

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002324.D
 Acq On : 06 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Quant Time: Jun 06 04:37:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157921	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	115990	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	
50) Toluene-d8	8.72	98	430520	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.14	95	161726	41.40	ug/l	0.00
Spiked Amount			Recovery	=	82.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	30709	14.40	ug/l	100
3) Chloromethane	1.32	50	55377	20.99	ug/l	100
4) Vinyl Chloride	1.41	62	51493	19.16	ug/l	98
5) Bromomethane	1.64	94	38537	23.57	ug/l	98
6) Chloroethane	1.72	64	37298	21.45	ug/l	99
7) Trichlorofluoromethane	1.93	101	72252	17.64	ug/l	98
8) Diethyl Ether	2.19	74	38601	25.34	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35297	15.97	ug/l	99
10) Methyl Iodide	2.51	142	66573	21.41	ug/l	100
11) Tert butyl alcohol	3.07	59	83144	128.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42371	19.40	ug/l	99
13) Acrolein	2.30	56	35063	115.09	ug/l	99
14) Allyl chloride	2.73	41	94553	19.95	ug/l	100
15) Acrylonitrile	3.15	53	164112	126.64	ug/l	99
16) Acetone	2.45	43	155497	112.70	ug/l	100
17) Carbon Disulfide	2.57	76	93518	16.24	ug/l	97
18) Methyl Acetate	2.78	43	79284	25.66	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	197366	24.74	ug/l	99
20) Methylene Chloride	2.86	84	59212	24.09	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49594	20.59	ug/l	99
22) Diisopropyl ether	3.87	45	177372	21.55	ug/l	92
23) Vinyl Acetate	3.83	43	765320	99.59	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101753	21.72	ug/l	98
25) 2-Butanone	4.71	43	209352	104.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49668	13.56	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	53169	20.30	ug/l	97
28) Bromochloromethane	5.03	49	48376	22.31	ug/l	99
29) Tetrahydrofuran	5.17	42	137215	105.79	ug/l	99
30) Chloroform	5.22	83	94902	20.99	ug/l	96
31) Cyclohexane	5.58	56	54798	14.79	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	70824	18.47	ug/l	99
36) 1,1-Dichloropropene	5.81	75	57071	16.15	ug/l	98
37) Ethyl Acetate	4.87	43	84133	19.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	56220	15.21	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002324.D
 Acq On : 06 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Quant Time: Jun 06 04:37:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50485	11.77	ug/l	96
40) Benzene	6.15	78	202877	18.73	ug/l	98
41) Methacrylonitrile	5.07	41	46736	19.22	ug/l	98
42) 1,2-Dichloroethane	6.20	62	86242	20.04	ug/l	100
43) Isopropyl Acetate	6.47	43	134841	18.68	ug/l	99
44) Trichloroethene	7.22	130	54699	18.19	ug/l	94
45) 1,2-Dichloropropane	7.52	63	53374	18.25	ug/l	99
46) Dibromomethane	7.66	93	38384	19.36	ug/l	98
47) Bromodichloromethane	7.90	83	62967	17.56	ug/l	96
48) Methyl methacrylate	7.78	41	67724	18.68	ug/l	98
49) 1,4-Dioxane	7.76	88	28393	418.91	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	444151	98.83	ug/l	99
52) Toluene	8.79	92	129530	18.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	73862	17.18	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66049	16.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56460	19.92	ug/l	99
56) Ethyl methacrylate	9.18	69	83879	18.54	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93938	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196983	94.07	ug/l	100
59) 2-Hexanone	9.50	43	336307	96.88	ug/l	99
60) Dibromochloromethane	9.59	129	49685	17.43	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57399	19.43	ug/l	100
64) Tetrachloroethene	9.34	164	58034	16.79	ug/l	98
65) Chlorobenzene	10.14	112	150558	18.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52107	17.26	ug/l	99
67) Ethyl Benzene	10.26	91	244855	17.55	ug/l	99
68) m/p-Xylenes	10.37	106	189771	34.99	ug/l	100
69) o-Xylene	10.70	106	95471	17.69	ug/l	100
70) Styrene	10.72	104	158386	17.95	ug/l	100
71) Bromoform	10.86	173	37020	16.20	ug/l #	96
73) Isopropylbenzene	11.02	105	244314	17.59	ug/l	100
74) N-amyl acetate	6.47	43	134841	18.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81410	18.63	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88934	20.30	ug/l	81
77) Bromobenzene	11.26	156	71896	18.44	ug/l	99
78) n-propylbenzene	11.37	91	269455	17.45	ug/l	100
79) 2-Chlorotoluene	11.43	91	172718	17.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209230	17.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	13.37	ug/l #	84
82) 4-Chlorotoluene	11.51	91	200349	17.80	ug/l	100
83) tert-Butylbenzene	11.77	119	195135	16.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220393	17.97	ug/l	99
85) sec-Butylbenzene	11.95	105	229651	16.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	208323	16.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124125	17.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125895	17.52	ug/l	99
89) n-Butylbenzene	12.39	91	166901	16.06	ug/l	99
90) Hexachloroethane	12.60	117	29003	14.67	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132052	18.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16439	17.21	ug/l	97

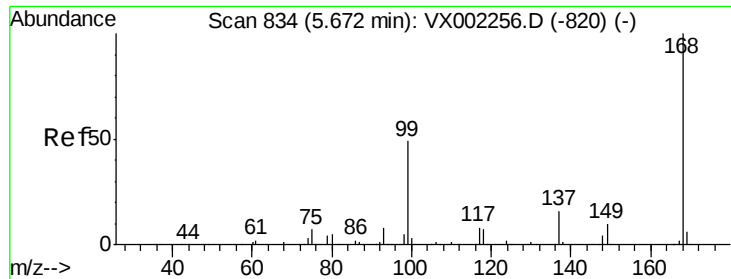
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002324.D
Acq On : 06 Jun 2018 00:24
Operator : JC/MD
Sample : VX0605WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Quant Time: Jun 06 04:37:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86329	17.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	38111	15.25	ug/l	100
95) Naphthalene	13.84	128	271966	18.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94060	18.23	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

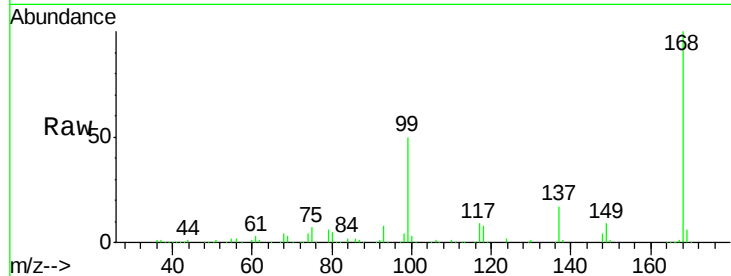
VX0605WBSD02

Tot Ion:168 Resp: 205178

Ion Ratio Lower Upper

168 100

99 49.9 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

80000

60000

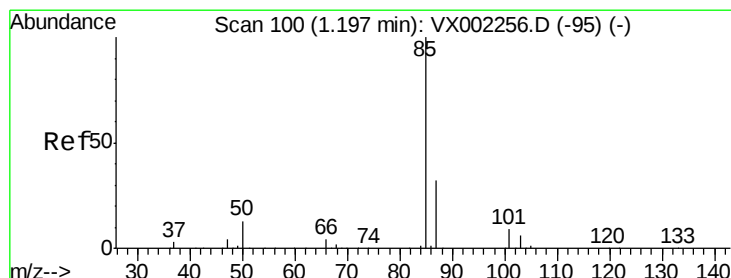
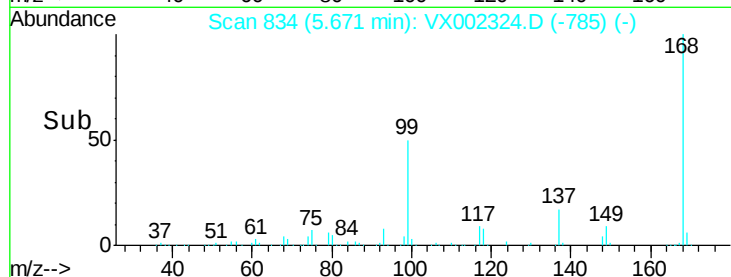
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002324.D

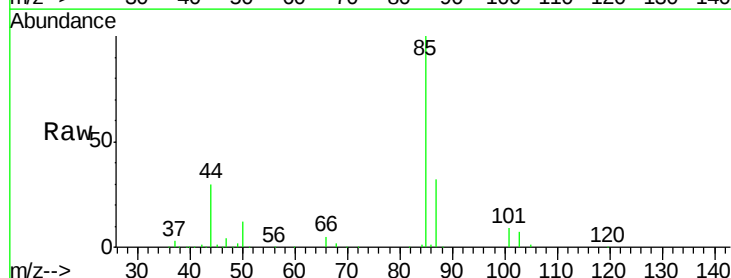
Acq: 06 Jun 2018 00:24

Tgt Ion: 85 Resp: 30709

Ion Ratio Lower Upper

85 100

87 31.8 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

30000

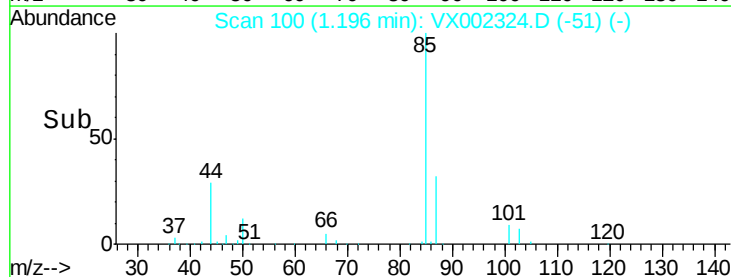
20000

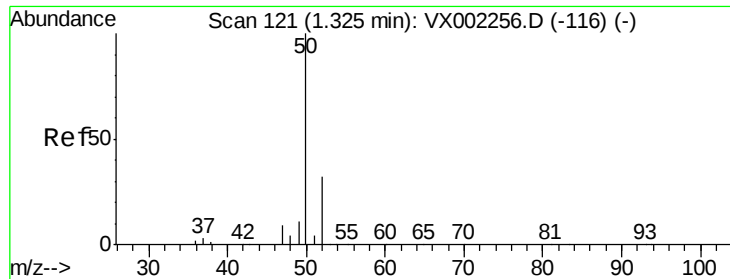
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

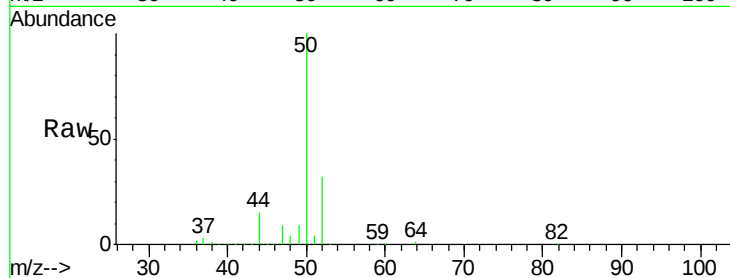
VX0605WBSD02

Tot Ion: 50 Resp: 55377

Ion Ratio Lower Upper

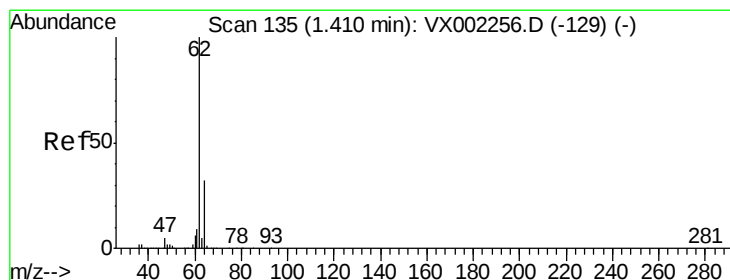
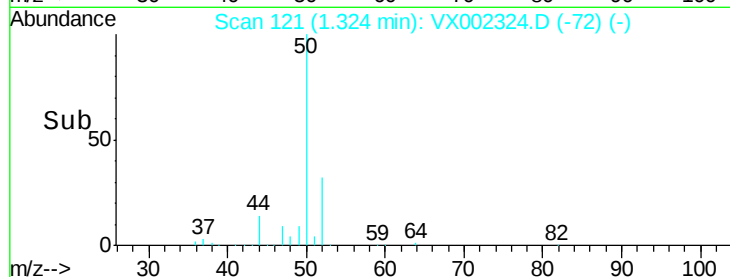
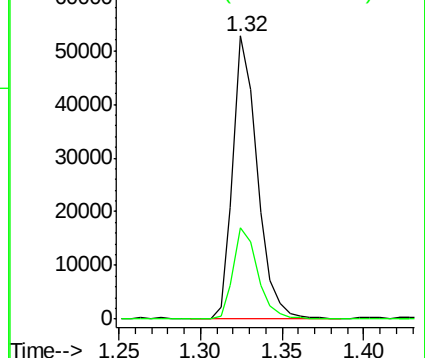
50 100

52 32.1 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: 19.16 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002324.D

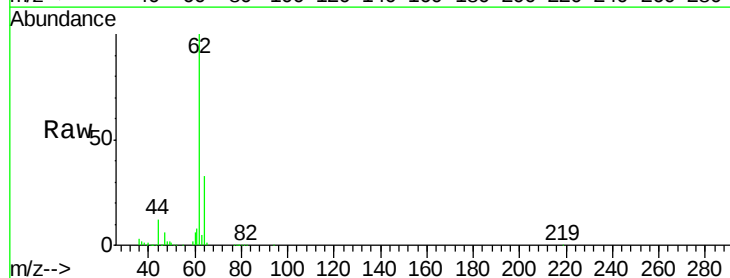
Acq: 06 Jun 2018 00:24

Tgt Ion: 62 Resp: 51493

Ion Ratio Lower Upper

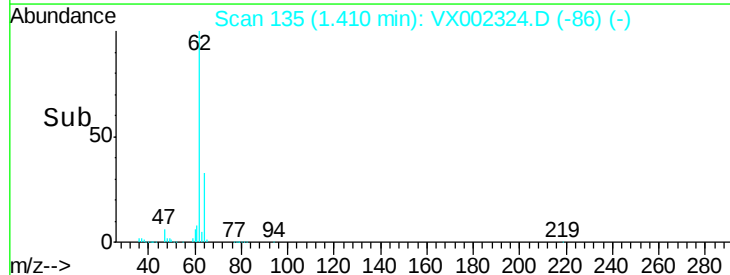
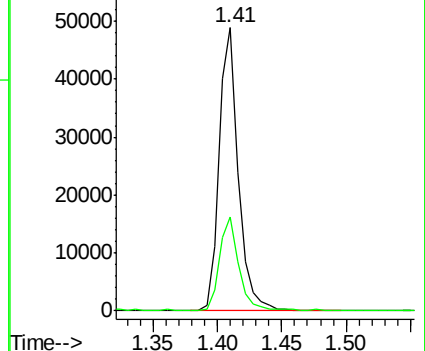
62 100

64 32.9 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: 23.57 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

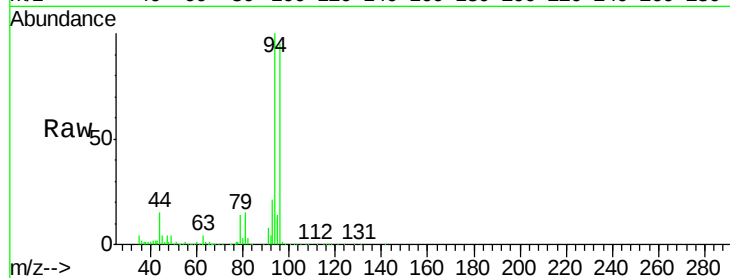
VX0605WBSD02

Tot Ion: 94 Resp: 38537

Ion Ratio Lower Upper

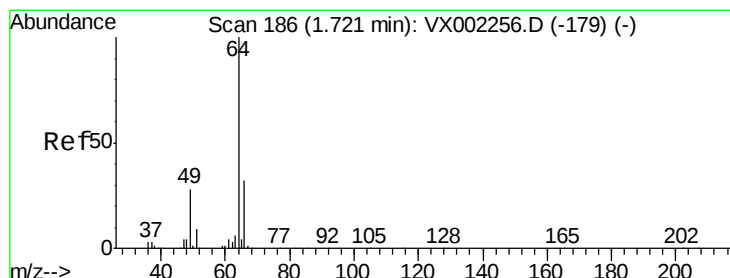
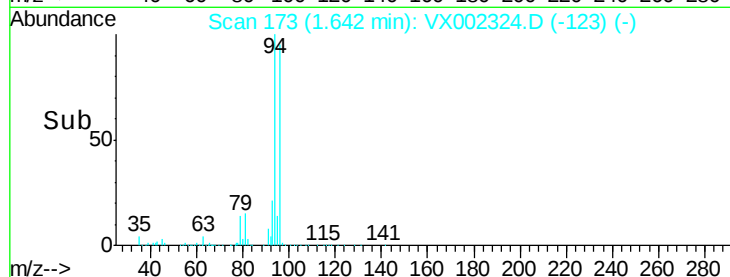
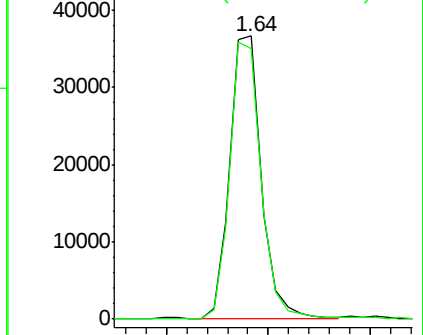
94 100

96 95.5 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: 21.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002324.D

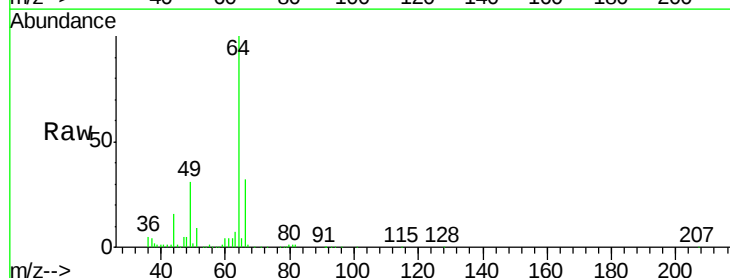
Acq: 06 Jun 2018 00:24

Tgt Ion: 64 Resp: 37298

Ion Ratio Lower Upper

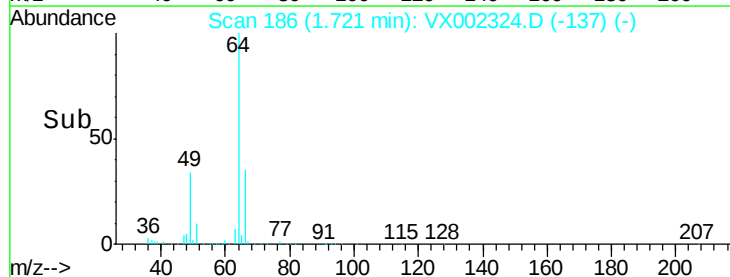
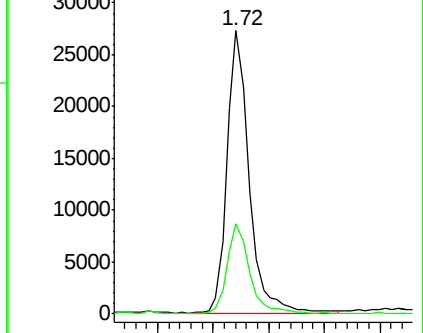
64 100

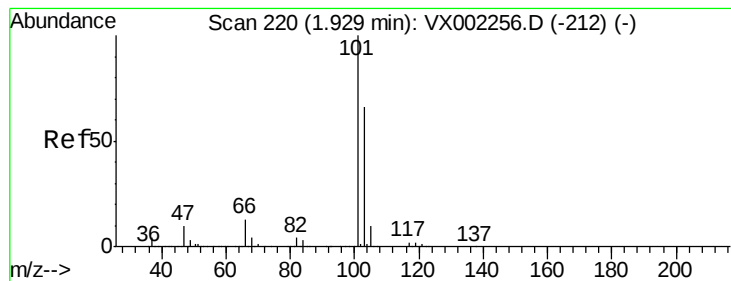
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



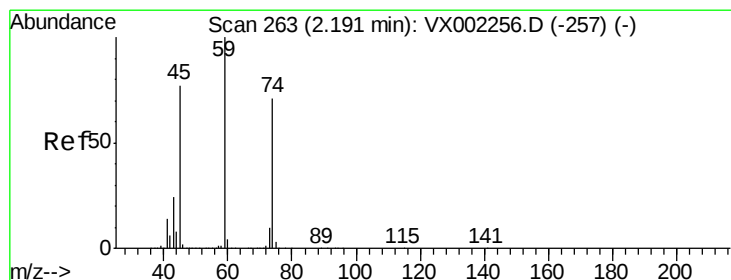
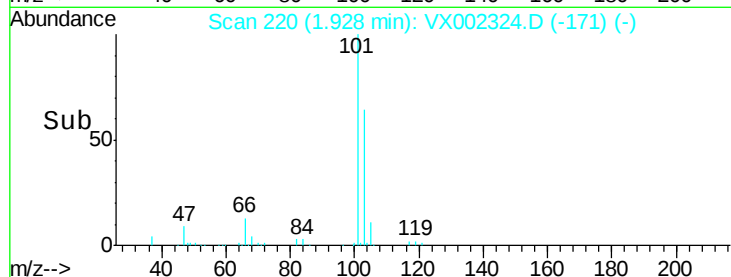
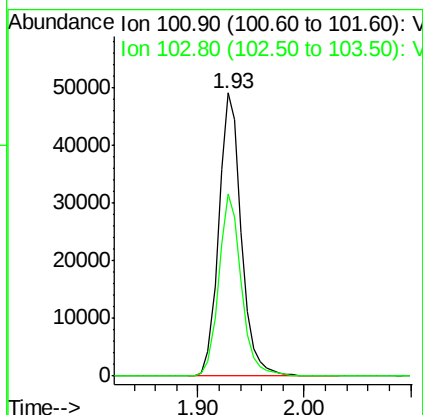
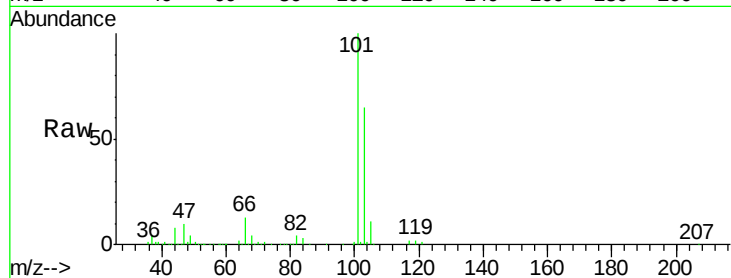


#7

Trichlorofluoromethane
 Concen: 17.64 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

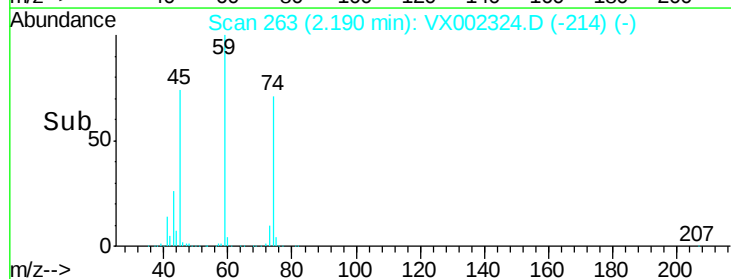
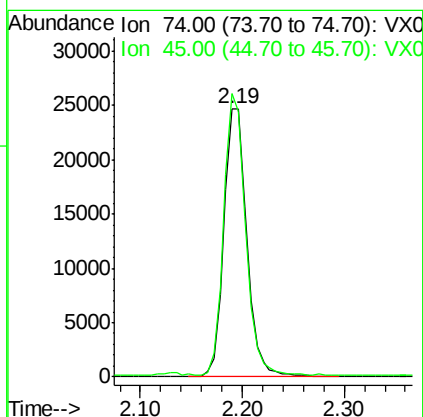
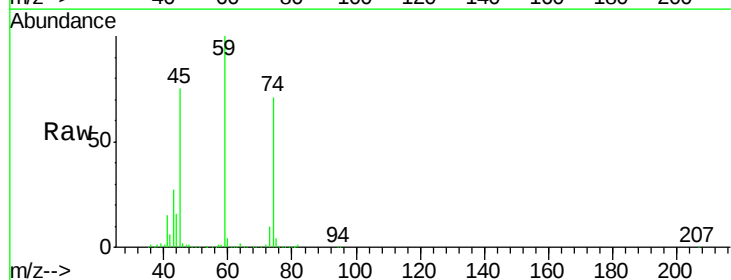
Tot Ion:101 Resp: 72252
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

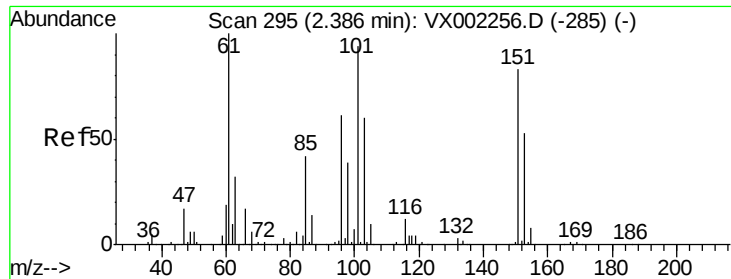


#8

Diethyl Ether
 Concen: 25.34 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 74 Resp: 38601
 Ion Ratio Lower Upper
 74 100
 45 99.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

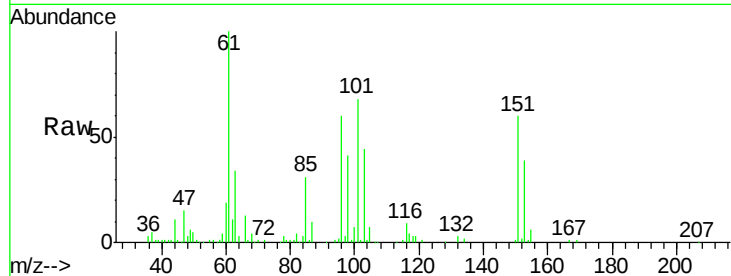
Tot Ion:101 Resp: 35297

Ion Ratio Lower Upper

101 100

85 46.7 36.0 54.0

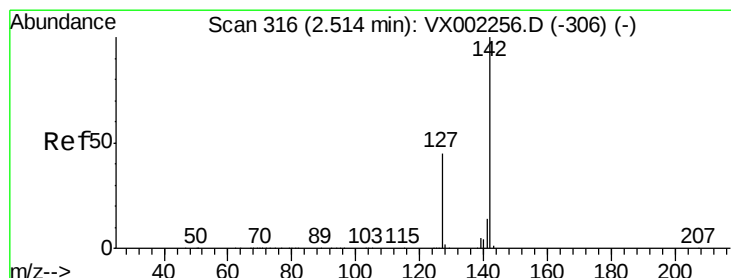
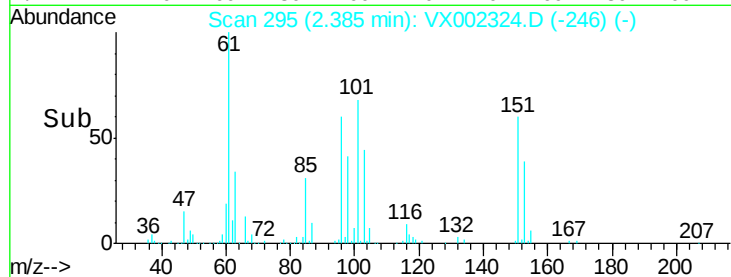
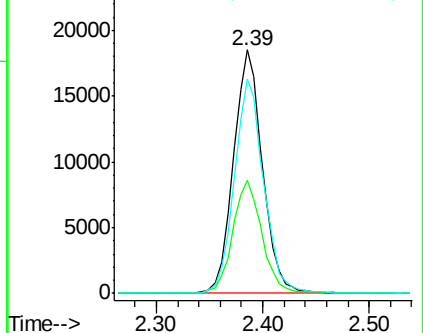
151 89.0 70.9 106.3



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: 21.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

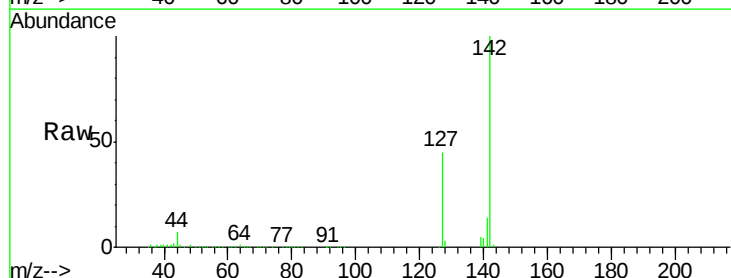
Tgt Ion:142 Resp: 66573

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

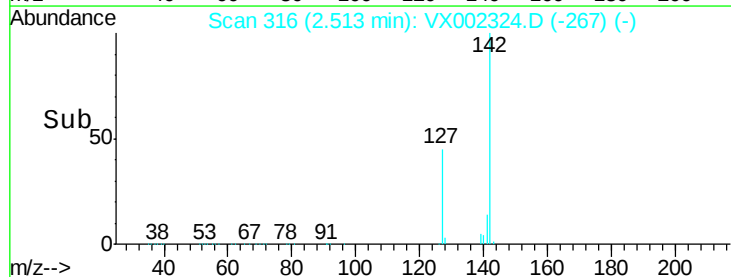
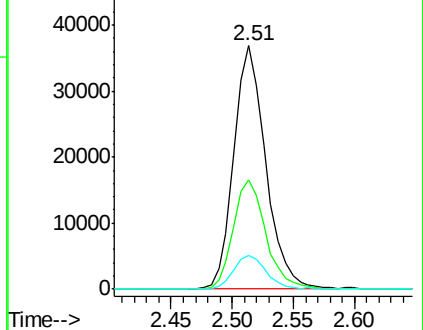
141 14.3 11.3 16.9



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

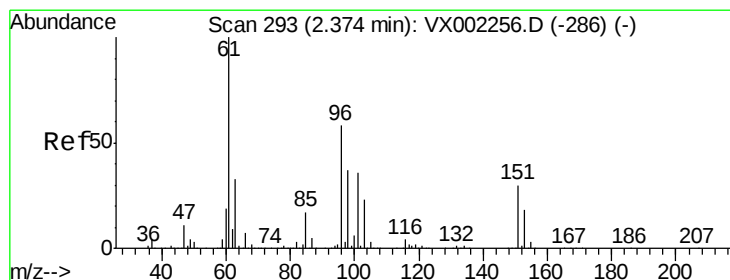
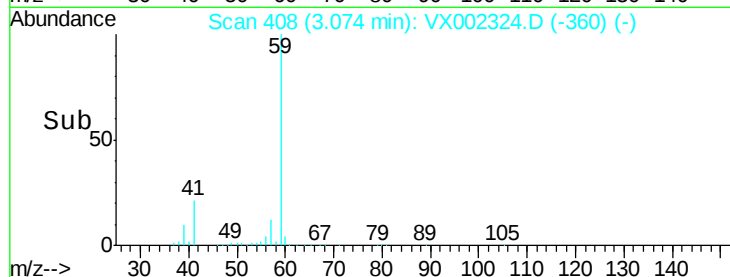
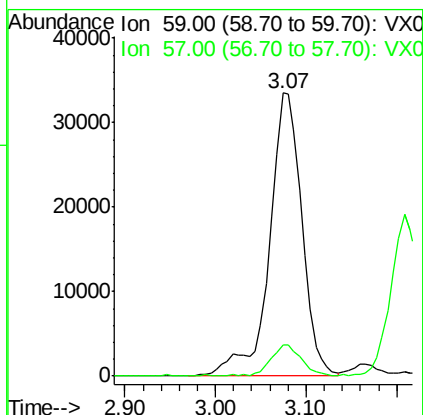
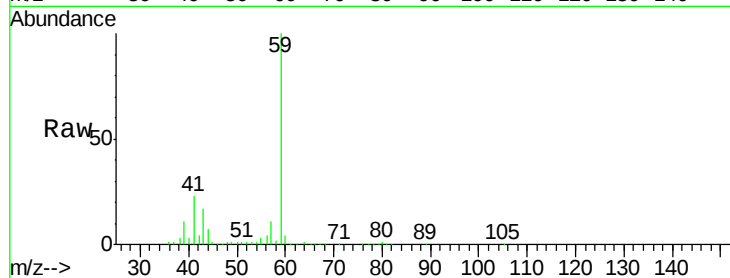




#11
Tert butyl alcohol
Concen: 128.66 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

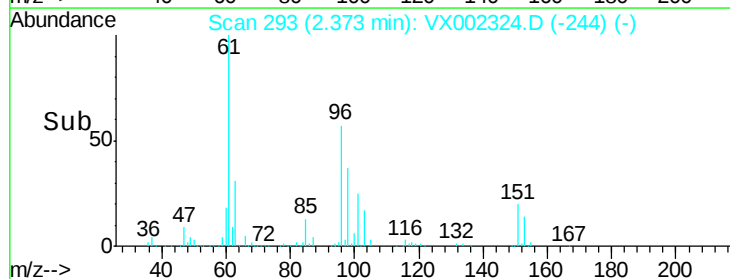
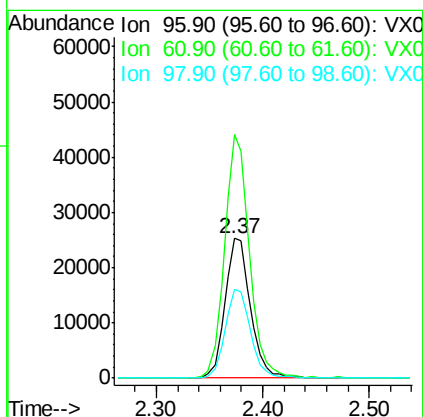
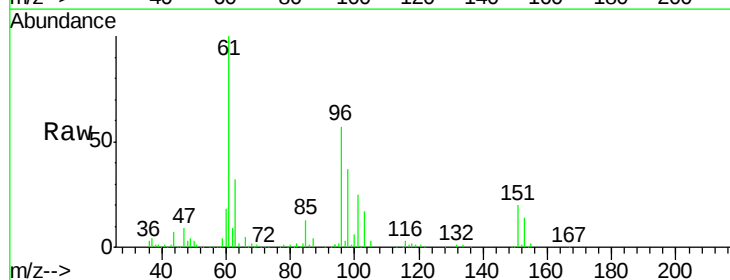
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

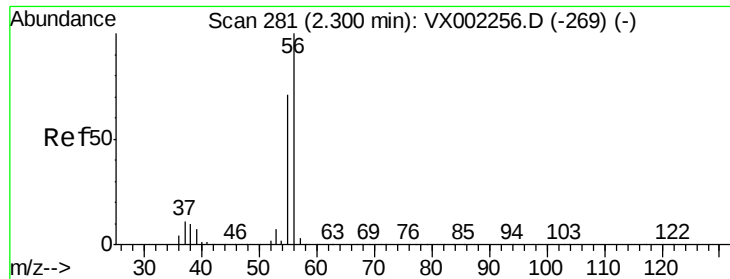
Tot Ion: 59 Resp: 83144
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.40 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 96 Resp: 42371
Ion Ratio Lower Upper
96 100
61 174.1 137.9 206.9
98 63.7 51.6 77.4





#13

Acrolein

Concen: 115.09 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

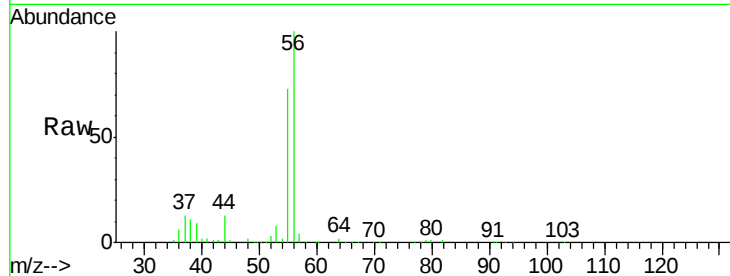
VX0605WBSD02

Tot Ion: 56 Resp: 35063

Ion Ratio Lower Upper

56 100

55 72.4 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

20000

15000

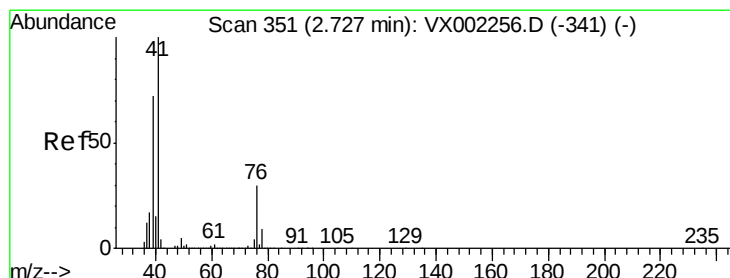
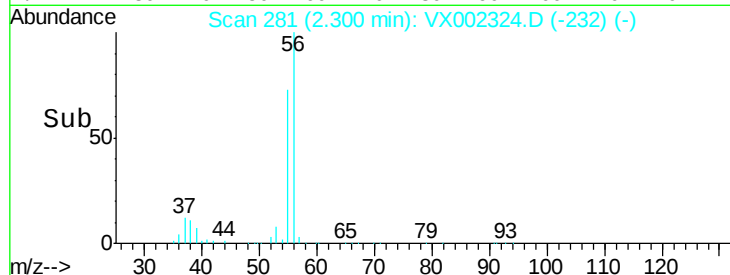
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 19.95 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

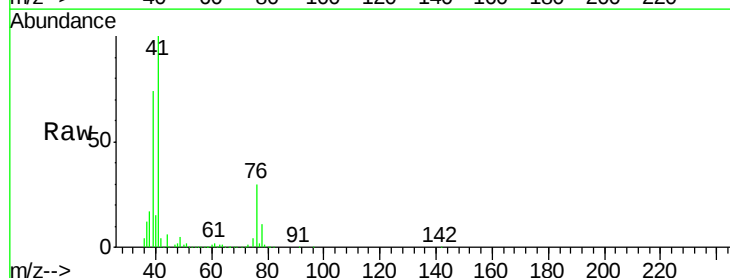
Tgt Ion: 41 Resp: 94553

Ion Ratio Lower Upper

41 100

39 71.0 56.8 85.2

76 29.2 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

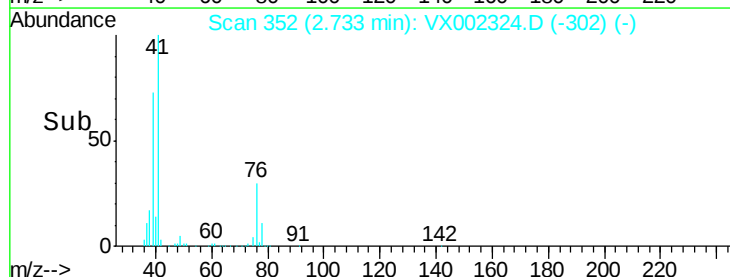
20000

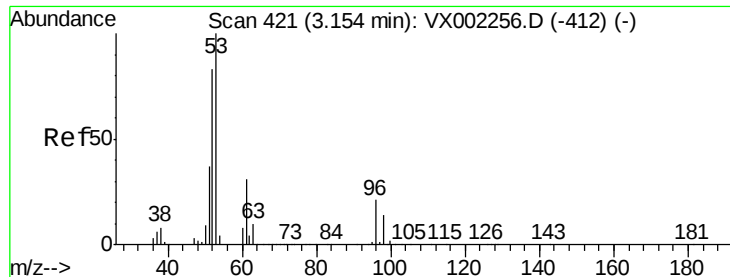
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 126.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleID :

VX0605WBSD02

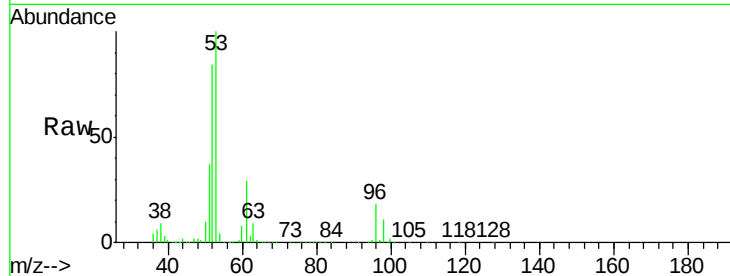
Tot Ion: 53 Resp: 164112

Ion Ratio Lower Upper

53 100

52 84.3 66.7 100.1

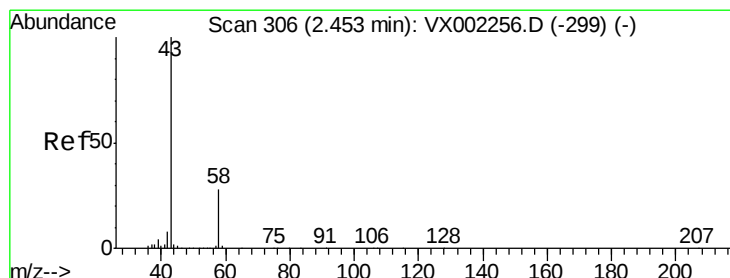
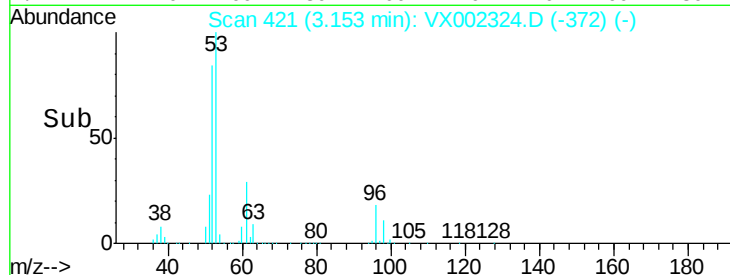
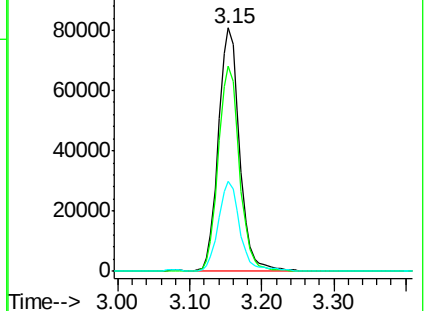
51 37.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 112.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002324.D

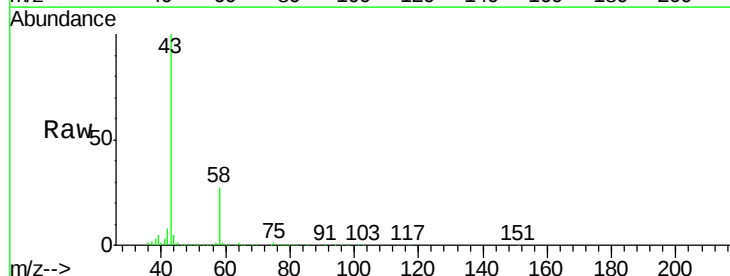
Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 155497

Ion Ratio Lower Upper

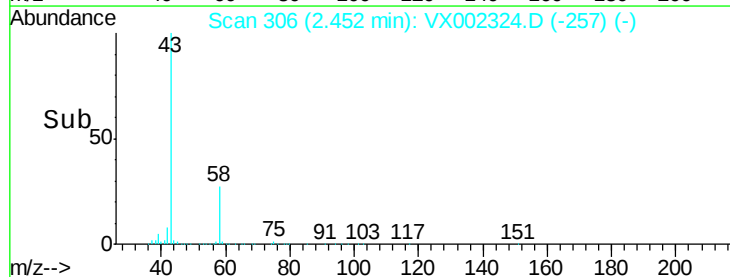
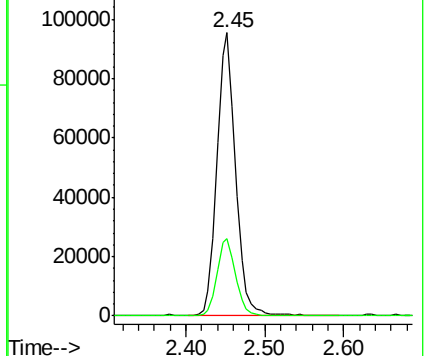
43 100

58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

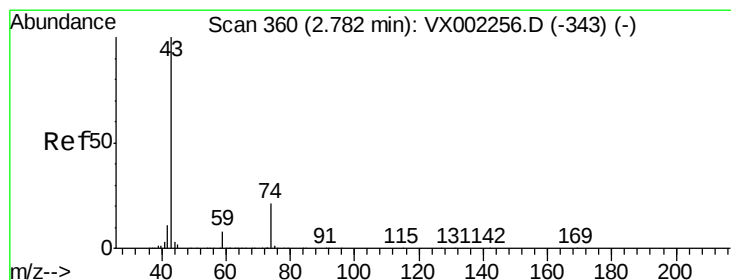
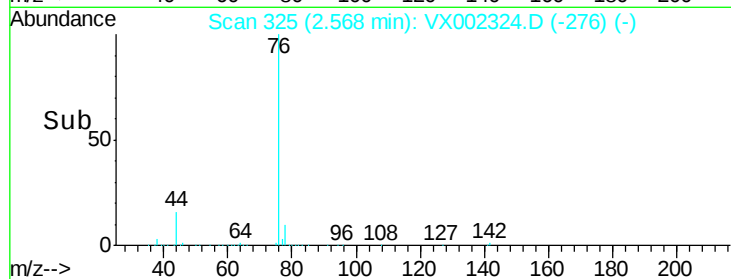
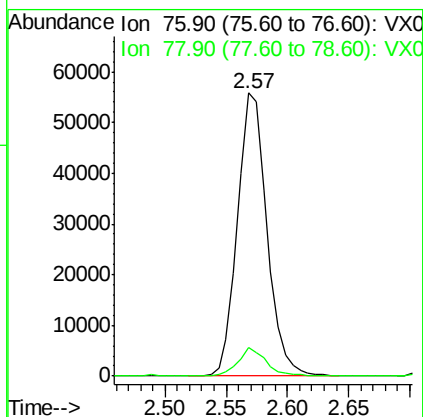
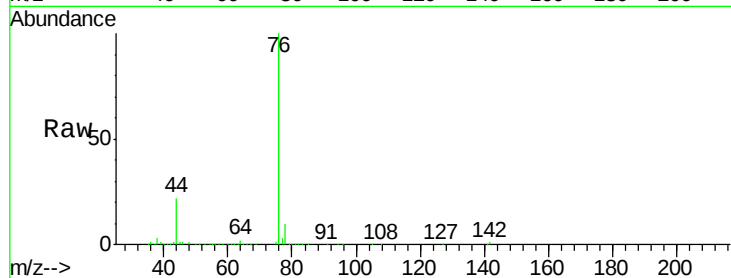




#17
Carbon Disulfide
Concen: 16.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

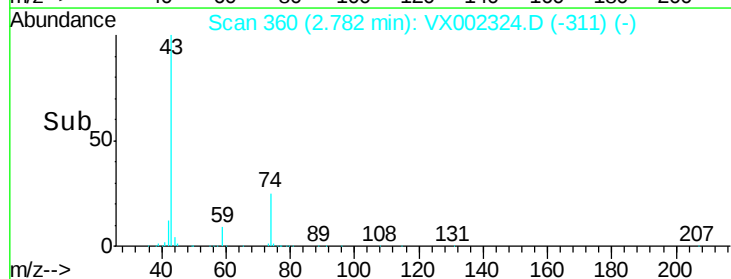
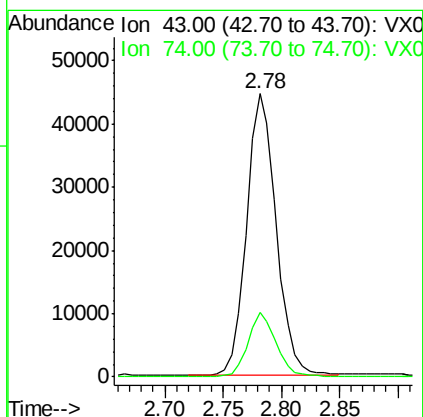
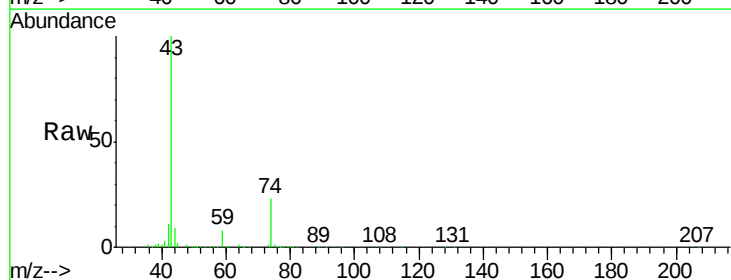
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

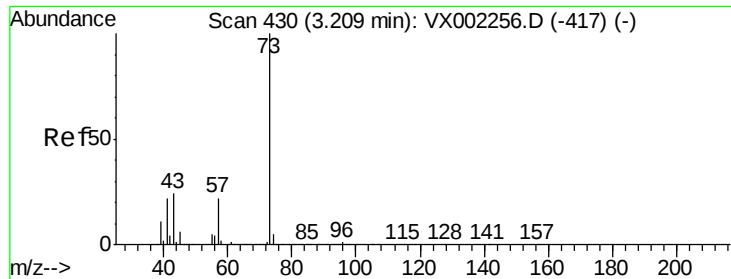
Tot Ion: 76 Resp: 93518
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 25.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 79284
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 24.74 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

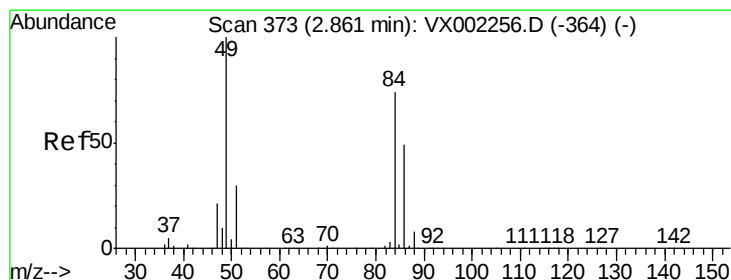
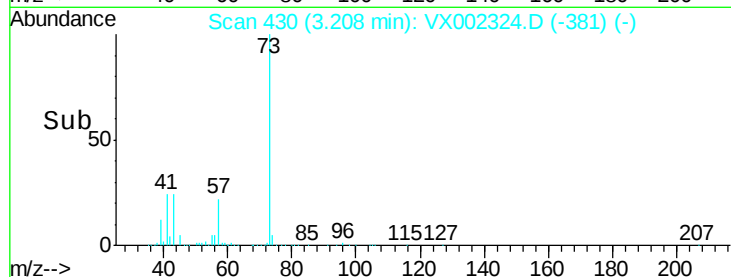
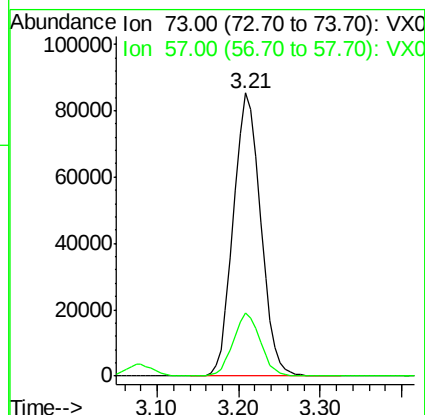
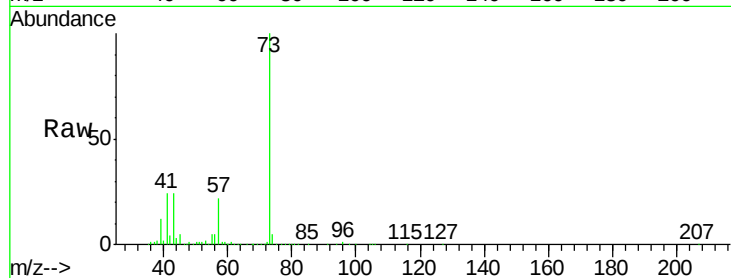
VX0605WBSD02

Tot Ion: 73 Resp: 197366

Ion Ratio Lower Upper

73 100

57 22.4 17.7 26.5



#20

Methylene Chloride

Concen: 24.09 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 84 Resp: 59212

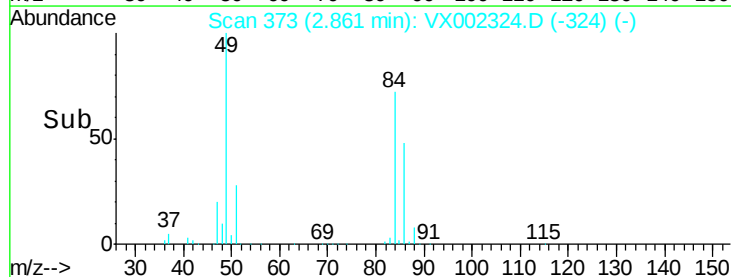
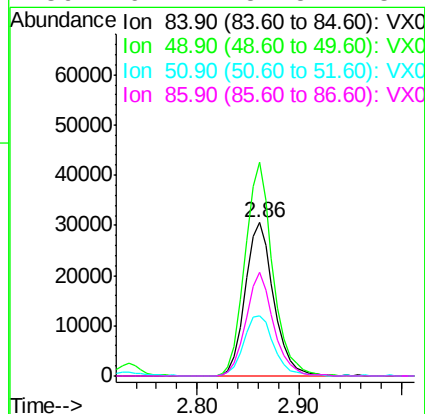
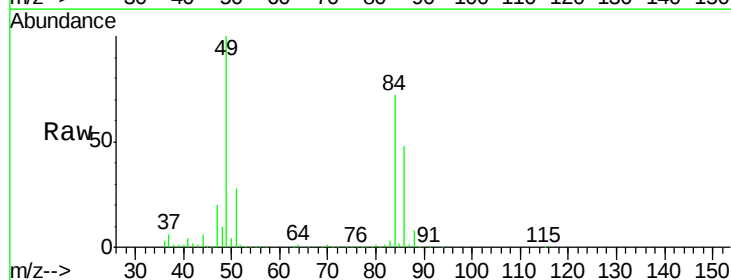
Ion Ratio Lower Upper

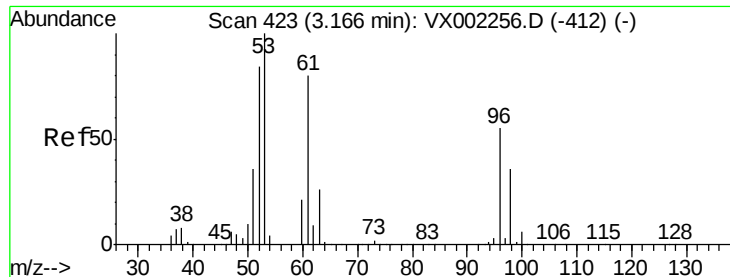
84 100

49 139.1 107.8 161.6

51 39.1 32.8 49.2

86 67.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

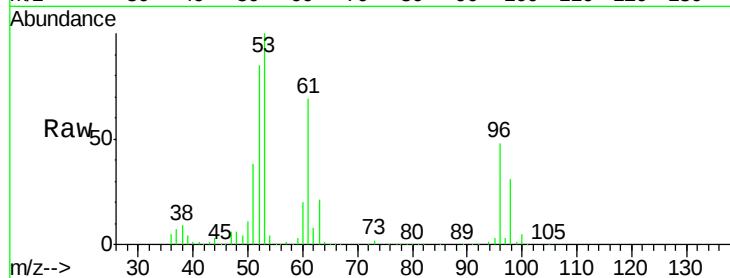
Tot Ion: 96 Resp: 49594

Ion Ratio Lower Upper

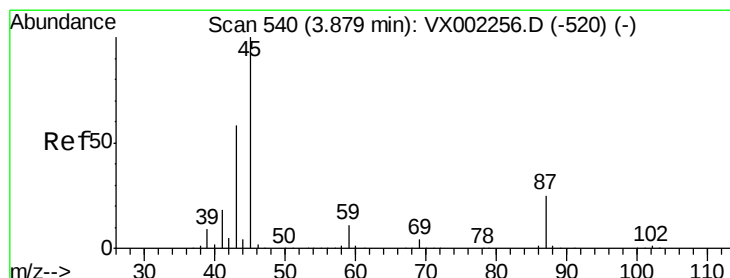
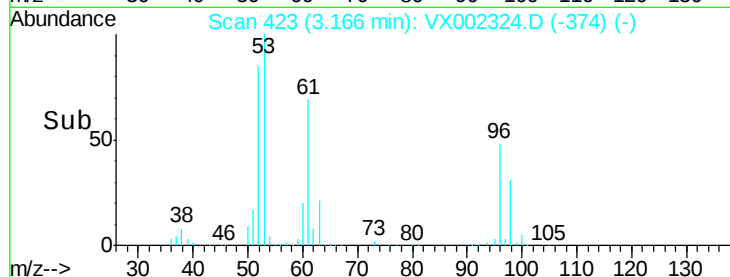
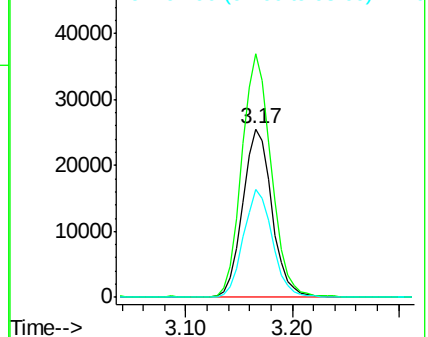
96 100

61 144.6 117.0 175.4

98 64.1 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: 21.55 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 45 Resp: 177372

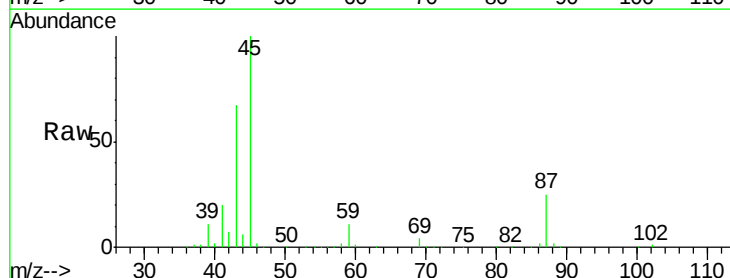
Ion Ratio Lower Upper

45 100

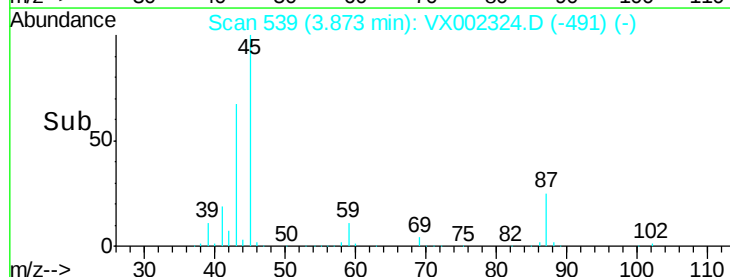
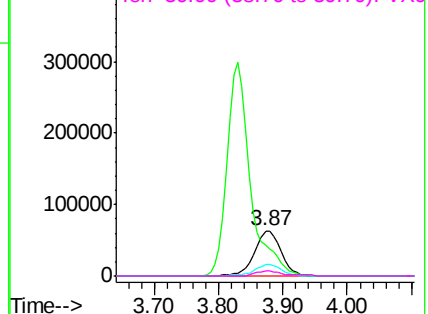
43 67.2 46.8 70.2

87 24.7 20.2 30.4

59 11.0 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: 99.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

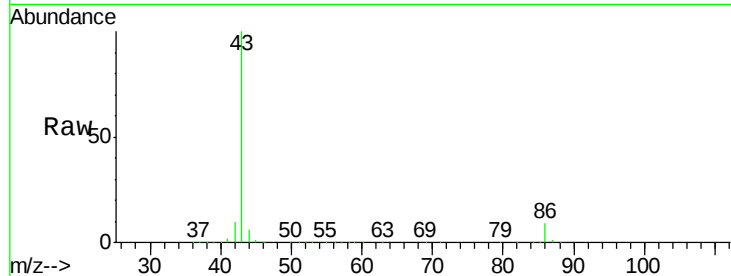
VX0605WBSD02

Tot Ion: 43 Resp: 765320

Ion Ratio Lower Upper

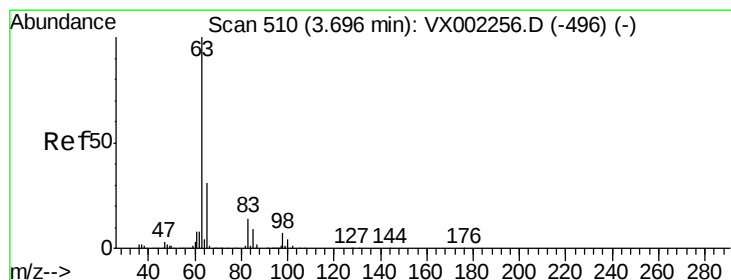
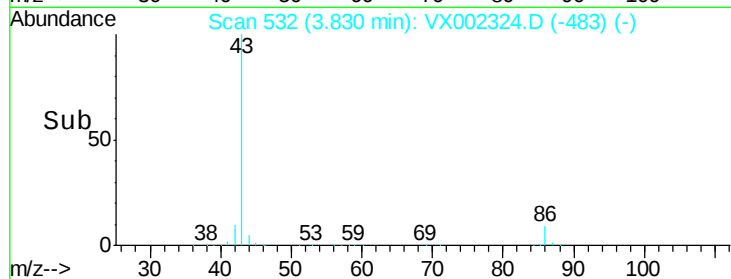
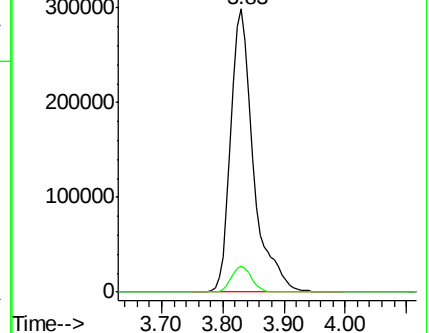
43 100

86 9.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.72 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

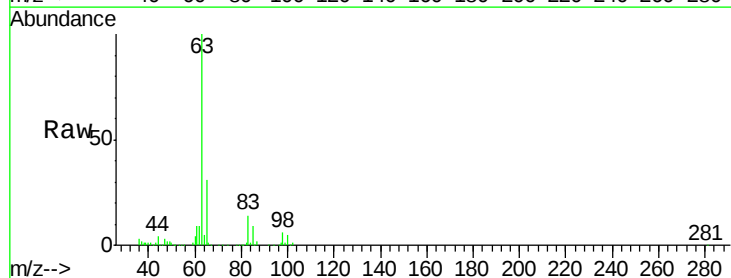
Tgt Ion: 63 Resp: 101753

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

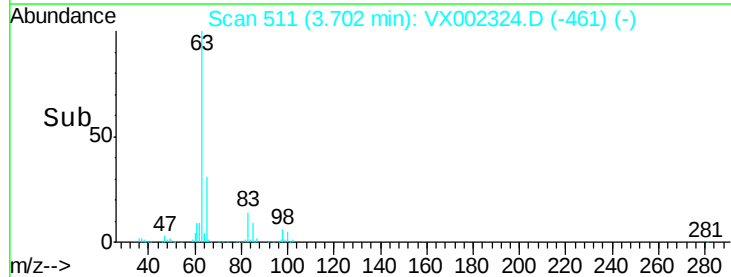
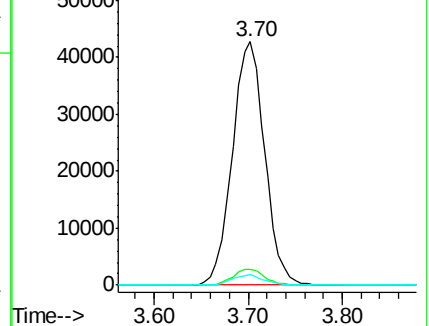
100 4.5 2.0 6.0

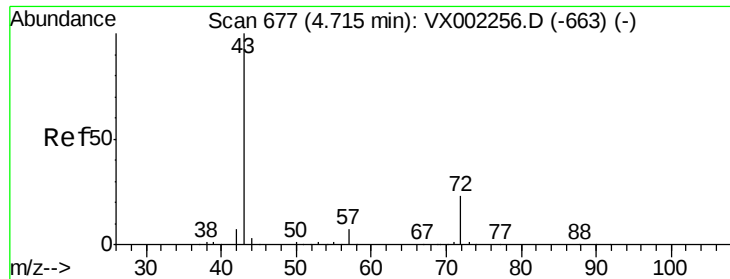


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

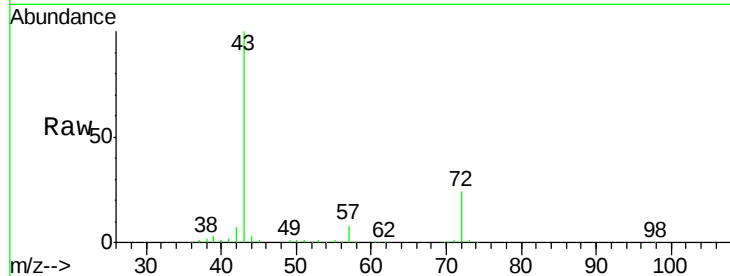
VX0605WBSD02

Tot Ion: 43 Resp: 209352

Ion Ratio Lower Upper

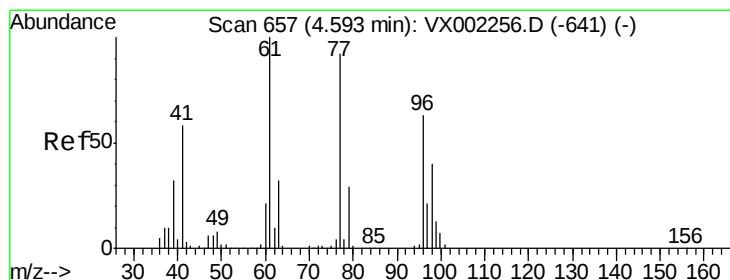
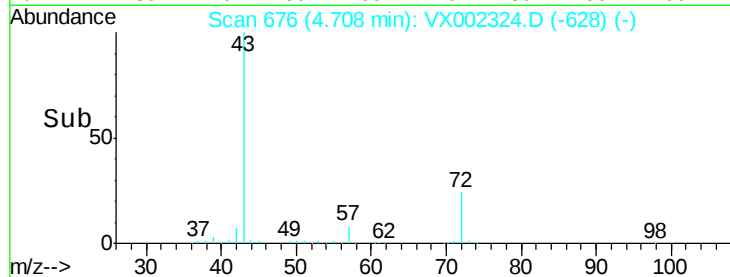
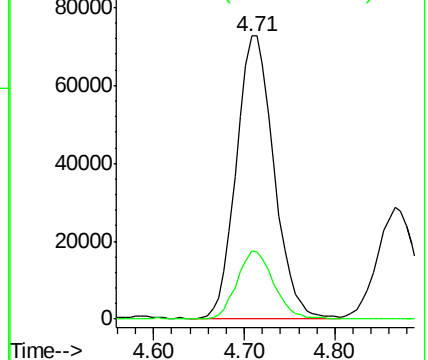
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.56 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002324.D

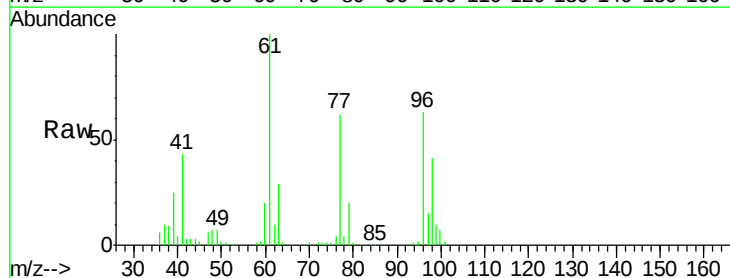
Acq: 06 Jun 2018 00:24

Tgt Ion: 77 Resp: 49668

Ion Ratio Lower Upper

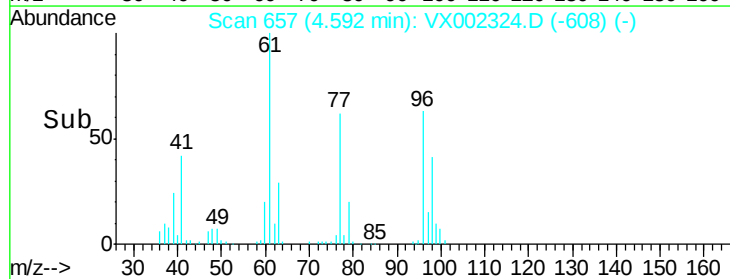
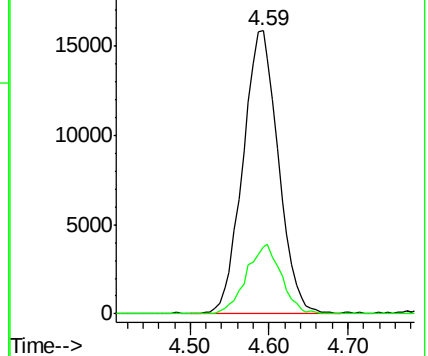
77 100

97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

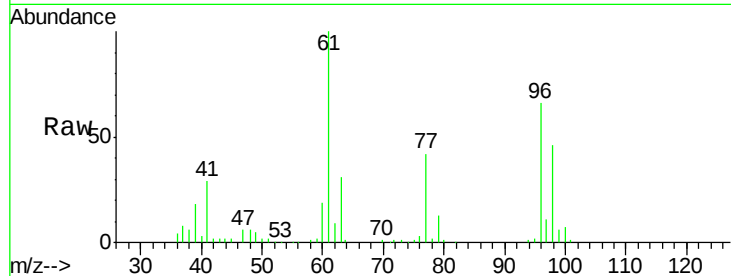
Tot Ion: 96 Resp: 53169

Ion Ratio Lower Upper

96 100

61 159.5 0.0 330.2

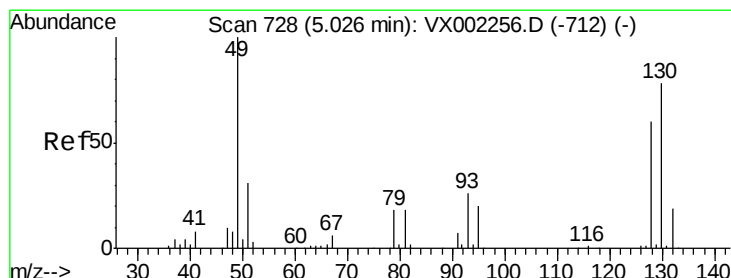
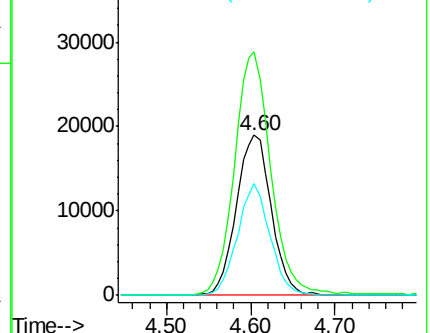
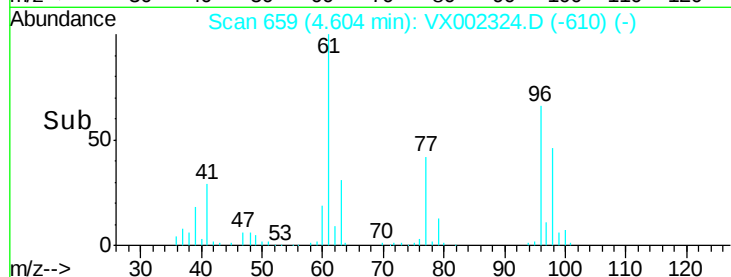
98 64.9 0.0 130.2



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: 22.31 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

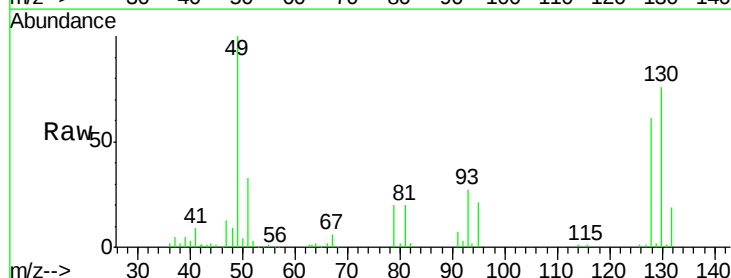
Tgt Ion: 49 Resp: 48376

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

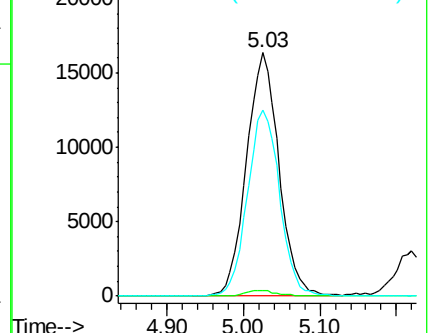
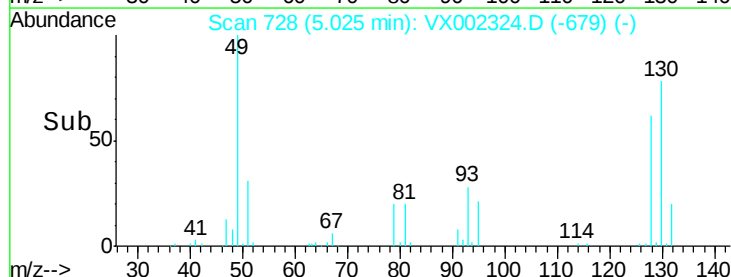
130 75.5 61.2 91.8

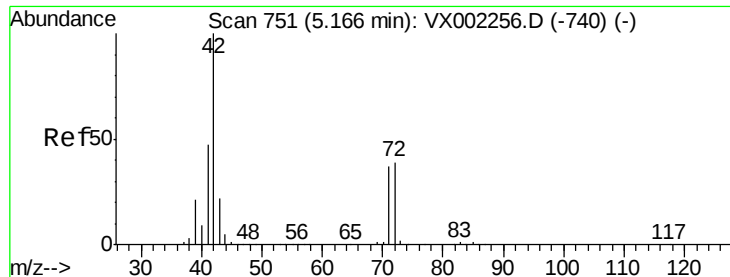


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

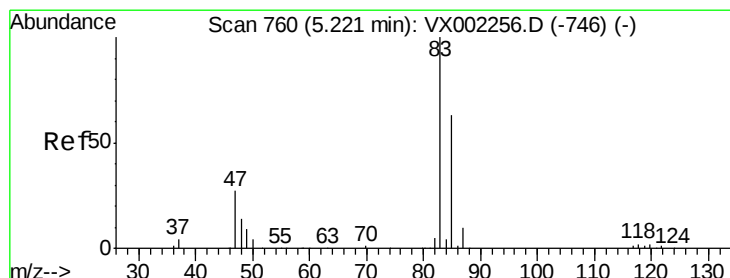
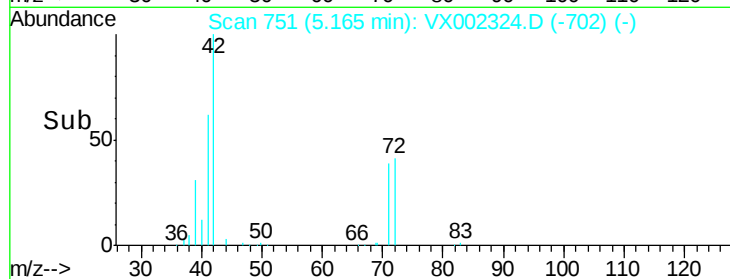
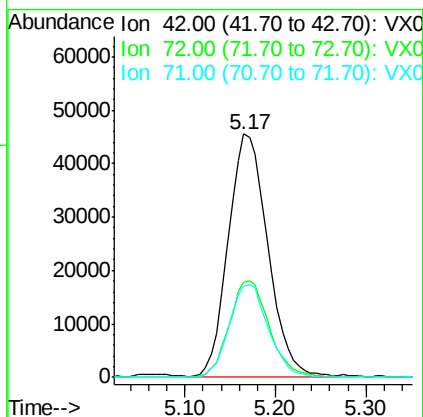
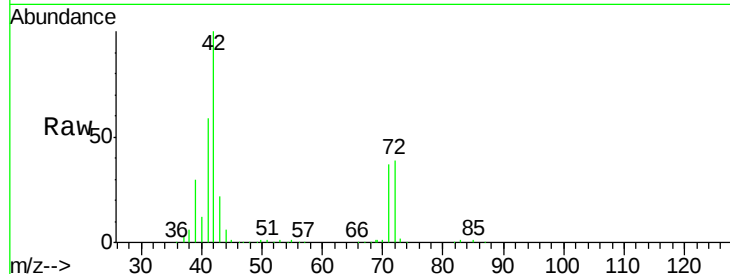




#29
Tetrahydrofuran
Concen: 105.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

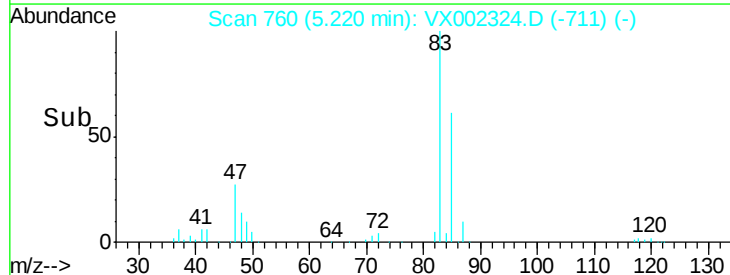
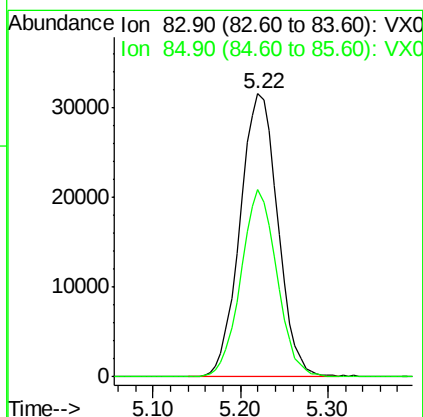
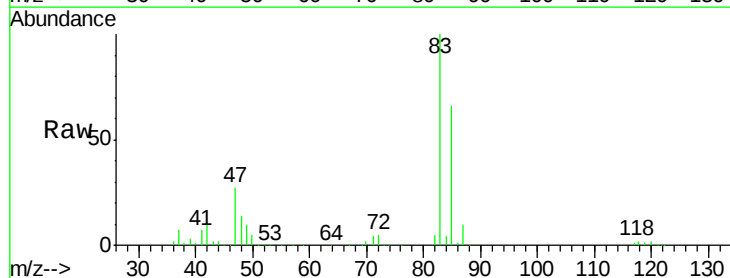
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 42 Resp: 137215
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 20.99 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 83 Resp: 94902
Ion Ratio Lower Upper
83 100
85 66.2 50.4 75.6





#31

Cyclohexane

Concen: 14.79 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

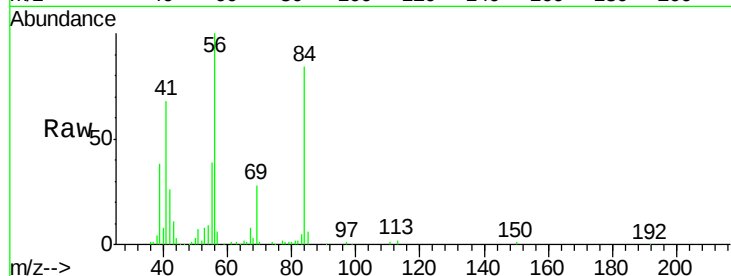
Tot Ion: 56 Resp: 54798

Ion Ratio Lower Upper

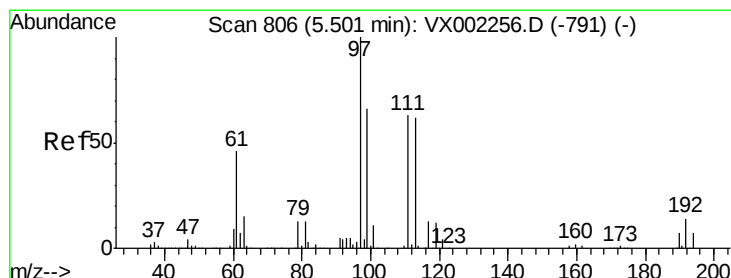
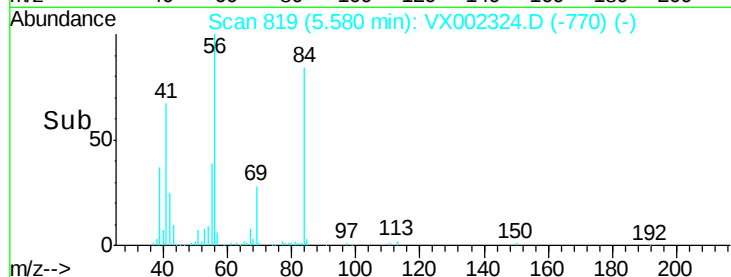
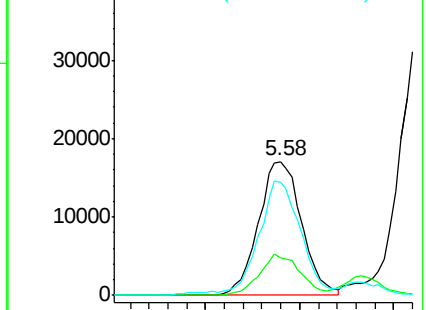
56 100

69 28.2 23.7 35.5

84 82.5 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: 18.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

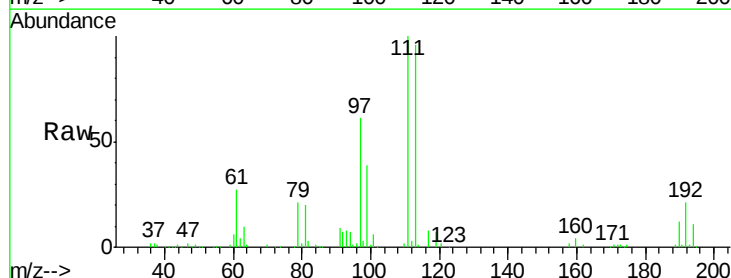
Tgt Ion: 97 Resp: 70824

Ion Ratio Lower Upper

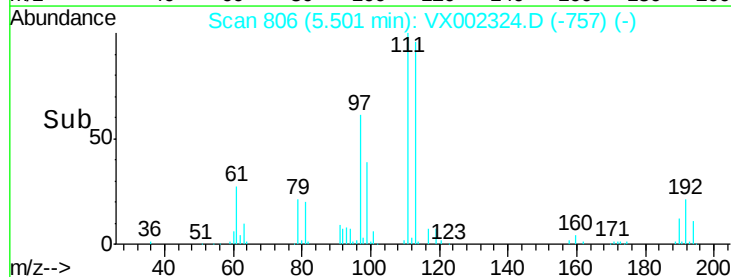
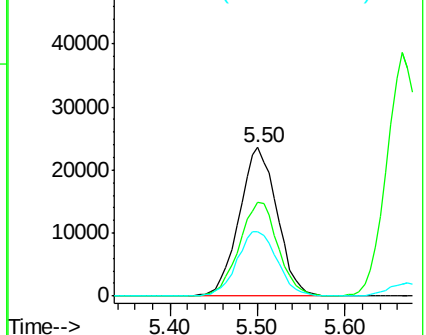
97 100

99 64.5 51.6 77.4

61 46.3 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

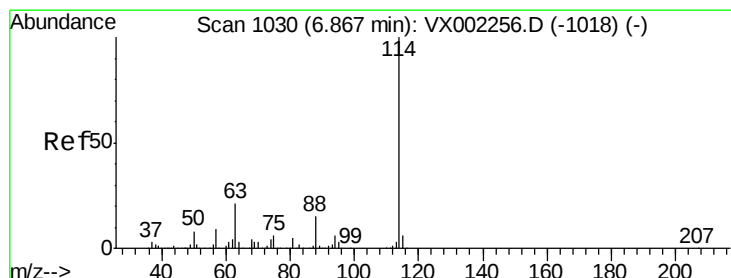
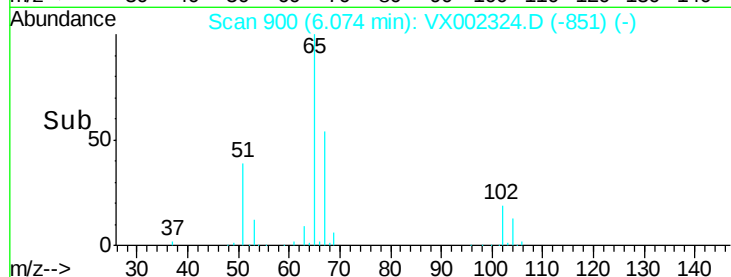
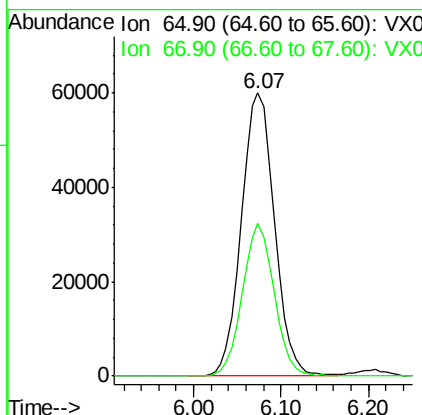
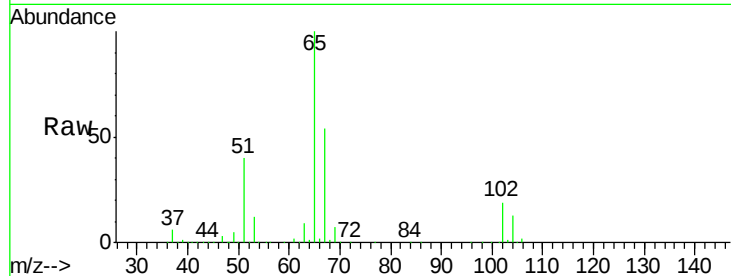




#33
 1,2-Dichloroethane-d4
 Concen: 54.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

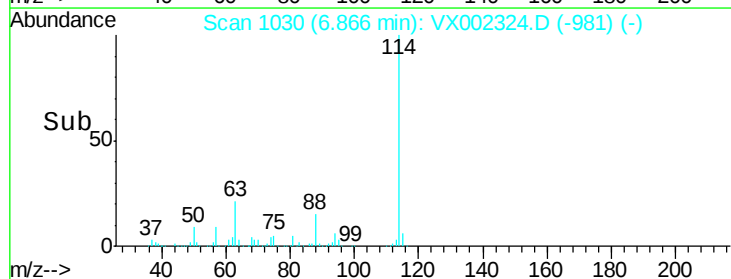
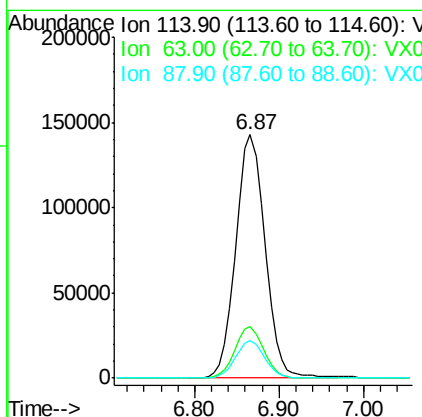
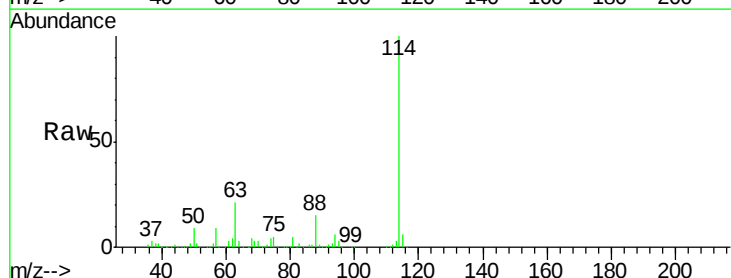
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

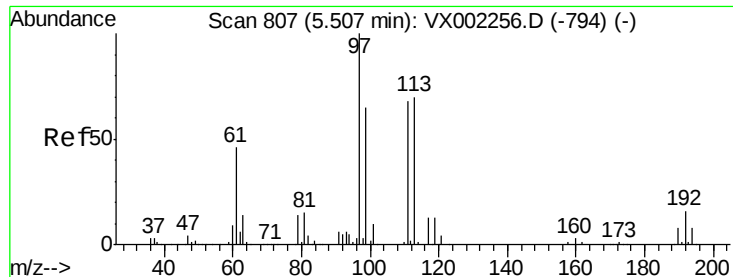
Tot Ion: 65 Resp: 157921
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 114 Resp: 336061
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 43.89 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

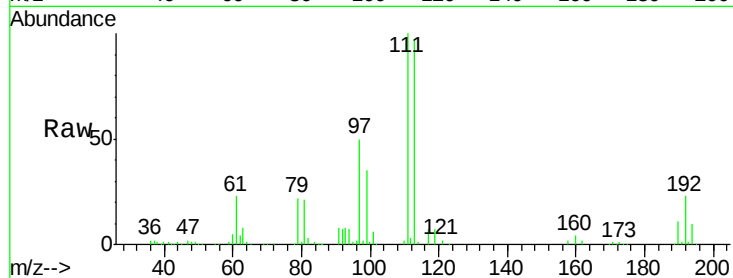
Tot Ion:113 Resp: 115990

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

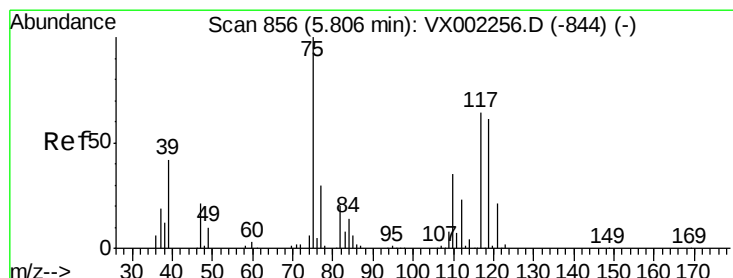
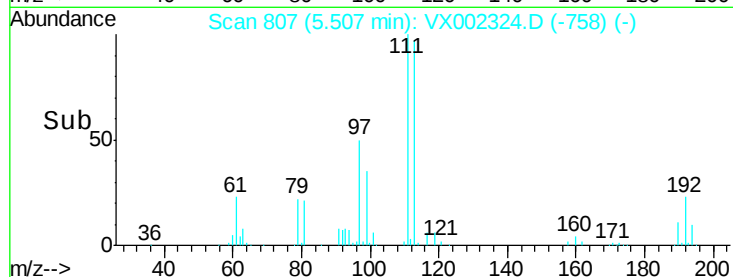
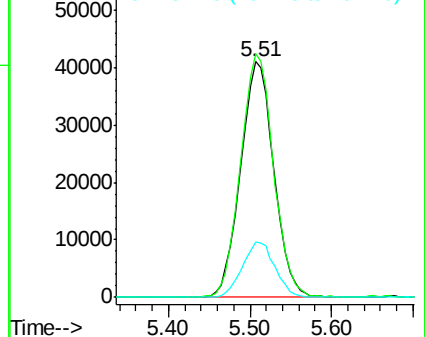
192 23.2 19.1 28.7



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: 16.15 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

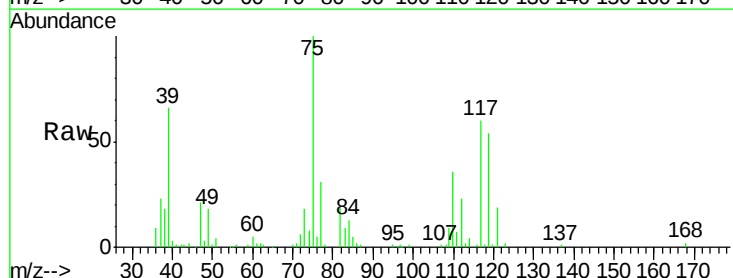
Tgt Ion: 75 Resp: 57071

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

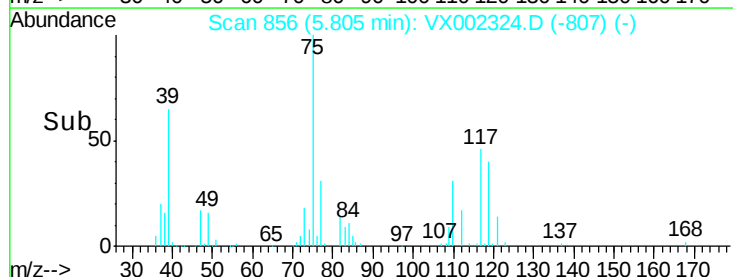
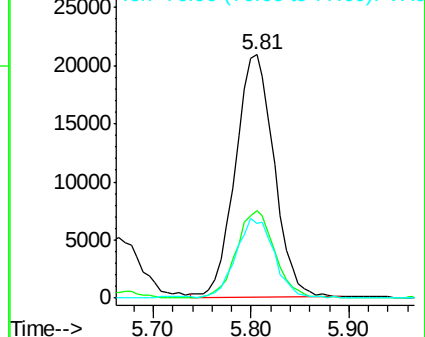
77 32.7 24.3 36.5

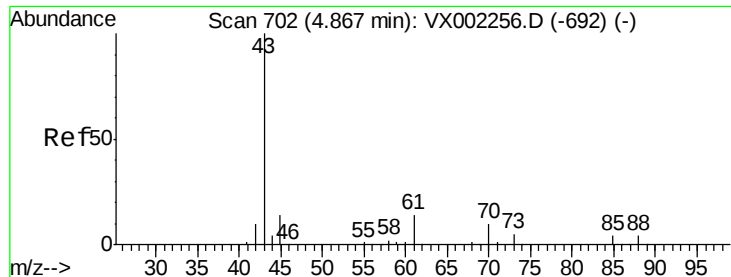


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

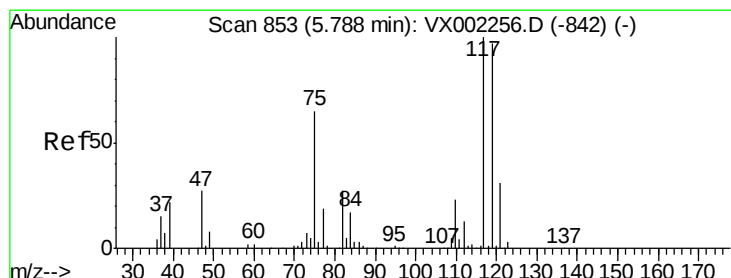
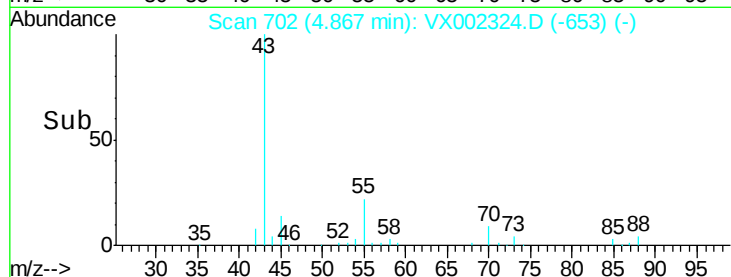
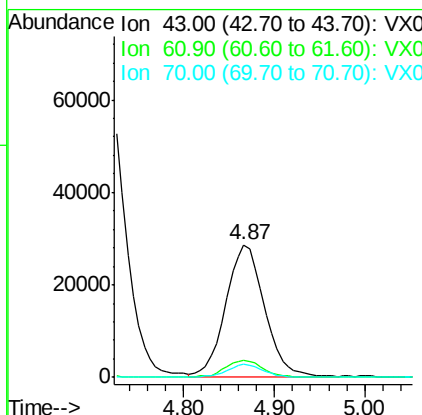
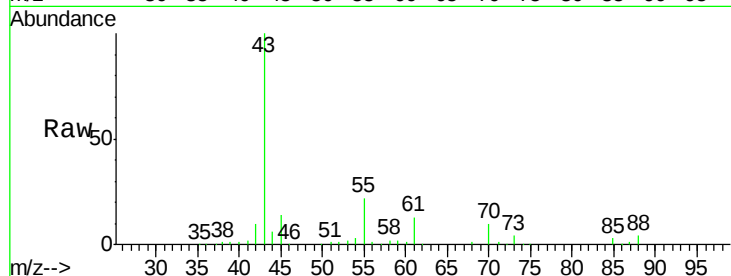




#37
Ethyl Acetate
Concen: 19.80 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

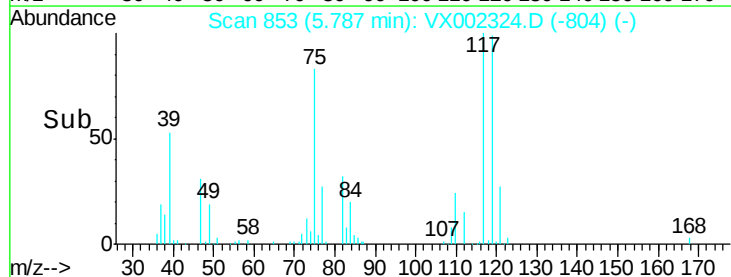
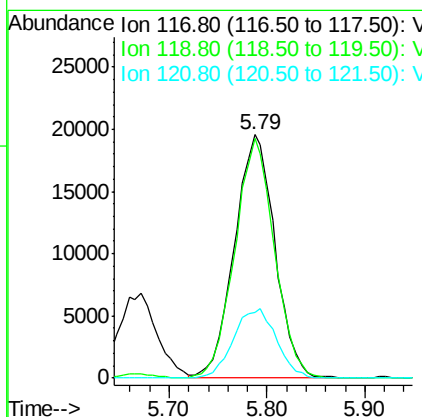
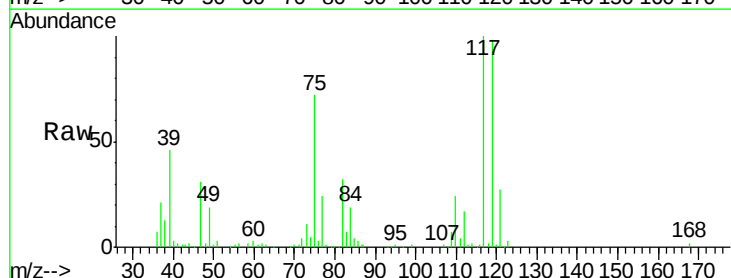
Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

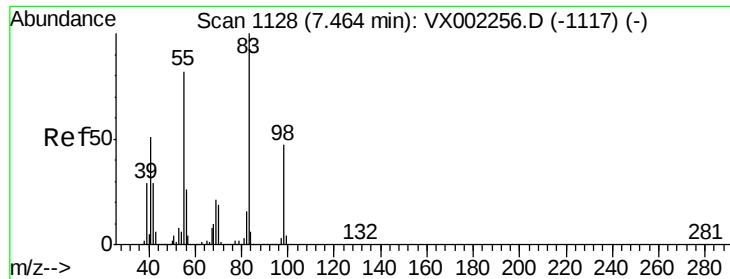
Tot Ion: 43 Resp: 84133
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 15.21 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 117 Resp: 56220
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
121 27.2 24.4 36.6

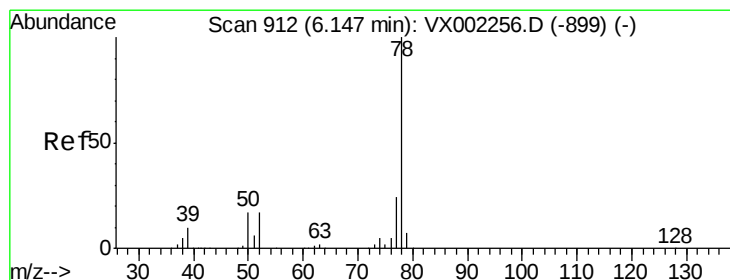
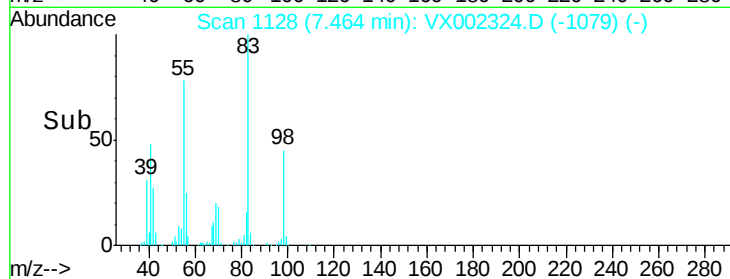
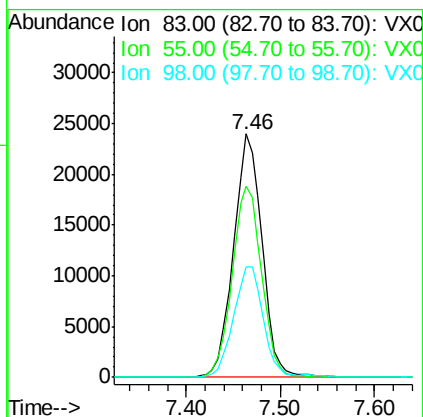
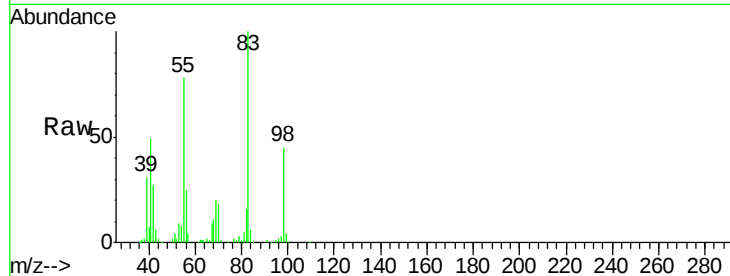




#39
Methvlcvclohexane
Concen: 11.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

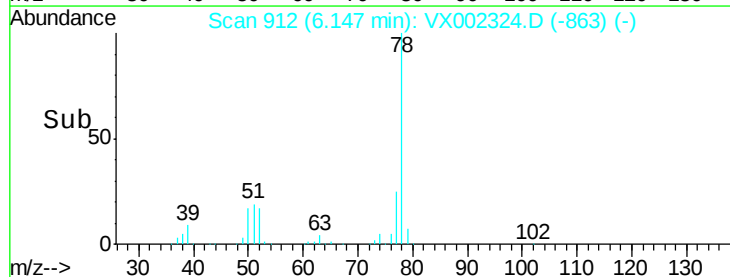
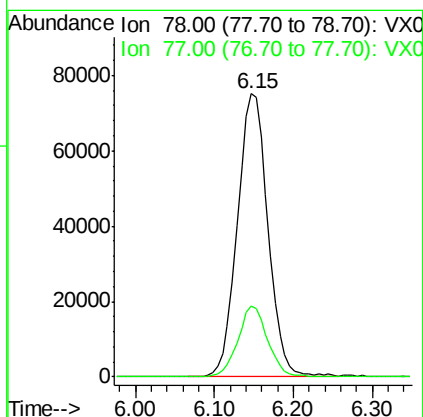
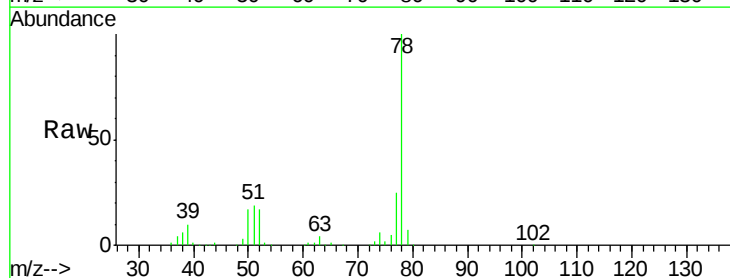
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

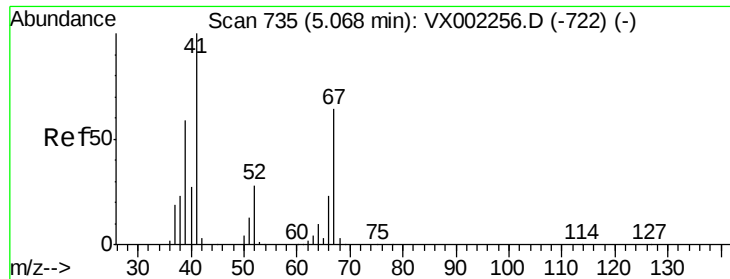
Tot Ion: 83 Resp: 50485
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 45.2 37.4 56.0



#40
Benzene
Concen: 18.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 78 Resp: 202877
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7

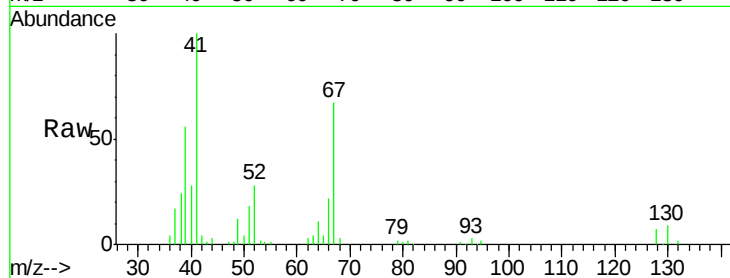




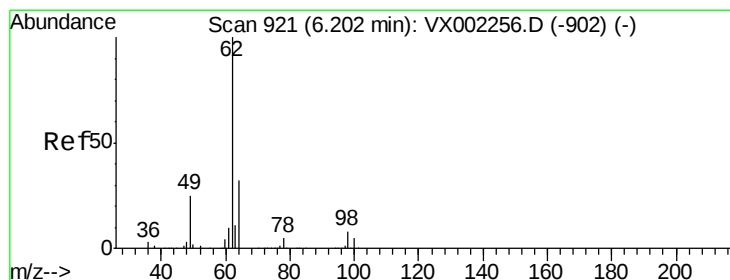
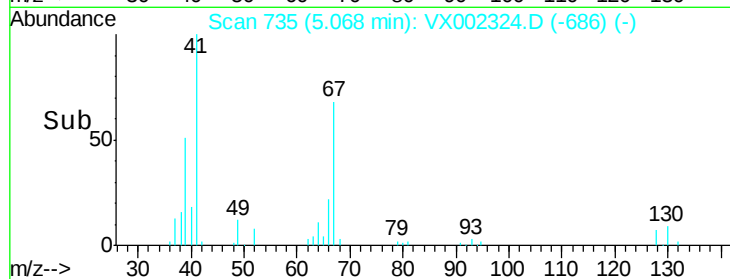
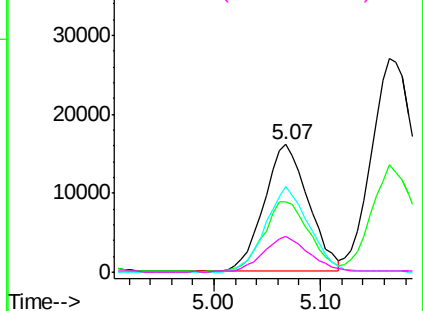
#41
Methacrylonitrile
Concen: 19.22 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:	41	Resp:	46736
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	66.6	51.3	76.9
52	30.2	23.0	34.6

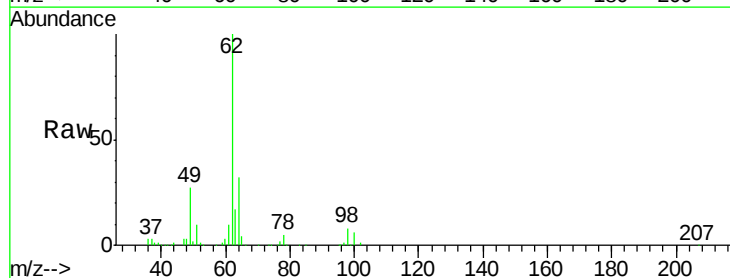


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

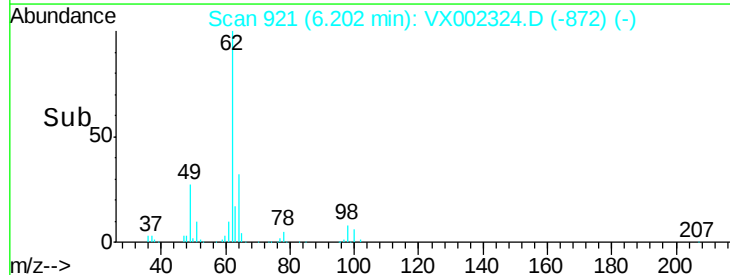
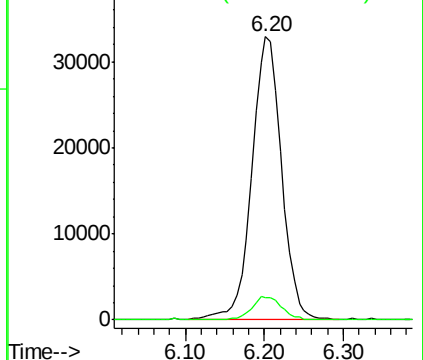


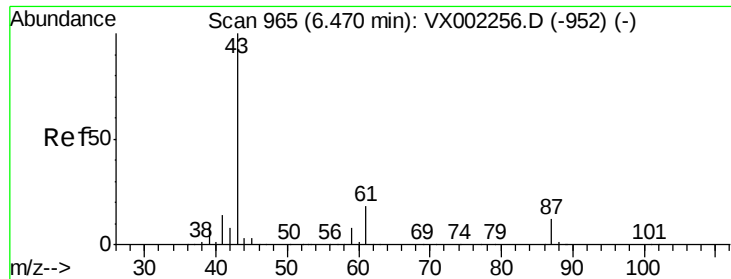
#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:	62	Resp:	86242
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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



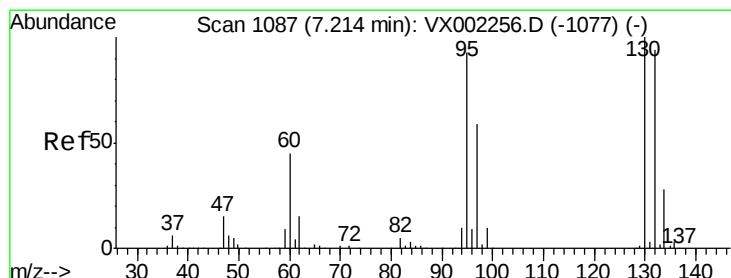
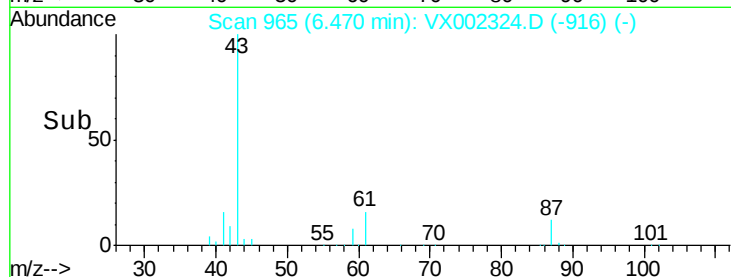
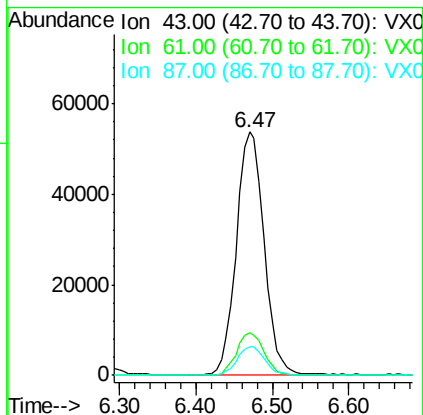
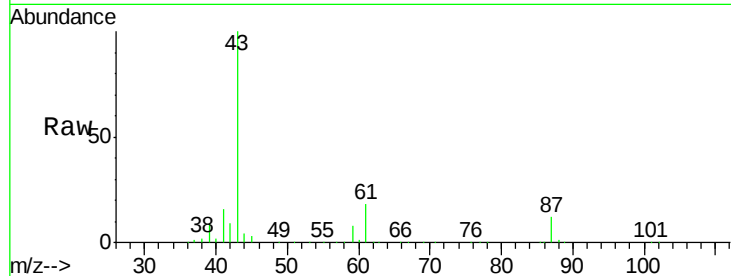


#43

Isopropyl Acetate
 Concen: 18.68 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

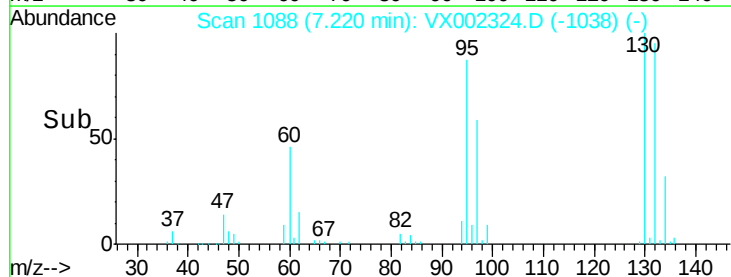
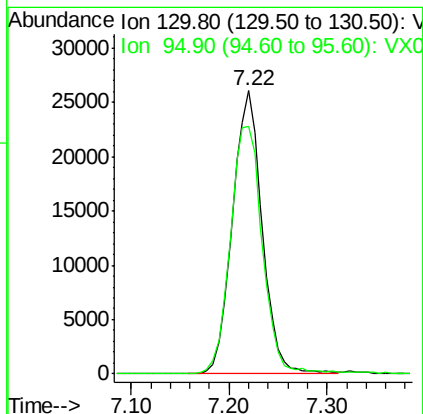
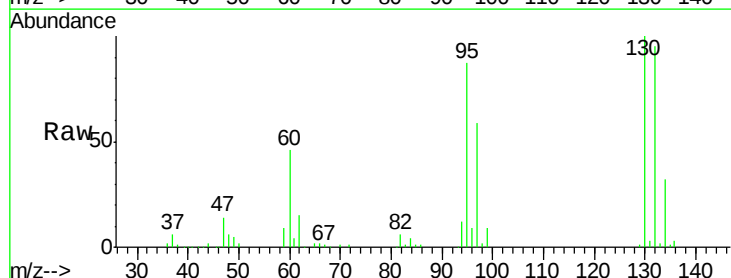
Tot Ion: 43 Resp: 134841
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.4 21.6
 87 11.8 9.5 14.3

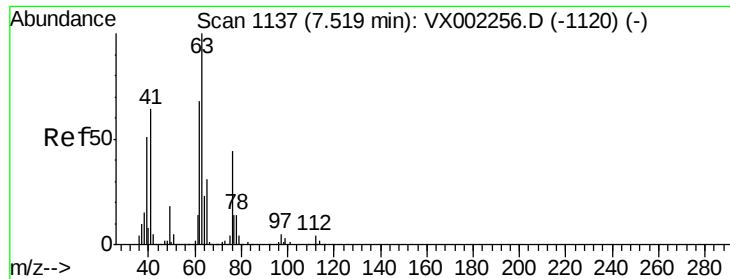


#44

Trichloroethene
 Concen: 18.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion:130 Resp: 54699
 Ion Ratio Lower Upper
 130 100
 95 87.1 0.0 185.4

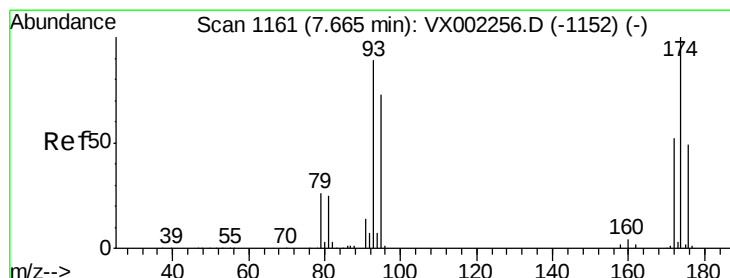
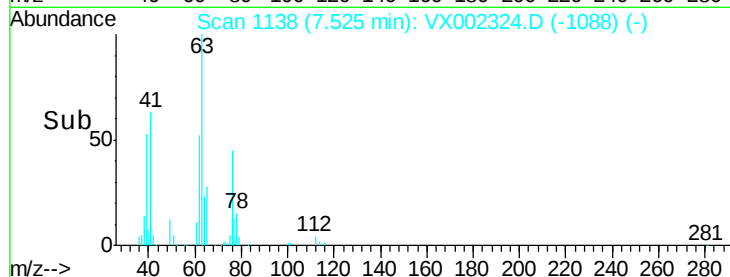
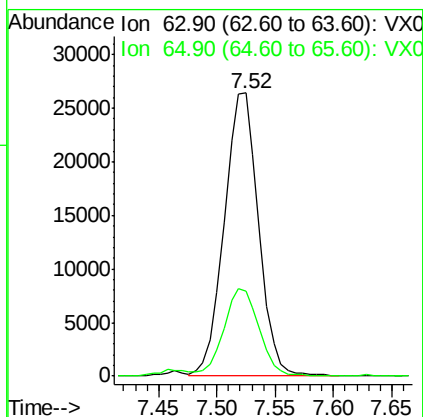
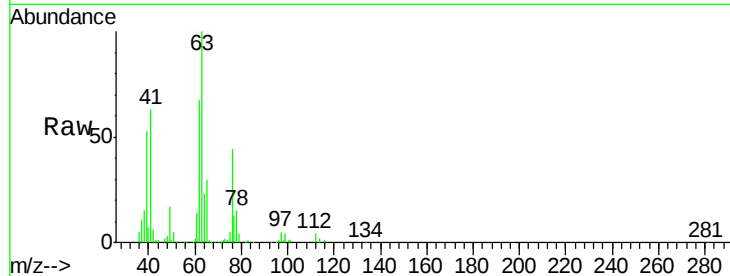




#45
 1,2-Dichloropropane
 Concen: 18.25 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

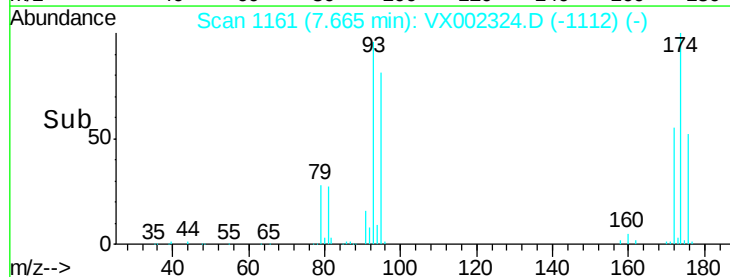
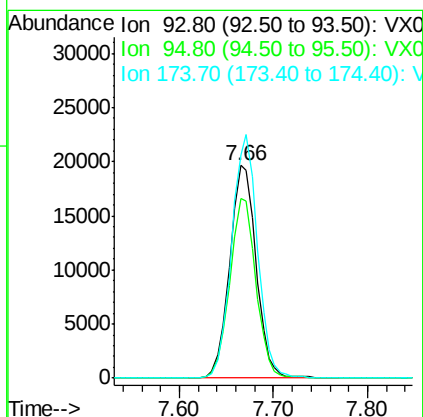
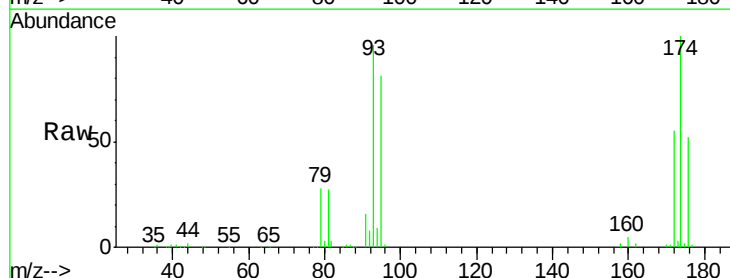
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion: 63 Resp: 53374
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.36 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 93 Resp: 38384
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 111.8 92.4 138.6

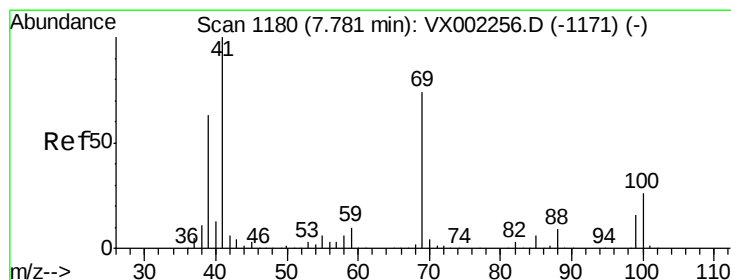
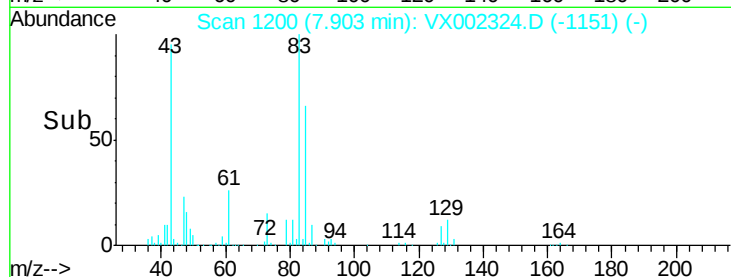
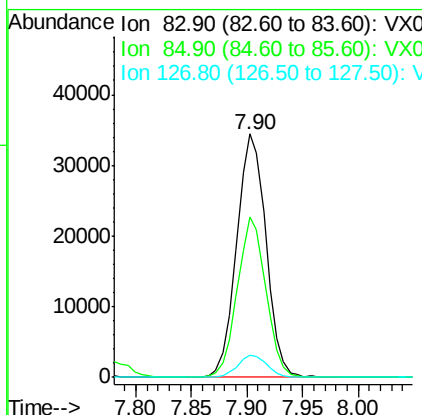
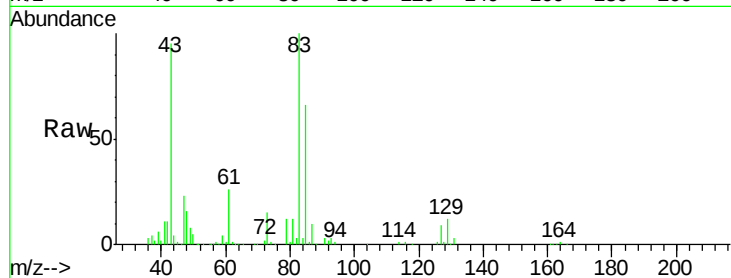




#47
 Bromodichloromethane
 Concen: 17.56 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

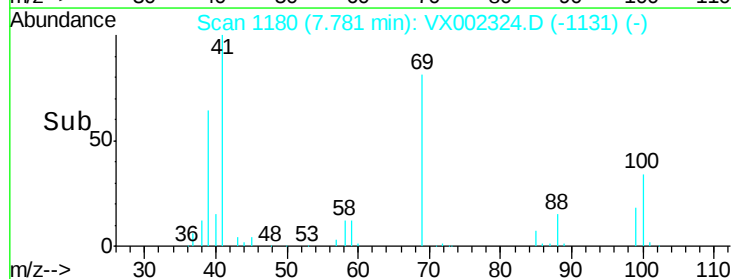
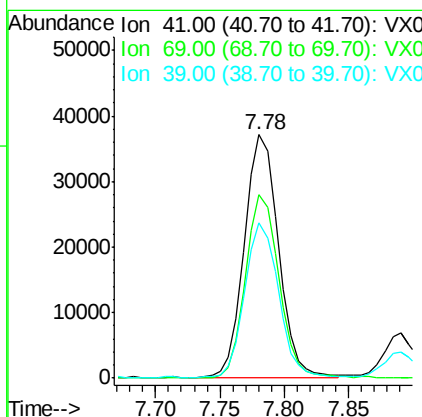
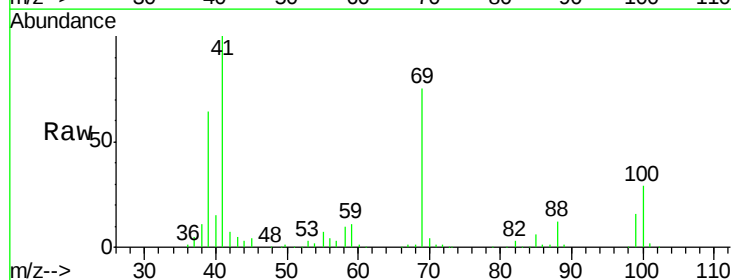
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

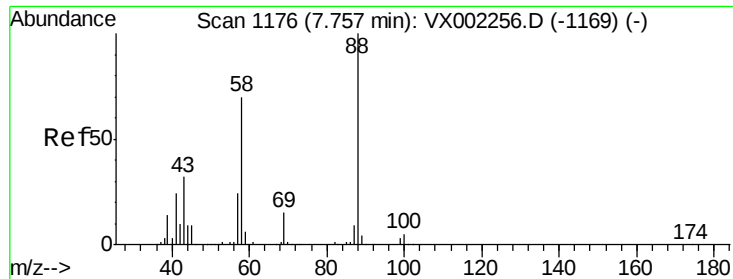
Tot Ion: 83 Resp: 62967
 Ion Ratio Lower Upper
 83 100
 85 66.1 50.3 75.5
 127 9.1 7.0 10.4



#48
 Methyl methacrylate
 Concen: 18.68 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 41 Resp: 67724
 Ion Ratio Lower Upper
 41 100
 69 75.1 59.1 88.7
 39 63.1 48.9 73.3

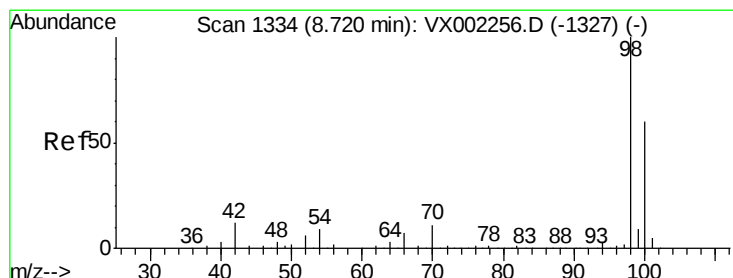
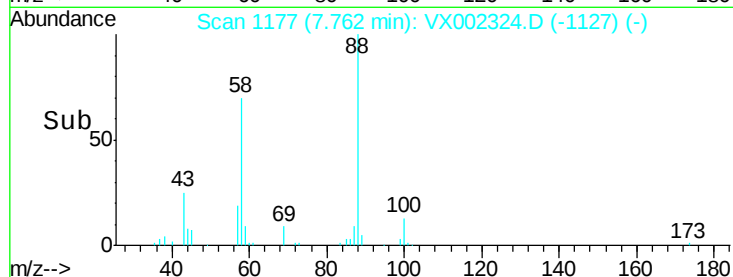
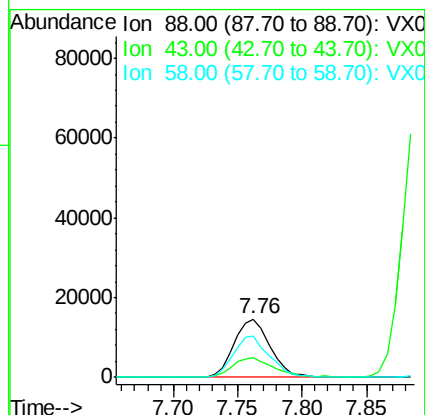
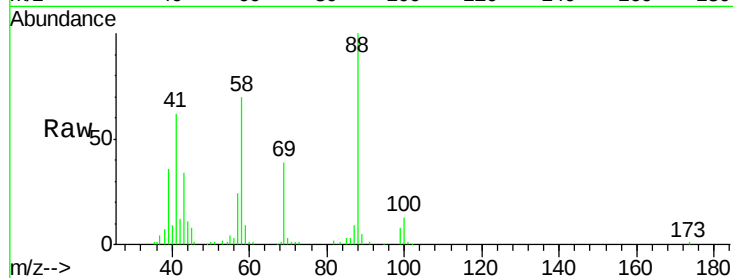




#49
1,4-Dioxane
Concen: 418.91 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

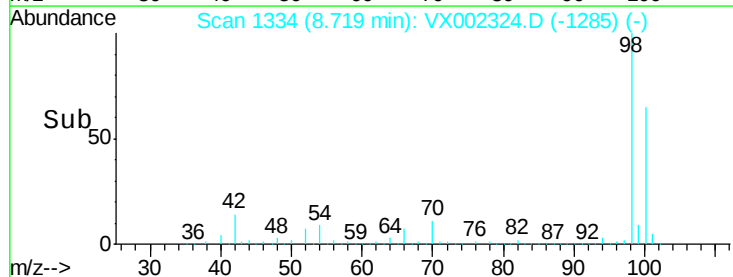
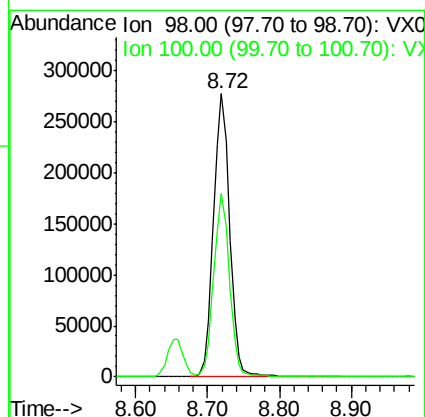
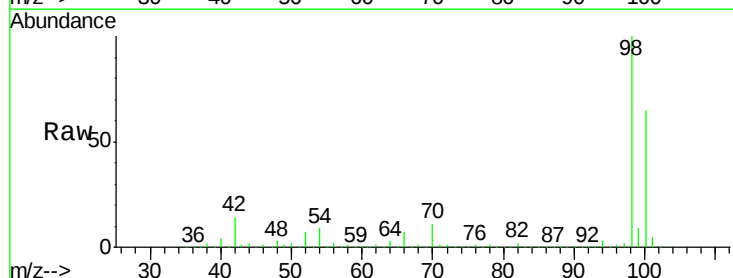
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 88 Resp: 28393
Ion Ratio Lower Upper
88 100
43 37.0 29.8 44.6
58 71.5 57.1 85.7



#50
Toluene-d8
Concen: 42.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 98 Resp: 430520
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 98.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

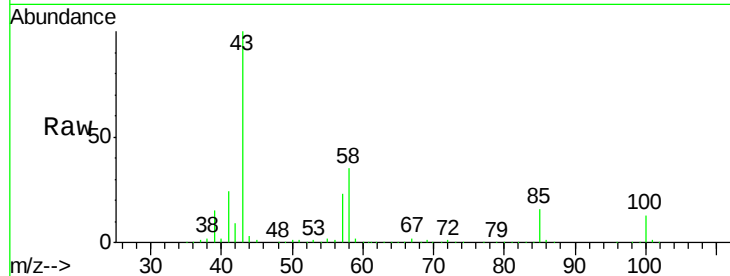
VX0605WBSD02

Tot Ion: 43 Resp: 444151

Ion Ratio Lower Upper

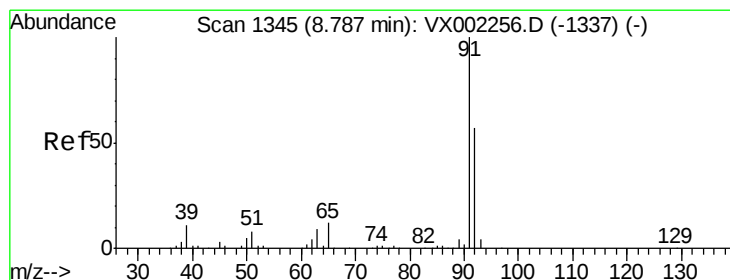
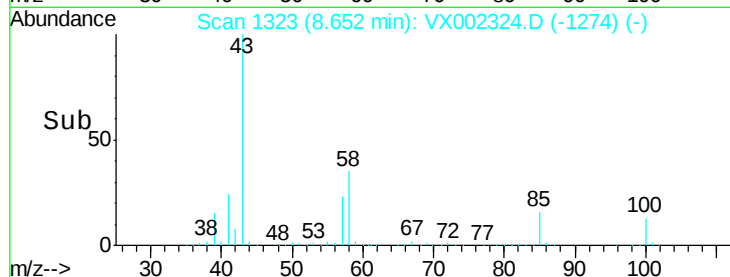
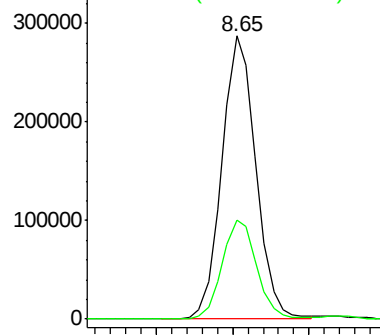
43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002324.D

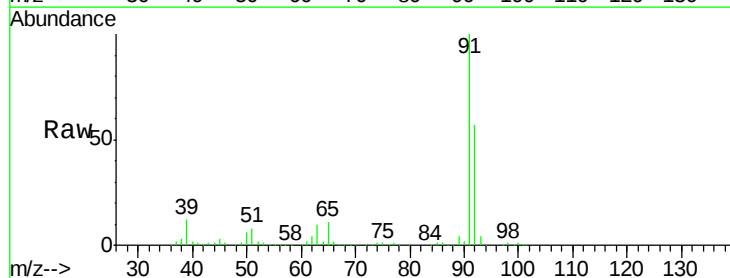
Acq: 06 Jun 2018 00:24

Tgt Ion: 92 Resp: 129530

Ion Ratio Lower Upper

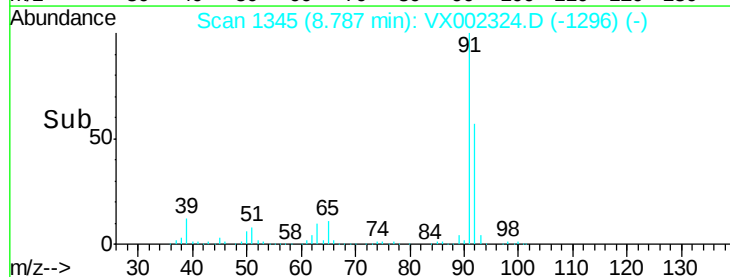
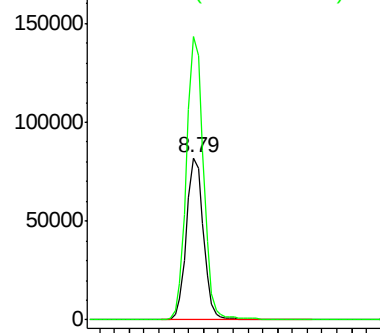
92 100

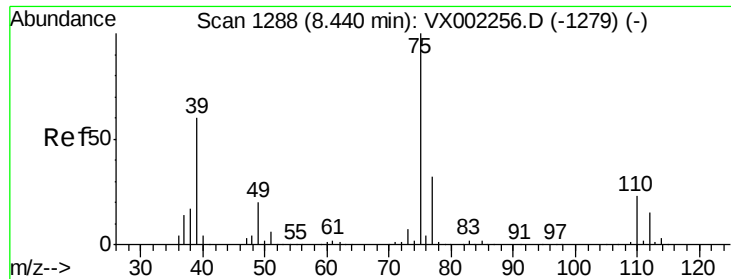
91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.18 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

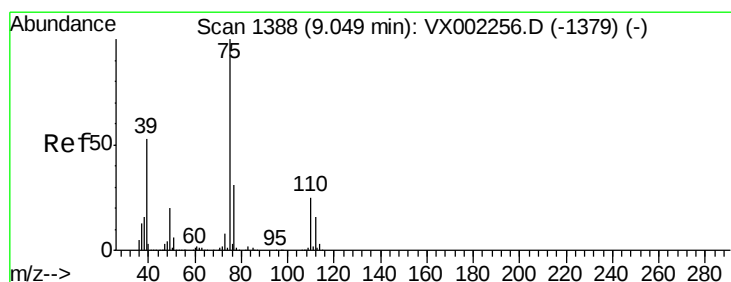
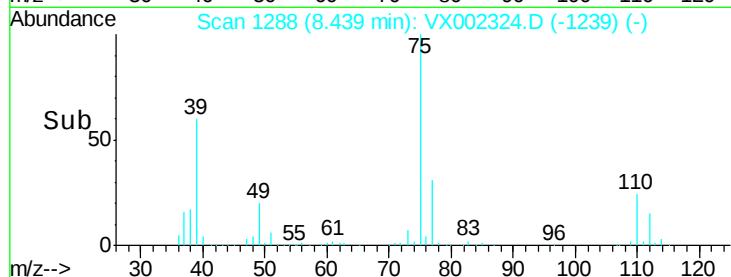
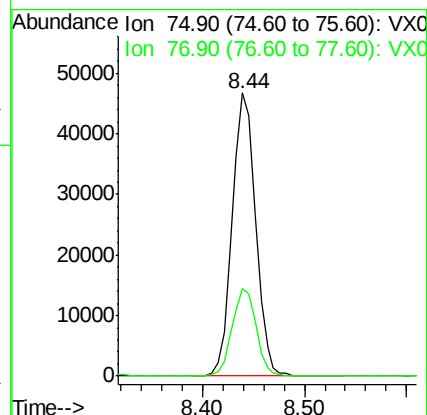
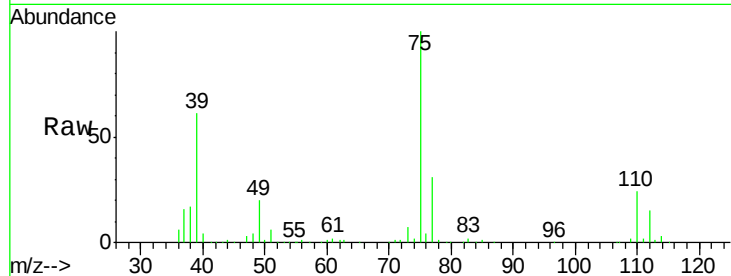
VX0605WBSD02

Tot Ion: 75 Resp: 73862

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.28 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

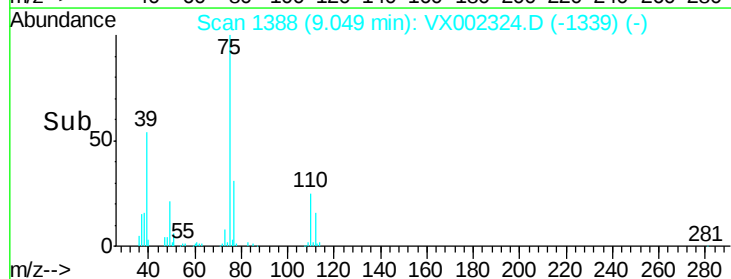
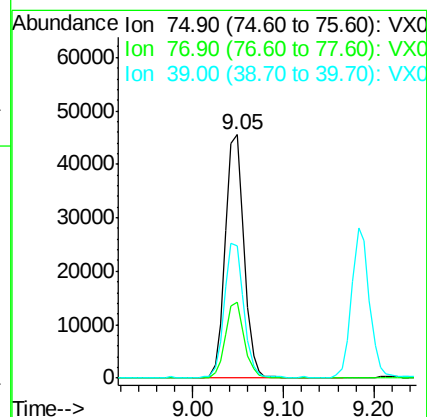
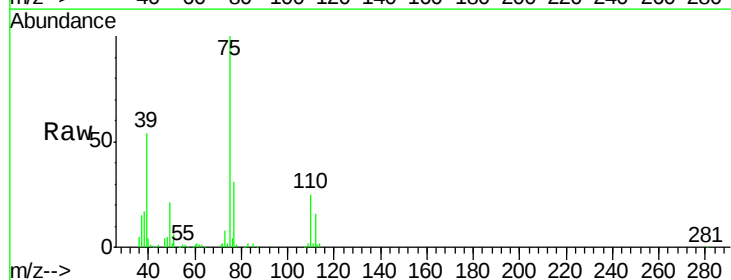
Tgt Ion: 75 Resp: 66049

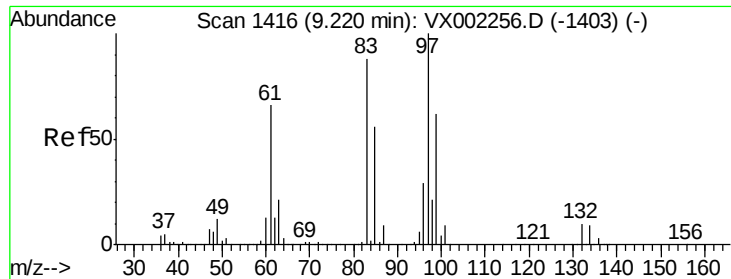
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.8 42.4 63.6



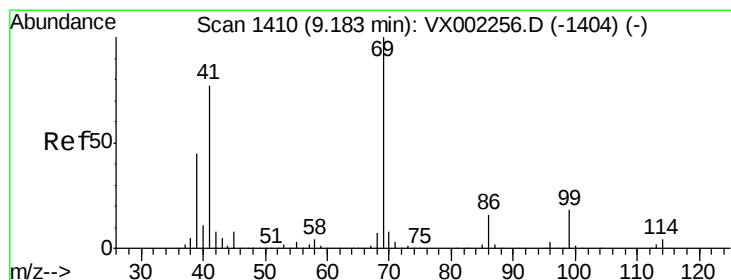
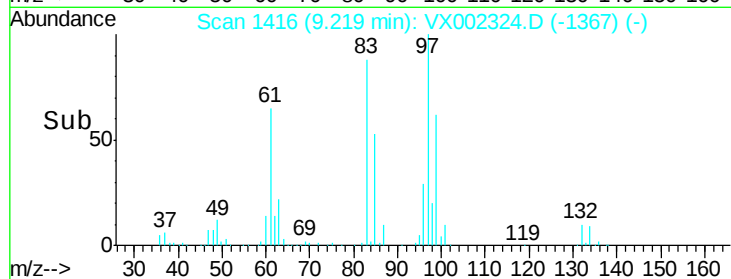
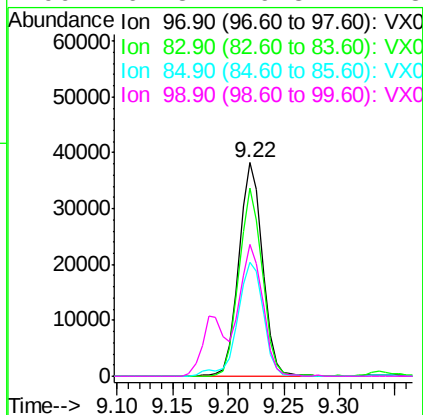
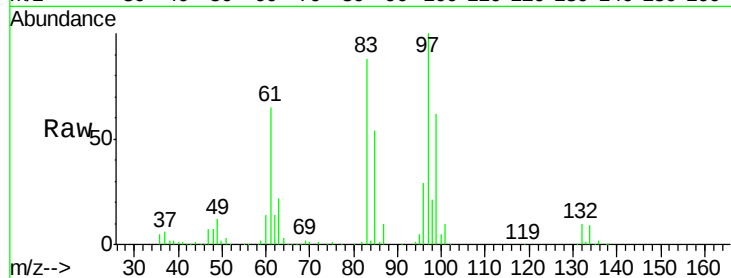


#55
 1,1,2-Trichloroethane
 Concen: 19.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion: 97 Resp: 56460

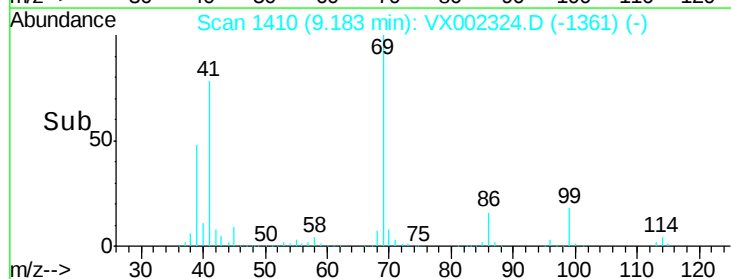
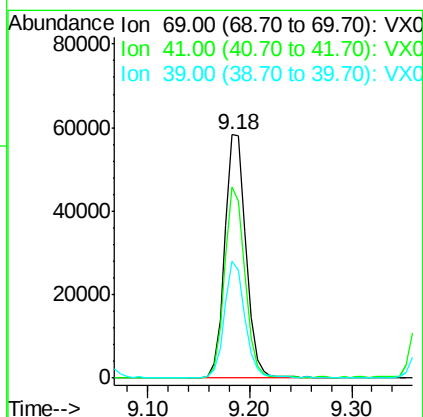
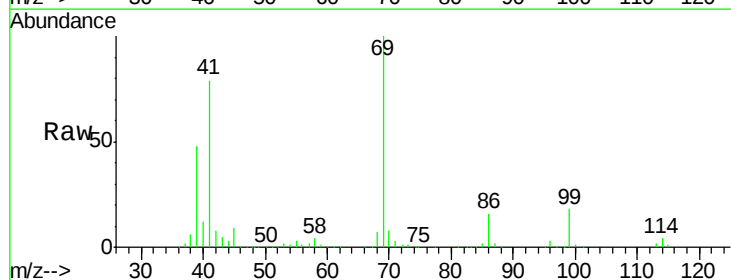
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	53.4	44.9	67.3
99	61.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.54 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 69 Resp: 83879

Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	45.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

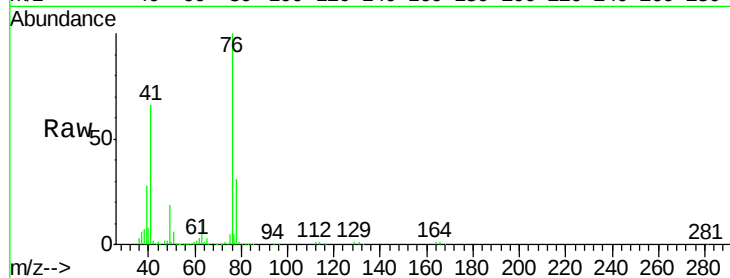
VX0605WBSD02

Tot Ion: 76 Resp: 93938

Ion Ratio Lower Upper

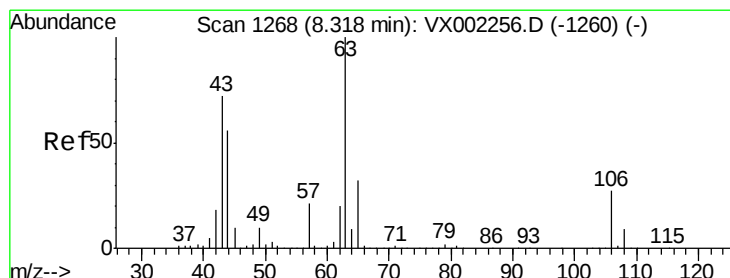
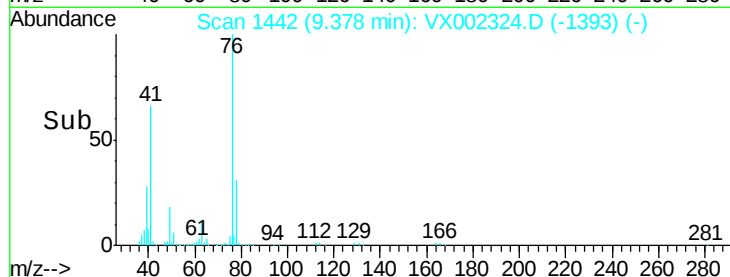
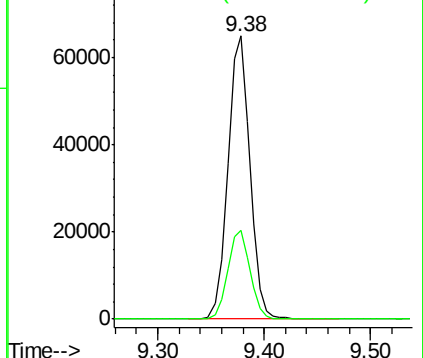
76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.07 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002324.D

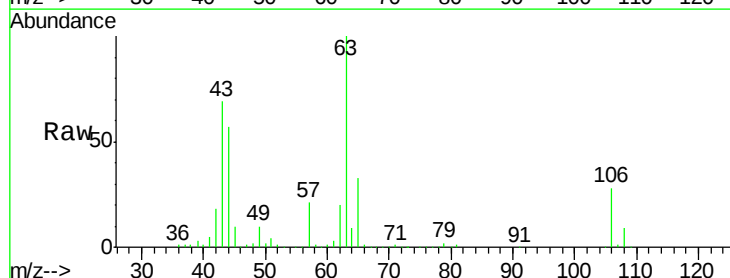
Acq: 06 Jun 2018 00:24

Tgt Ion: 63 Resp: 196983

Ion Ratio Lower Upper

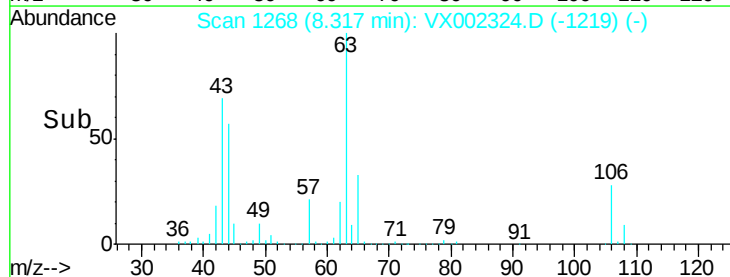
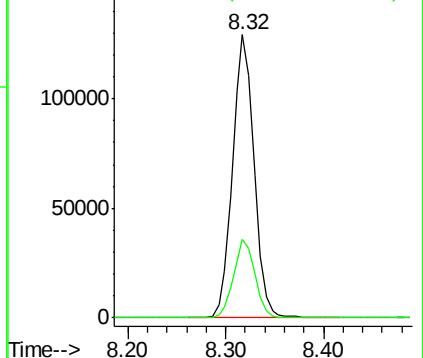
63 100

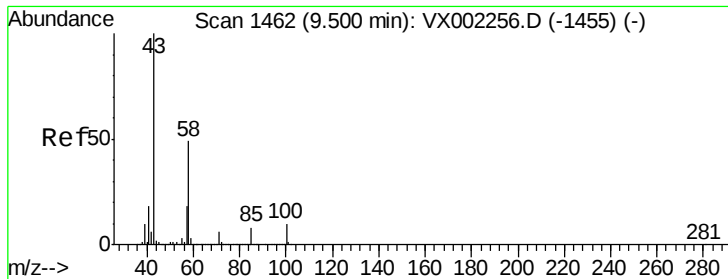
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

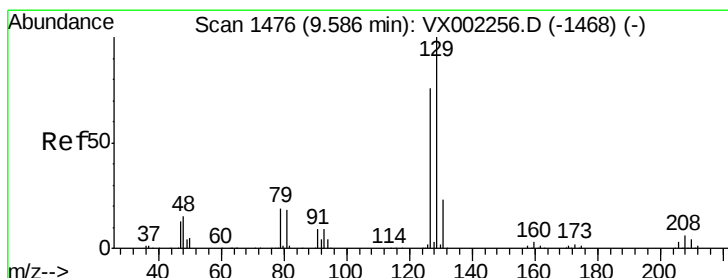
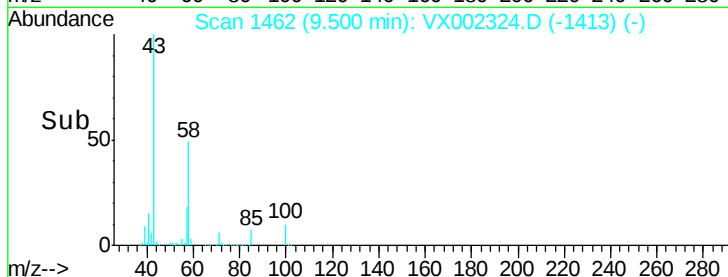
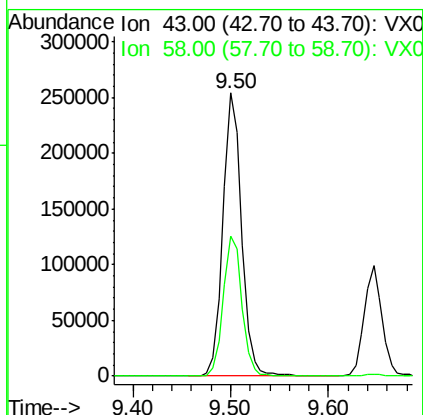
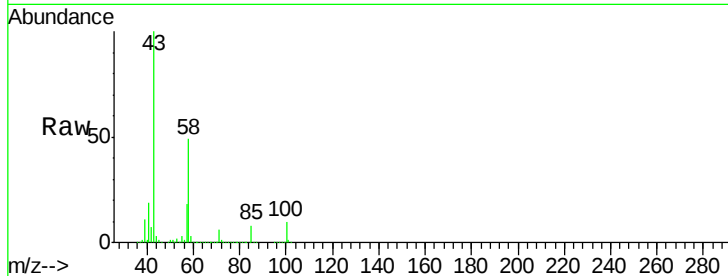




#59
2-Hexanone
Concen: 96.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

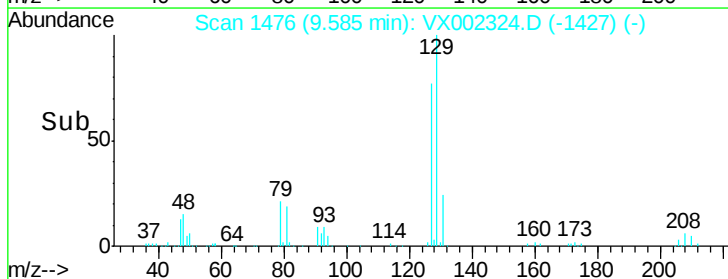
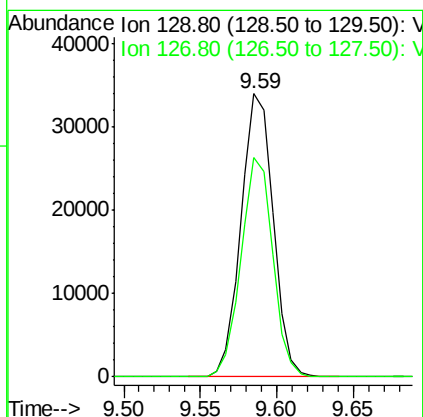
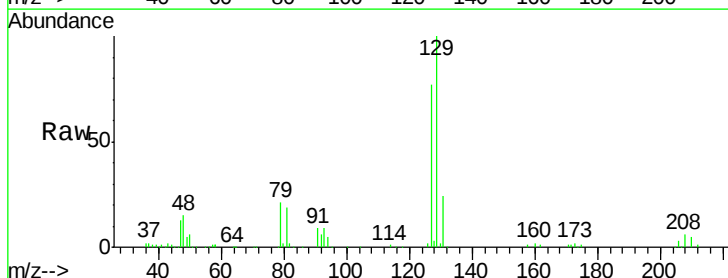
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

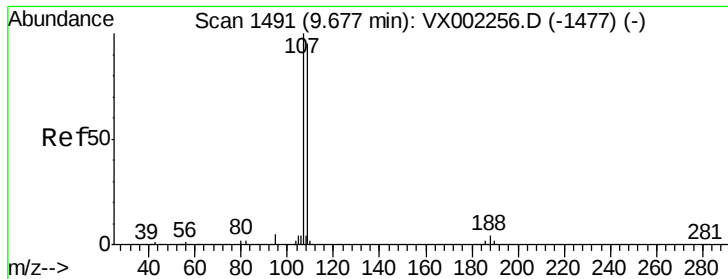
Tot Ion: 43 Resp: 336307
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.6



#60
Dibromochloromethane
Concen: 17.43 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 129 Resp: 49685
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

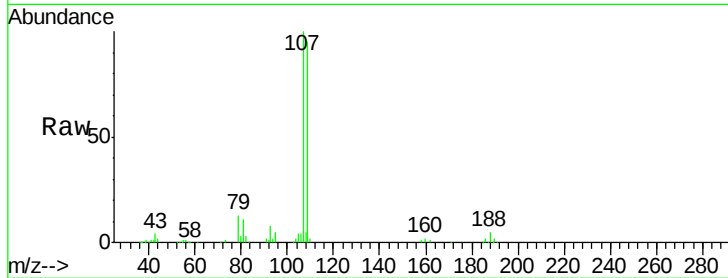
VX0605WBSD02

Tot Ion:107 Resp: 57399

Ion Ratio Lower Upper

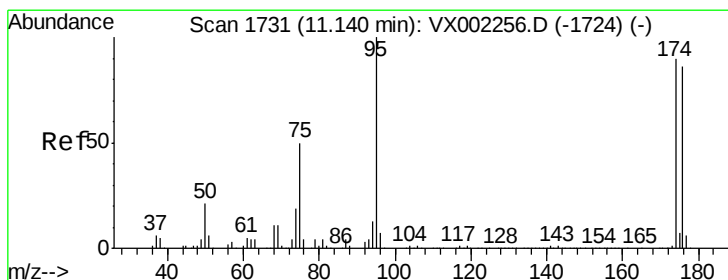
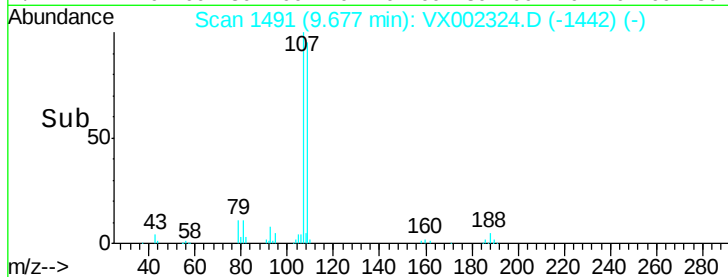
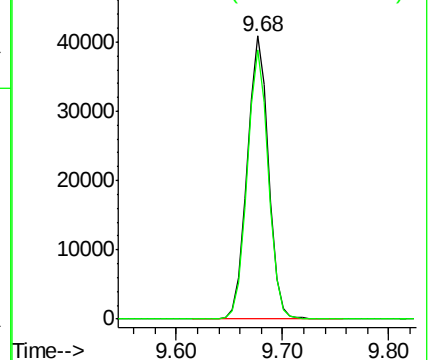
107 100

109 94.2 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: 41.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

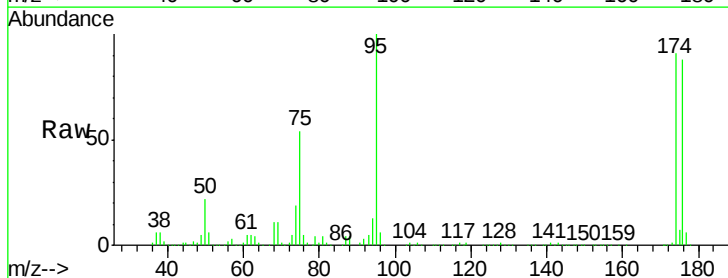
Tgt Ion: 95 Resp: 161726

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

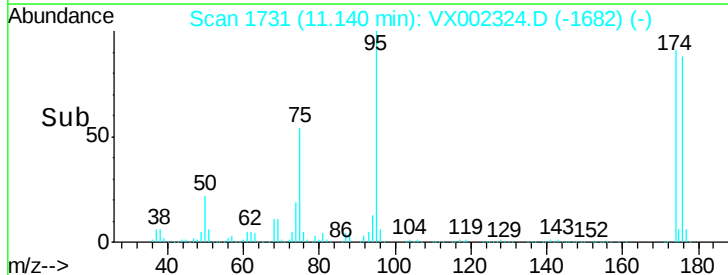
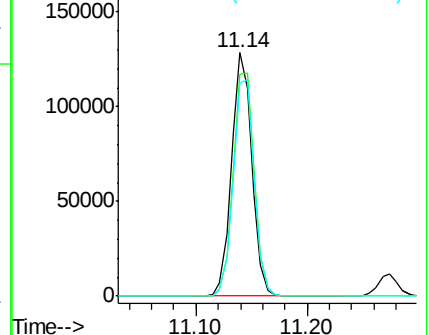
176 92.1 0.0 181.0



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

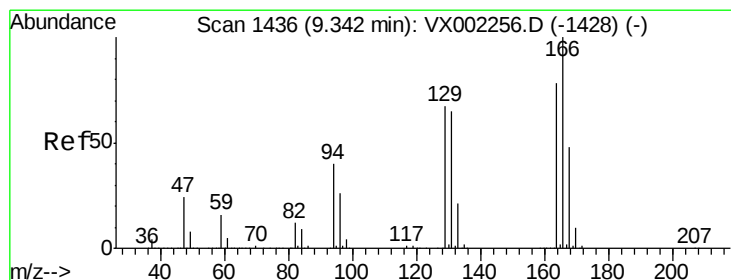
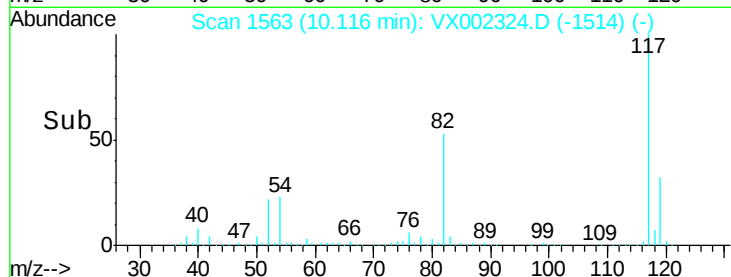
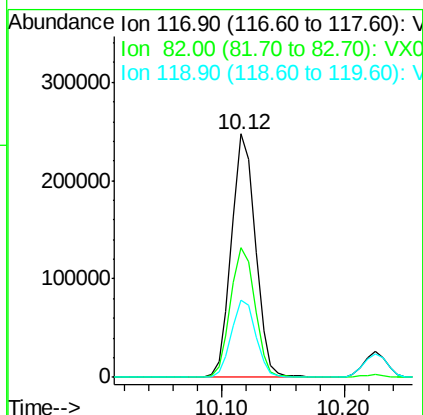
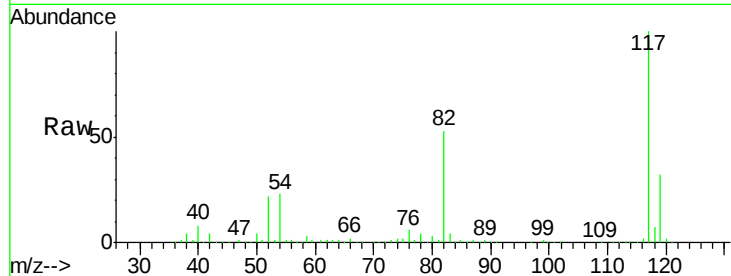




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

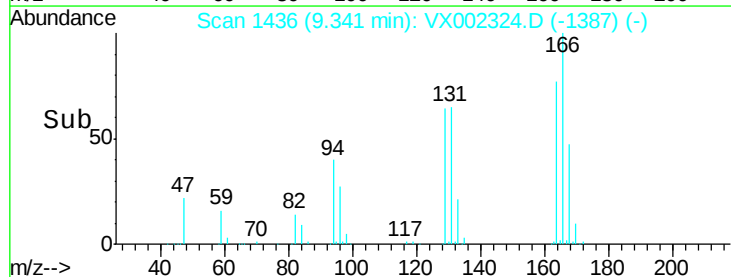
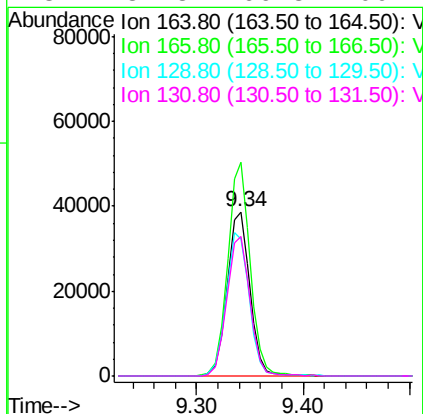
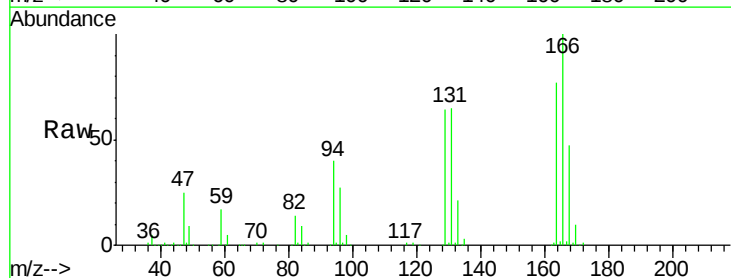
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

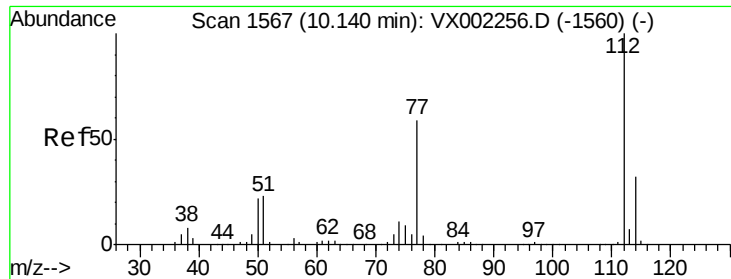
Tot Ion:117 Resp: 335069
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 16.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:164 Resp: 58034
Ion Ratio Lower Upper
164 100
166 130.1 102.9 154.3
129 83.5 68.6 102.8
131 84.8 66.8 100.2





#65

Chlorobenzene

Concen: 18.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

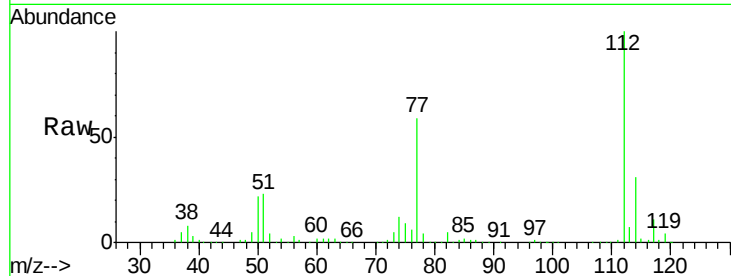
VX0605WBSD02

Tot Ion:112 Resp: 150558

Ion Ratio Lower Upper

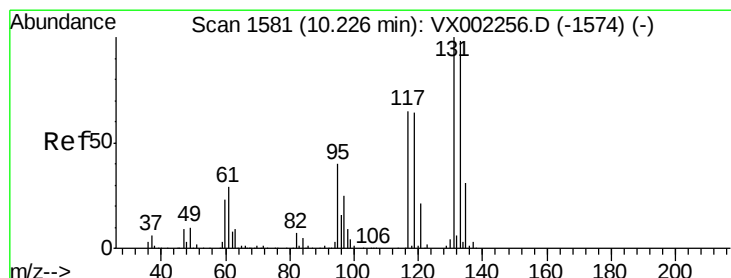
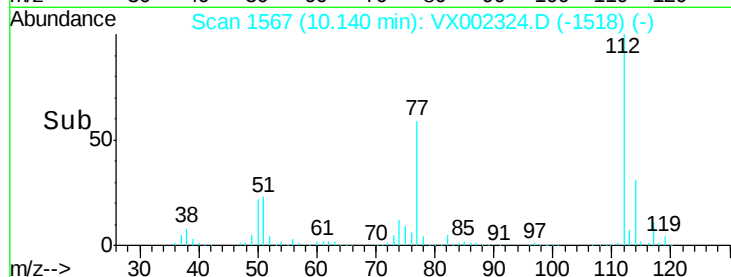
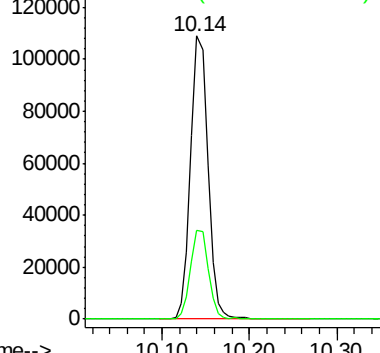
112 100

114 31.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.26 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

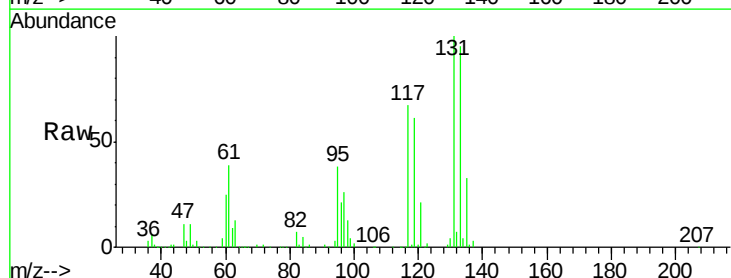
Tgt Ion:131 Resp: 52107

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

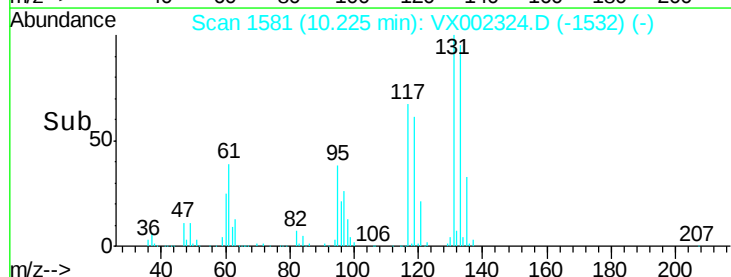
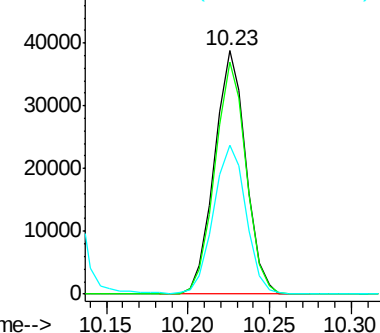
119 63.6 31.8 95.3

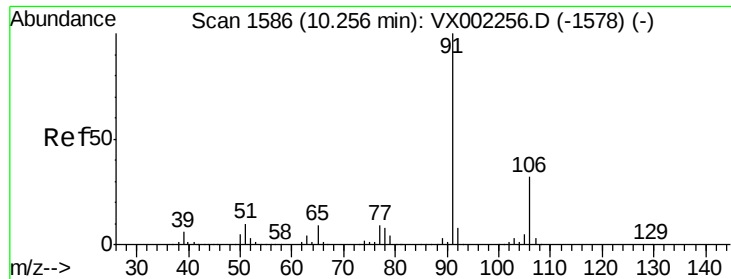


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.55 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

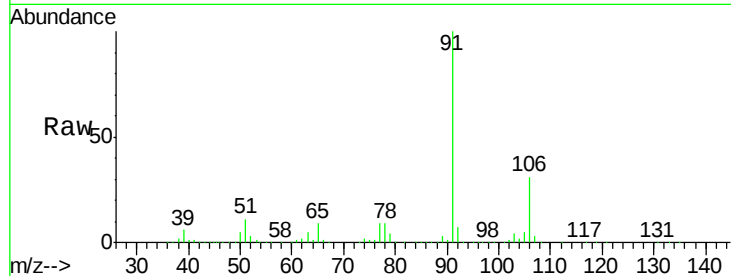
VX0605WBSD02

Tot Ion: 91 Resp: 244855

Ion Ratio Lower Upper

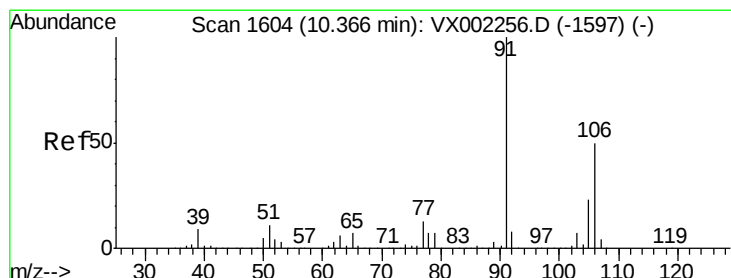
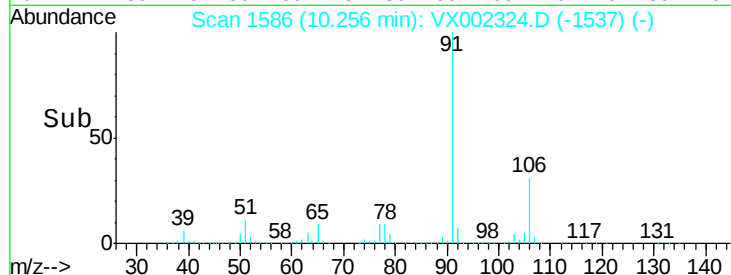
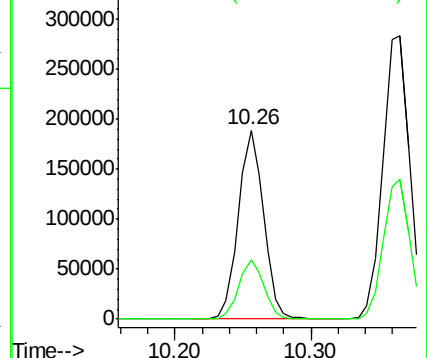
91 100

106 31.2 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: 34.99 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002324.D

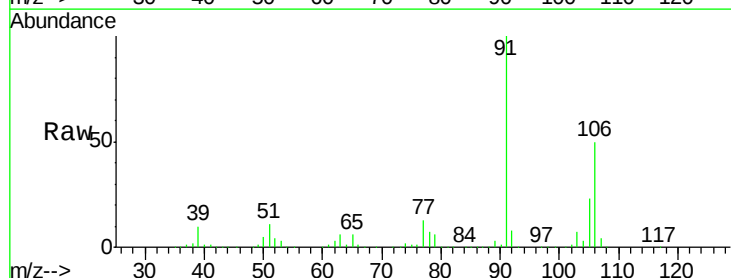
Acq: 06 Jun 2018 00:24

Tgt Ion: 106 Resp: 189771

Ion Ratio Lower Upper

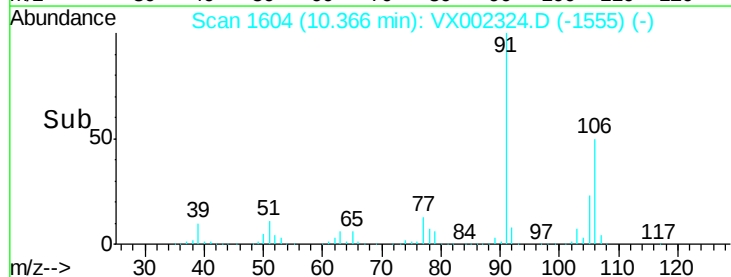
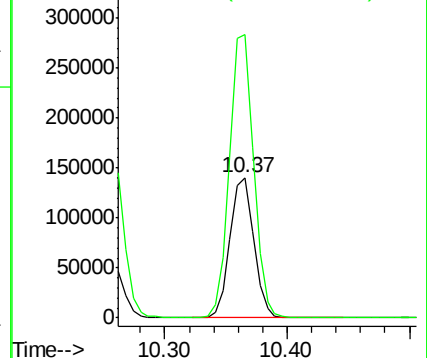
106 100

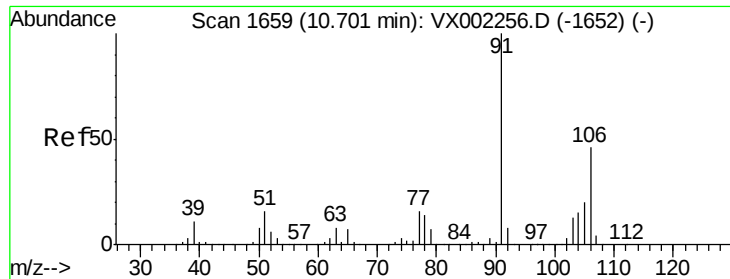
91 204.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

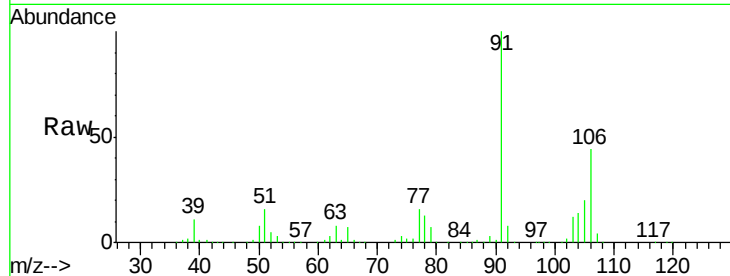




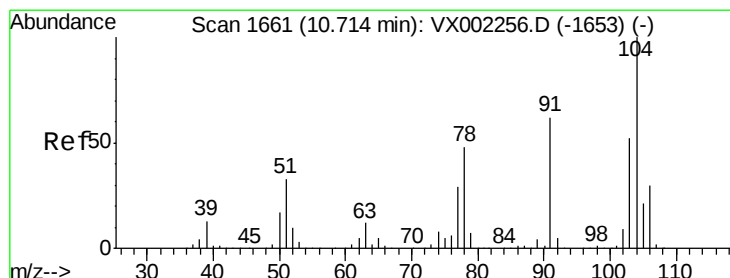
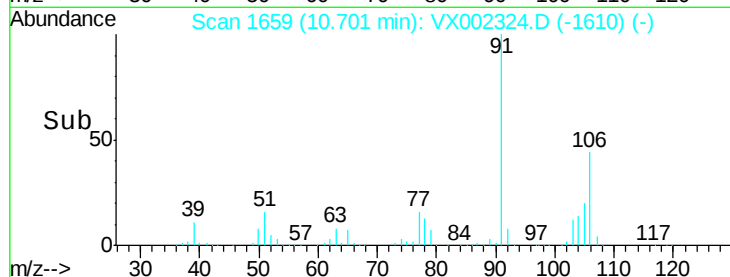
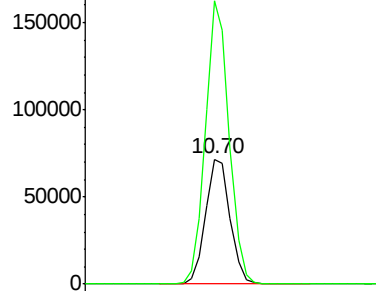
#69
o-Xylene
Concen: 17.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:106 Resp: 95471
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6

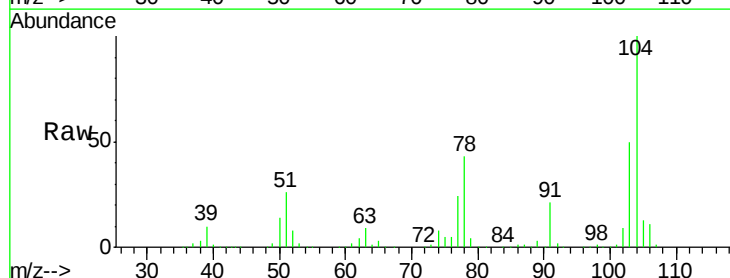


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

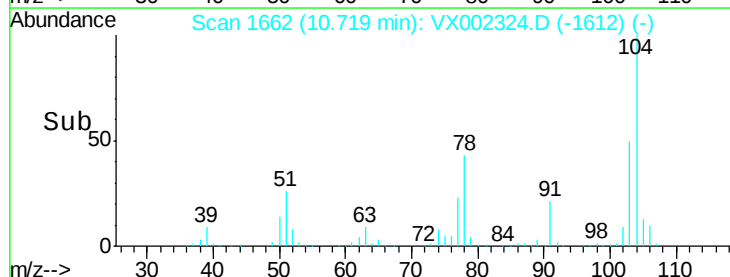
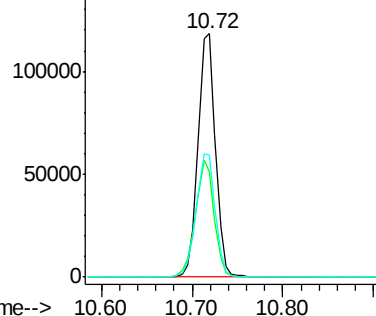


#70
Styrene
Concen: 17.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:104 Resp: 158386
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.20 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

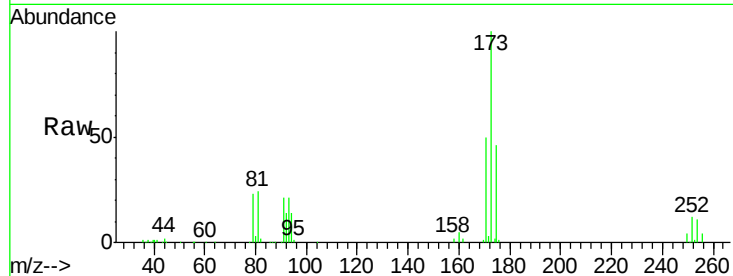
Tot Ion:173 Resp: 37020

Ion Ratio Lower Upper

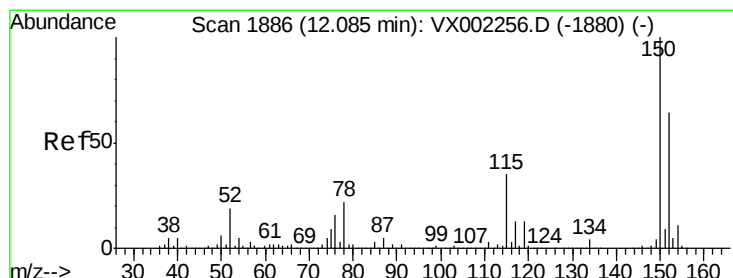
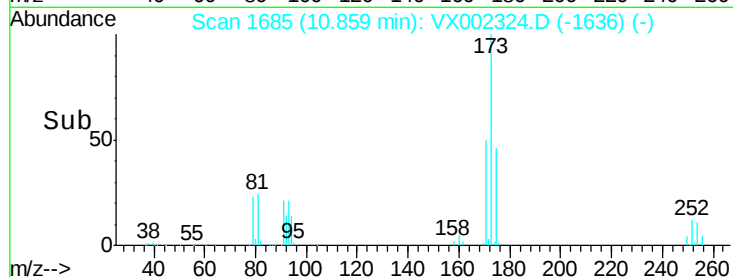
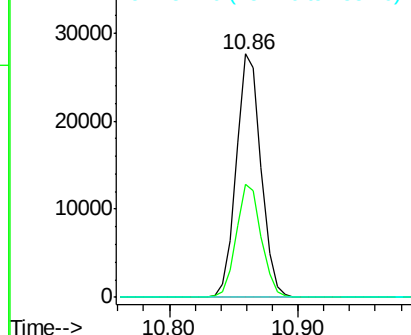
173 100

175 46.9 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: VX002324.D

Acq: 06 Jun 2018 00:24

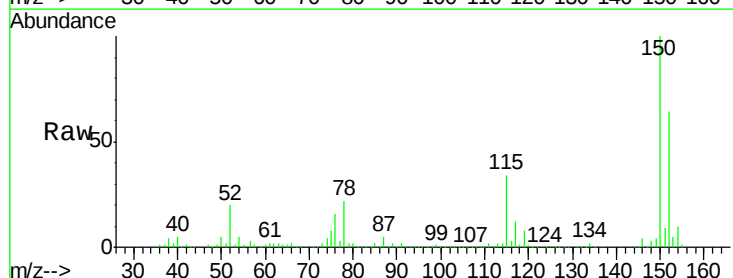
Tgt Ion:152 Resp: 199679

Ion Ratio Lower Upper

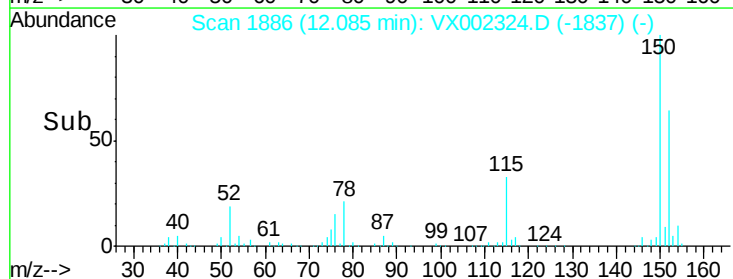
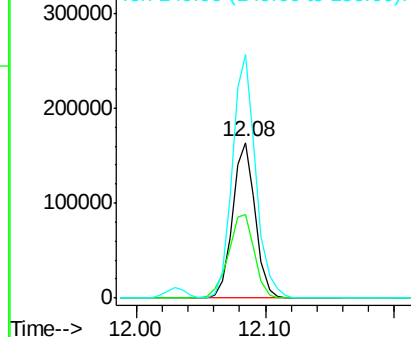
152 100

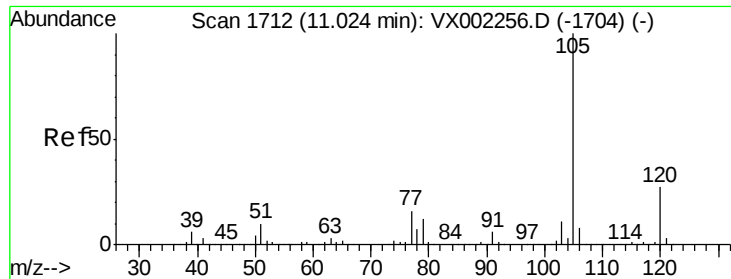
115 62.8 40.1 120.2

150 162.3 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: 17.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

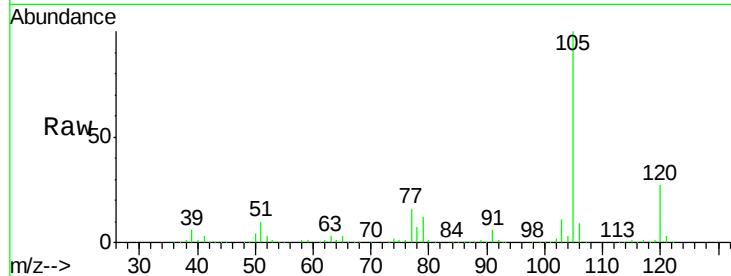
VX0605WBSD02

Tot Ion:105 Resp: 244314

Ion Ratio Lower Upper

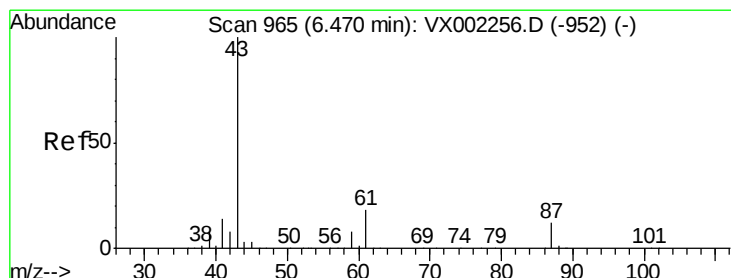
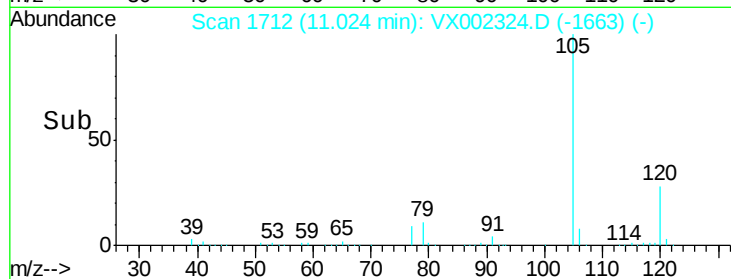
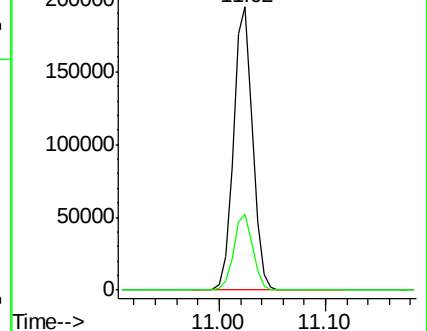
105 100

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: 18.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 134841

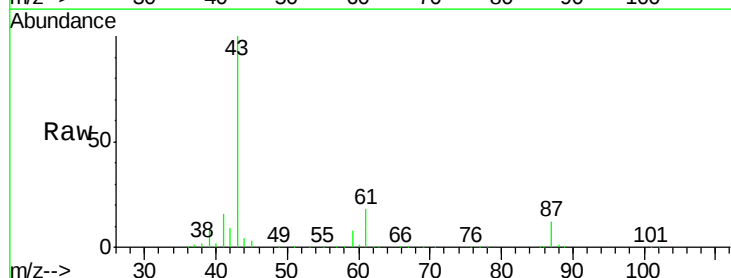
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 17.6 14.4 21.6

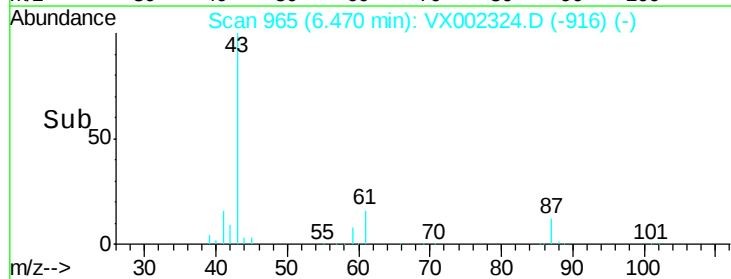
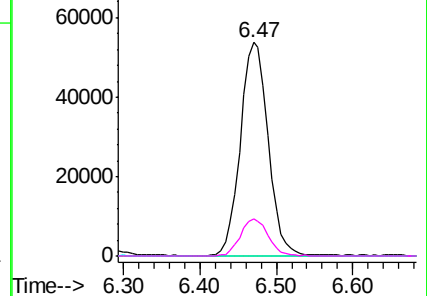


Abundance Ion 43.00 (42.70 to 43.70): VX0

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

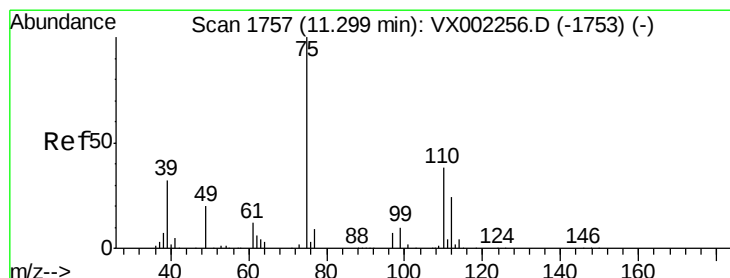
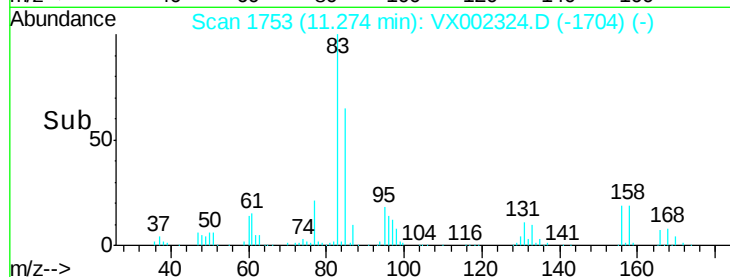
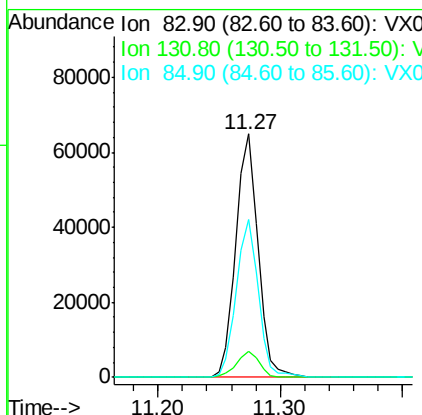
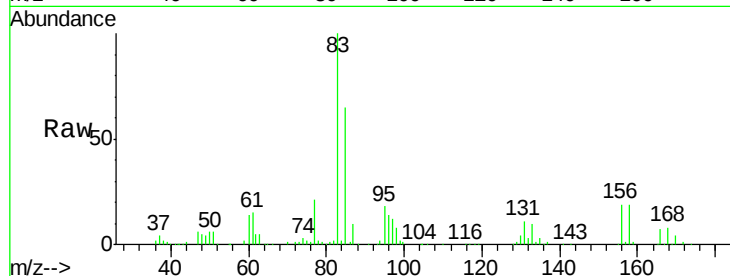




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.63 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

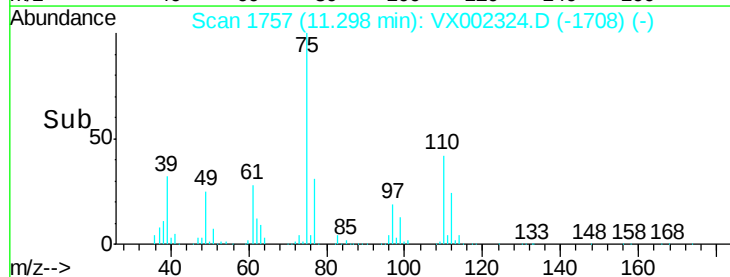
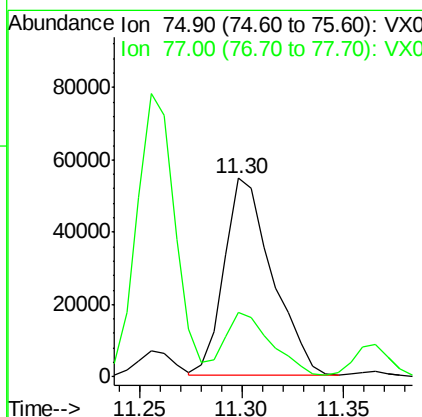
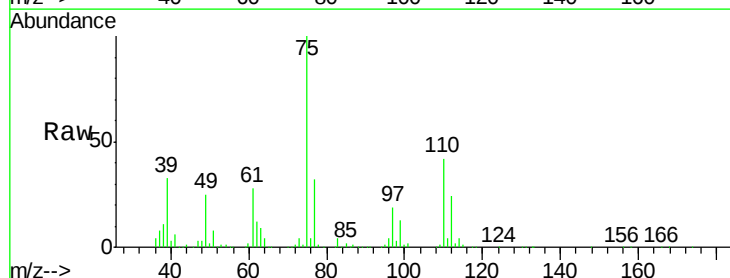
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

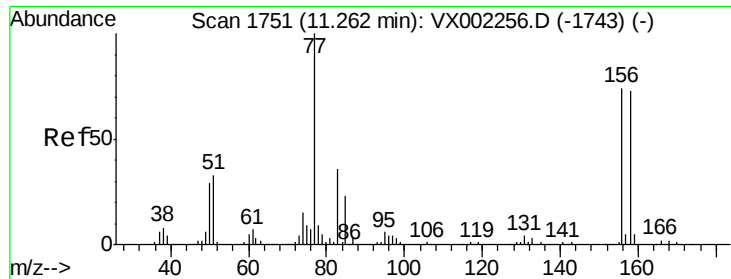
Tot Ion: 83 Resp: 81410
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.5 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 20.30 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 75 Resp: 88934
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.8 68.3





#77

Bromobenzene

Concen: 18.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

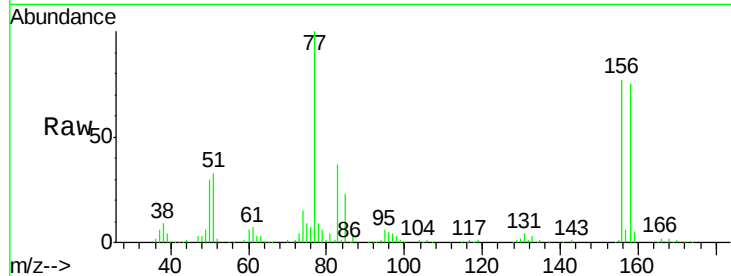
Tot Ion:156 Resp: 71896

Ion Ratio Lower Upper

156 100

77 141.4 71.4 214.2

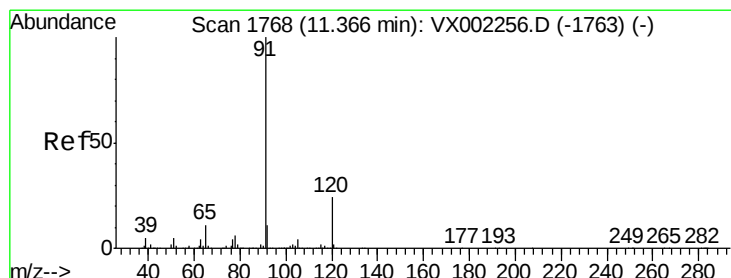
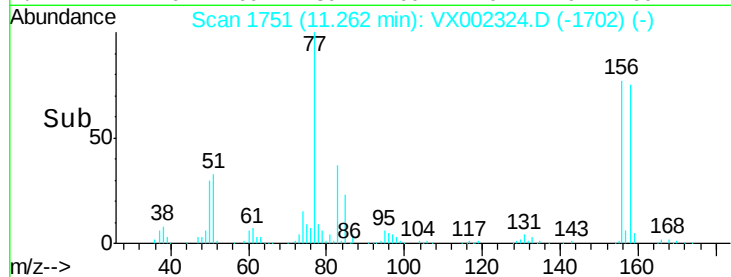
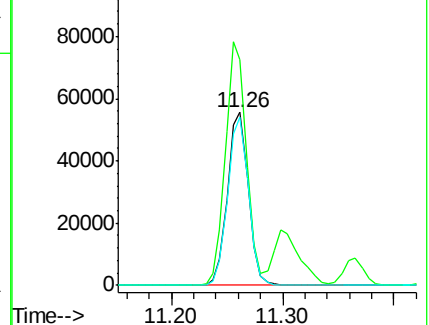
158 97.3 48.9 146.6



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: 17.45 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002324.D

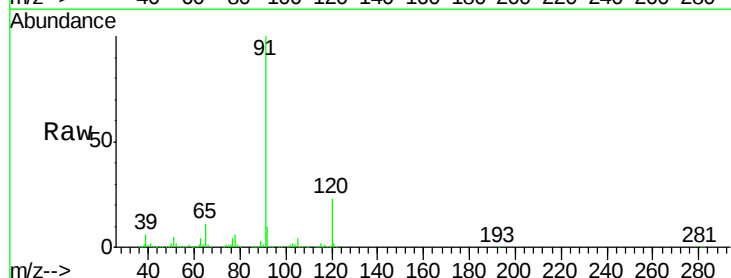
Acq: 06 Jun 2018 00:24

Tgt Ion: 91 Resp: 269455

Ion Ratio Lower Upper

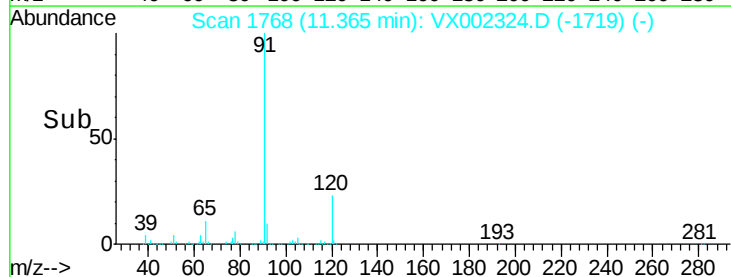
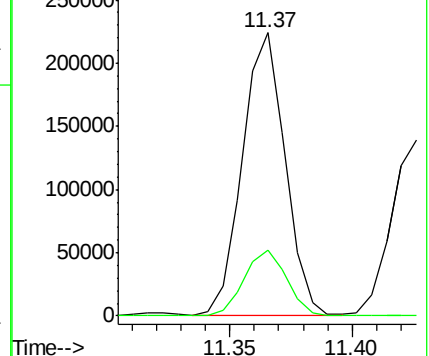
91 100

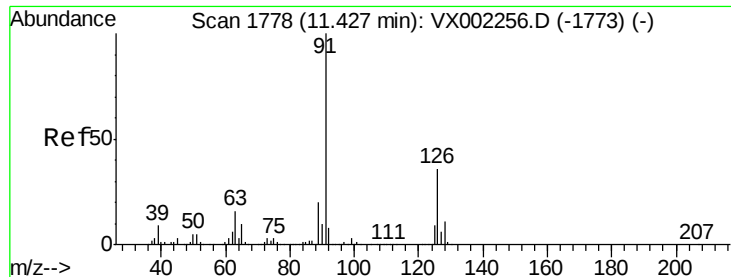
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

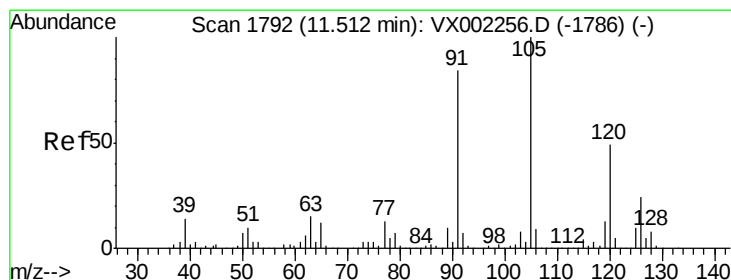
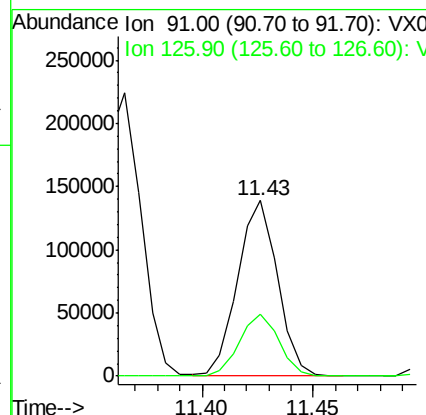
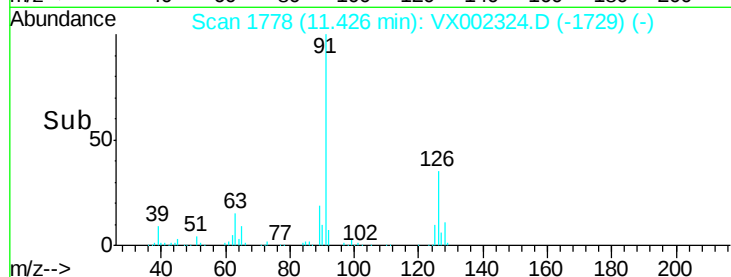
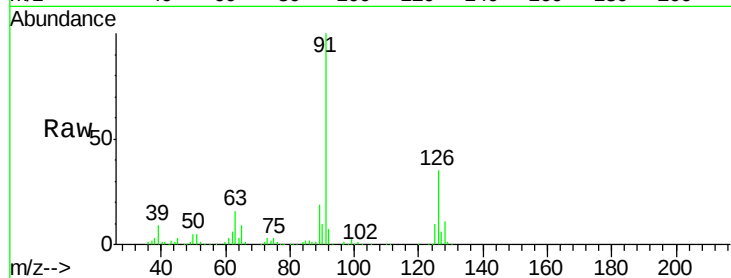
VX0605WBSD02

Tot Ion: 91 Resp: 172718

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 17.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

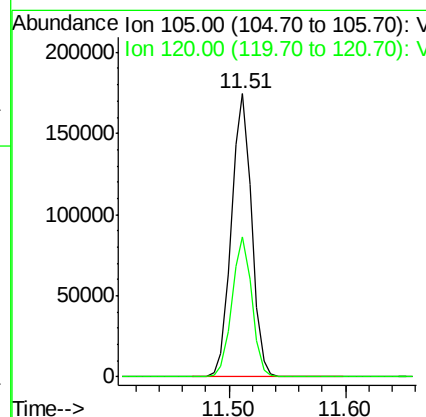
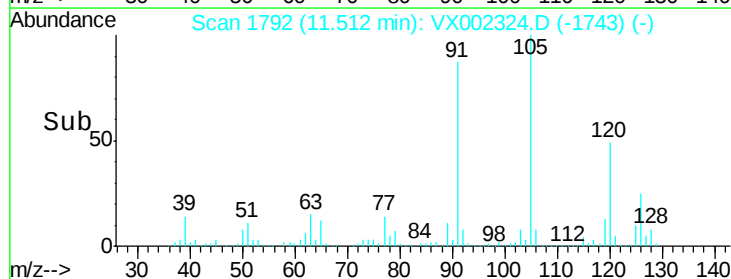
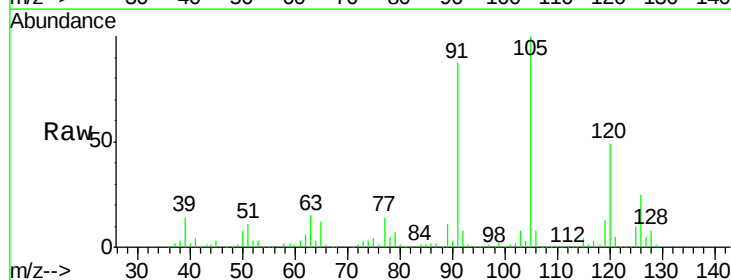
Acq: 06 Jun 2018 00:24

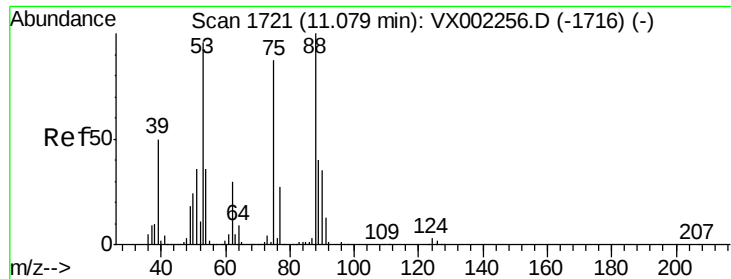
Tgt Ion:105 Resp: 209230

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

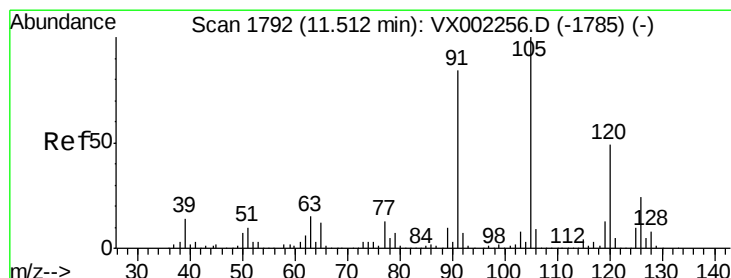
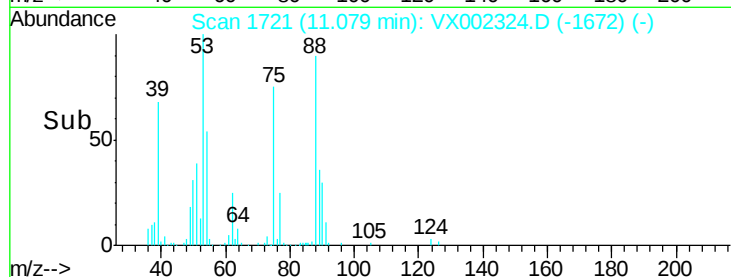
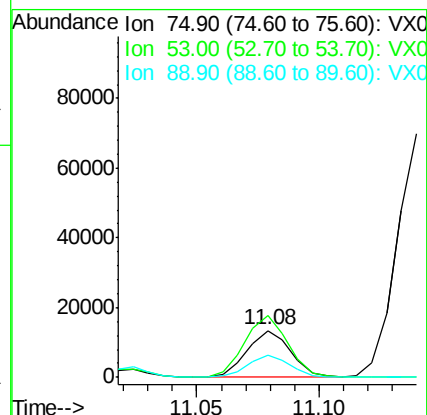
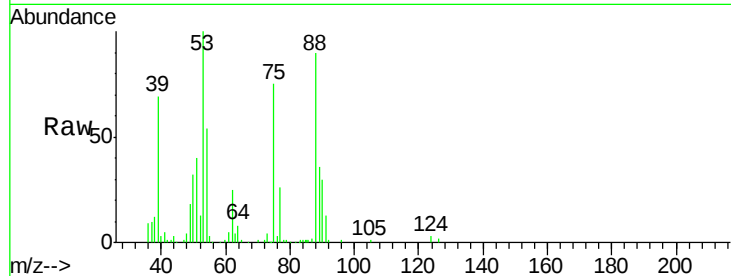
Tot Ion: 75 Resp: 16706

Ion Ratio Lower Upper

75 100

53 131.5 86.8 130.2#

89 46.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 17.80 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

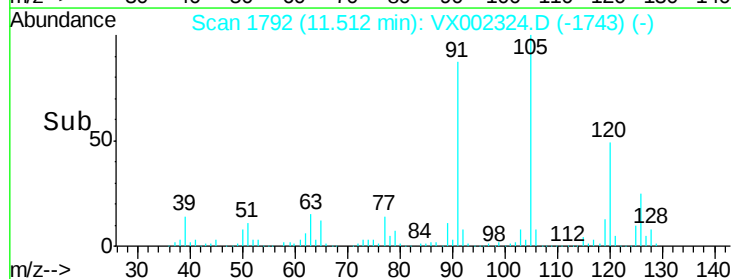
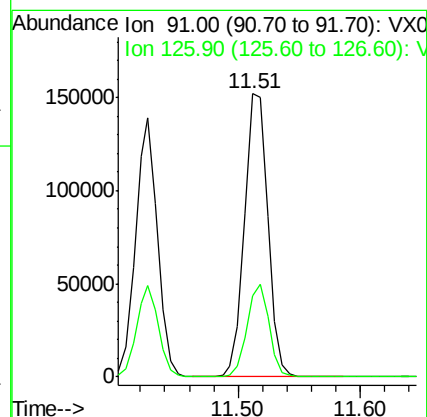
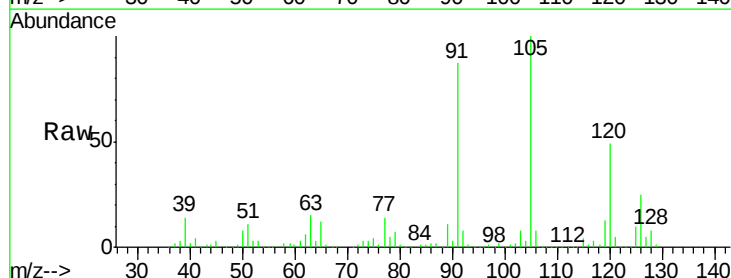
Acq: 06 Jun 2018 00:24

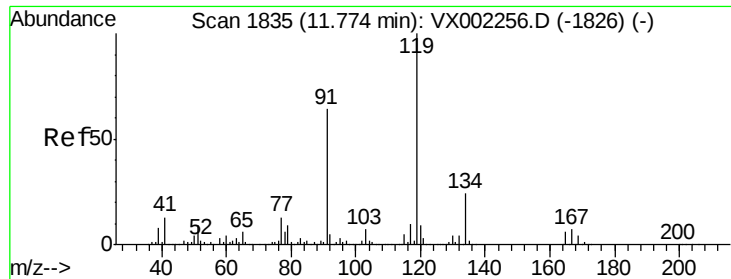
Tgt Ion: 91 Resp: 200349

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

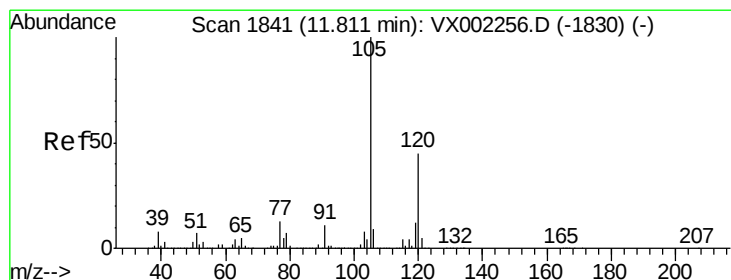
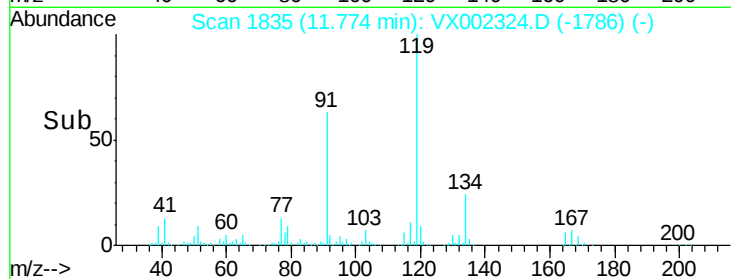
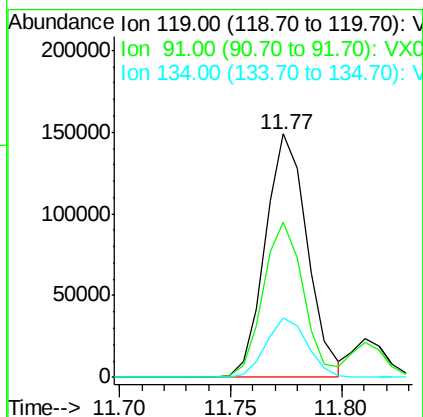
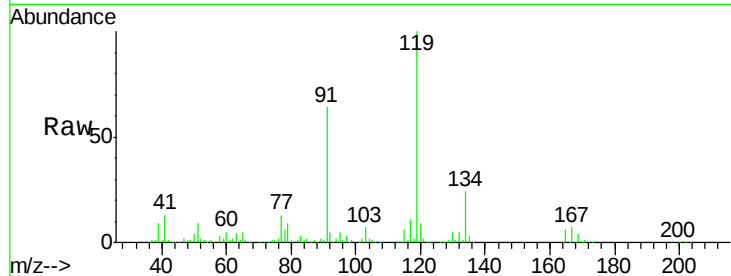




#83
 tert-Butylbenzene
 Concen: 16.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

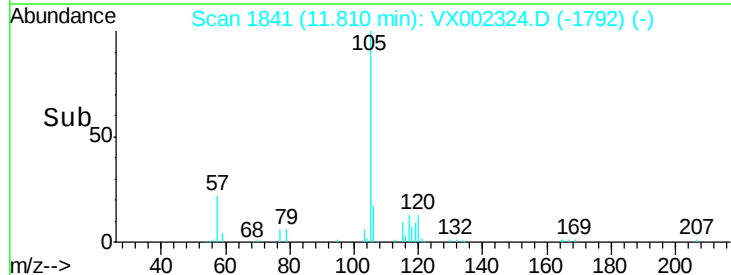
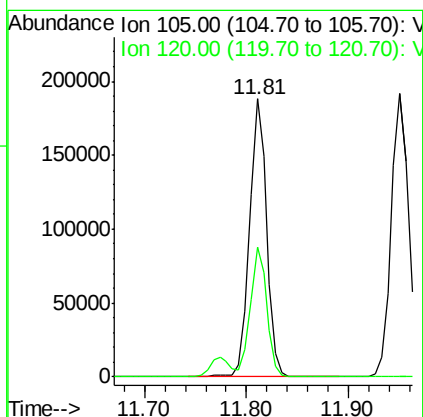
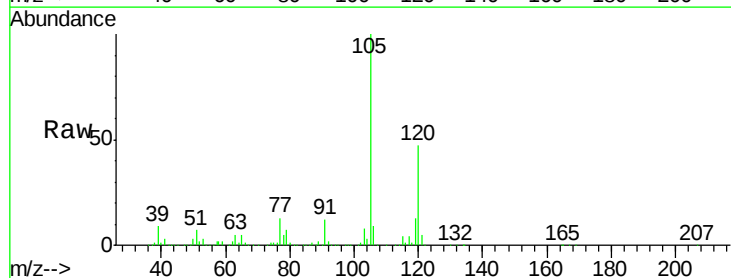
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

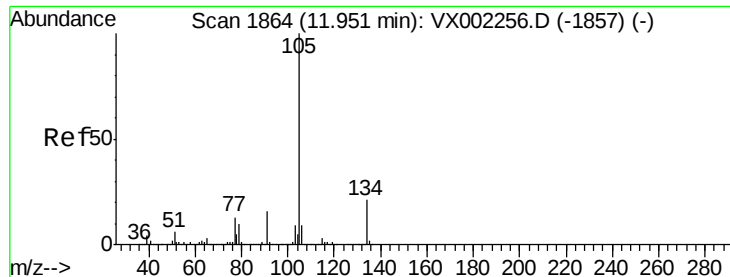
Tot Ion:119 Resp: 195135
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.97 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion:105 Resp: 220393
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 16.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

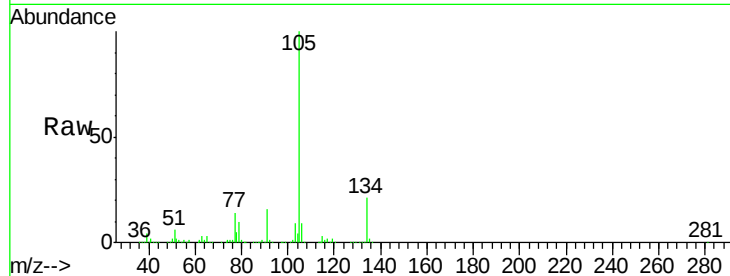
VX0605WBSD02

Tot Ion:105 Resp: 229651

Ion Ratio Lower Upper

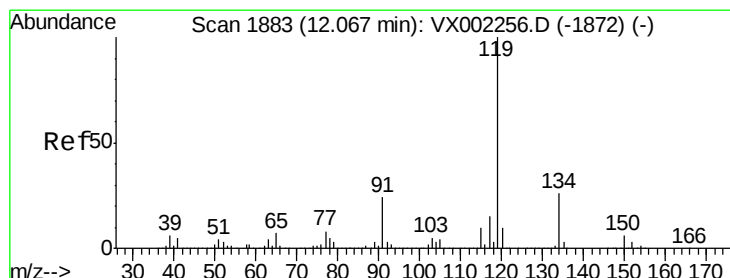
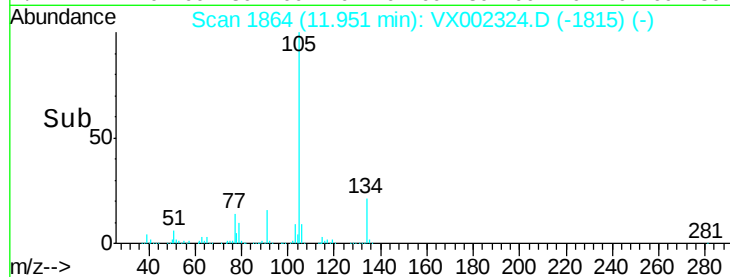
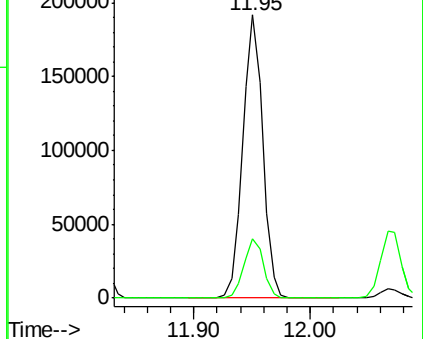
105 100

134 20.7 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: 16.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

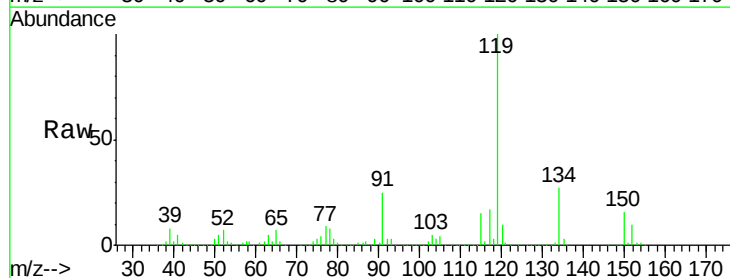
Tgt Ion:119 Resp: 208323

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

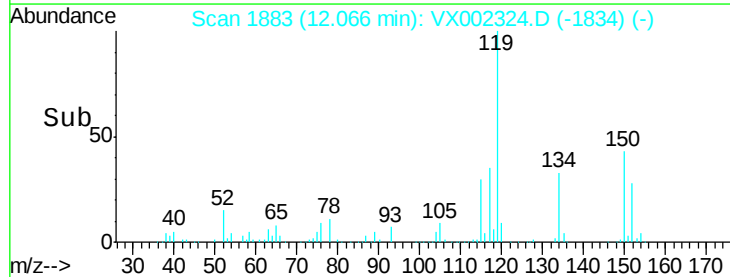
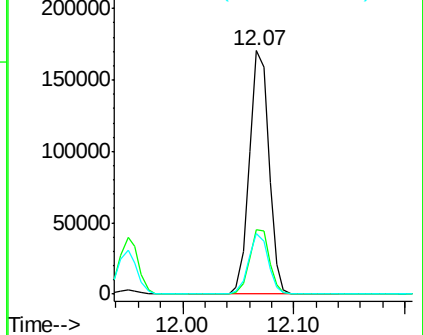
91 24.7 11.9 35.7

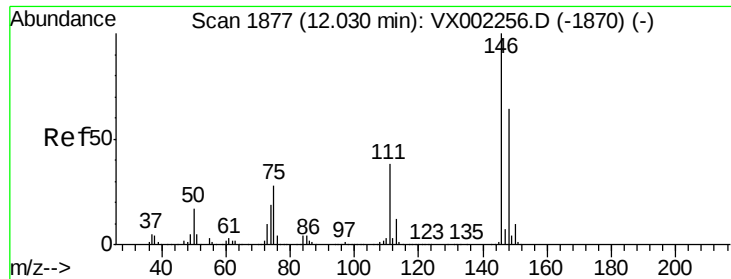


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

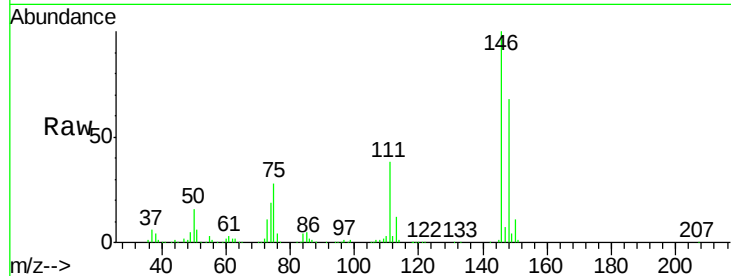
Tot Ion:146 Resp: 124125

Ion Ratio Lower Upper

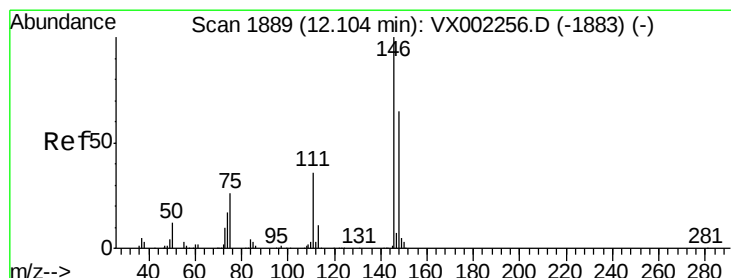
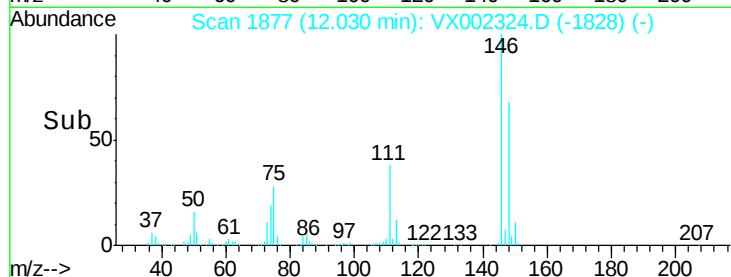
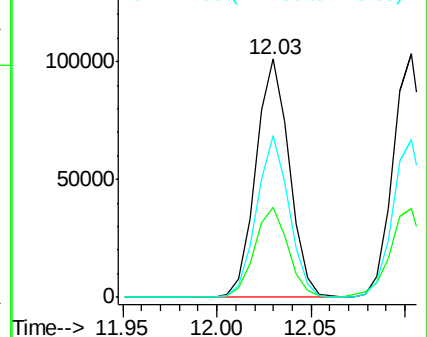
146 100

111 37.9 18.9 56.7

148 65.6 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: 17.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

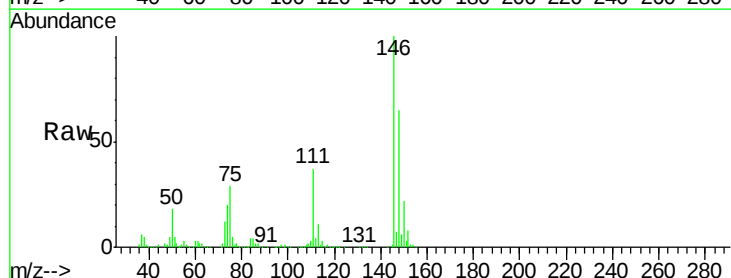
Tgt Ion:146 Resp: 125895

Ion Ratio Lower Upper

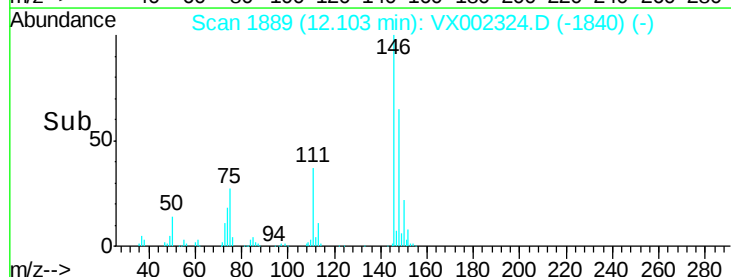
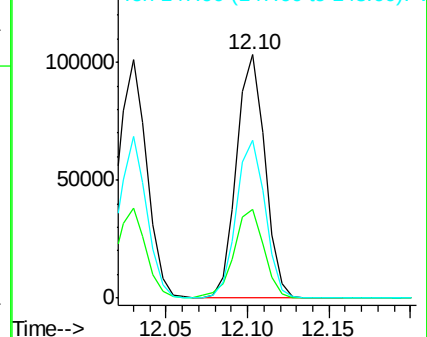
146 100

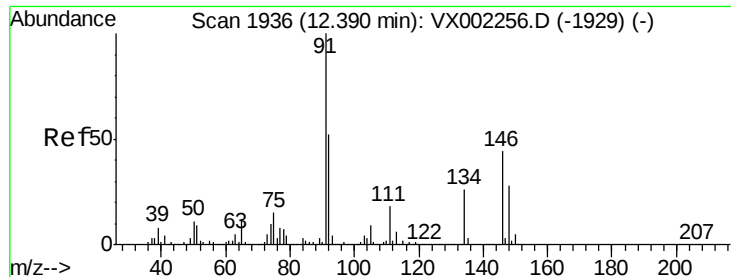
111 38.4 18.7 56.1

148 65.4 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: 16.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

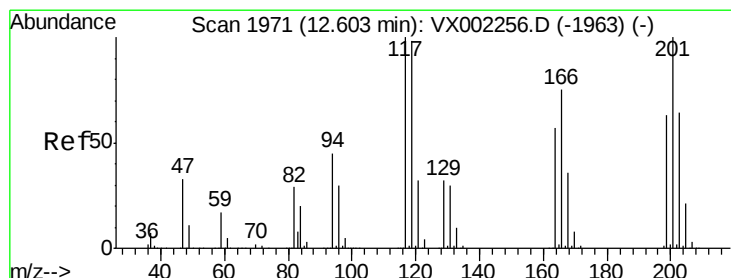
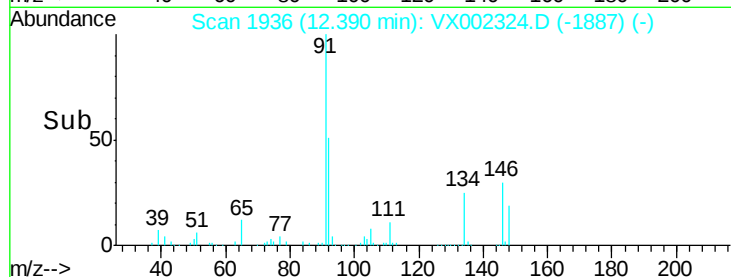
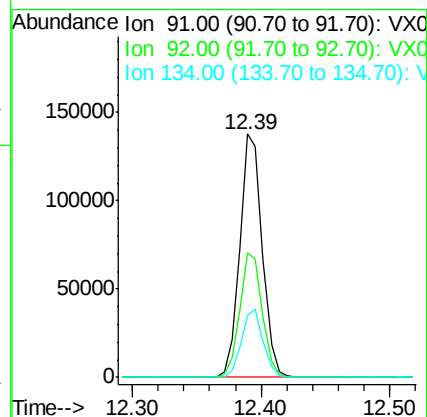
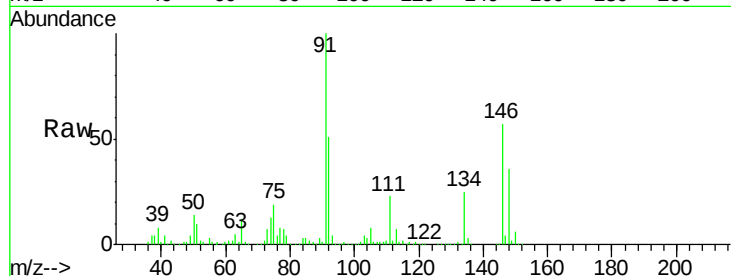
Tot Ion: 91 Resp: 166901

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 14.67 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002324.D

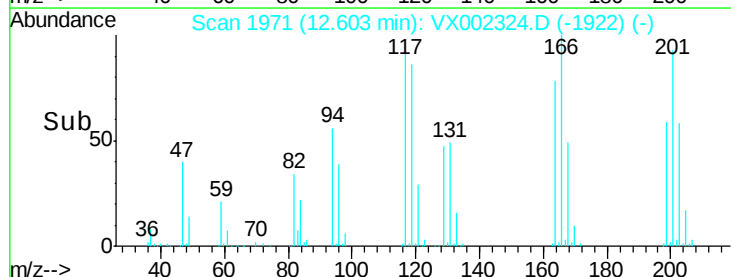
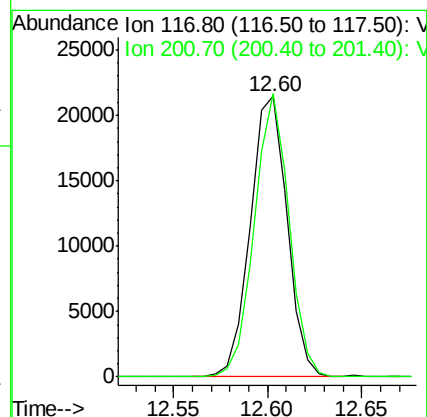
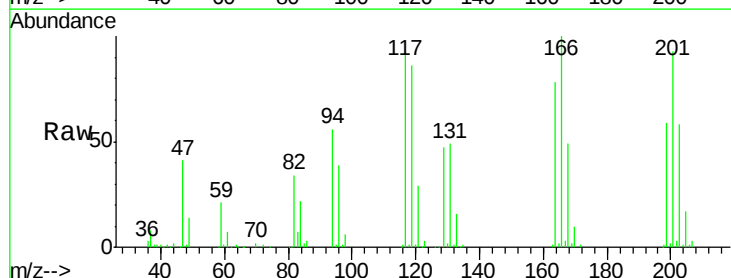
Acq: 06 Jun 2018 00:24

Tgt Ion: 117 Resp: 29003

Ion Ratio Lower Upper

117 100

201 94.5 49.0 147.0

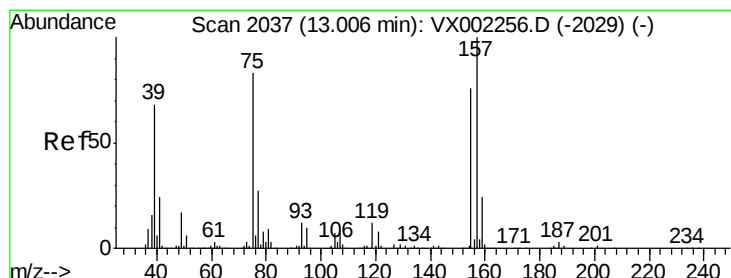
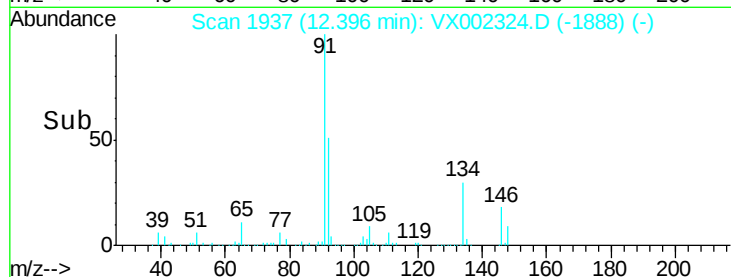
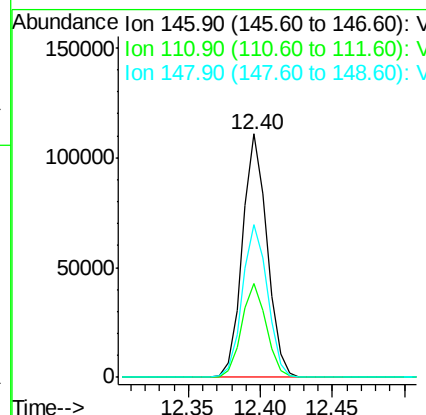
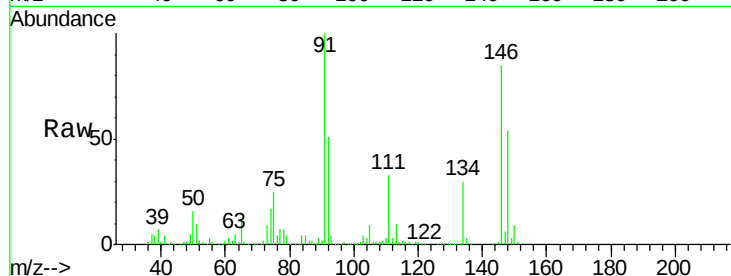




#91
 1,2-Dichlorobenzene
 Concen: 18.30 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

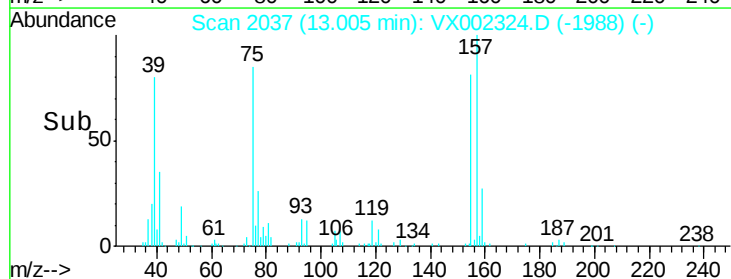
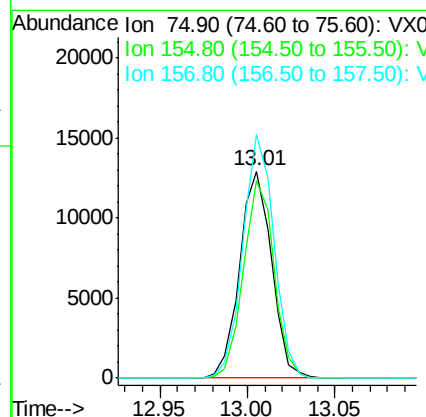
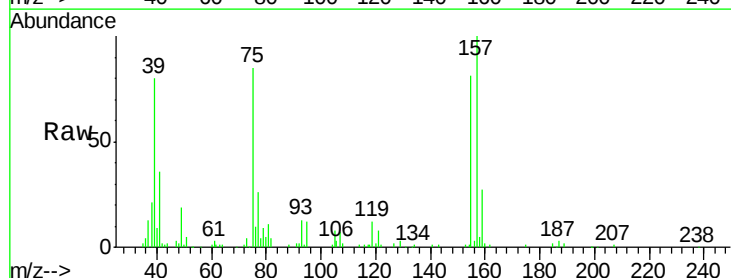
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

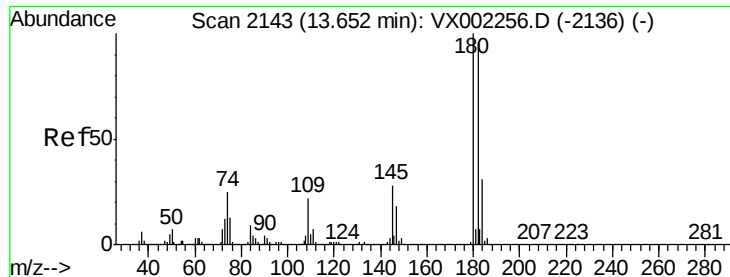
Tot Ion:146 Resp: 132052
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.21 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 75 Resp: 16439
 Ion Ratio Lower Upper
 75 100
 155 90.8 45.8 137.4
 157 114.5 60.1 180.3

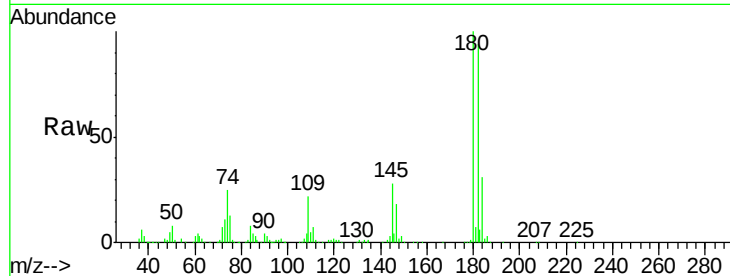




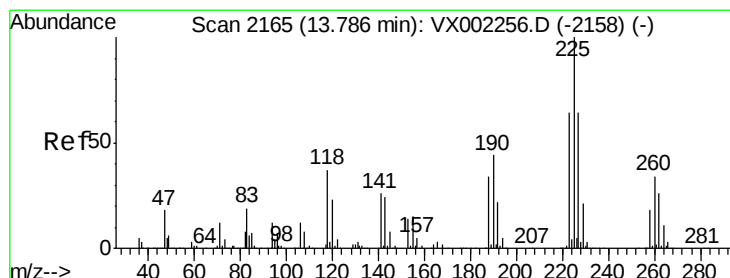
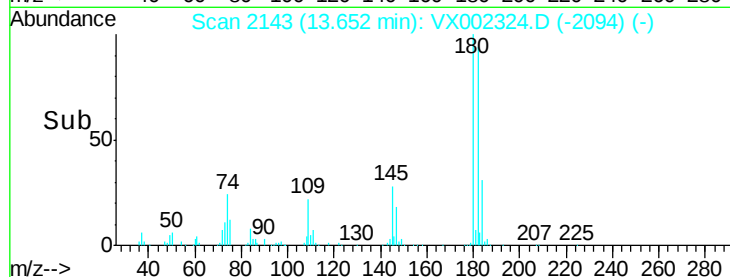
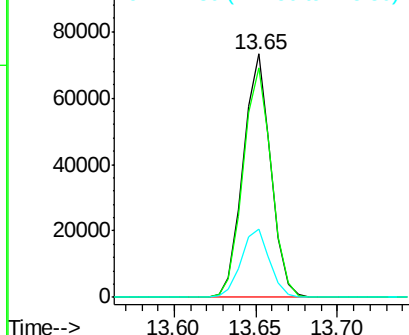
#93
 1,2,4-Trichlorobenzene
 Concen: 17.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion:180 Resp: 86329
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.7 143.1
 145 29.0 14.1 42.4

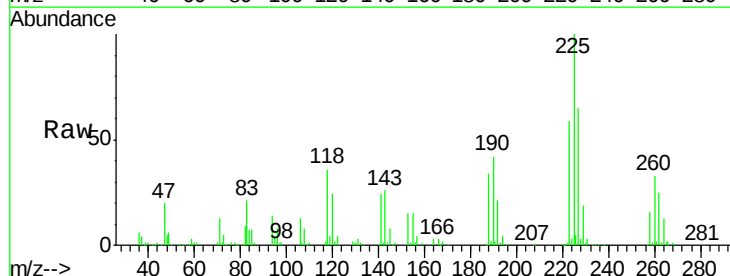


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

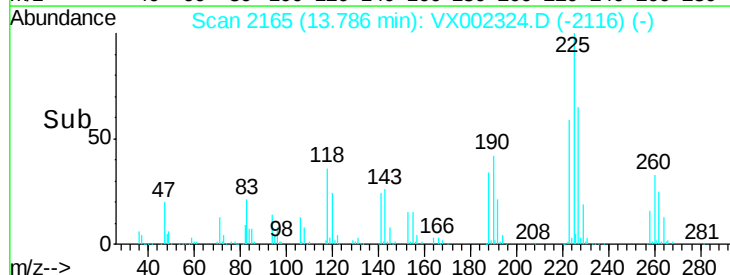
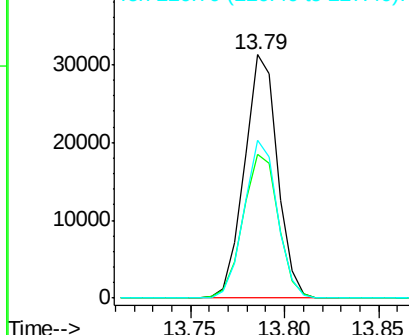


#94
 Hexachlorobutadiene
 Concen: 15.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion:225 Resp: 38111
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

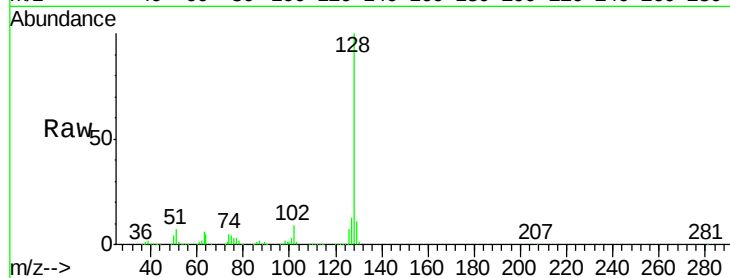
Tot Ion:128 Resp: 271966

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

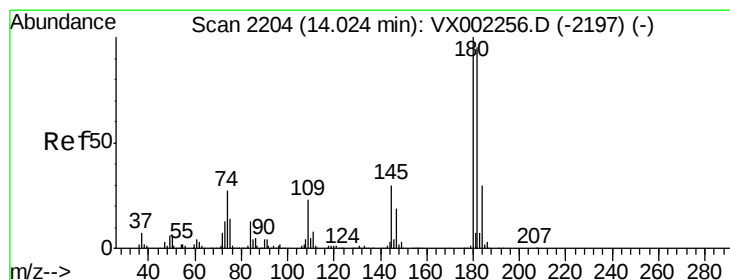
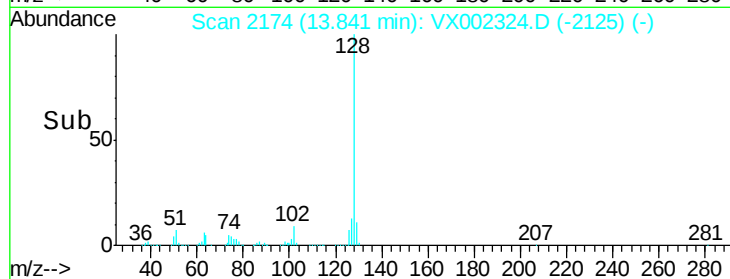
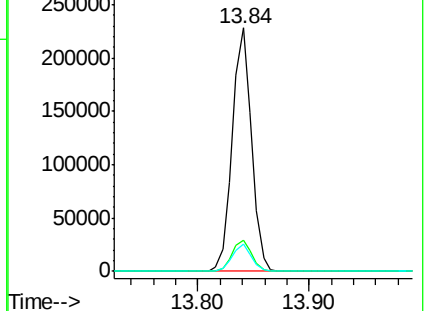
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.23 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

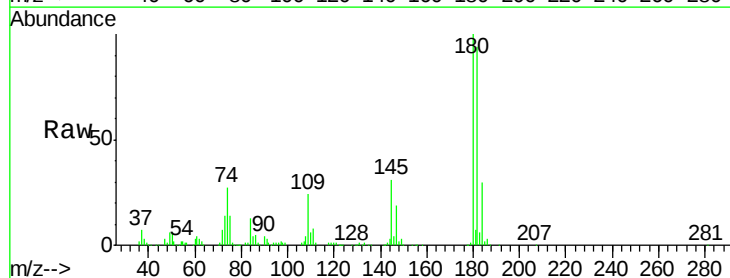
Tgt Ion:180 Resp: 94060

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

