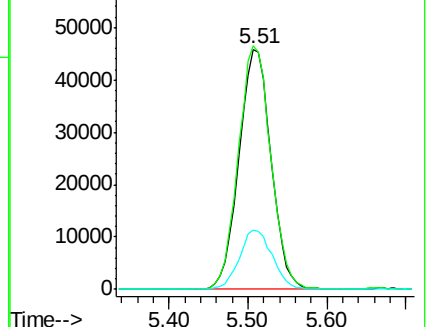
192 25.2 19.1 28.7



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: 17.85 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

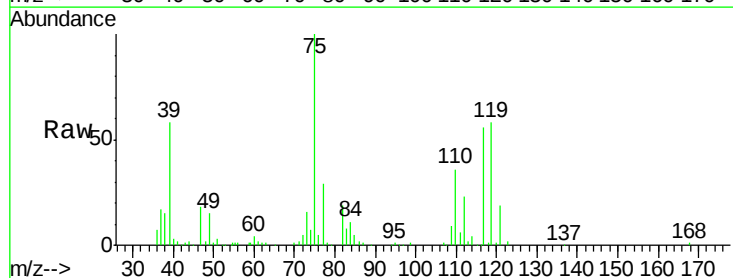
Tgt Ion: 75 Resp: 67856

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

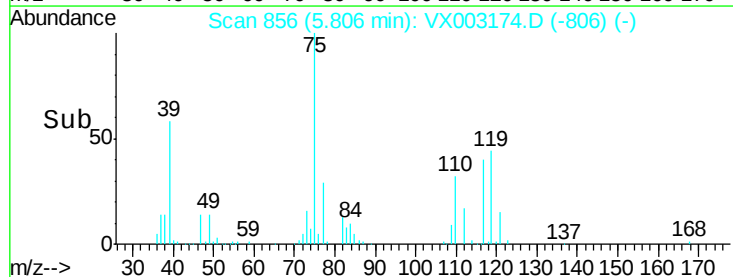
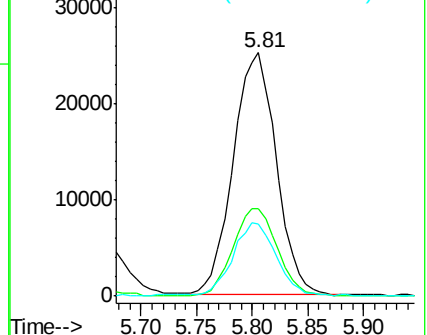
77 31.6 24.3 36.5

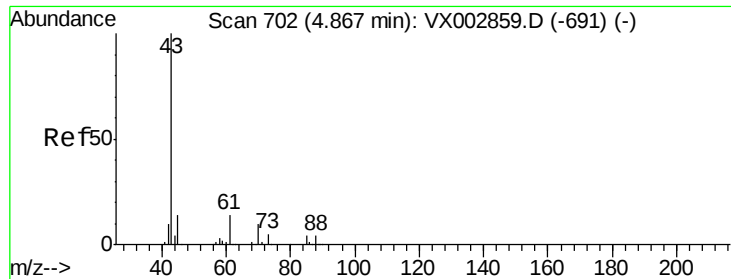


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

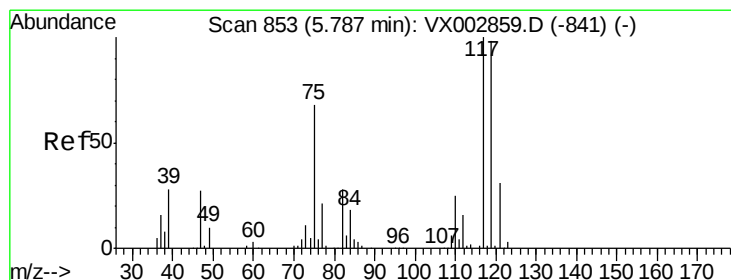
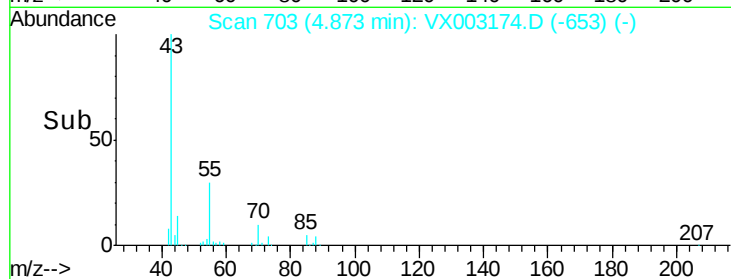
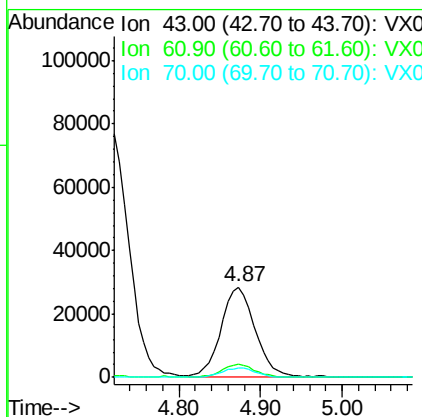
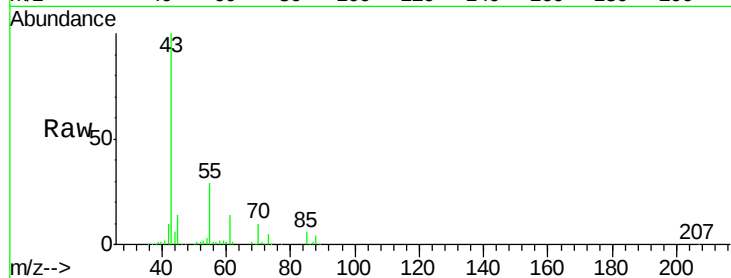




#37
Ethyl Acetate
Concen: 19.97 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

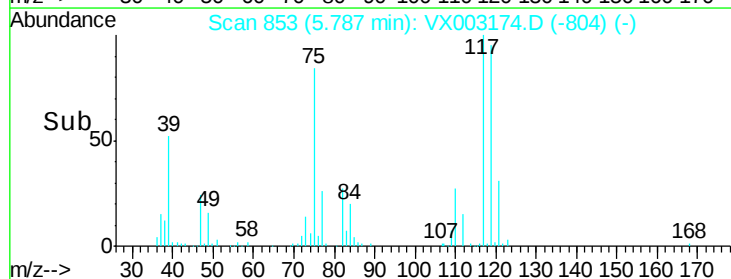
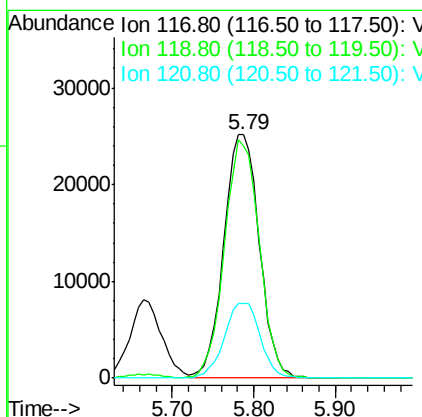
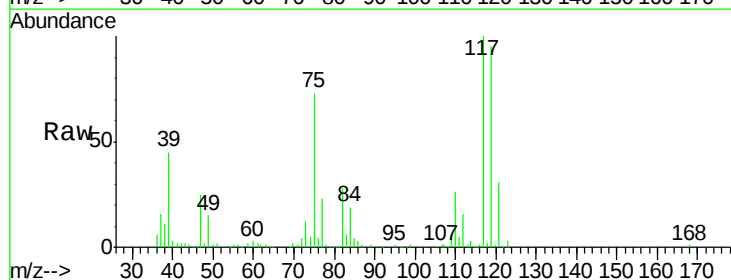
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

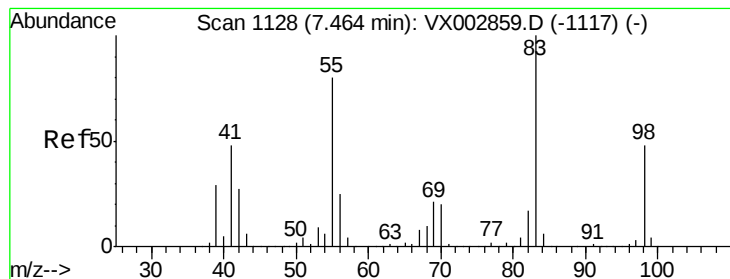
Tot Ion: 43 Resp: 81752
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.13 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion: 117 Resp: 75647
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
121 30.8 24.4 36.6





#39

Methvlcvclohexane

Concen: 17.43 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

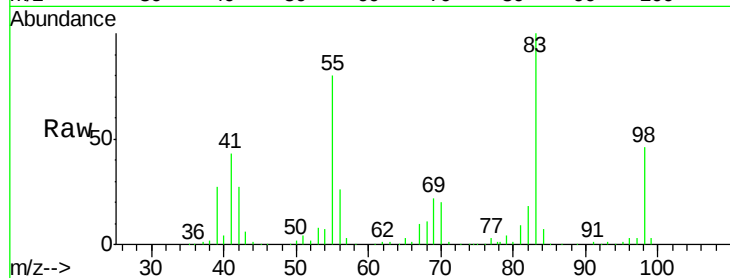
Tot Ion: 83 Resp: 77191

Ion Ratio Lower Upper

83 100

55 80.2 65.4 98.0

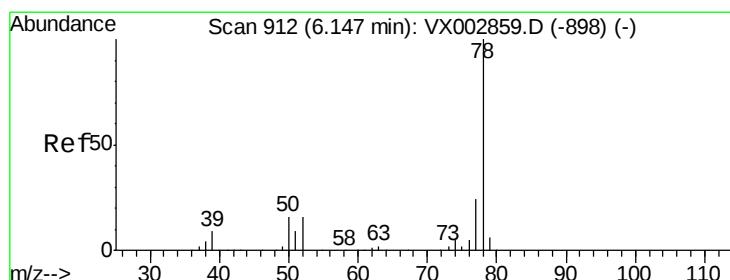
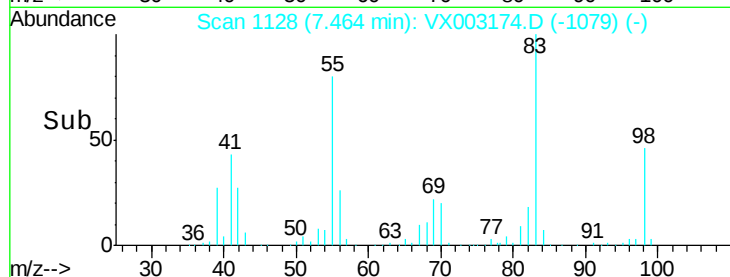
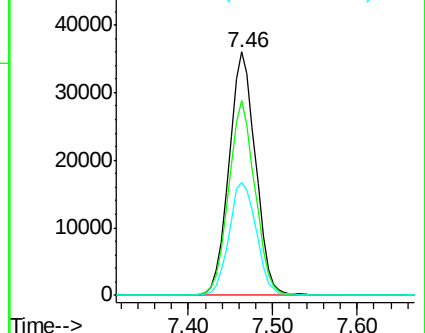
98 46.3 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.66 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003174.D

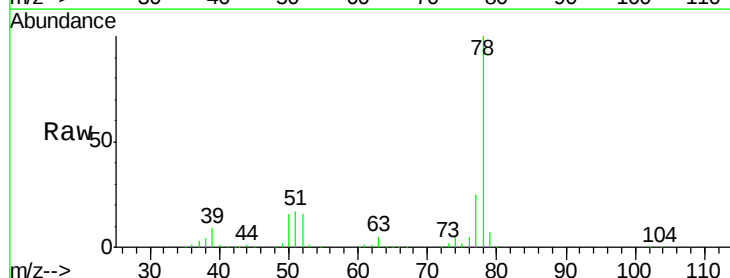
Acq: 05 Jul 2018 16:06

Tgt Ion: 78 Resp: 206166

Ion Ratio Lower Upper

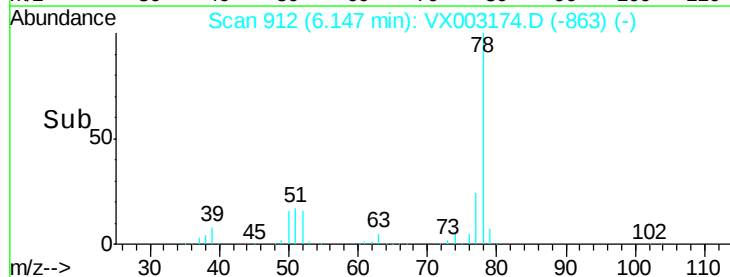
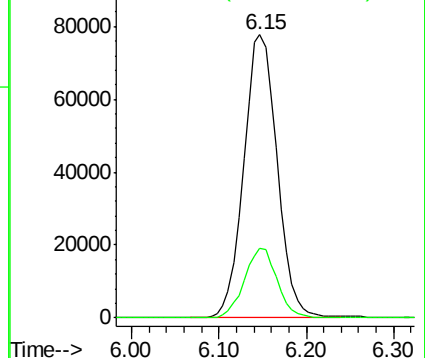
78 100

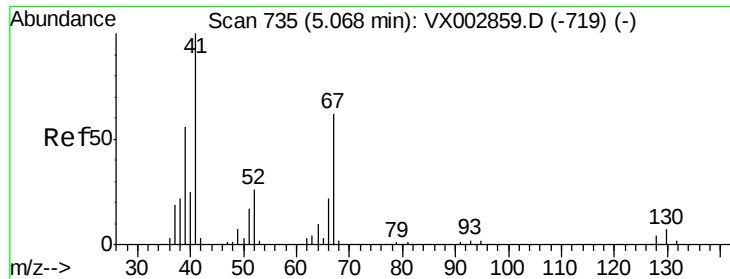
77 24.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

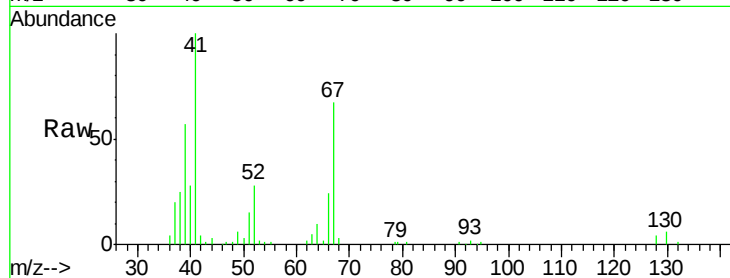




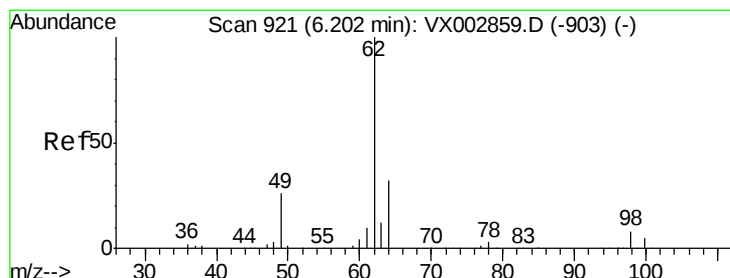
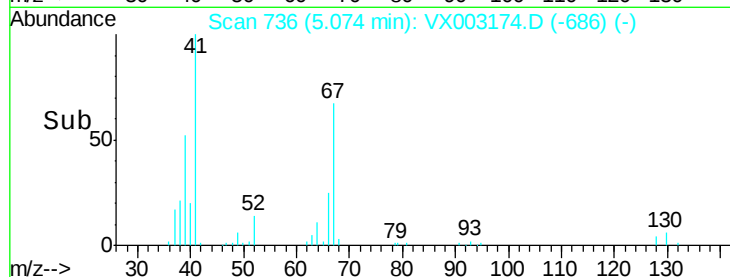
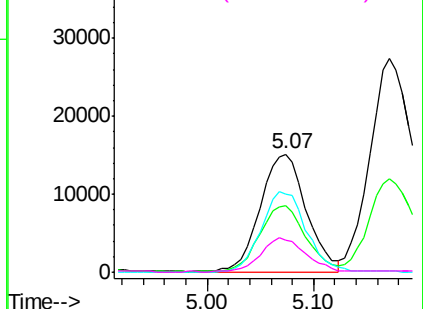
#41
Methacrylonitrile
Concen: 19.20 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion:	41	Resp:	45248
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	67.7	51.3	76.9
52	28.4	23.0	34.6

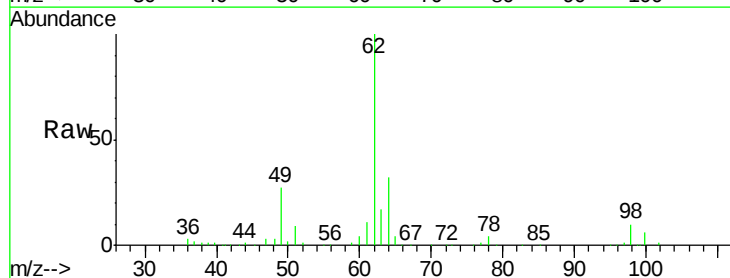


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

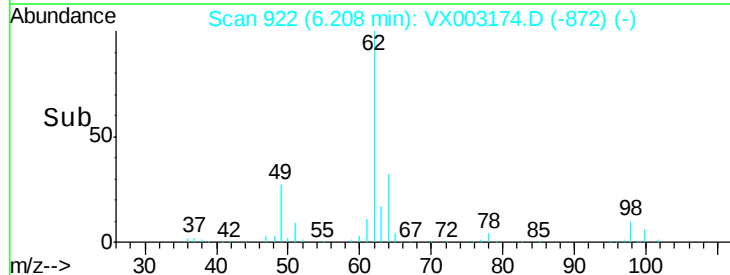
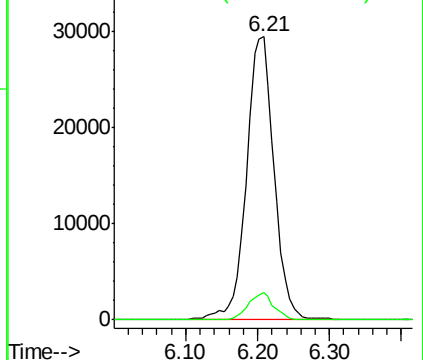


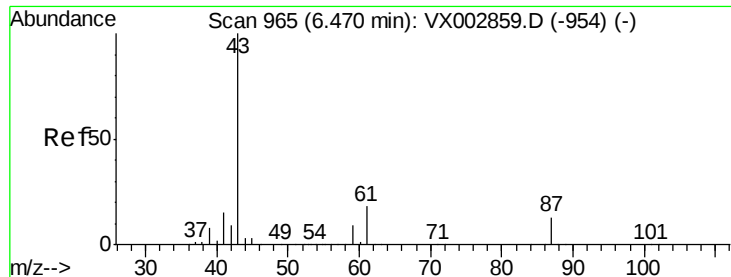
#42
1,2-Dichloroethane
Concen: 17.59 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion:	62	Resp:	78508
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.95 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

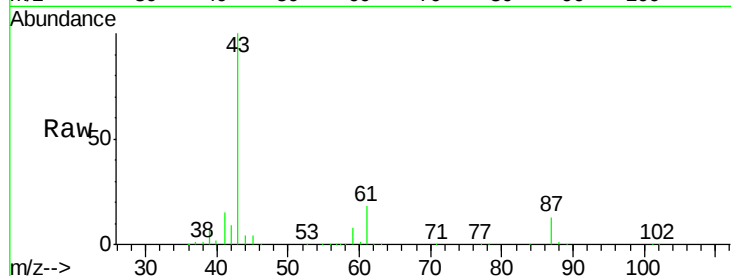
Tot Ion: 43 Resp: 123252

Ion Ratio Lower Upper

43 100

61 18.8 14.4 21.6

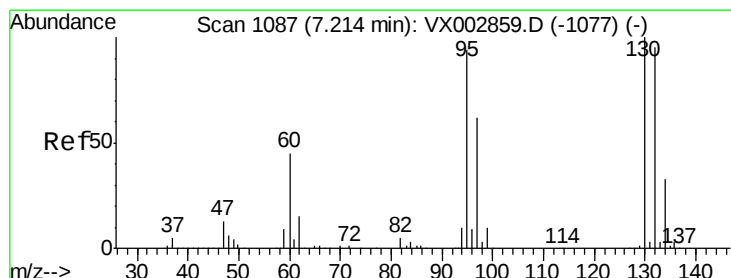
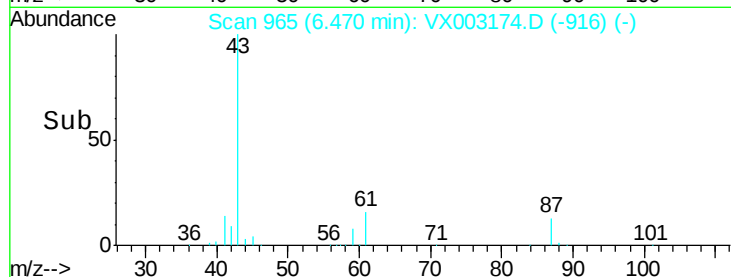
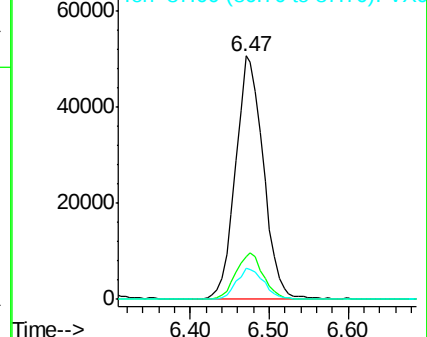
87 12.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003174.D

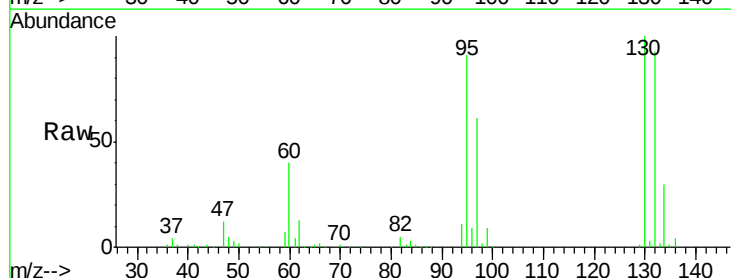
Acq: 05 Jul 2018 16:06

Tgt Ion:130 Resp: 60114

Ion Ratio Lower Upper

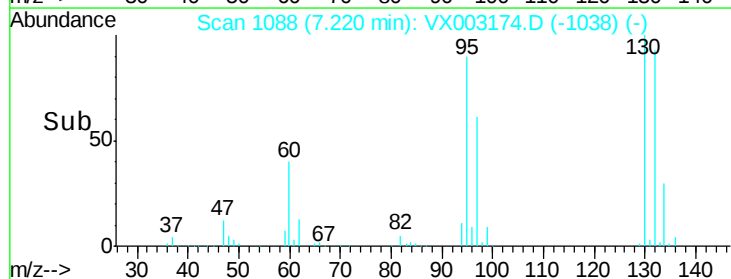
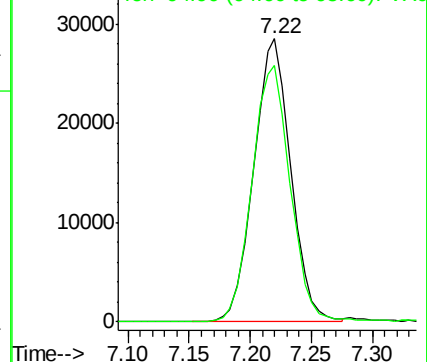
130 100

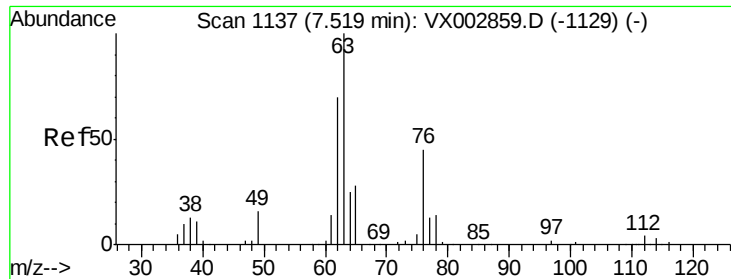
95 90.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.74 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

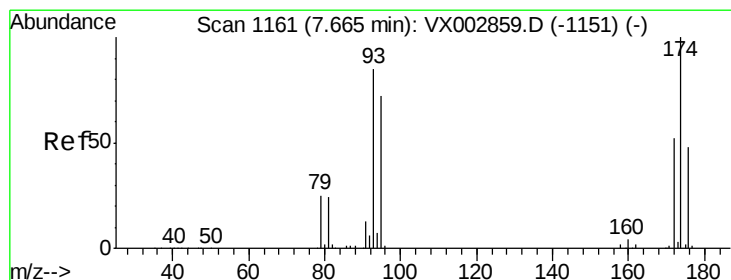
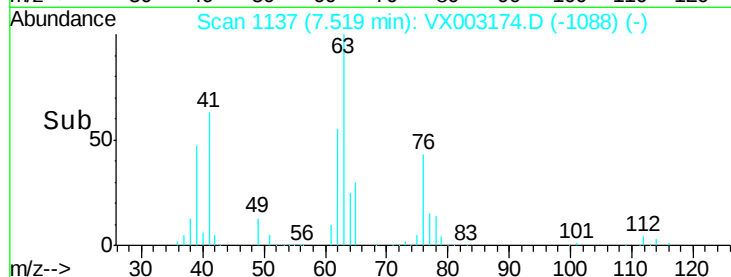
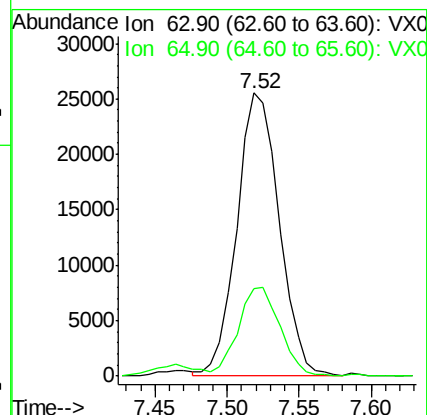
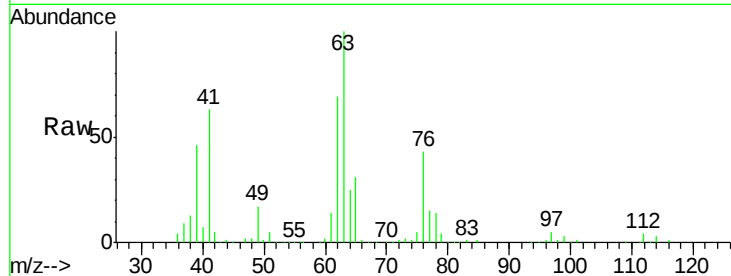
VX0705WBSD02

Tot Ion: 63 Resp: 51970

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 18.47 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

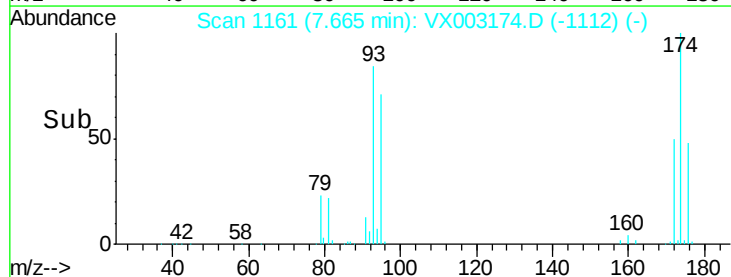
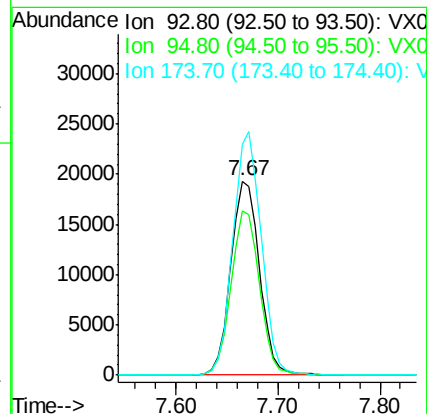
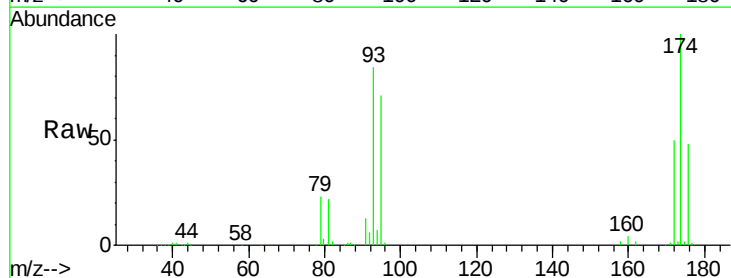
Tgt Ion: 93 Resp: 37562

Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 18.12 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

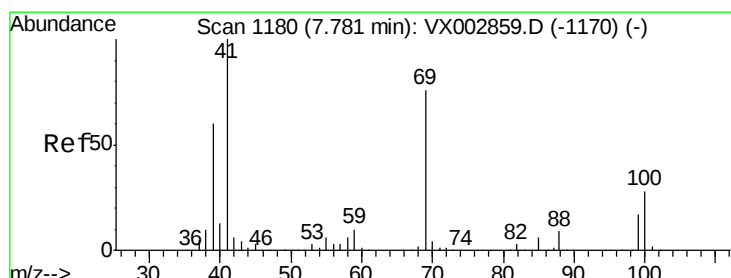
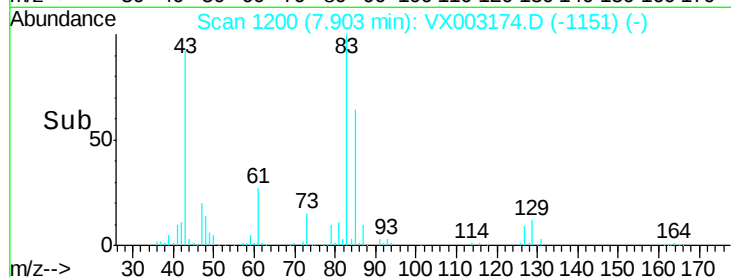
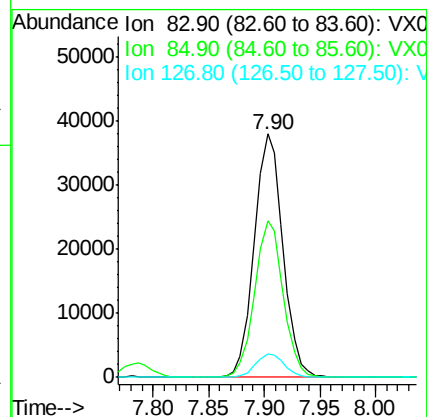
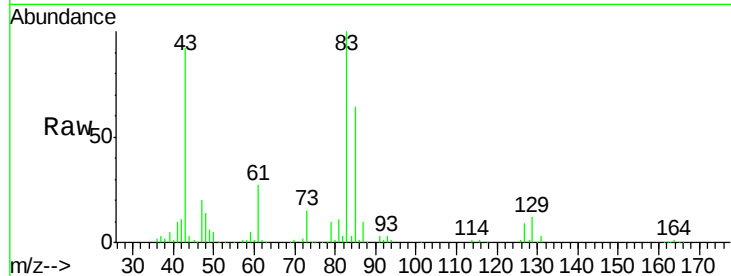
Tot Ion: 83 Resp: 68111

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 17.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

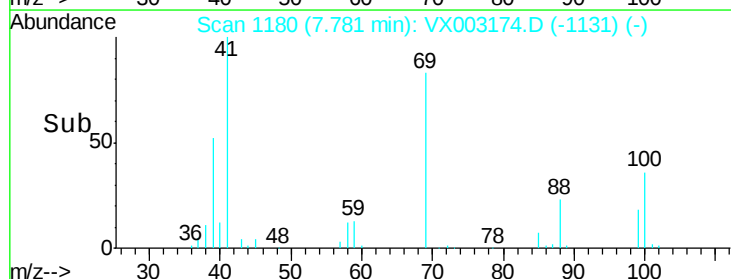
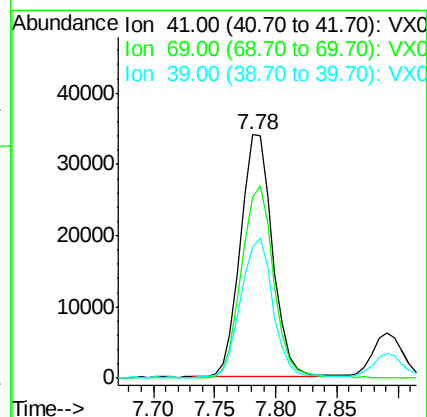
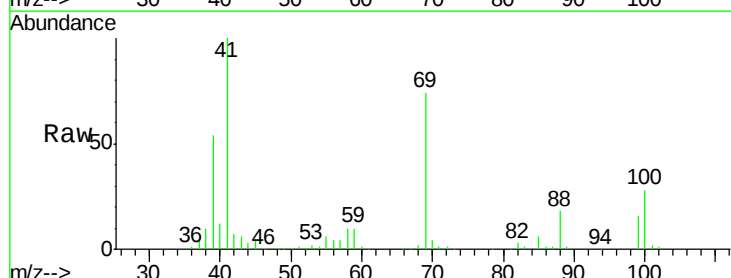
Tgt Ion: 41 Resp: 62190

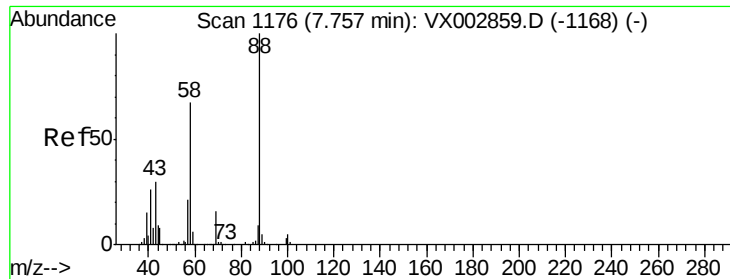
Ion Ratio Lower Upper

41 100

69 80.5 59.1 88.7

39 57.2 48.9 73.3





#49

1,4-Dioxane

Concen: 399.29 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

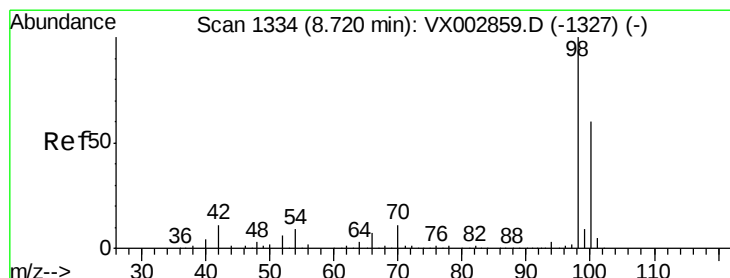
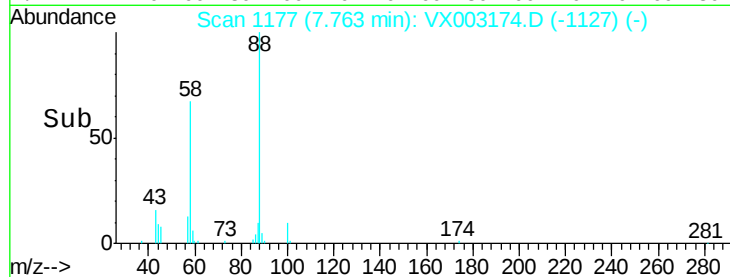
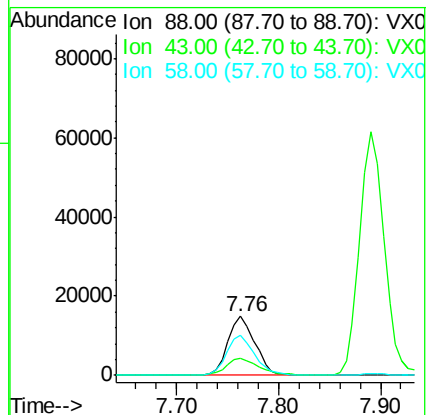
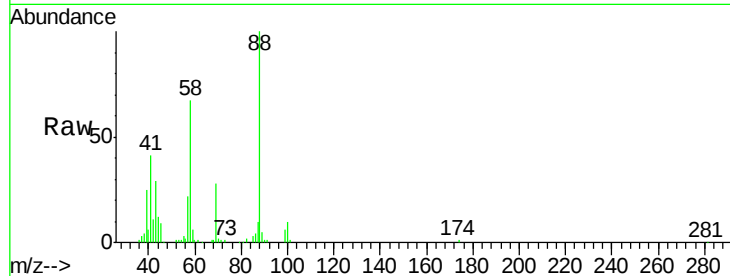
Tot Ion: 88 Resp: 27480

Ion Ratio Lower Upper

88 100

43 32.4 29.8 44.6

58 70.3 57.1 85.7



#50

Toluene-d8

Concen: 43.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003174.D

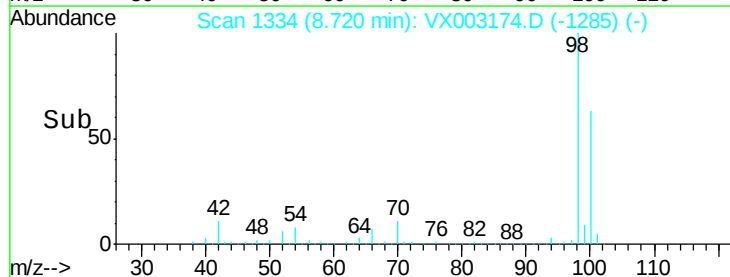
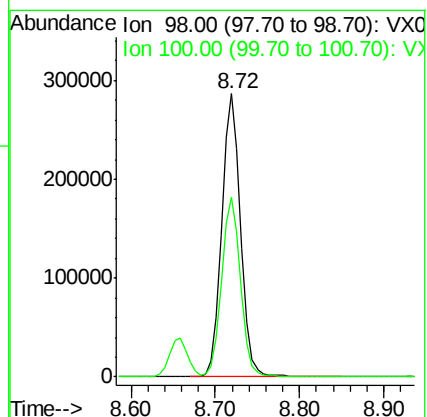
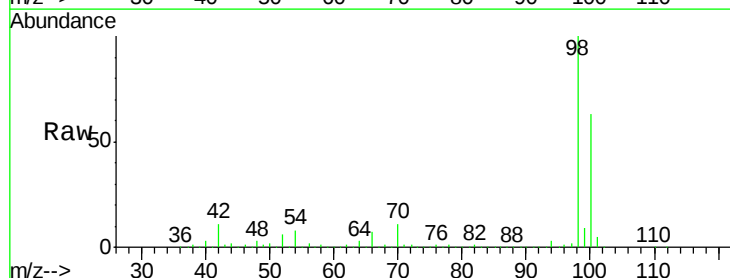
Acq: 05 Jul 2018 16:06

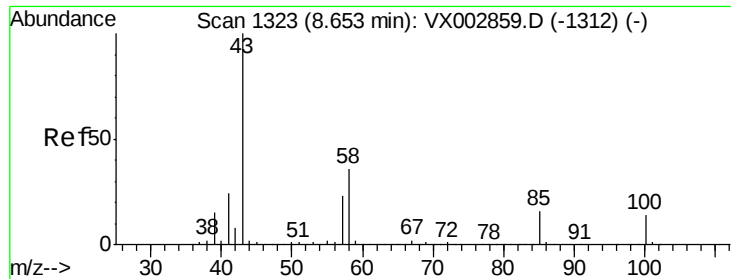
Tgt Ion: 98 Resp: 440677

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 95.20 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

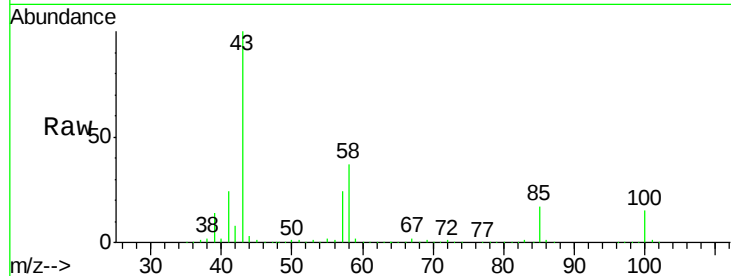
VX0705WBSD02

Tot Ion: 43 Resp: 408930

Ion Ratio Lower Upper

43 100

58 36.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

150000

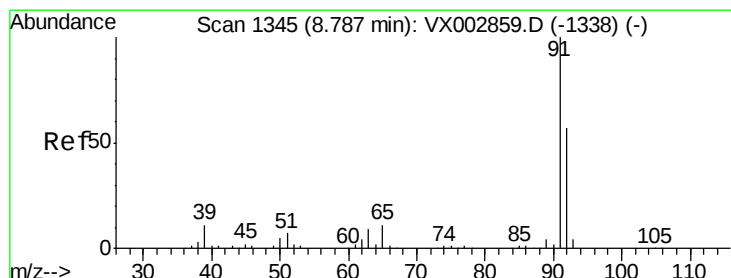
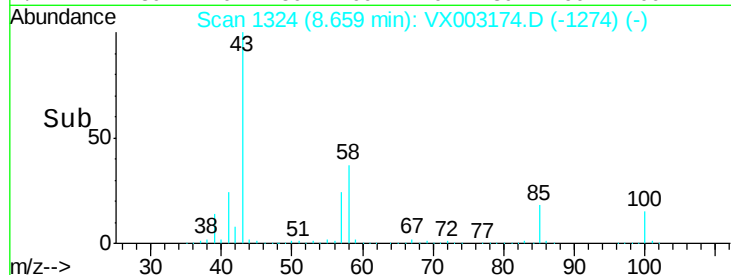
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 18.83 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003174.D

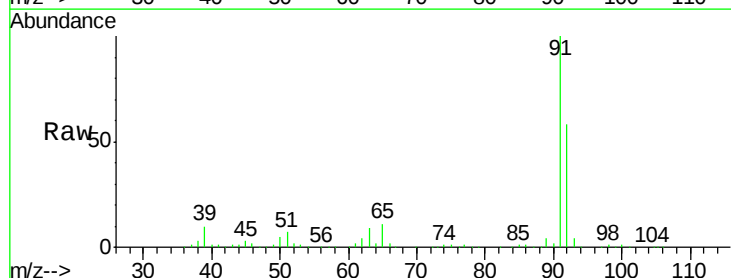
Acq: 05 Jul 2018 16:06

Tgt Ion: 92 Resp: 133233

Ion Ratio Lower Upper

92 100

91 173.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

150000

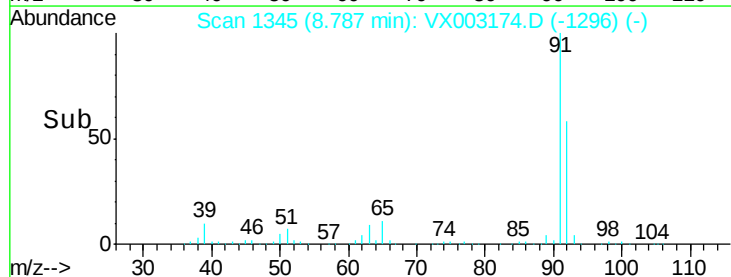
100000

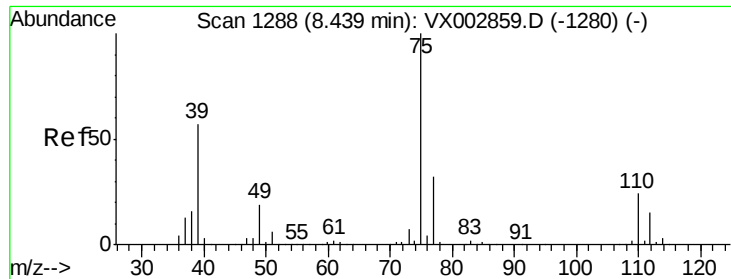
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->

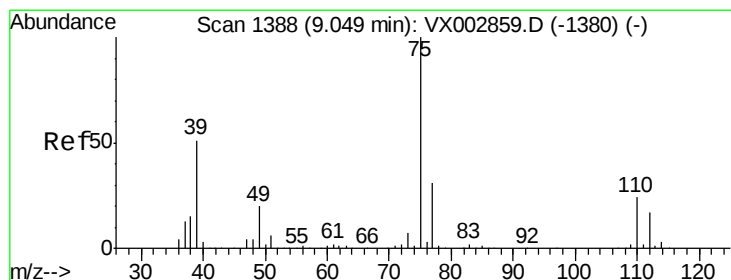
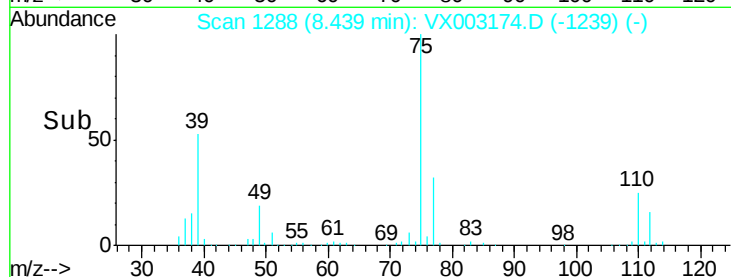
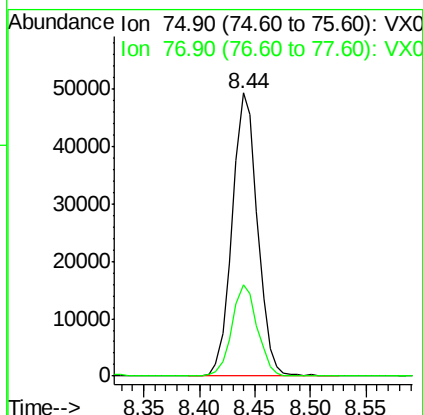
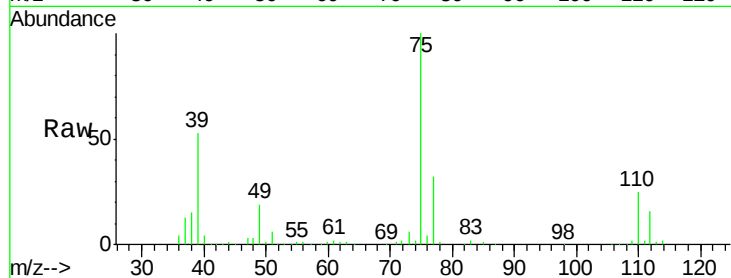




#53
t-1,3-Dichloropropene
Concen: 18.25 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

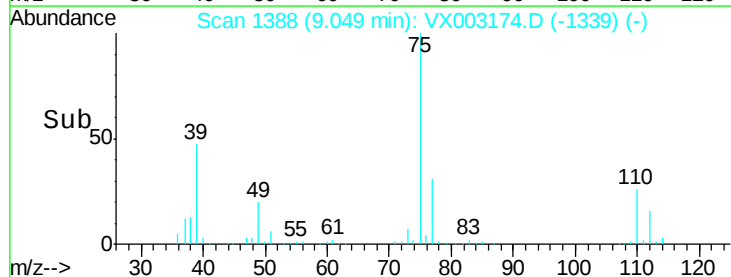
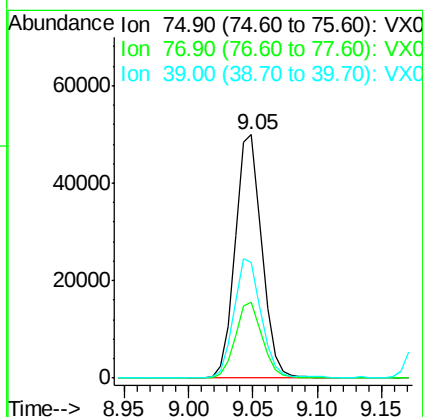
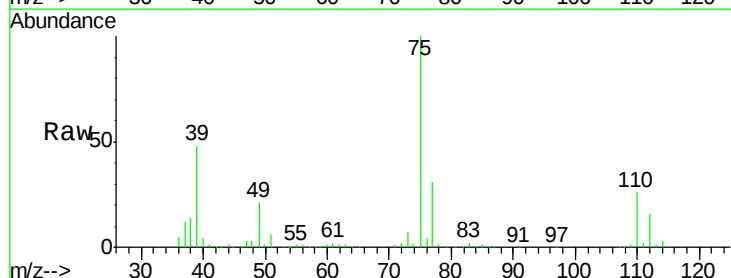
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion: 75 Resp: 77688
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.55 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion: 75 Resp: 71915
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 47.4 42.4 63.6

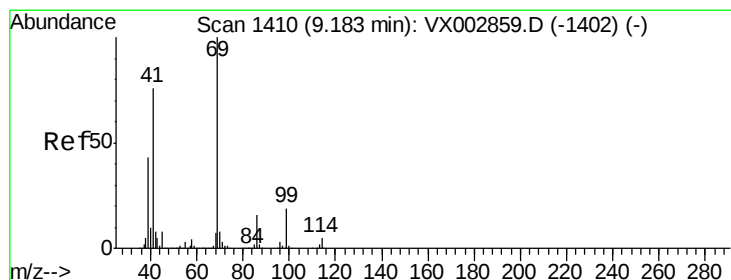
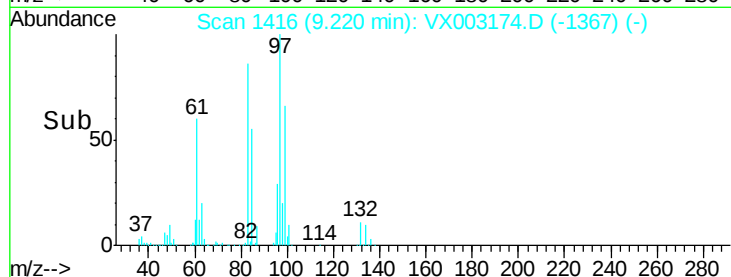
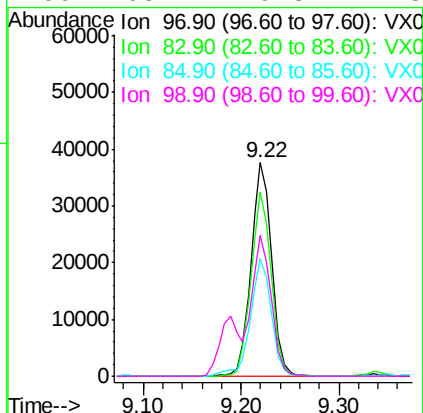
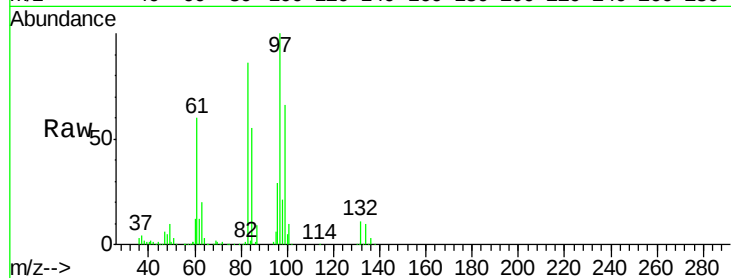




#55
 1,1,2-Trichloroethane
 Concen: 18.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

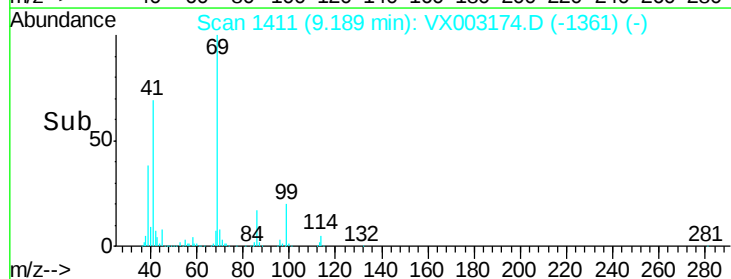
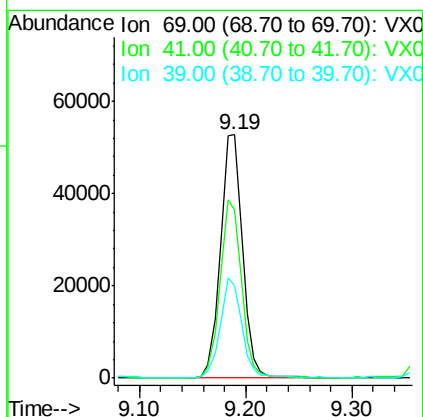
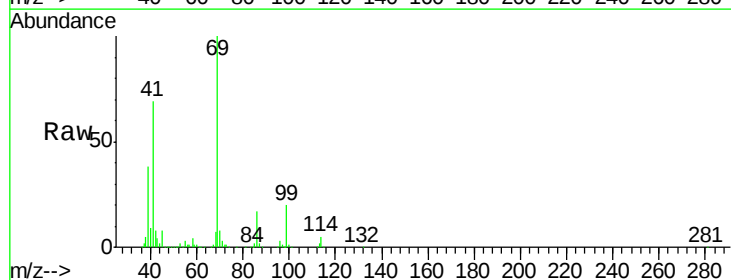
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

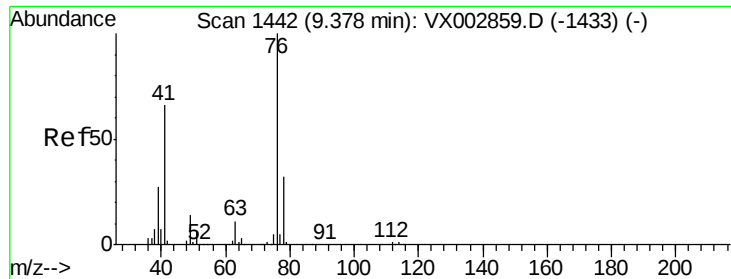
Tot Ion:	97	Resp:	54662
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	55.0	44.9	67.3
99	65.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.08 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion:	69	Resp:	76821
Ion	Ratio	Lower	Upper
69	100		
41	71.1	60.3	90.5
39	38.8	35.8	53.8

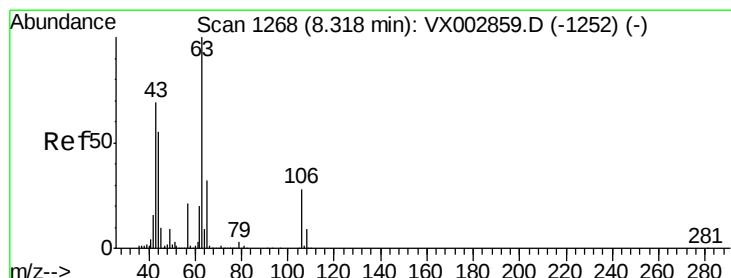
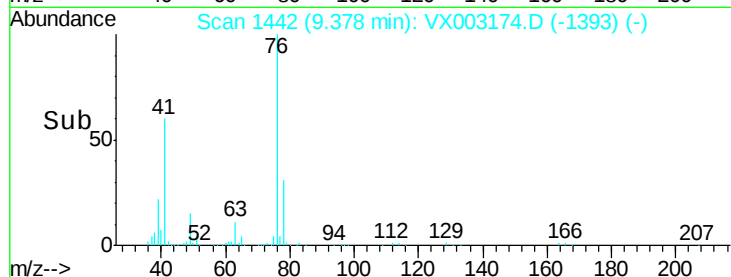
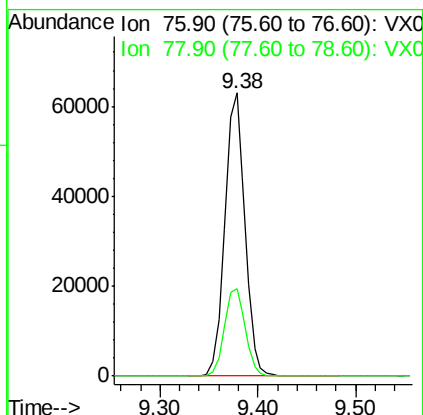
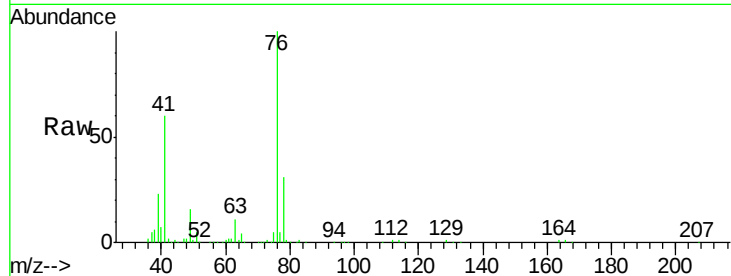




#57
 1,3-Dichloropropane
 Concen: 18.73 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

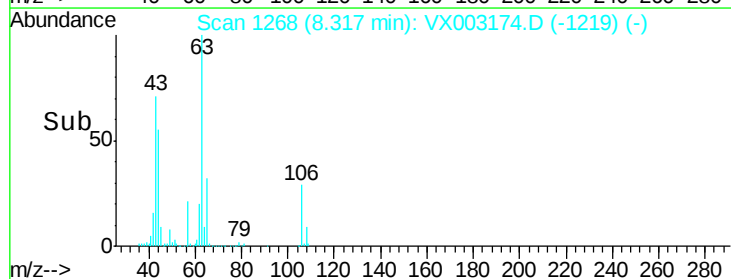
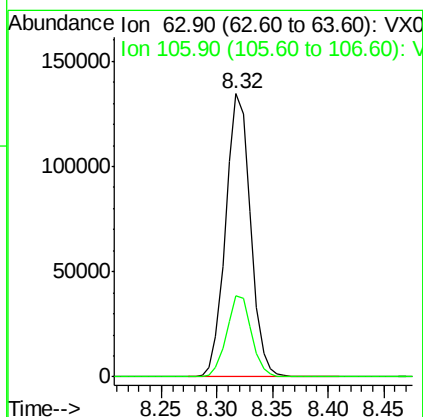
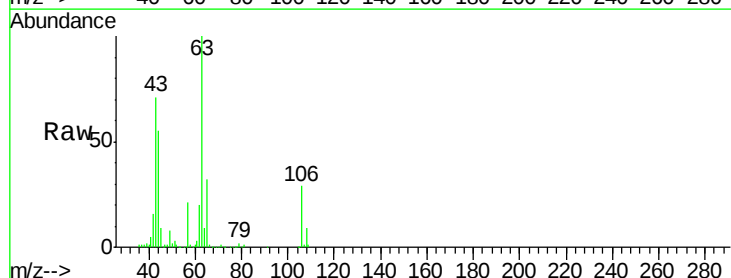
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

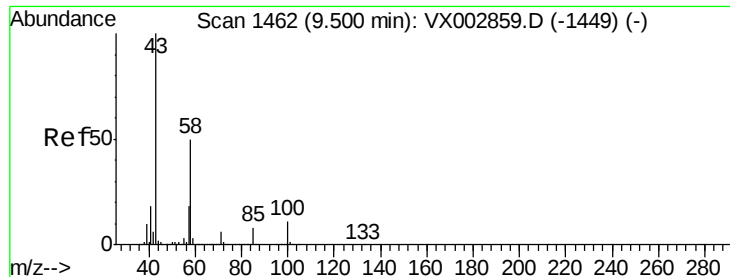
Tot Ion: 76 Resp: 89439
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion: 63 Resp: 208711
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.8 32.8

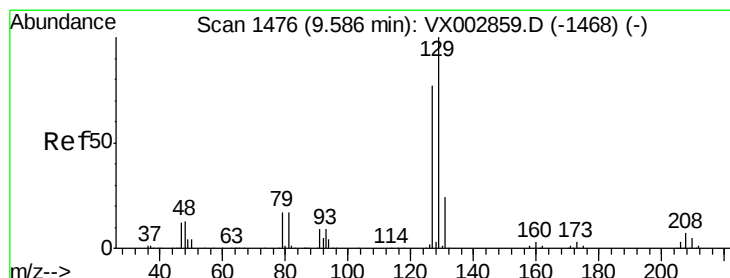
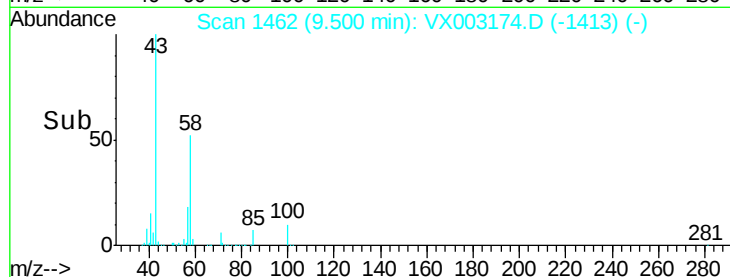
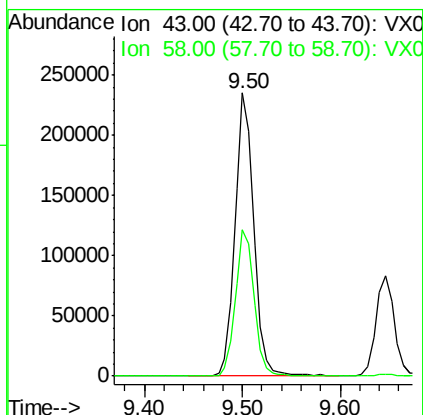
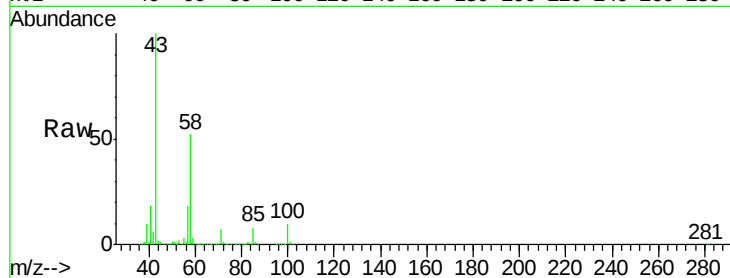




#59
2-Hexanone
Concen: 95.58 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

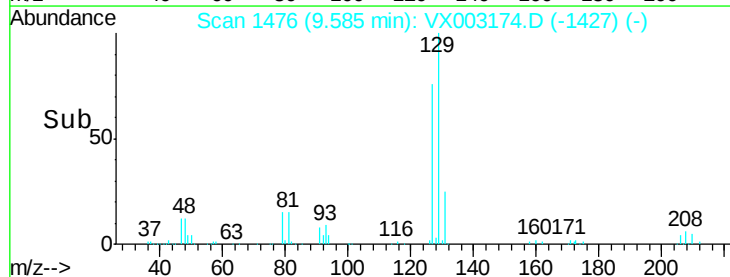
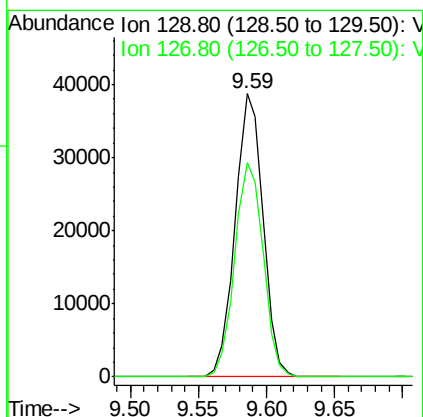
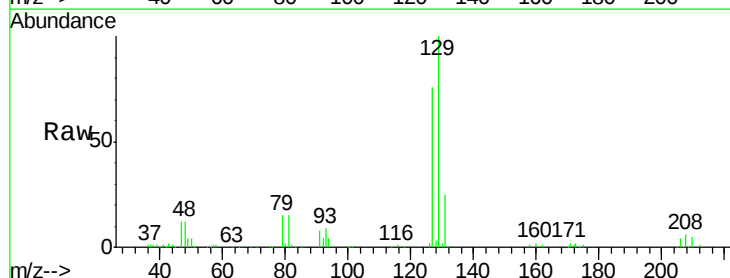
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

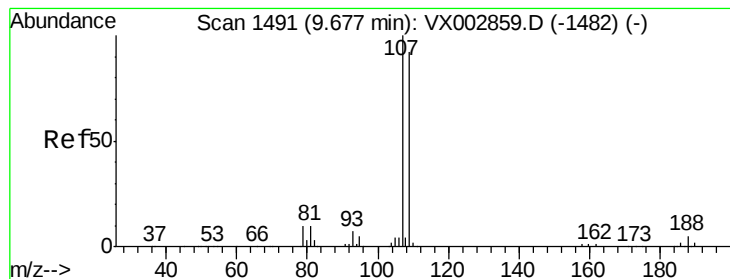
Tot Ion: 43 Resp: 312009
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6



#60
Dibromochloromethane
Concen: 18.09 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion: 129 Resp: 55370
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

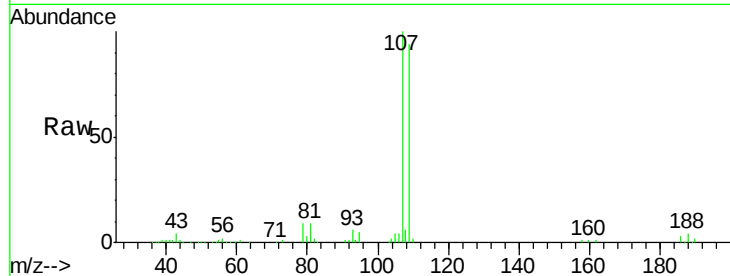
VX0705WBSD02

Tot Ion:107 Resp: 57618

Ion Ratio Lower Upper

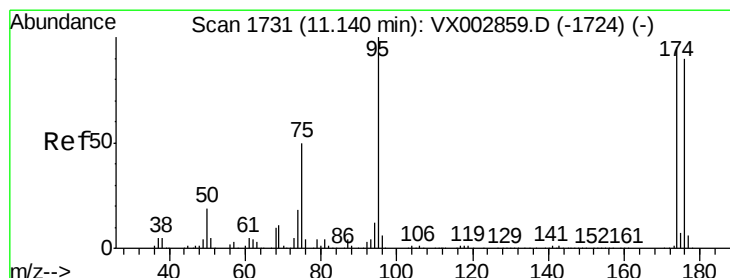
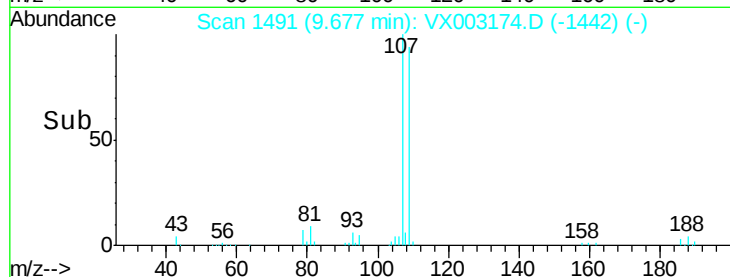
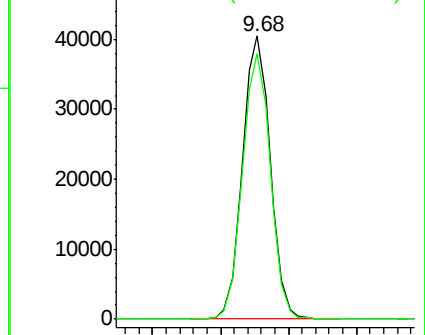
107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

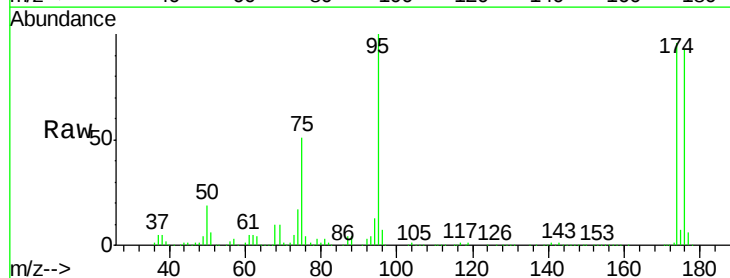
Tgt Ion: 95 Resp: 167726

Ion Ratio Lower Upper

95 100

174 99.1 0.0 187.4

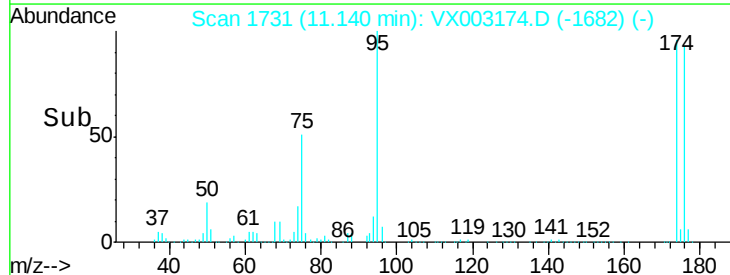
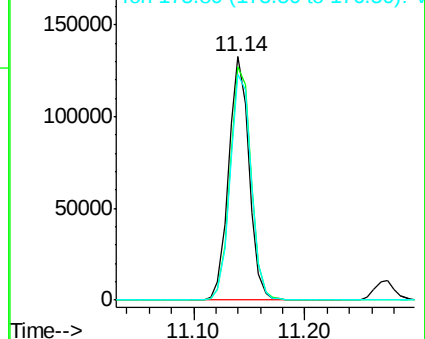
176 96.2 0.0 181.0

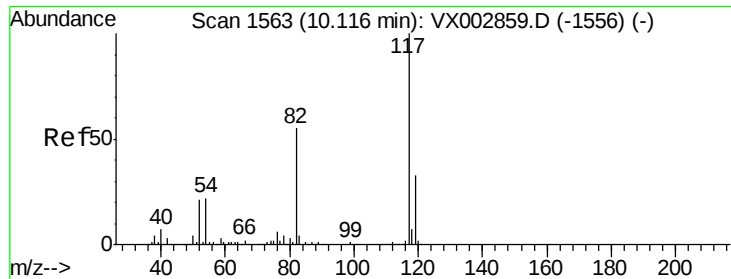


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

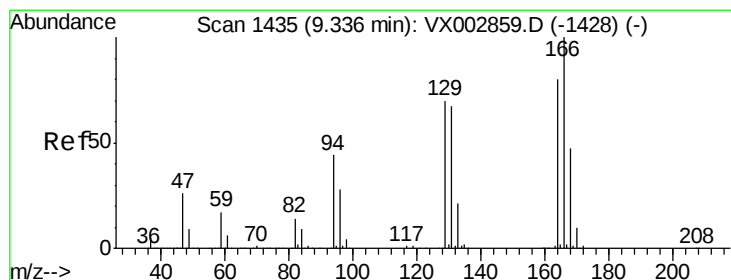
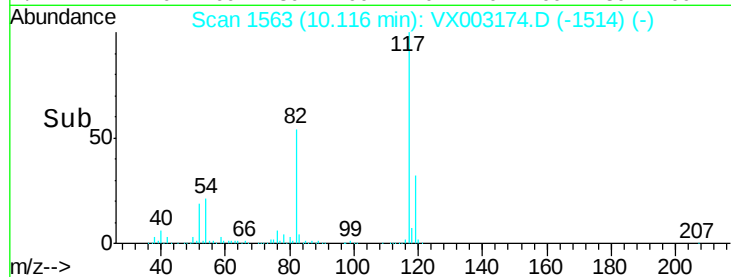
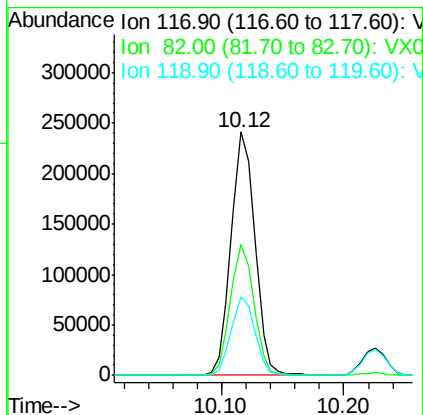
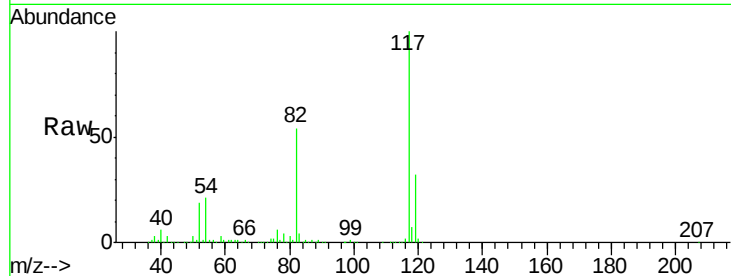




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

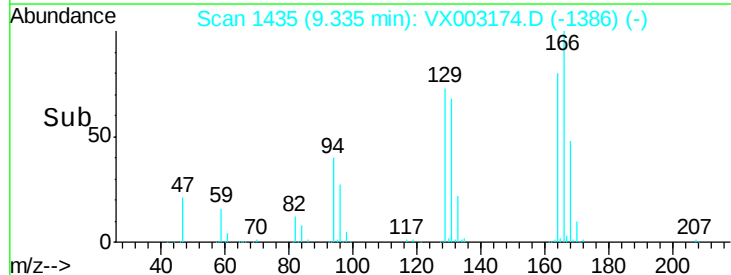
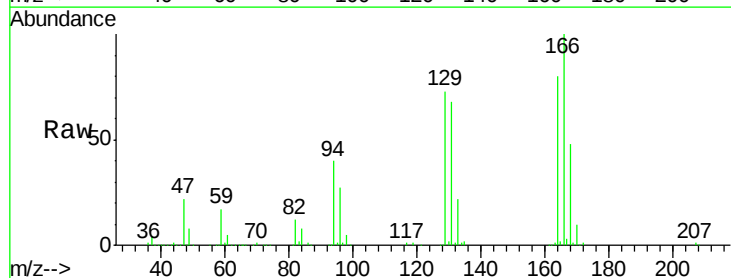
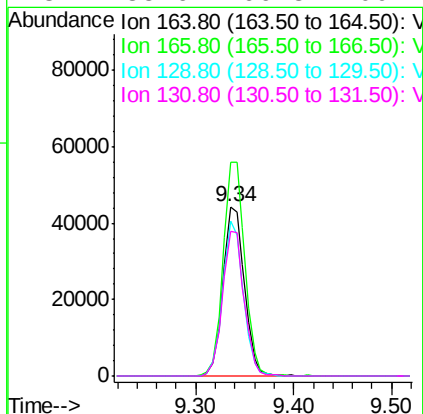
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion:117 Resp: 325671
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 18.55 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion:164 Resp: 67169
Ion Ratio Lower Upper
164 100
166 125.7 102.9 154.3
129 91.3 68.6 102.8
131 85.6 66.8 100.2

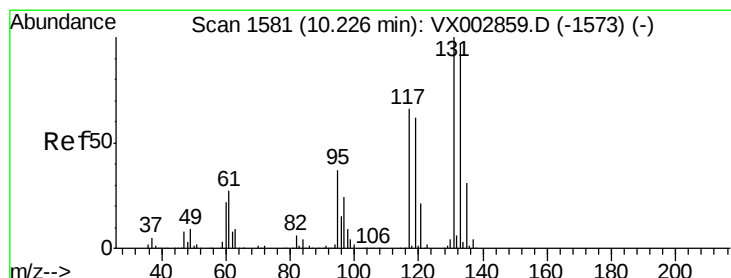
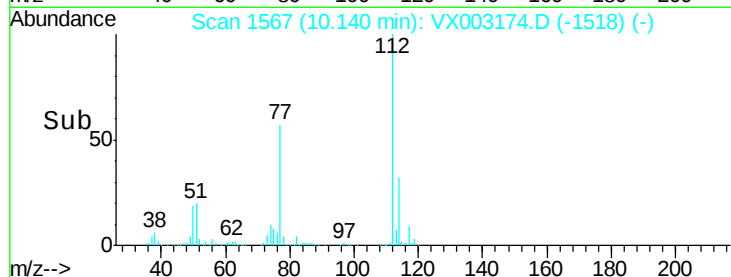
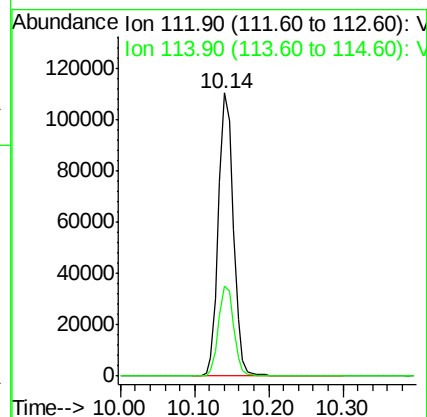
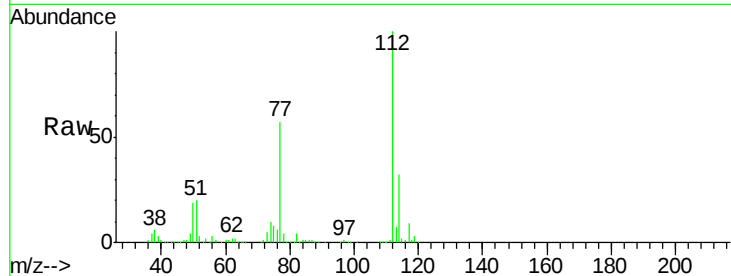




#65
Chlorobenzene
Concen: 18.44 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

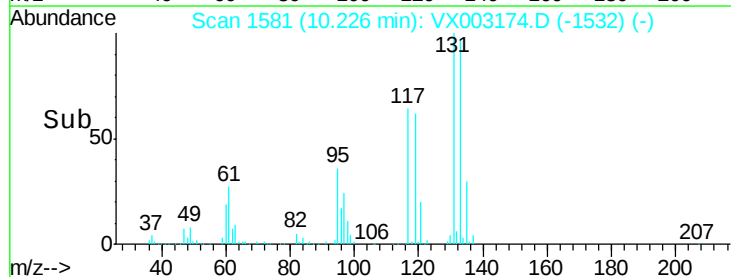
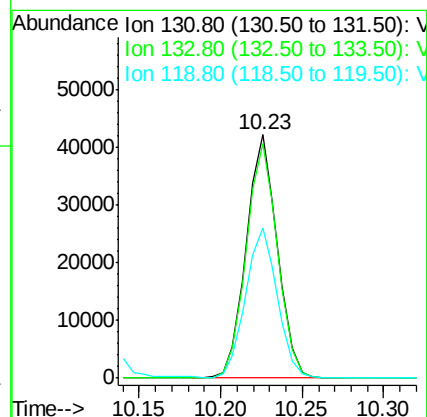
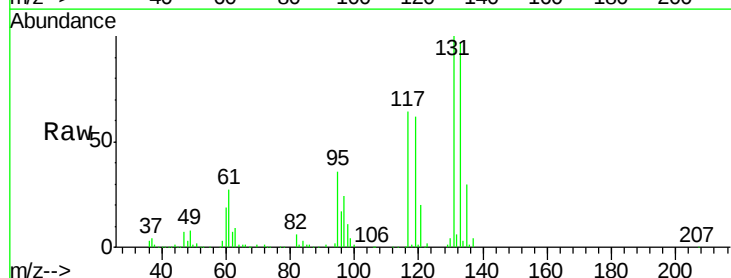
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

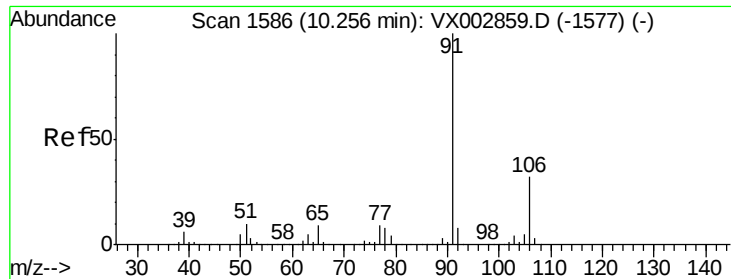
Tot Ion:112 Resp: 152505
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.57 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion:131 Resp: 55812
Ion Ratio Lower Upper
131 100
133 97.5 47.9 143.6
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 18.01 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

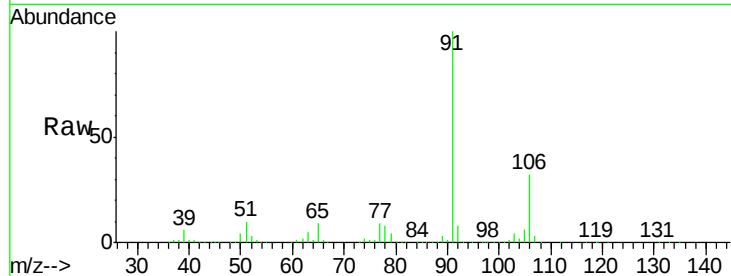
VX0705WBSD02

Tot Ion: 91 Resp: 246052

Ion Ratio Lower Upper

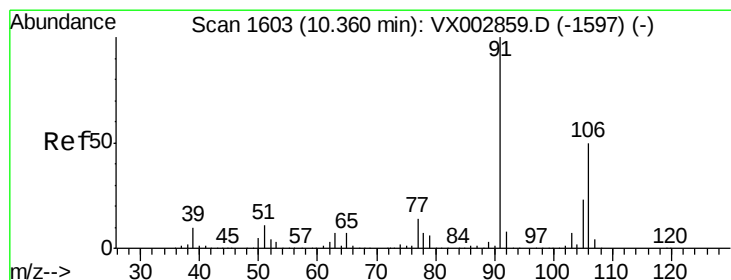
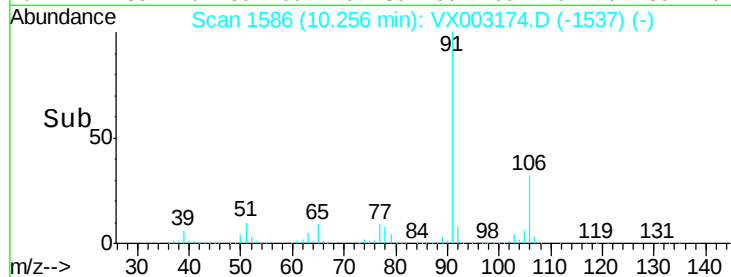
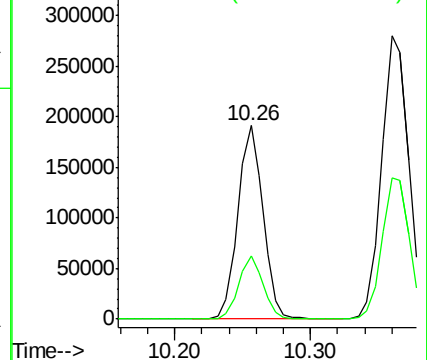
91 100

106 32.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.05 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003174.D

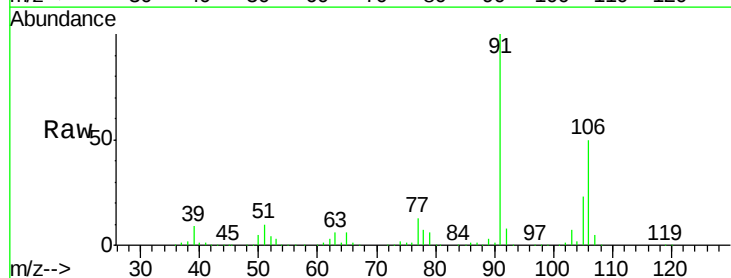
Acq: 05 Jul 2018 16:06

Tgt Ion: 106 Resp: 195100

Ion Ratio Lower Upper

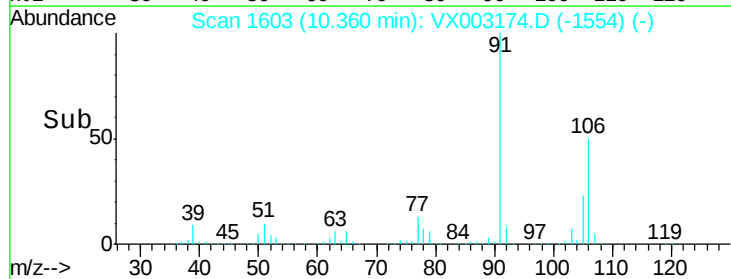
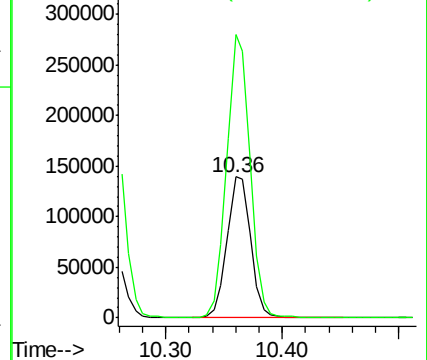
106 100

91 199.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

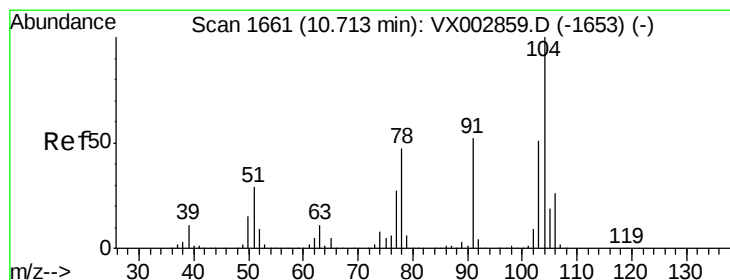
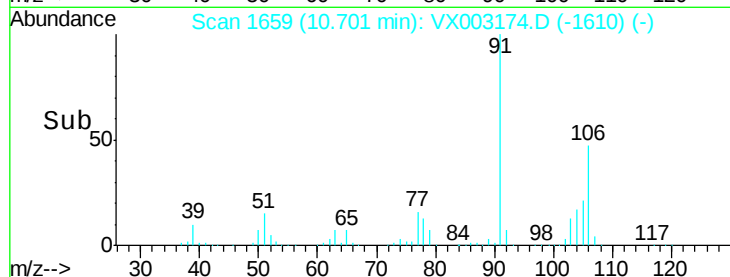
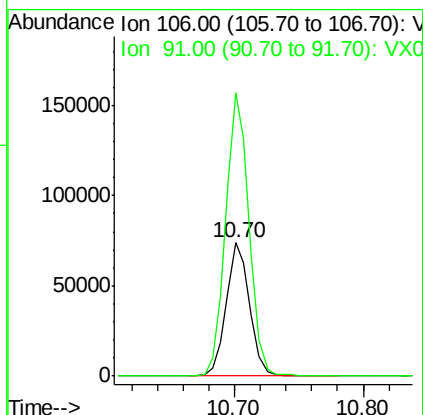
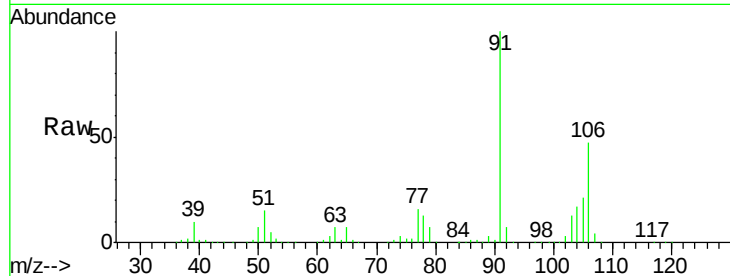




#69
o-Xylene
Concen: 18.38 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

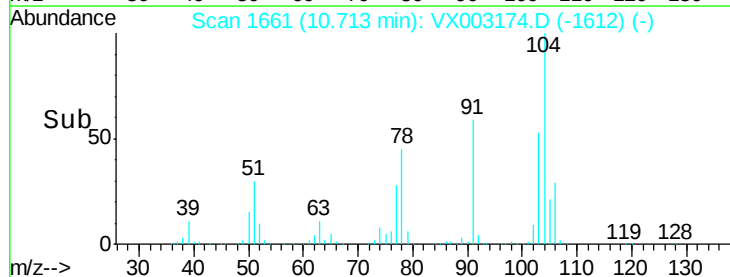
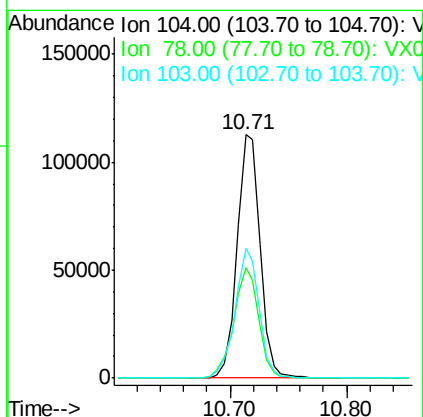
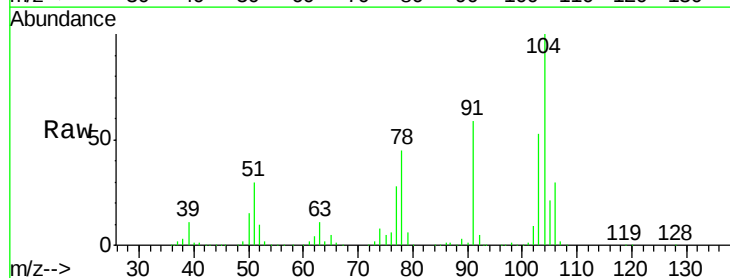
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion:106 Resp: 94244
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6



#70
Styrene
Concen: 18.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion:104 Resp: 155108
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.56 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

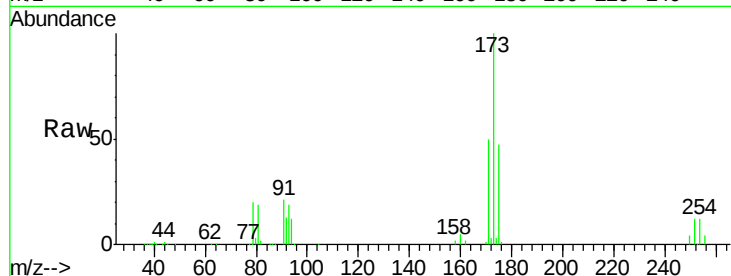
Tot Ion:173 Resp: 43177

Ion Ratio Lower Upper

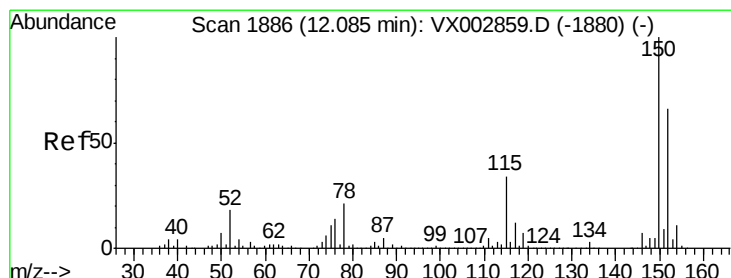
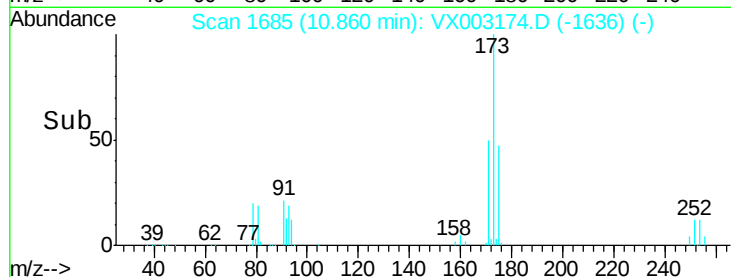
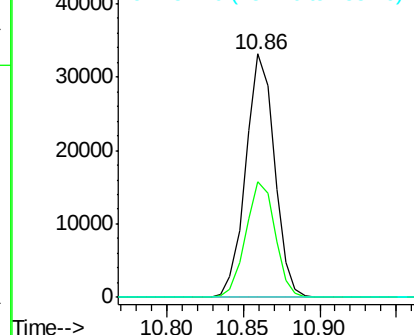
173 100

175 48.4 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

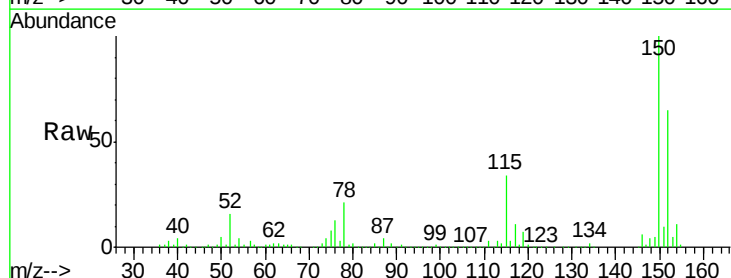
Tgt Ion:152 Resp: 202715

Ion Ratio Lower Upper

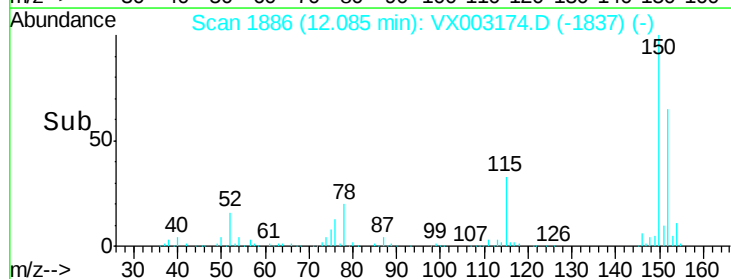
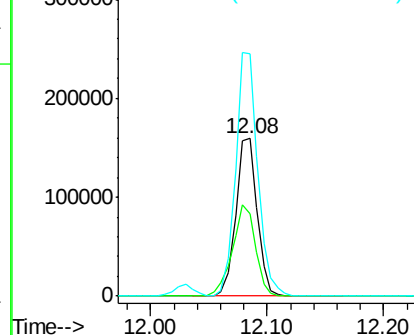
152 100

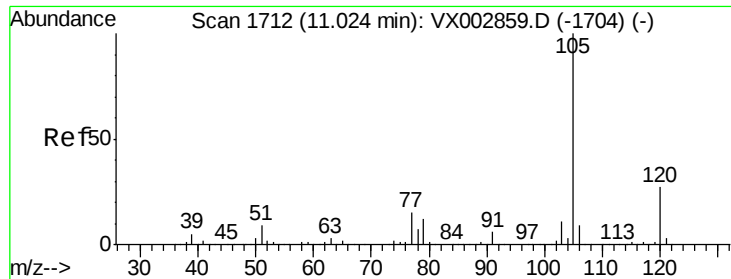
115 62.5 40.1 120.2

150 161.3 0.0 347.2



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: 18.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

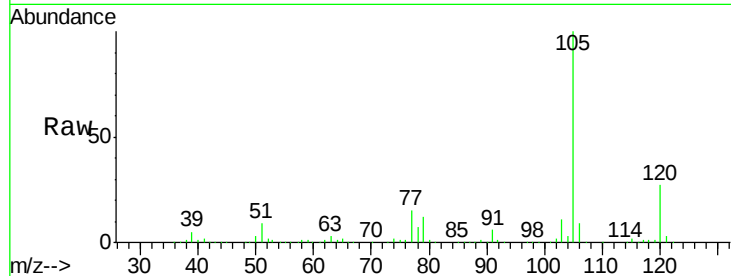
VX0705WBSD02

Tot Ion:105 Resp: 255618

Ion Ratio Lower Upper

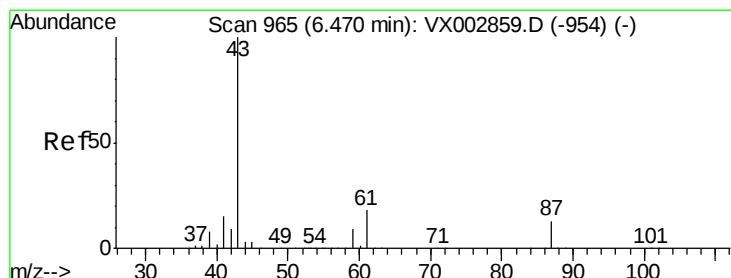
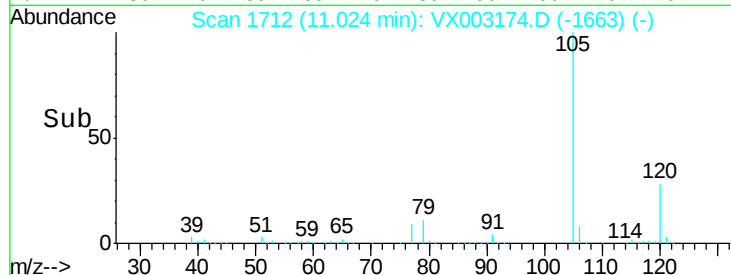
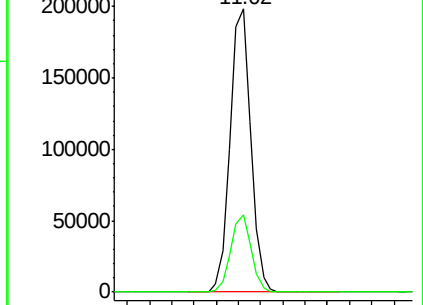
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.47 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Tgt Ion: 43 Resp: 123252

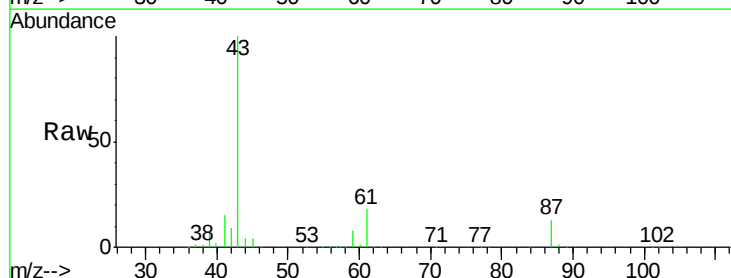
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.8 14.4 21.6

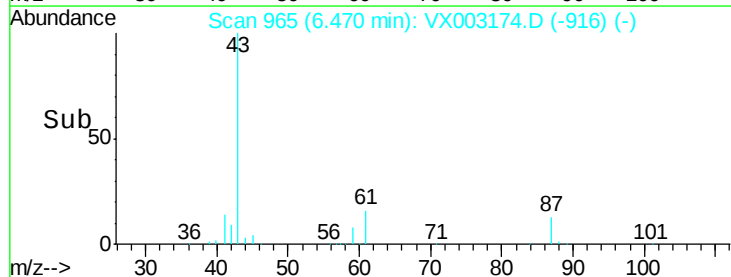
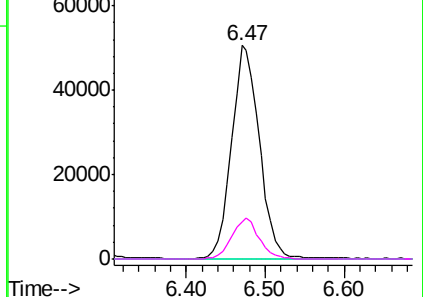


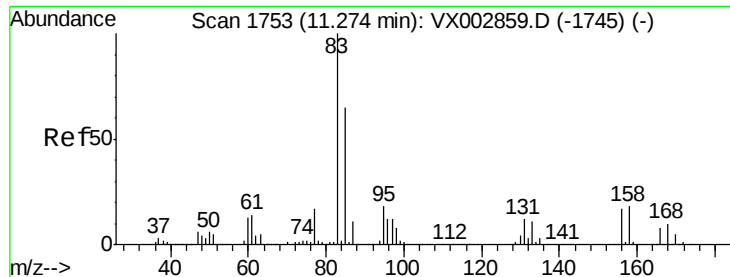
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.15 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

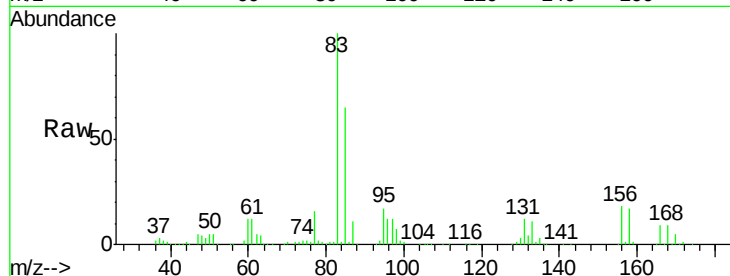
Tot Ion: 83 Resp: 80452

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

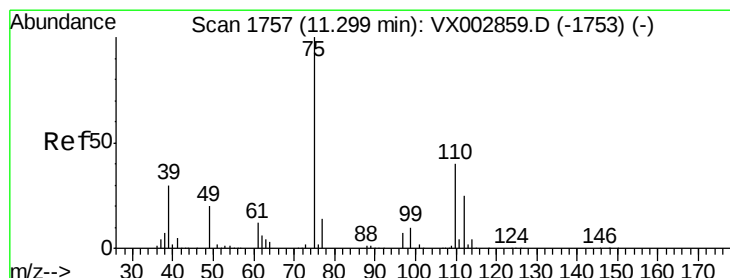
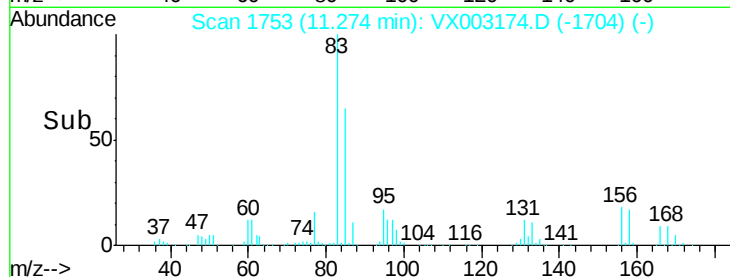
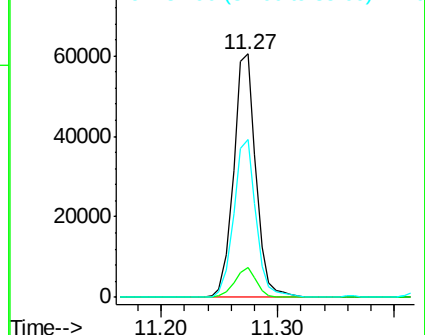
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.38 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003174.D

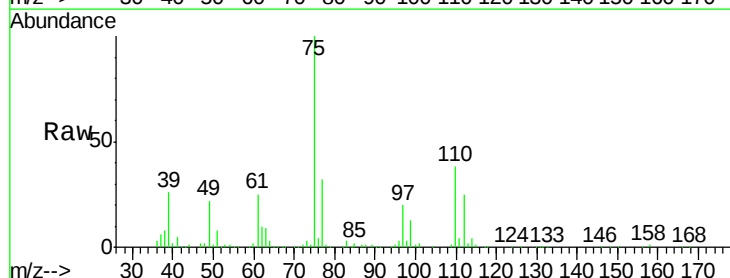
Acq: 05 Jul 2018 16:06

Tgt Ion: 75 Resp: 89524

Ion Ratio Lower Upper

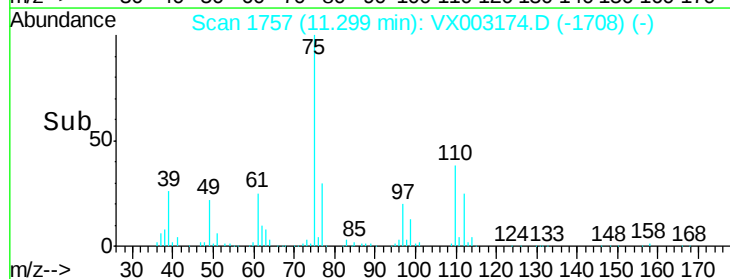
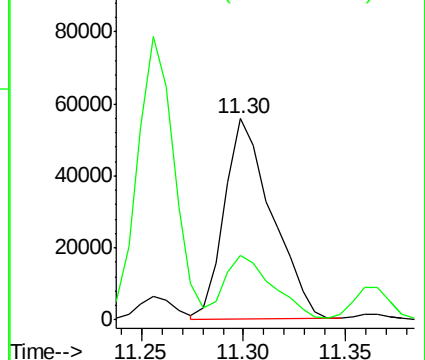
75 100

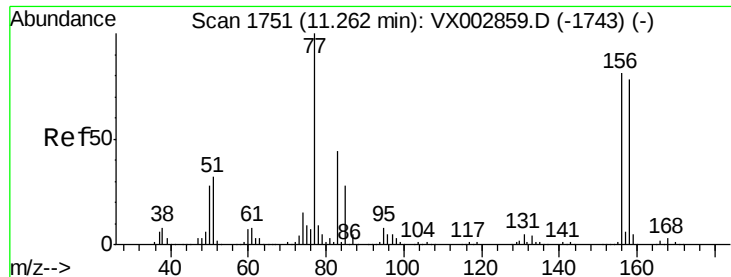
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.86 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

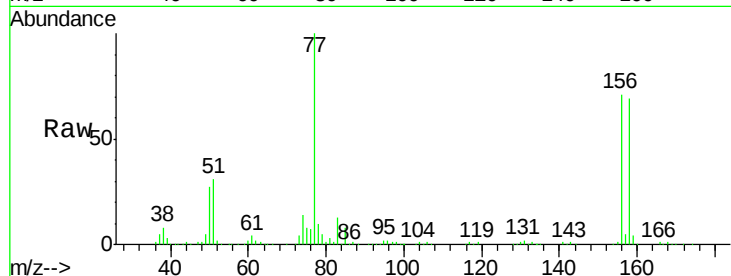
Tot Ion:156 Resp: 73229

Ion Ratio Lower Upper

156 100

77 134.0 71.4 214.2

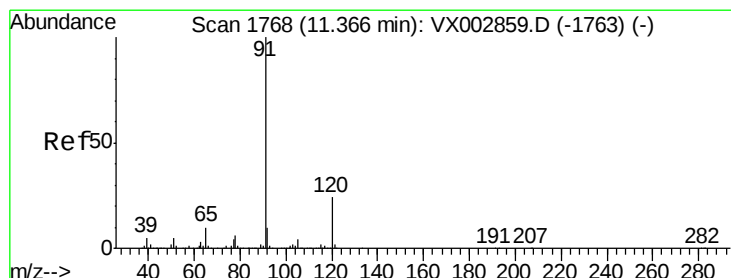
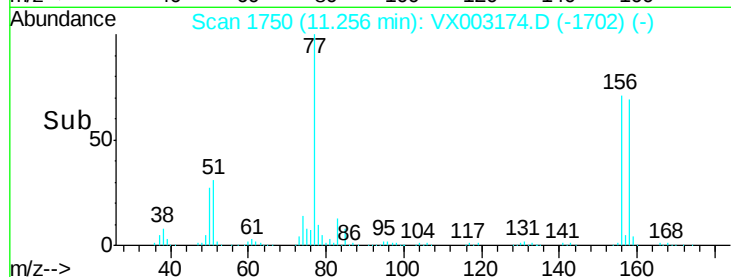
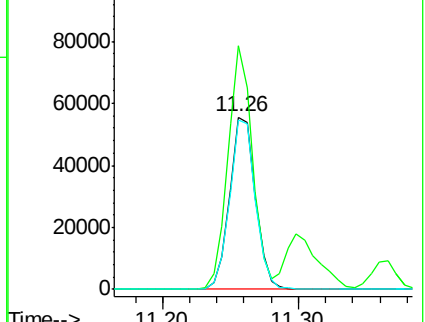
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003174.D

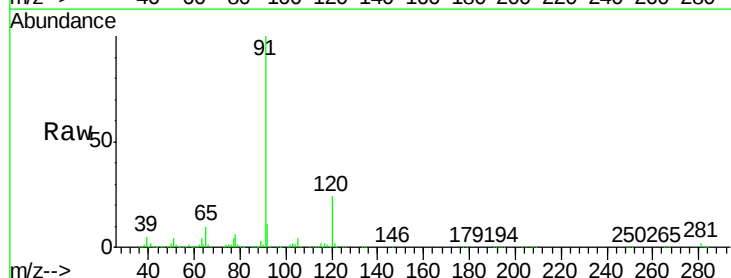
Acq: 05 Jul 2018 16:06

Tgt Ion: 91 Resp: 284113

Ion Ratio Lower Upper

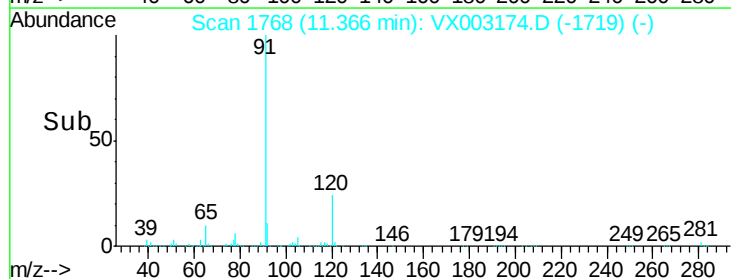
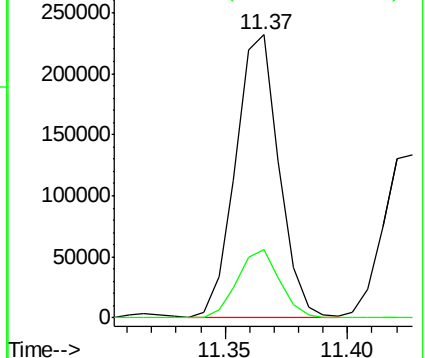
91 100

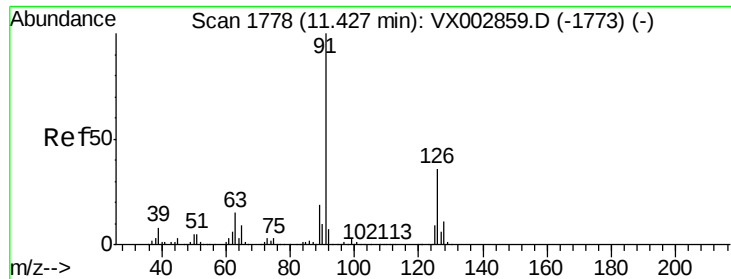
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

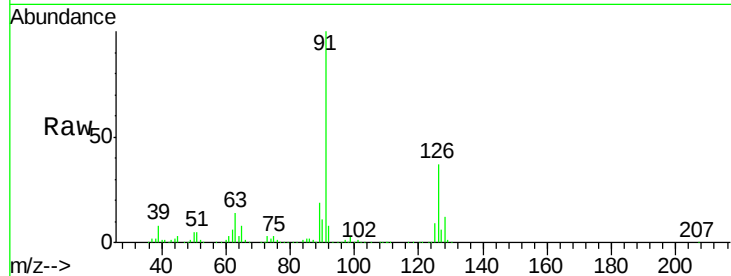
VX0705WBSD02

Tot Ion: 91 Resp: 173745

Ion Ratio Lower Upper

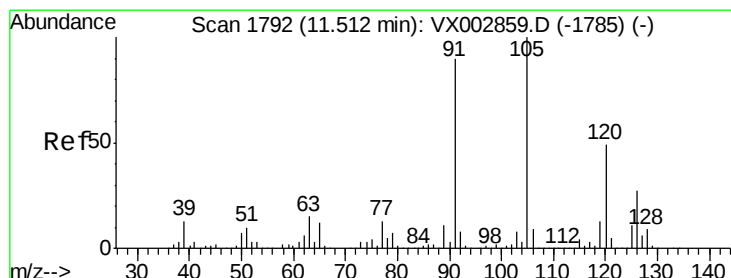
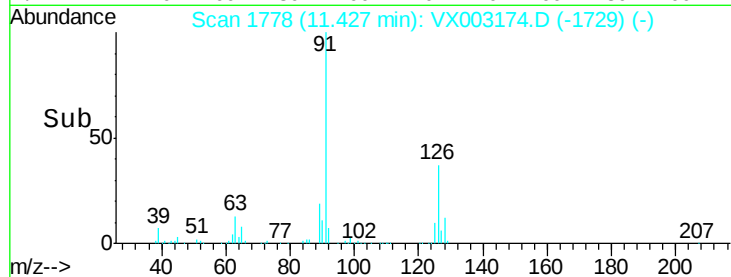
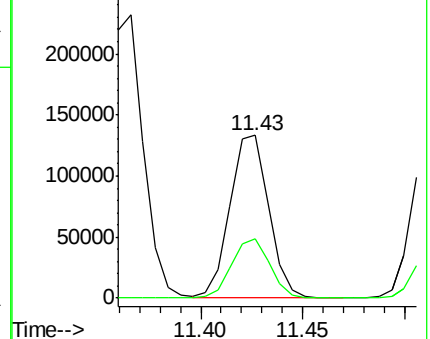
91 100

126 36.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.59 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003174.D

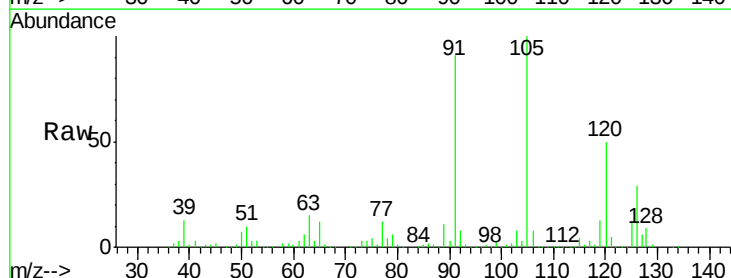
Acq: 05 Jul 2018 16:06

Tgt Ion: 105 Resp: 213567

Ion Ratio Lower Upper

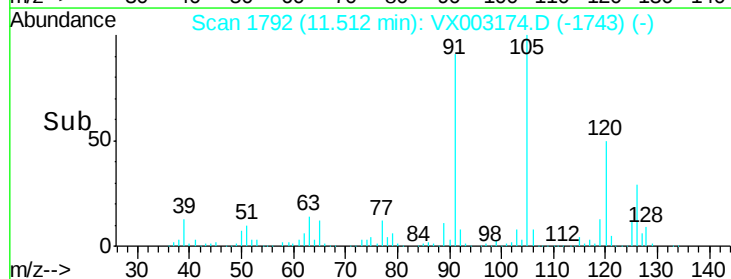
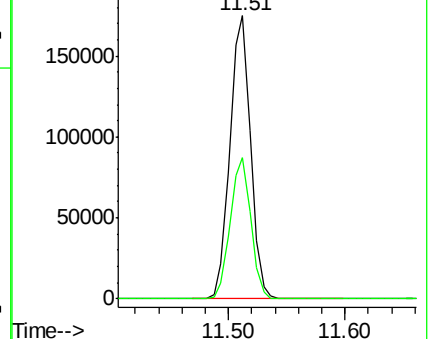
105 100

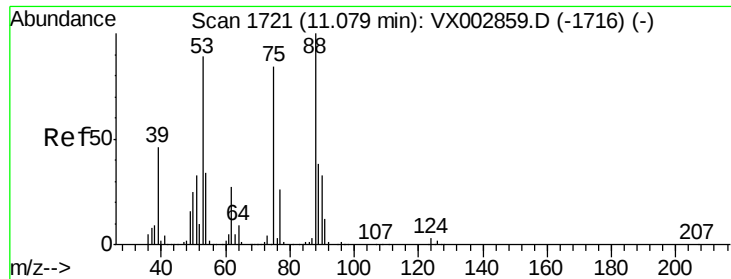
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.12 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

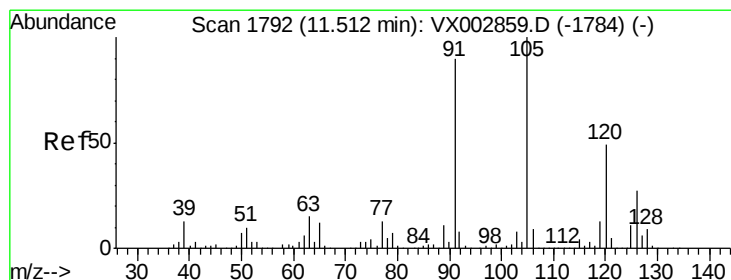
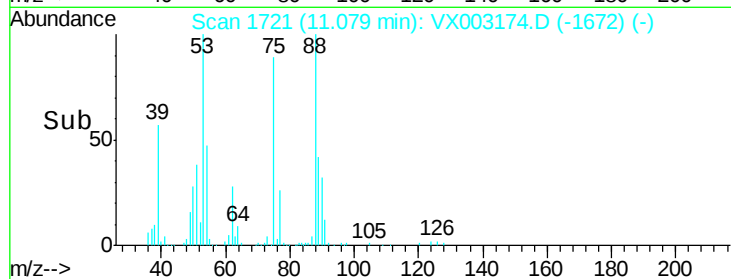
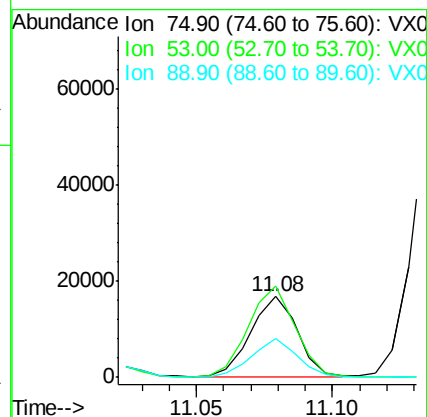
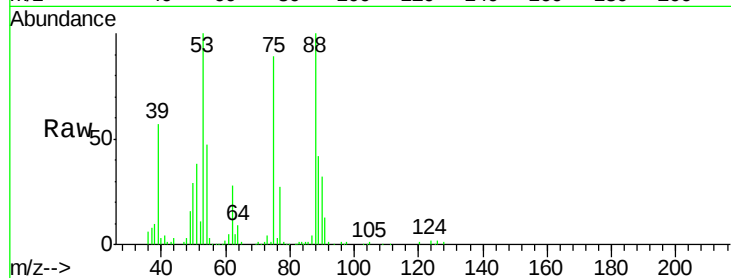
Tot Ion: 75 Resp: 20023

Ion Ratio Lower Upper

75 100

53 113.5 86.8 130.2

89 47.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003174.D

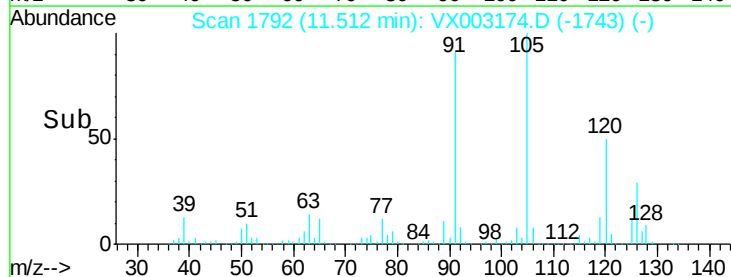
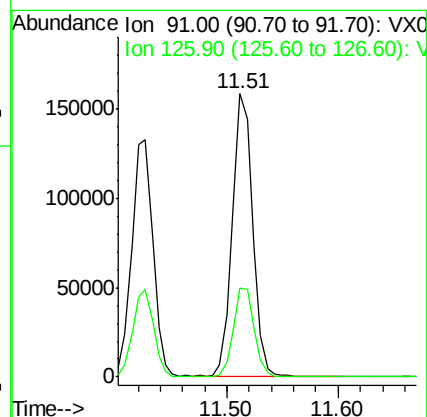
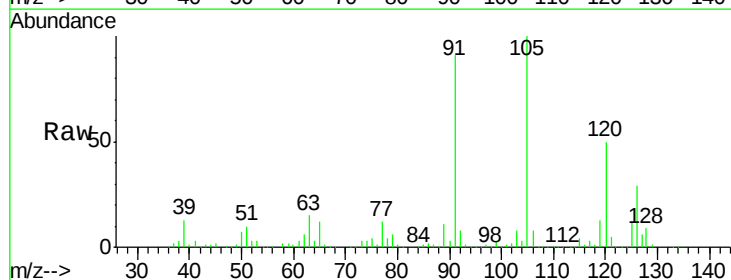
Acq: 05 Jul 2018 16:06

Tgt Ion: 91 Resp: 201258

Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.4

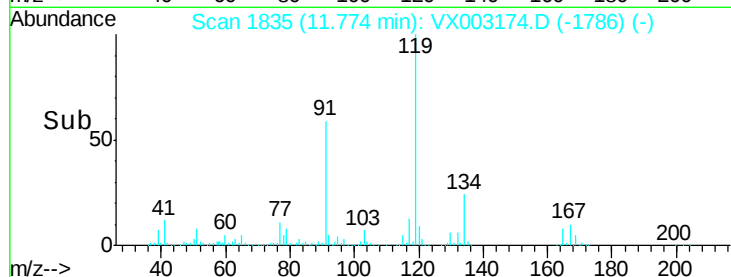
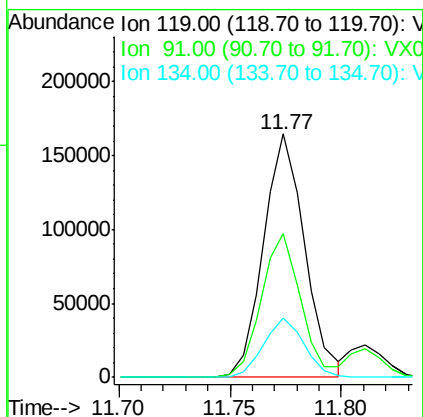
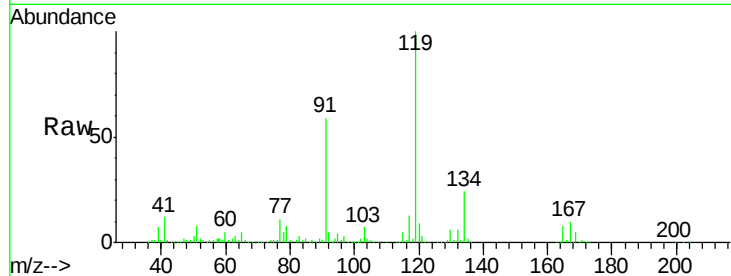




#83
 tert-Butylbenzene
 Concen: 18.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

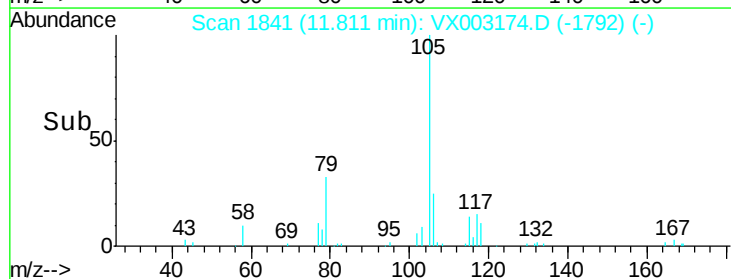
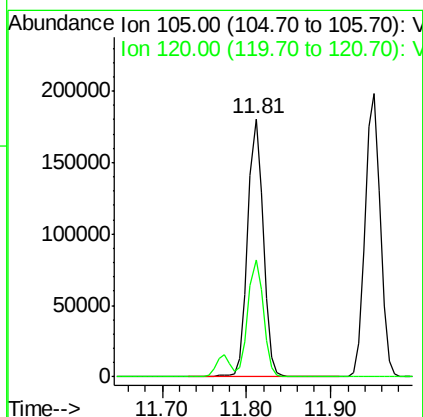
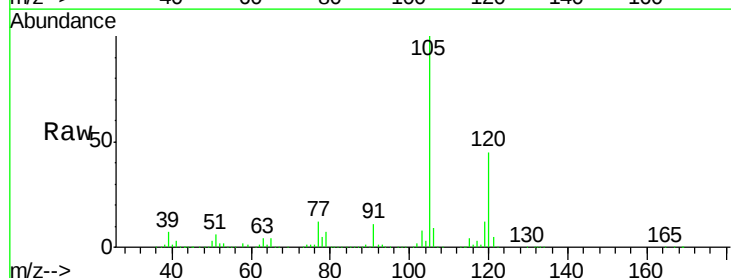
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

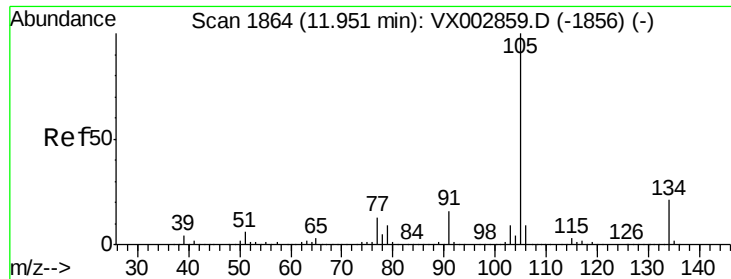
Tot Ion:119 Resp: 211231
 Ion Ratio Lower Upper
 119 100
 91 57.1 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.50 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion:105 Resp: 220177
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.15 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

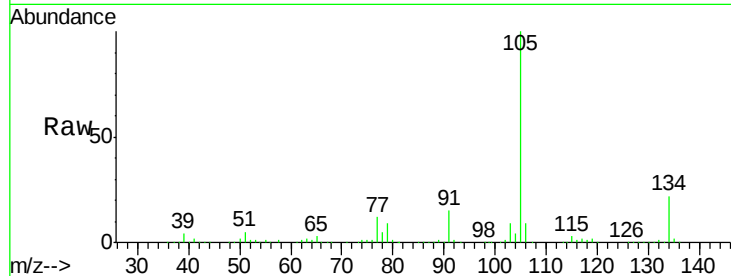
VX0705WBSD02

Tot Ion:105 Resp: 249270

Ion Ratio Lower Upper

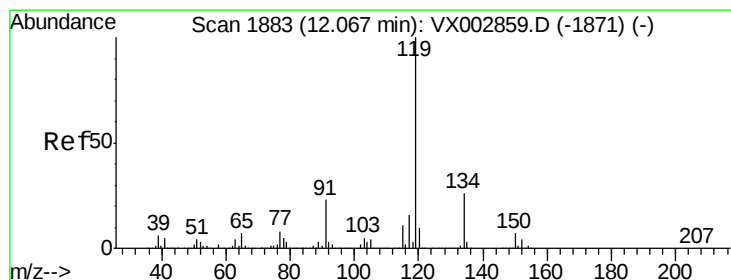
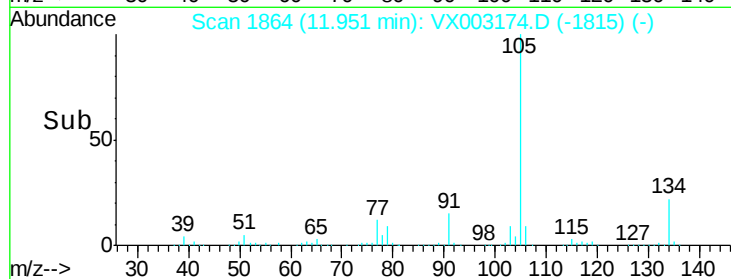
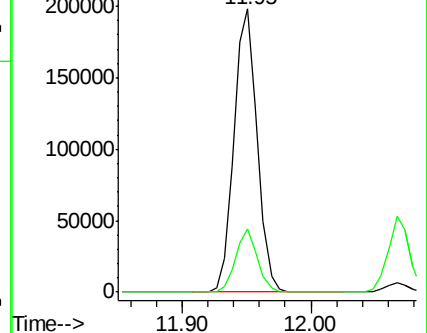
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

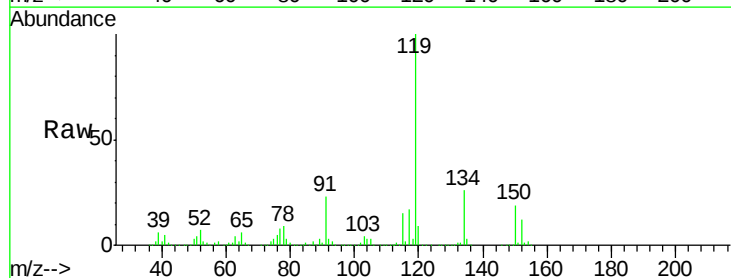
Tgt Ion:119 Resp: 227730

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

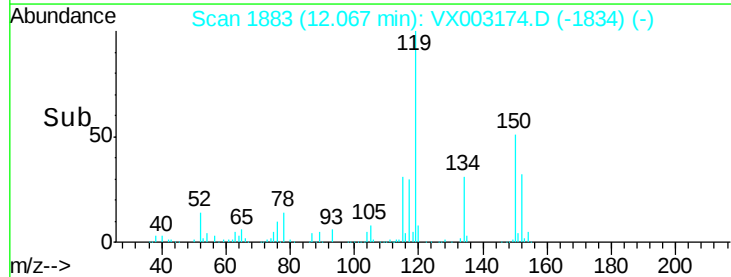
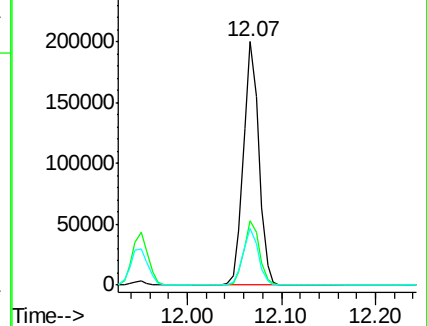
91 23.3 11.9 35.7

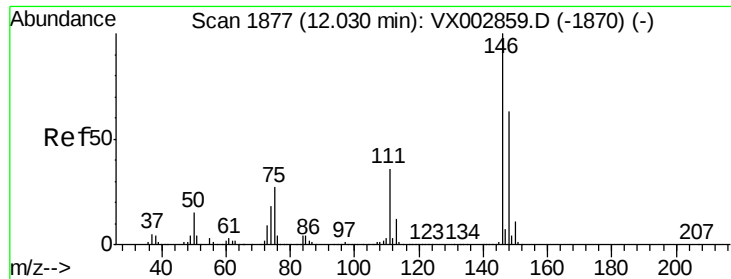


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

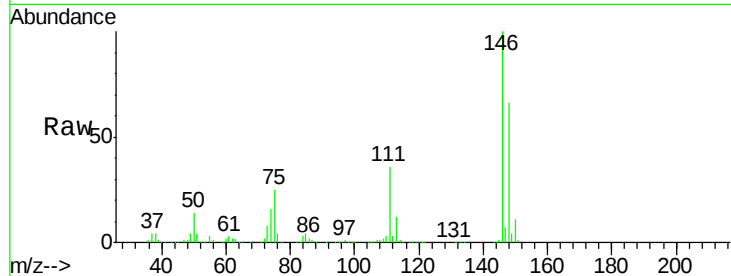
Tot Ion:146 Resp: 131209

Ion Ratio Lower Upper

146 100

111 36.2 18.9 56.7

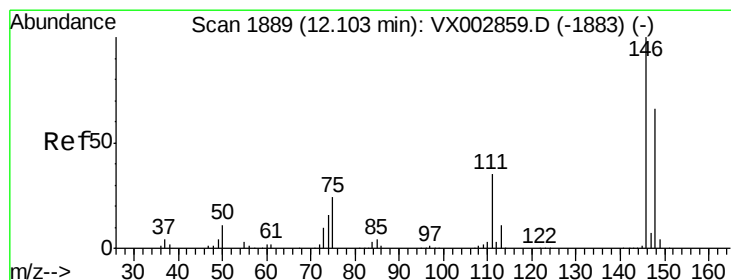
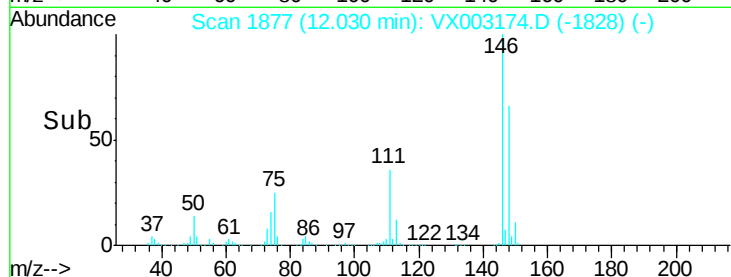
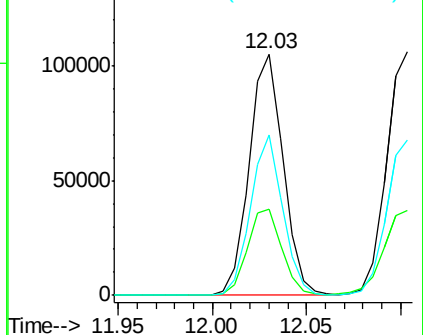
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.83 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

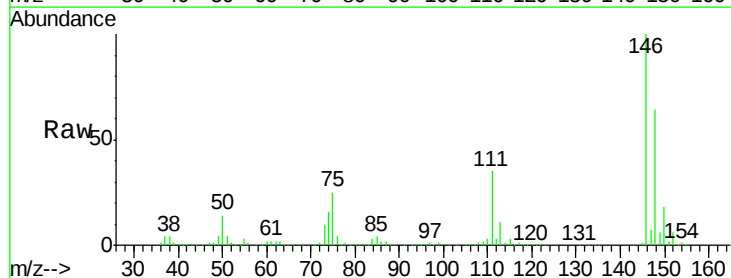
Tgt Ion:146 Resp: 130157

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

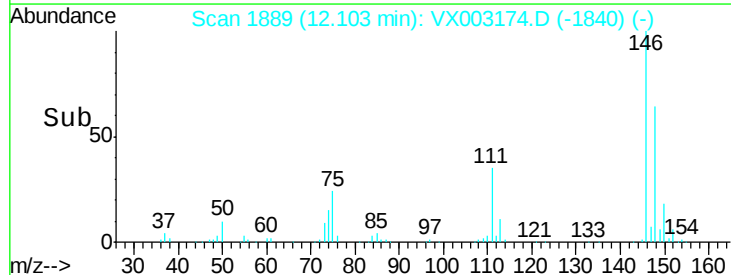
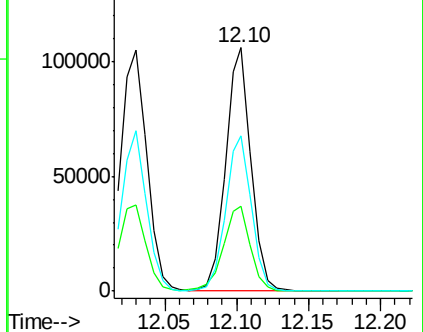
148 65.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.90 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003174.D

Acq: 05 Jul 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

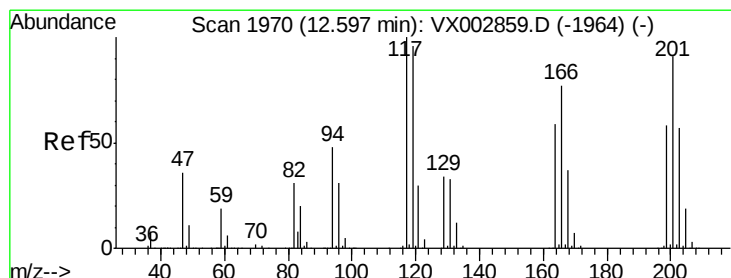
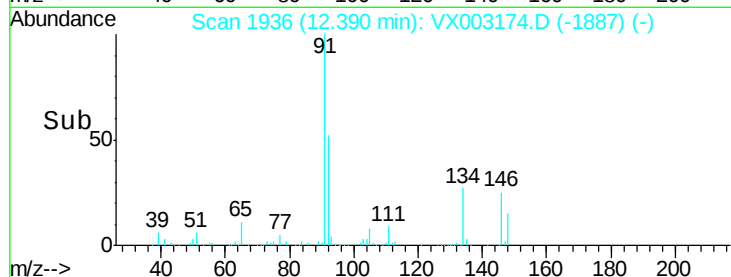
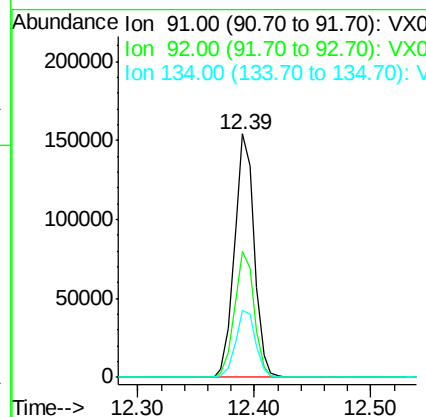
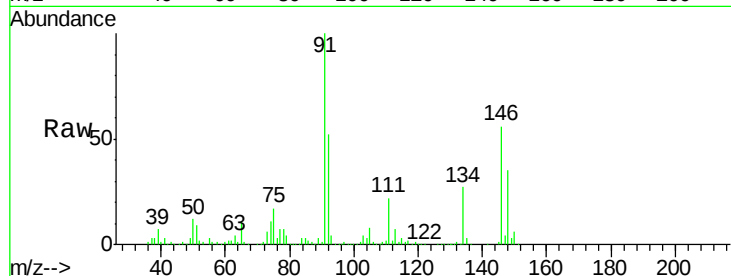
Tot Ion: 91 Resp: 181626

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.9 13.5 40.5



#90

Hexachloroethane

Concen: 17.05 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003174.D

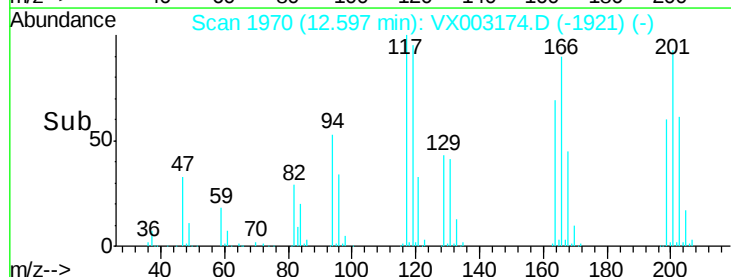
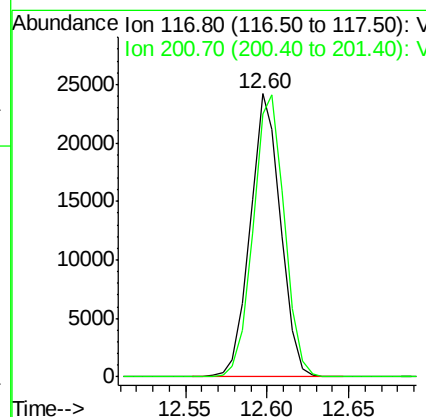
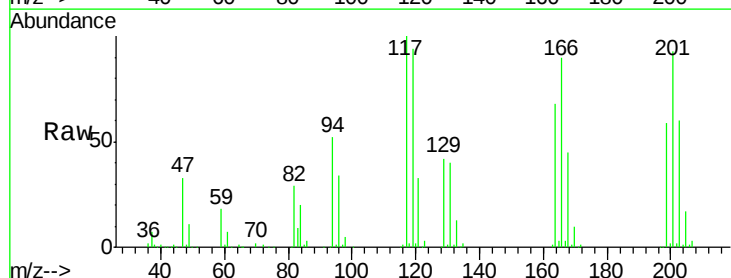
Acq: 05 Jul 2018 16:06

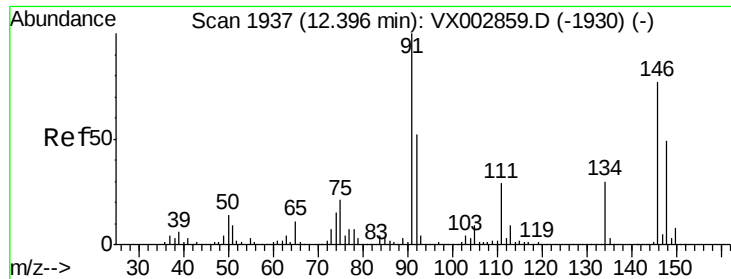
Tgt Ion: 117 Resp: 31306

Ion Ratio Lower Upper

117 100

201 101.8 49.0 147.0

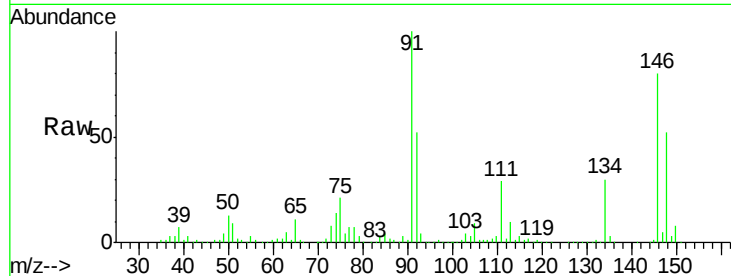




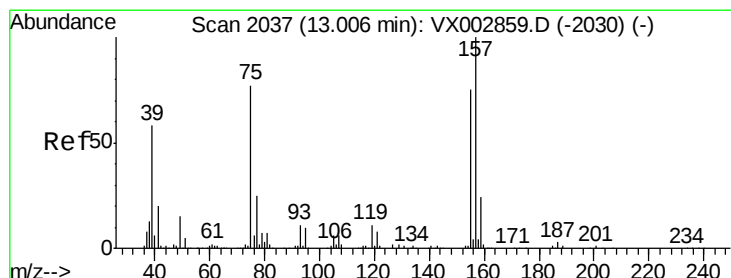
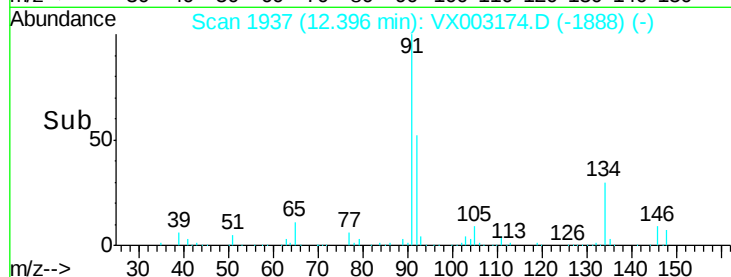
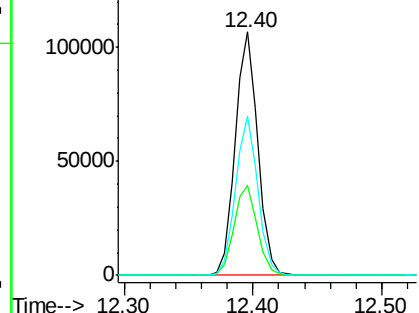
#91
 1,2-Dichlorobenzene
 Concen: 18.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion:146 Resp: 131056
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 64.7 31.7 95.1

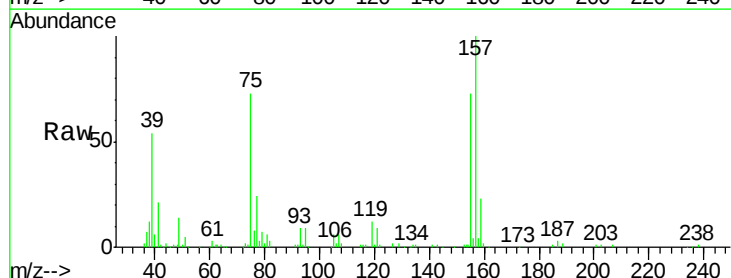


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

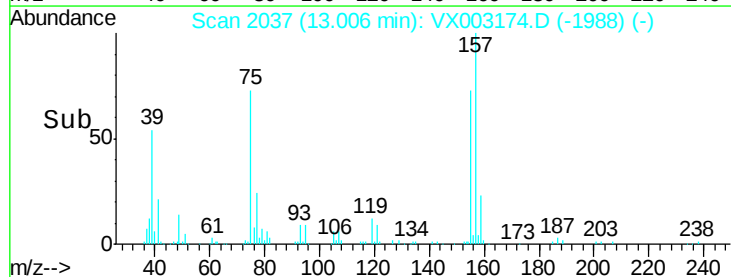
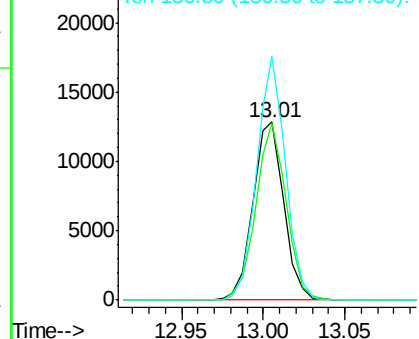


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion: 75 Resp: 16912
 Ion Ratio Lower Upper
 75 100
 155 97.9 45.8 137.4
 157 127.1 60.1 180.3



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

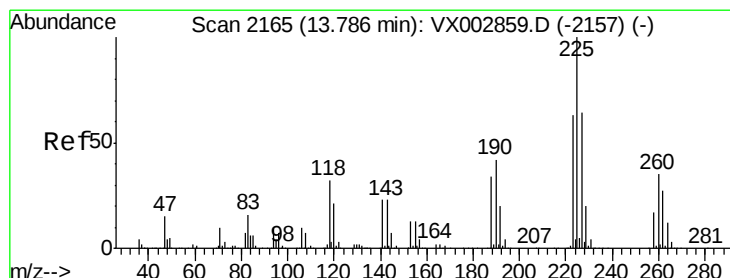
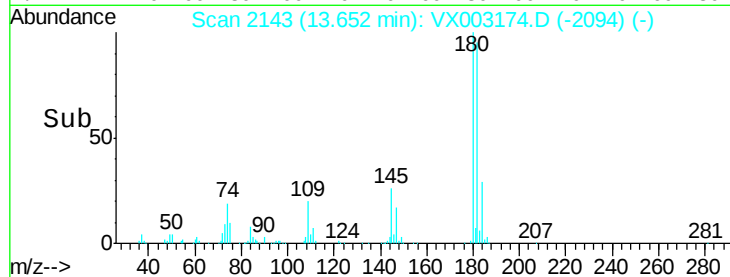
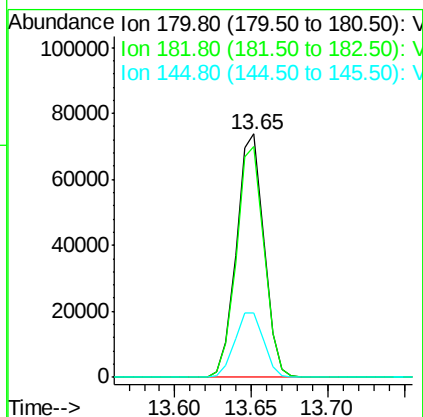
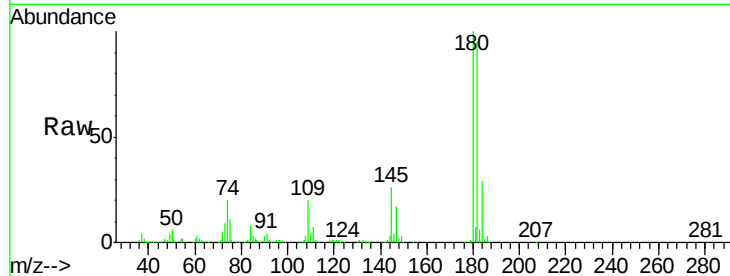




#93
 1,2,4-Trichlorobenzene
 Concen: 17.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

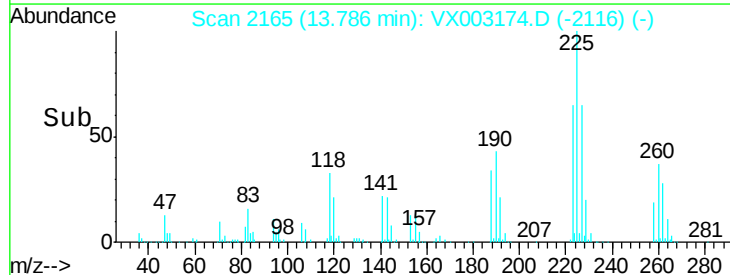
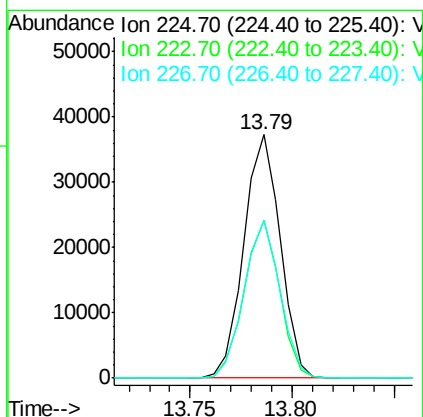
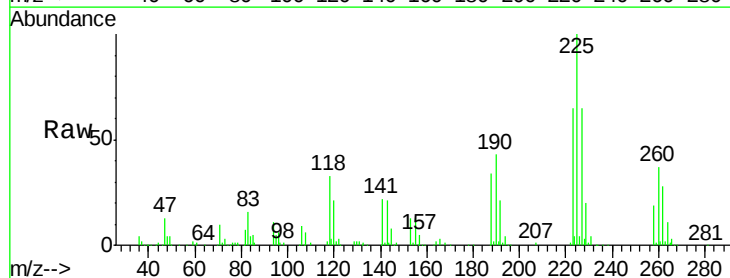
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

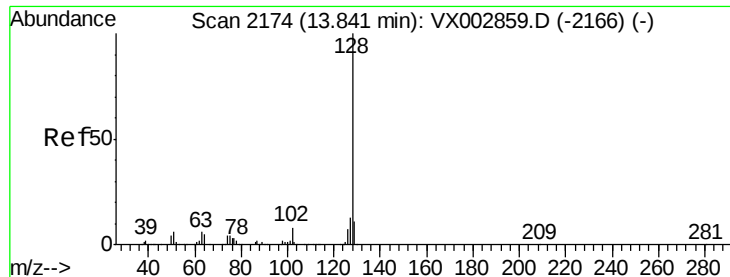
Tot Ion:180 Resp: 91787
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 17.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003174.D
 Acq: 05 Jul 2018 16:06

Tgt Ion:225 Resp: 46116
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 64.2 32.4 97.2

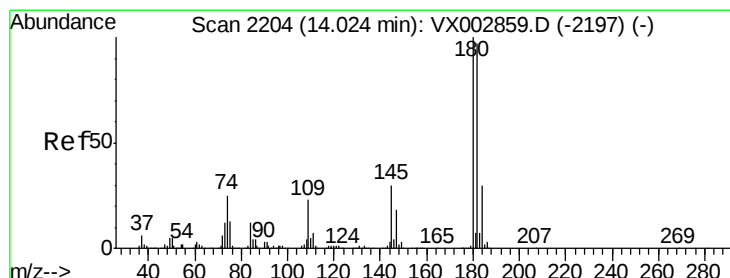
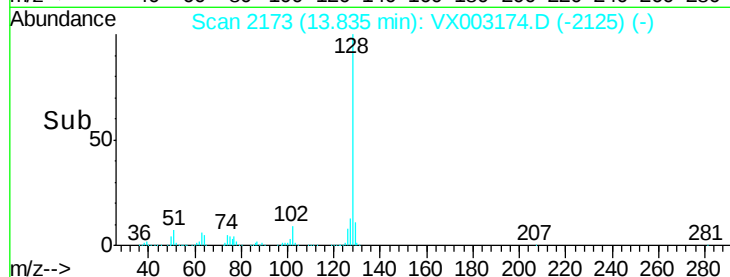
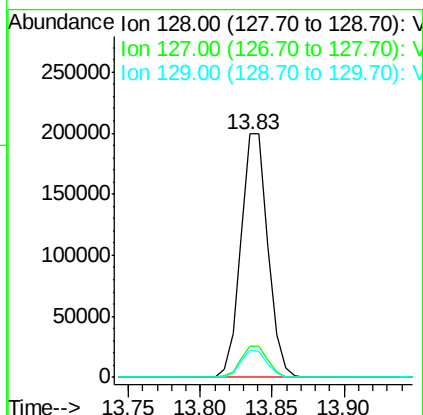
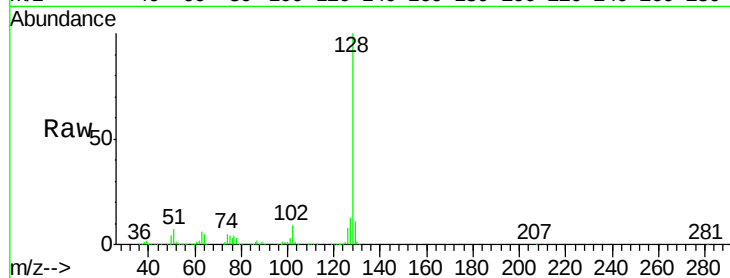




#95
Naphthalene
Concen: 18.67 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion:128 Resp: 259136
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.49 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003174.D
Acq: 05 Jul 2018 16:06

Tgt Ion:180 Resp: 96223
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.0
145 29.0 14.8 44.3

