

Data File : VX001683.D

Acq On : 12 May 2018 22:55

Operator : JC/MD

Sample : VX0512WBSD02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Quant Time: May 14 06:07:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147949	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	123486	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.72	98	429687	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
62) 4-Bromofluorobenzene	11.14	95	156777	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54859	18.70	ug/l	99
3) Chloromethane	1.32	50	53011	18.55	ug/l	97
4) Vinyl Chloride	1.40	62	58716	19.69	ug/l	99
5) Bromomethane	1.64	94	31944	21.44	ug/l	98
6) Chloroethane	1.73	64	38370	19.47	ug/l	94
7) Trichlorofluoromethane	1.93	101	90296	20.12	ug/l	97
8) Diethyl Ether	2.19	74	36597	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52938	20.12	ug/l	100
10) Methyl Iodide	2.51	142	59560	15.69	ug/l	99
11) Tert butyl alcohol	3.08	59	77666	117.60	ug/l	100
12) 1,1-Dichloroethene	2.38	96	48036	19.92	ug/l	94
13) Acrolein	2.29	56	9525	64.50	ug/l	94
14) Allyl chloride	2.73	41	90177	20.06	ug/l	97
15) Acrylonitrile	3.15	53	161085	107.94	ug/l	100
16) Acetone	2.45	43	144156	101.35	ug/l	98
17) Carbon Disulfide	2.57	76	104316	17.00	ug/l	99
18) Methyl Acetate	2.78	43	90605	24.25	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	177244	21.11	ug/l	98
20) Methylene Chloride	2.86	84	55928	19.86	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50692	18.84	ug/l	99
22) Diisopropyl ether	3.88	45	177159	21.09	ug/l	99
23) Vinyl Acetate	3.83	43	719197	102.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95344	20.32	ug/l	99
25) 2-Butanone	4.71	43	219984	107.00	ug/l	98
26) 2,2-Dichloropropane	4.59	77	62793	17.33	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	59915	20.90	ug/l	95
28) Bromochloromethane	5.03	49	47021	23.11	ug/l	99
29) Tetrahydrofuran	5.17	42	138579	105.35	ug/l	99
30) Chloroform	5.22	83	103640	21.44	ug/l	99
31) Cyclohexane	5.58	56	78242	19.41	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88934	21.05	ug/l	99
36) 1,1-Dichloropropene	5.81	75	69990	19.43	ug/l	99
37) Ethyl Acetate	4.87	43	83282	21.09	ug/l	100
38) Carbon Tetrachloride	5.79	117	77910	20.28	ug/l	98

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Quant Time: May 14 06:07:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77532	18.21	ug/l	94
40) Benzene	6.15	78	217600	20.68	ug/l	99
41) Methacrylonitrile	5.07	41	47944	21.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85660	21.18	ug/l	100
43) Isopropyl Acetate	6.47	43	126325	20.84	ug/l	99
44) Trichloroethene	7.22	130	65102	20.24	ug/l	97
45) 1,2-Dichloropropane	7.52	63	55415	21.13	ug/l	99
46) Dibromomethane	7.67	93	39329	21.18	ug/l	99
47) Bromodichloromethane	7.90	83	73659	21.43	ug/l	98
48) Methyl methacrylate	7.79	41	67463	20.44	ug/l	99
49) 1,4-Dioxane	7.76	88	30446	426.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	440713	109.41	ug/l	99
52) Toluene	8.79	92	143796	20.90	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80420	20.71	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71226	19.20	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58899	21.25	ug/l	98
56) Ethyl methacrylate	9.19	69	79456	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	96316	21.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217512	111.00	ug/l	100
59) 2-Hexanone	9.50	43	322617	104.59	ug/l	100
60) Dibromochloromethane	9.59	129	59186	20.85	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60385	20.75	ug/l	99
64) Tetrachloroethene	9.34	164	75480	20.48	ug/l	98
65) Chlorobenzene	10.15	112	159794	20.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59413	21.42	ug/l	99
67) Ethyl Benzene	10.26	91	256547	20.18	ug/l	99
68) m/p-Xylenes	10.37	106	204210	40.66	ug/l	100
69) o-Xylene	10.70	106	100945	20.68	ug/l	99
70) Styrene	10.72	104	163569	20.63	ug/l	99
71) Bromoform	10.86	173	46153	19.63	ug/l #	100
73) Isopropylbenzene	11.02	105	269645	21.15	ug/l	100
74) N-amyl acetate	6.47	43	126325	21.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83227	22.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95501	25.56	ug/l	89
77) Bromobenzene	11.26	156	77359	20.87	ug/l	98
78) n-propylbenzene	11.37	91	294888	21.24	ug/l	99
79) 2-Chlorotoluene	11.43	91	180645	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222470	20.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18385	18.63	ug/l	93
82) 4-Chlorotoluene	11.52	91	205792	20.88	ug/l	99
83) tert-Butylbenzene	11.77	119	219689	20.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	230960	21.17	ug/l	100
85) sec-Butylbenzene	11.95	105	265037	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	244981	21.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	137437	20.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	140191	20.74	ug/l	99
89) n-Butylbenzene	12.40	91	186957	19.40	ug/l	99
90) Hexachloroethane	12.60	117	36809	21.02	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	141556	21.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18181	21.97	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\
Quantitation Report (Not Reviewed)

Data File : VX001683.D
Acq On : 12 May 2018 22:55
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Sample : VX0512WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0512WBSD02

Quant Time: May 14 06:07:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

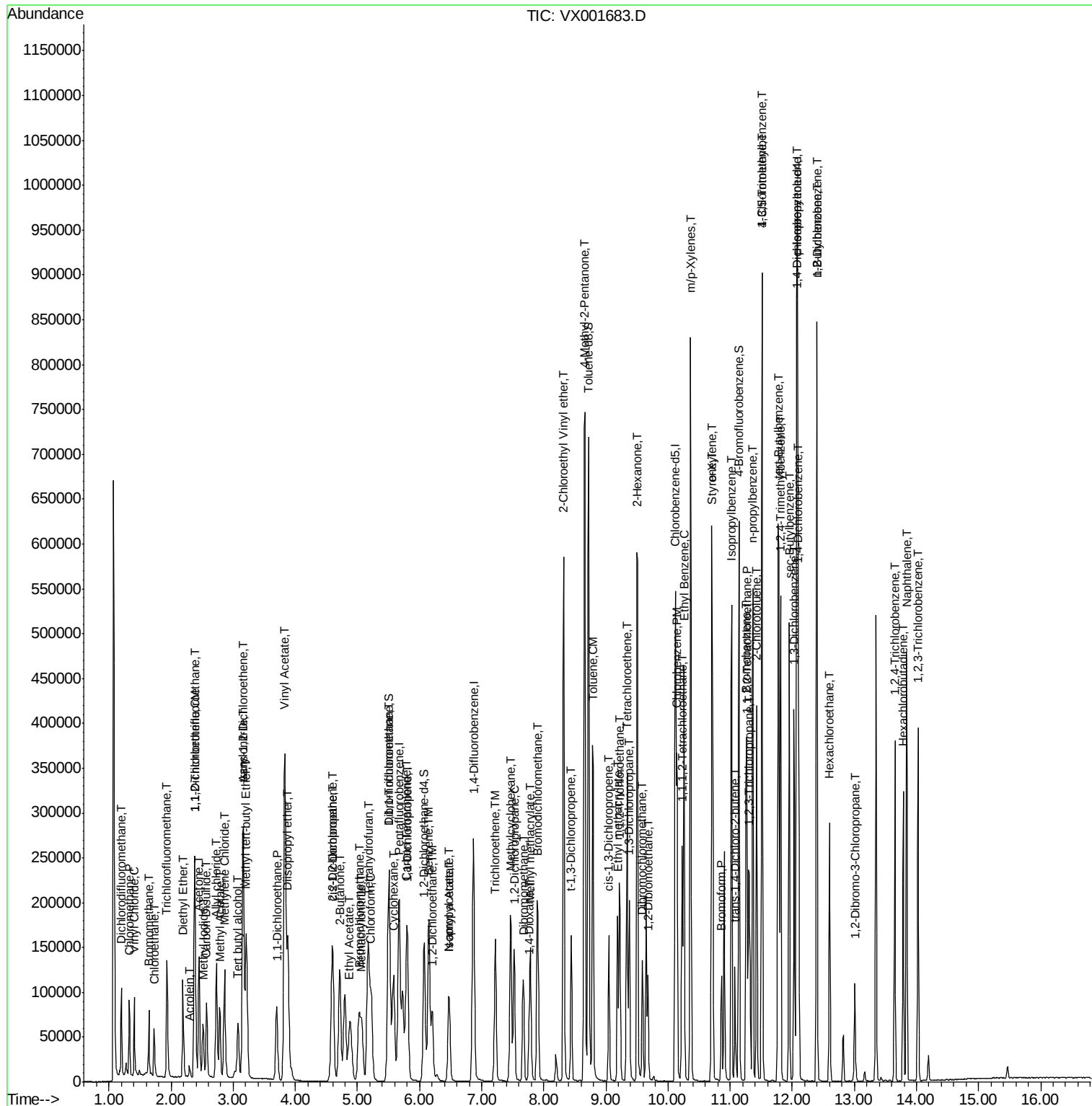
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99526	20.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	53321	19.75	ug/l	99
95) Naphthalene	13.84	128	288611	21.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105399	20.82	ug/l	99

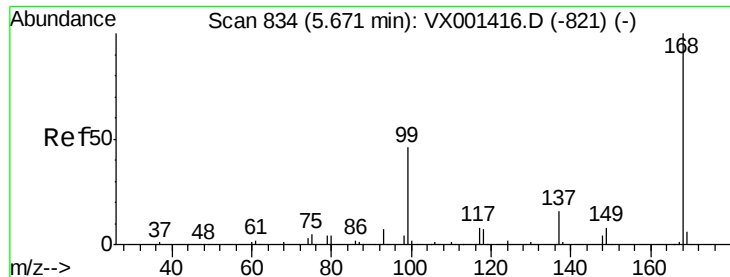
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 27 Sample Multiplier: 1

VX0512WBSD02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

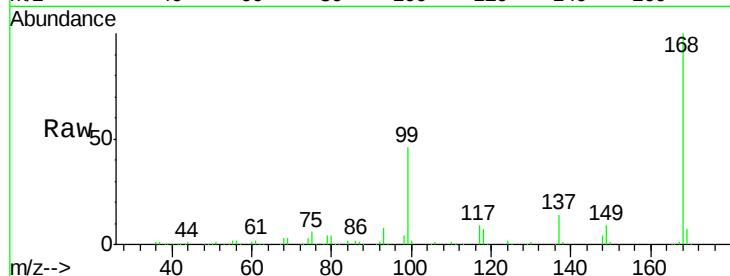
VX0512WBSD02

Tgt Ion:168 Resp: 217931

Ion Ratio Lower Upper

168 100

99 45.9 36.6 54.8



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

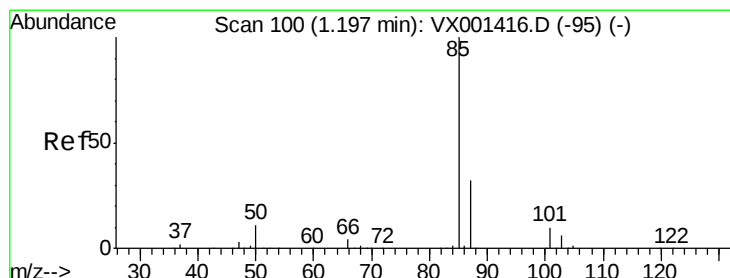
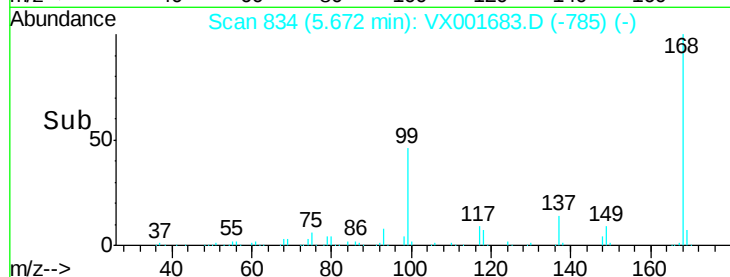
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001683.D

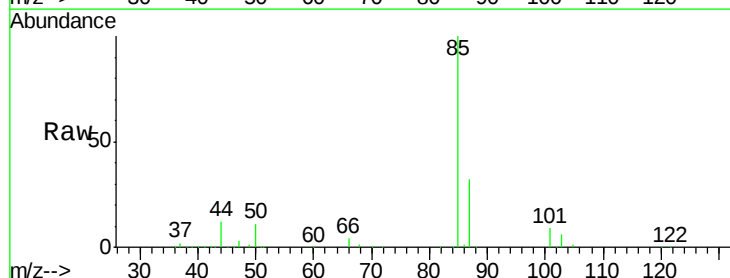
Acq: 12 May 2018 22:55

Tgt Ion: 85 Resp: 54859

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

20000

10000

0

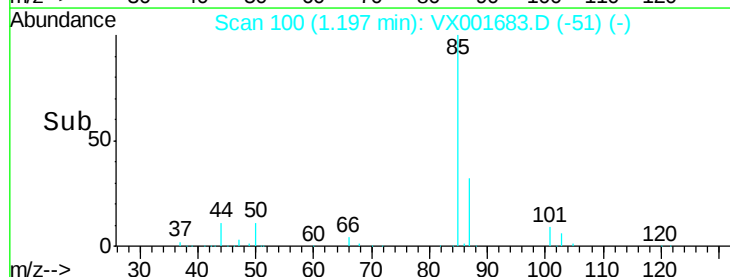
1.15

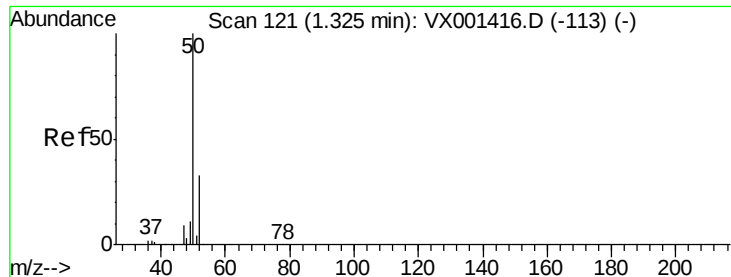
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

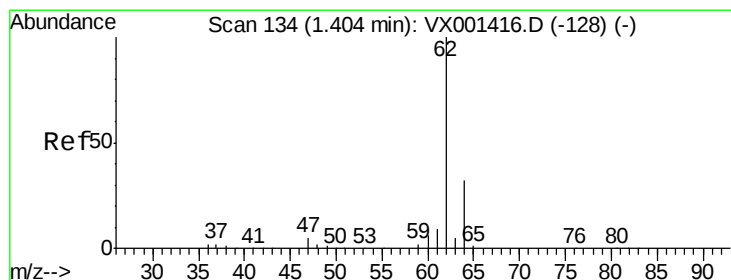
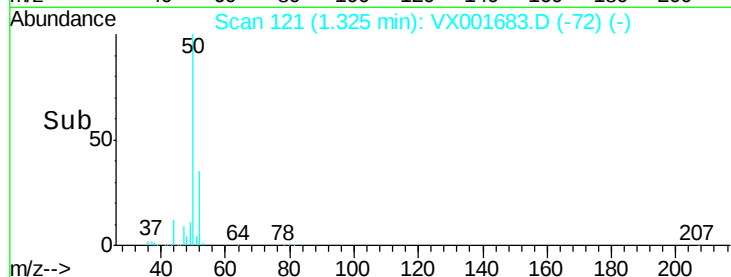
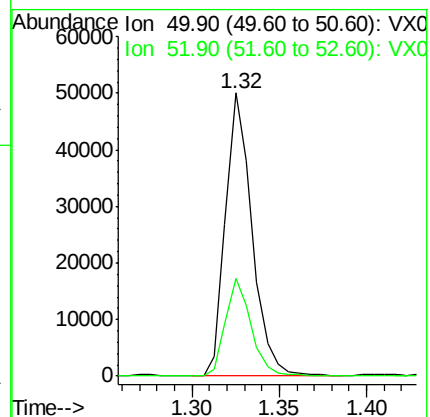
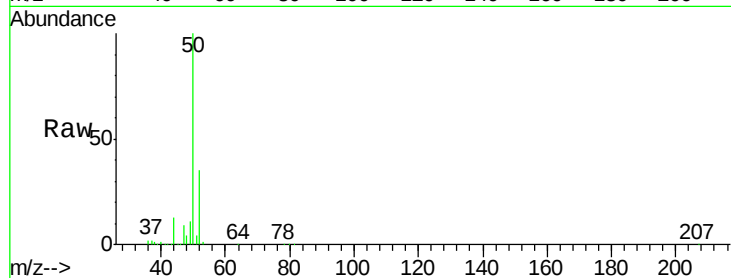
VX0512WBSD02

Tgt Ion: 50 Resp: 53011

Ion Ratio Lower Upper

50 100

52 34.6 26.2 39.4



#4

Vinyl Chloride

Concen: 19.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001683.D

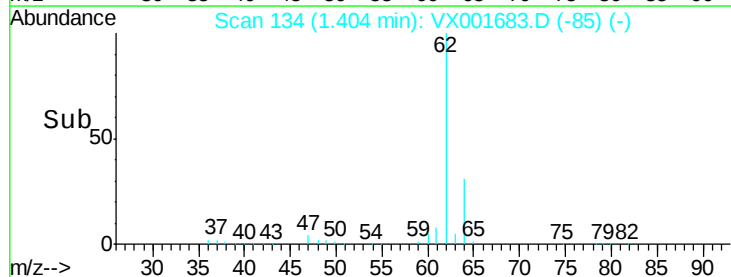
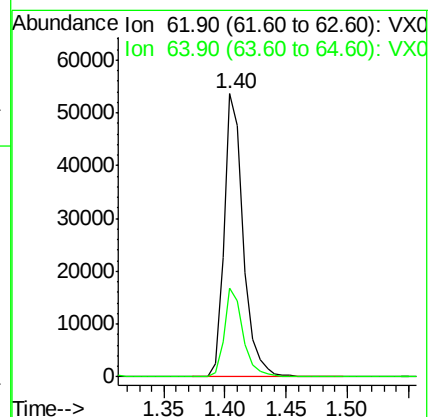
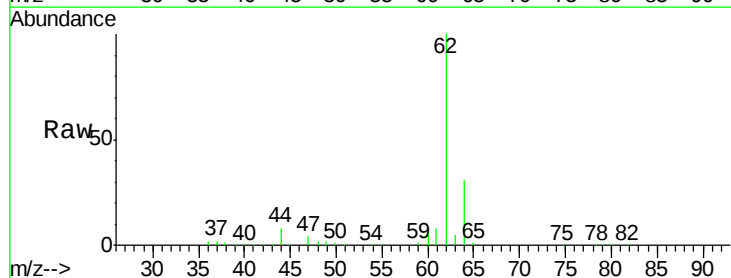
Acq: 12 May 2018 22:55

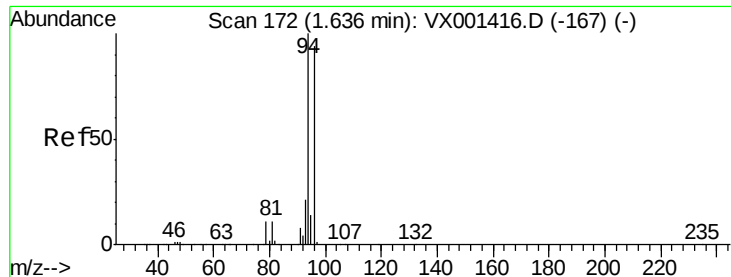
Tgt Ion: 62 Resp: 58716

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6





#5

Bromomethane

Concen: 21.44 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

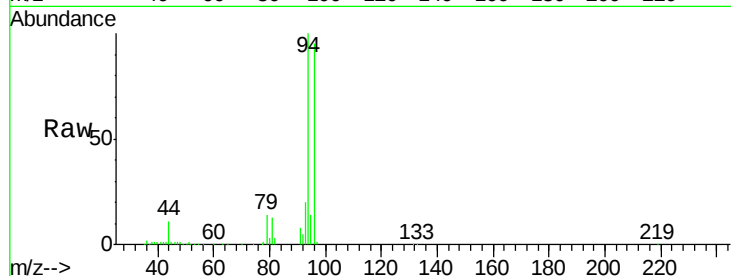
VX0512WBSD02

Tgt Ion: 94 Resp: 31944

Ion Ratio Lower Upper

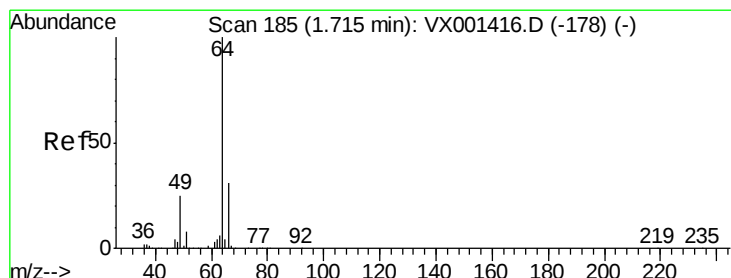
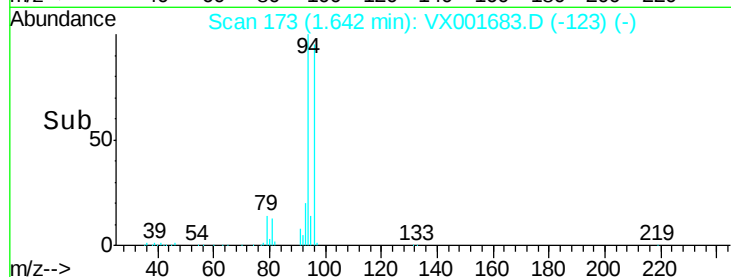
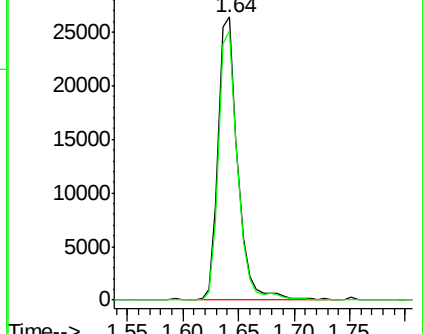
94 100

96 95.4 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001683.D

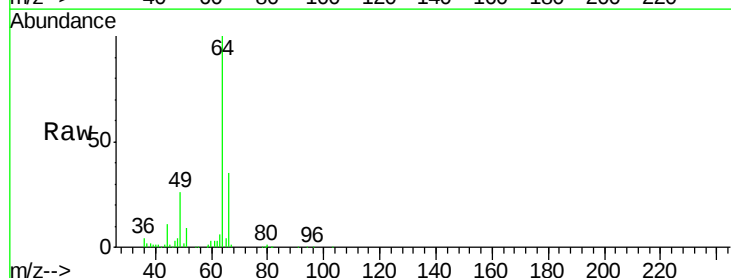
Acq: 12 May 2018 22:55

Tgt Ion: 64 Resp: 38370

Ion Ratio Lower Upper

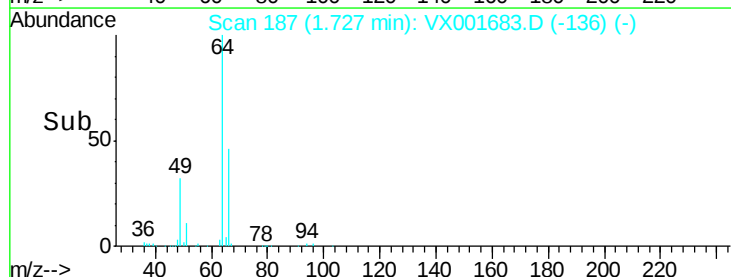
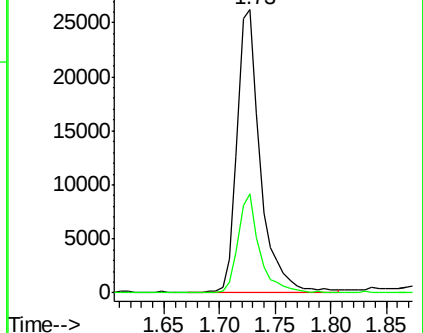
64 100

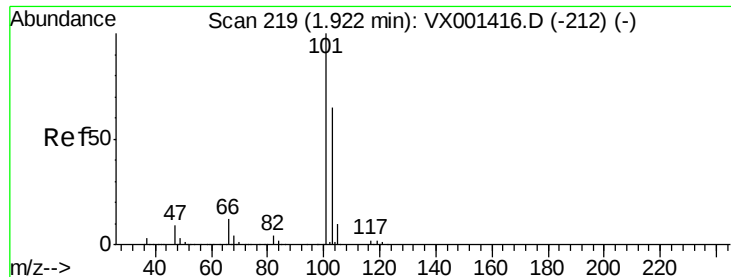
66 34.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



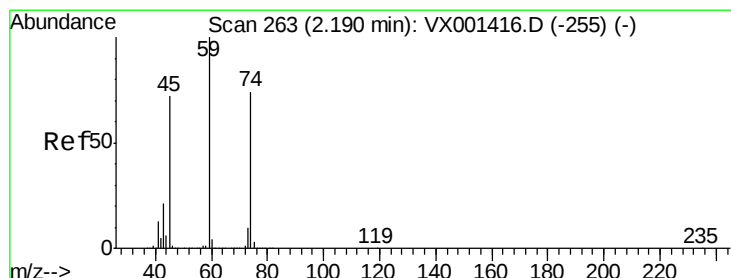
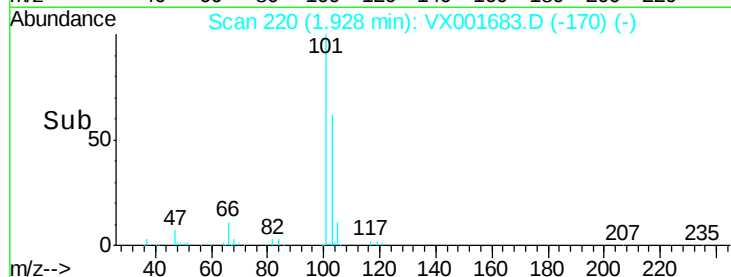
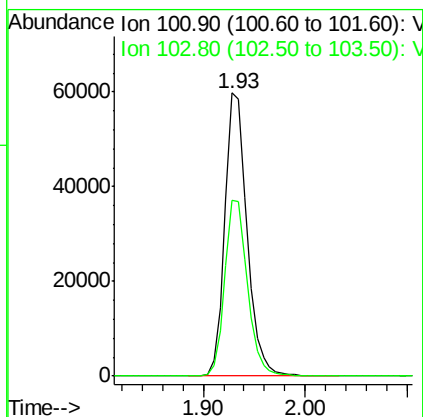
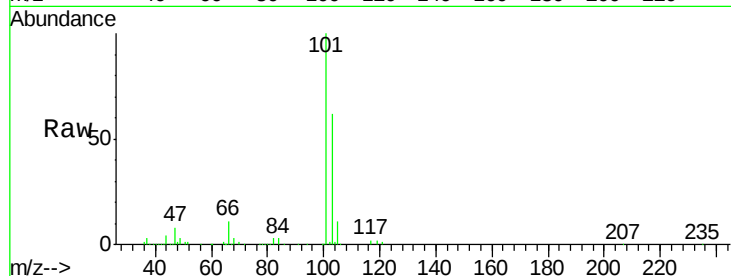


#7

Trichlorofluoromethane
 Concen: 20.12 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

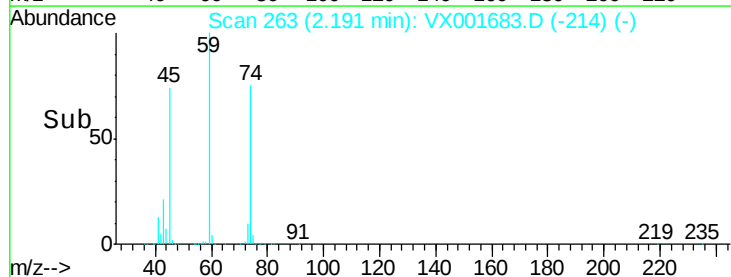
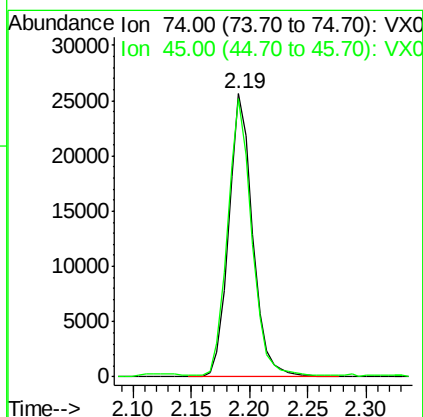
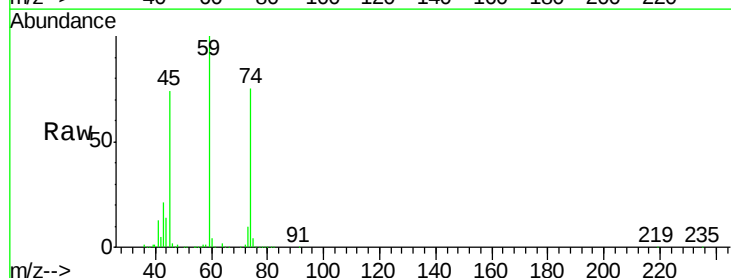
Tgt Ion:101 Resp: 90296
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.0 78.0

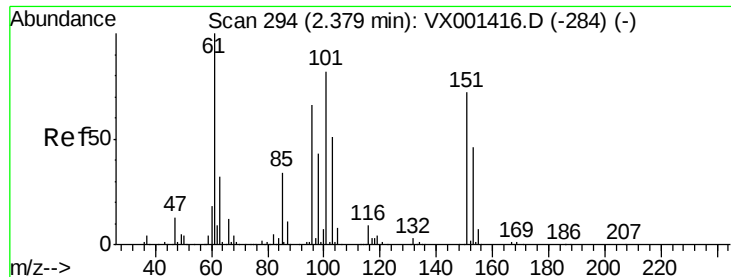


#8

Diethyl Ether
 Concen: 20.81 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 74 Resp: 36597
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.9 143.6

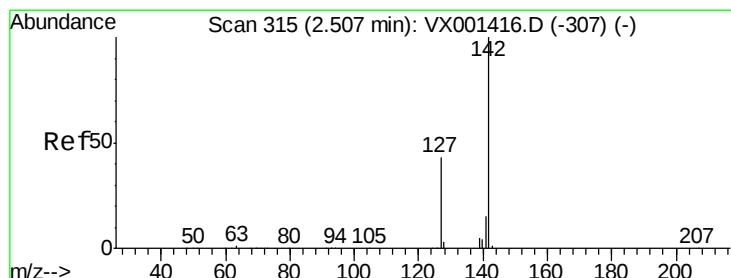
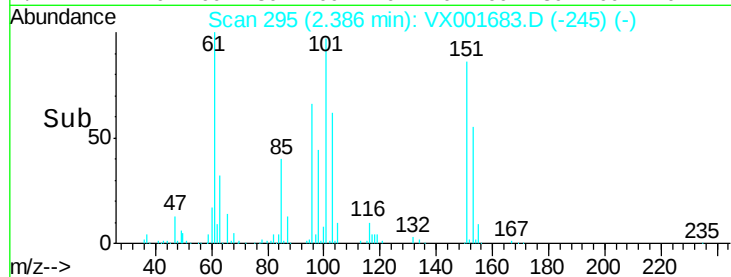
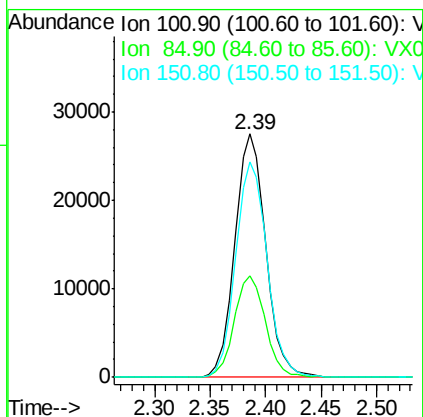
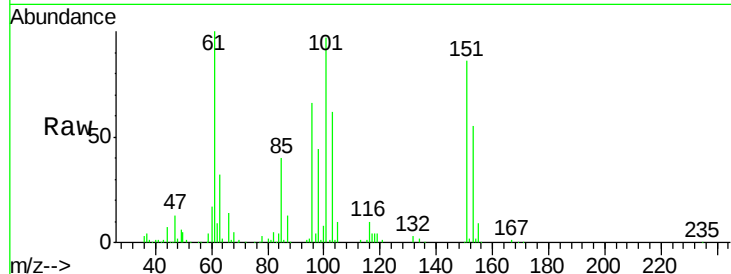




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.12 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

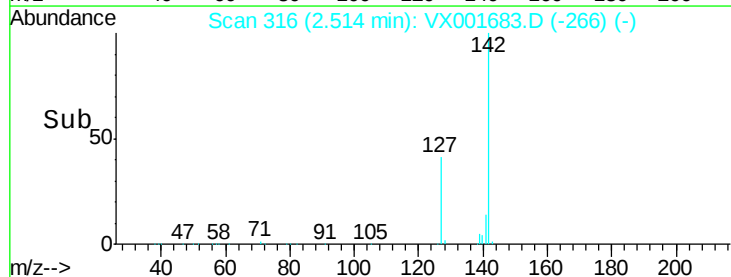
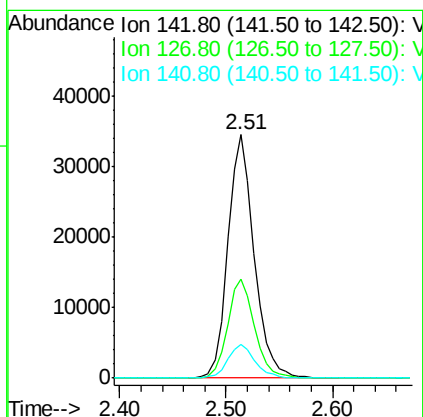
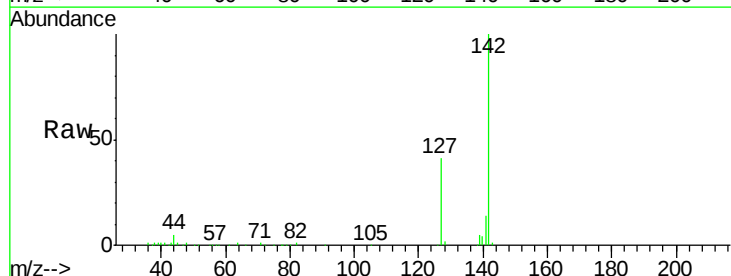
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

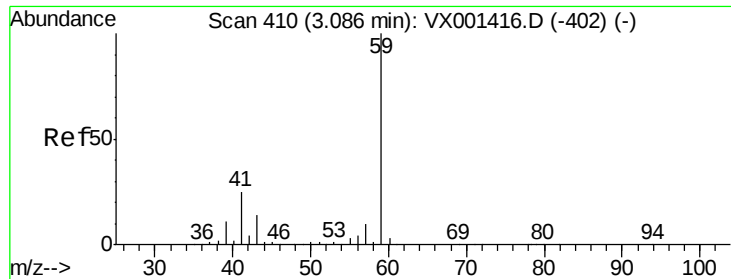
Tgt Ion:101 Resp: 52938
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.7 50.5
 151 90.0 72.3 108.5



#10
 Methyl Iodide
 Concen: 15.69 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:142 Resp: 59560
 Ion Ratio Lower Upper
 142 100
 127 41.6 33.6 50.4
 141 14.4 11.4 17.2



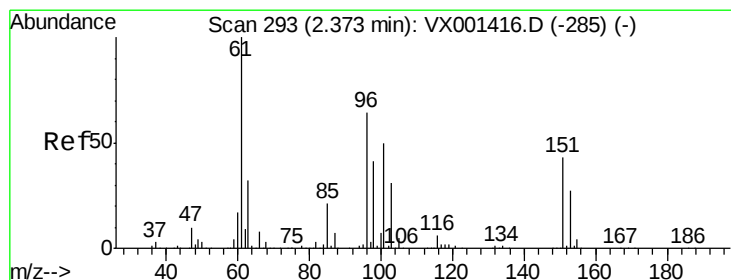
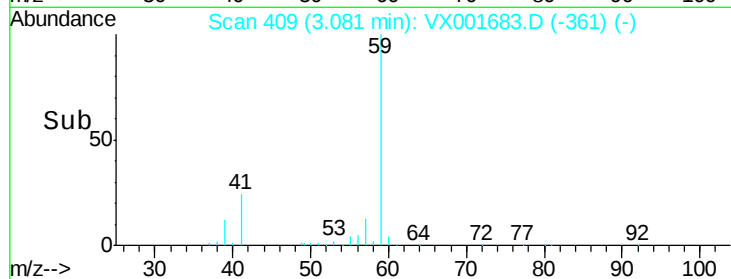
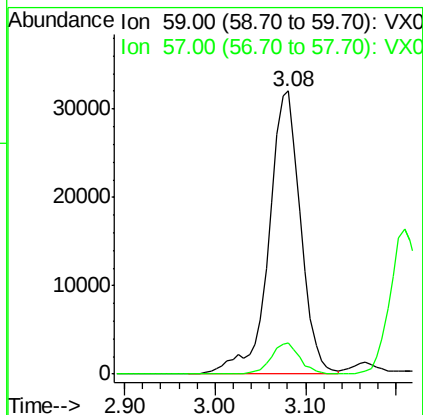
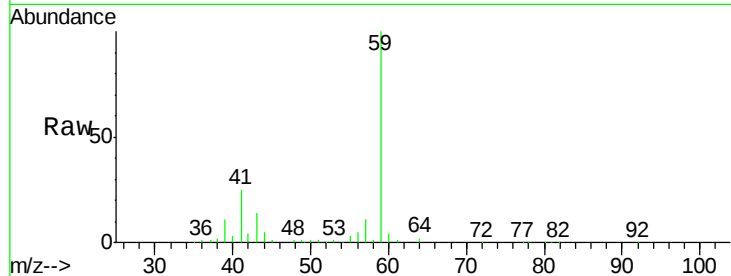


#11

Tert butyl alcohol
 Concen: 117.60 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

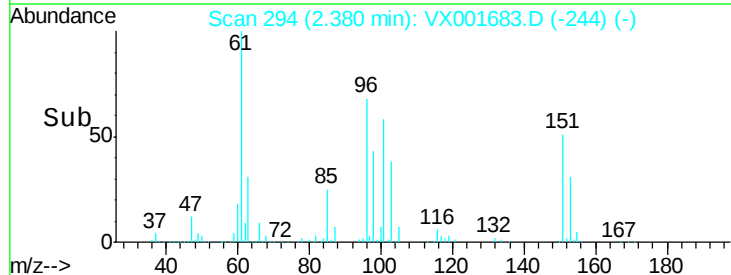
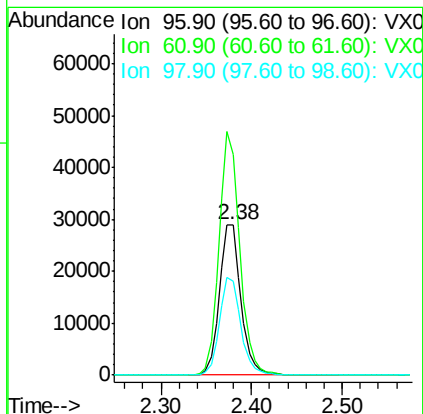
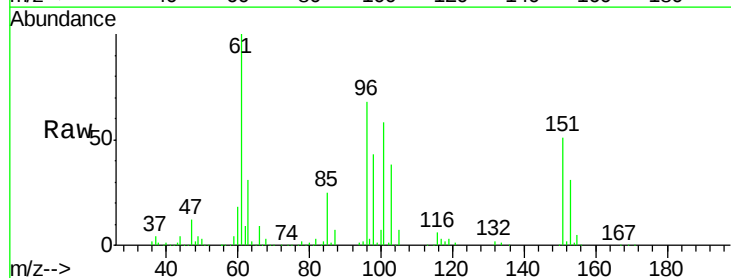
Tgt Ion: 59 Resp: 77666
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

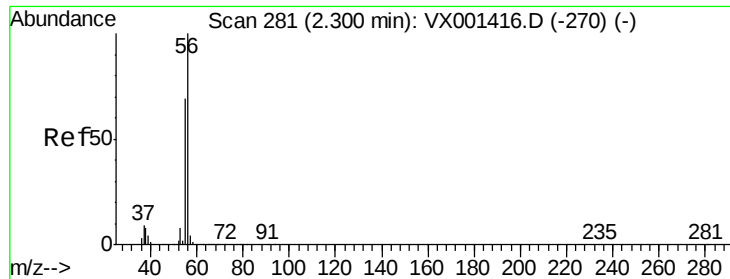


#12

1,1-Dichloroethene
 Concen: 19.92 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 96 Resp: 48036
 Ion Ratio Lower Upper
 96 100
 61 146.9 125.7 188.5
 98 62.6 52.0 78.0





#13

Acrolein

Concen: 64.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

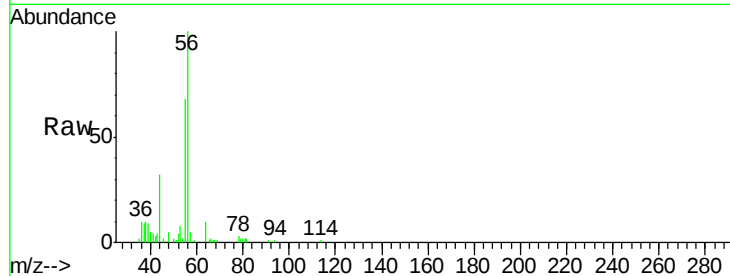
VX0512WBSD02

Tgt Ion: 56 Resp: 9525

Ion Ratio Lower Upper

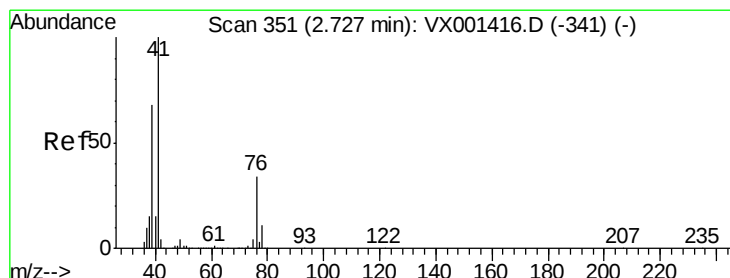
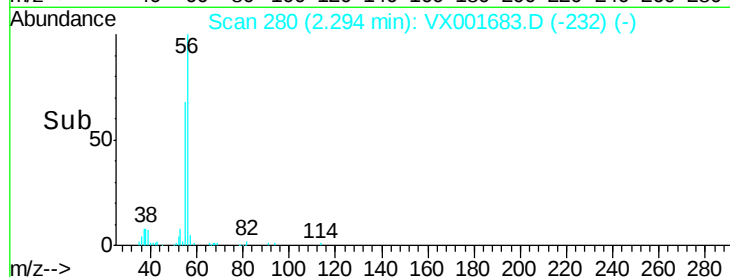
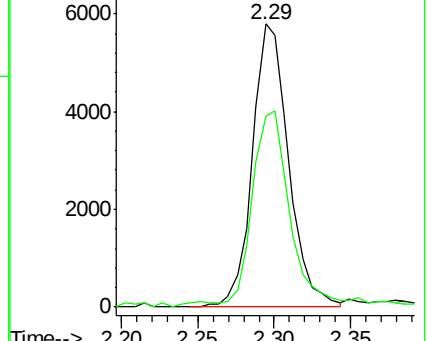
56 100

55 73.2 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

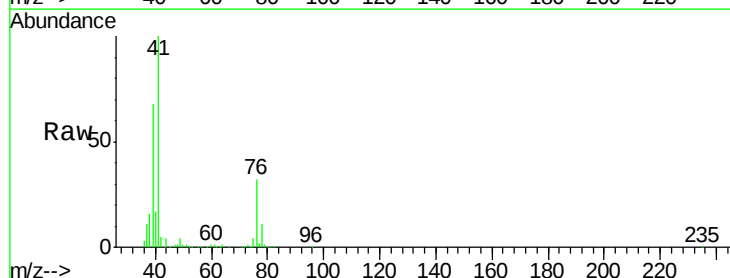
Tgt Ion: 41 Resp: 90177

Ion Ratio Lower Upper

41 100

39 63.4 52.4 78.6

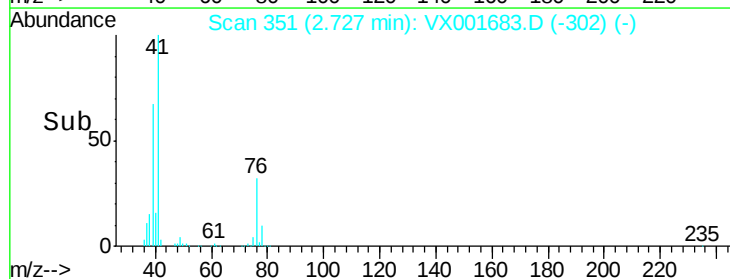
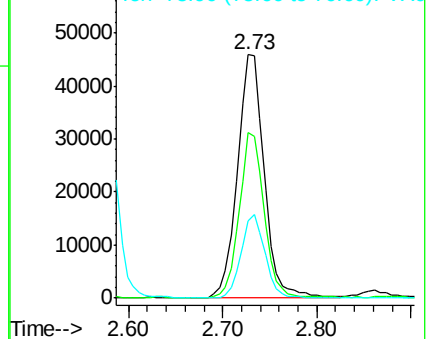
76 30.8 25.8 38.6

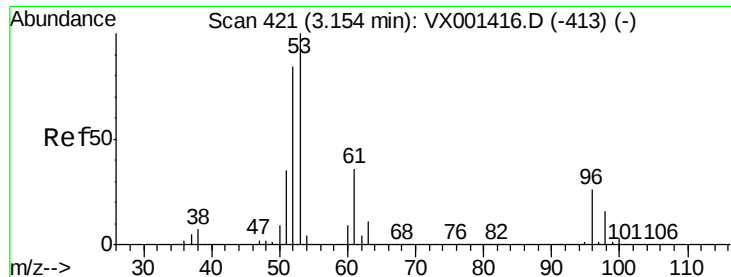


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

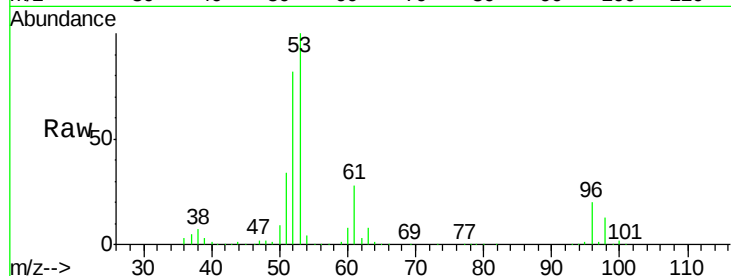
Tgt Ion: 53 Resp: 161085

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

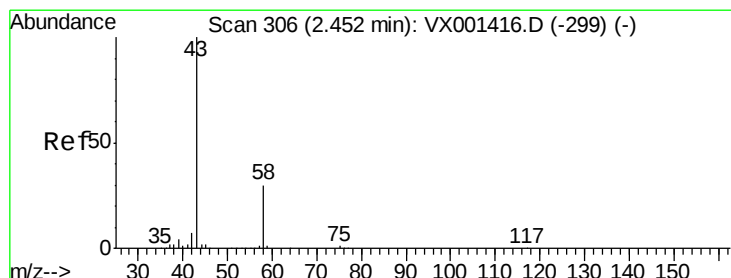
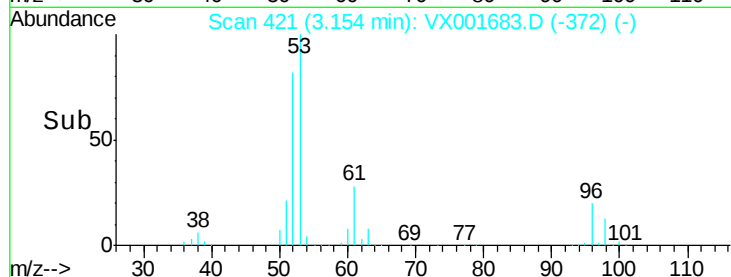
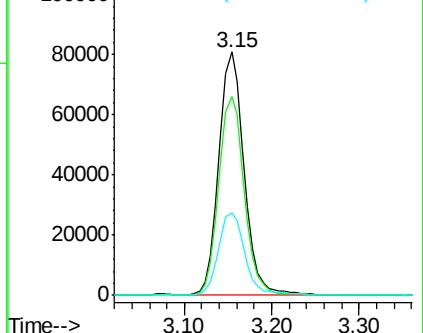
51 35.6 28.6 43.0



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: 101.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001683.D

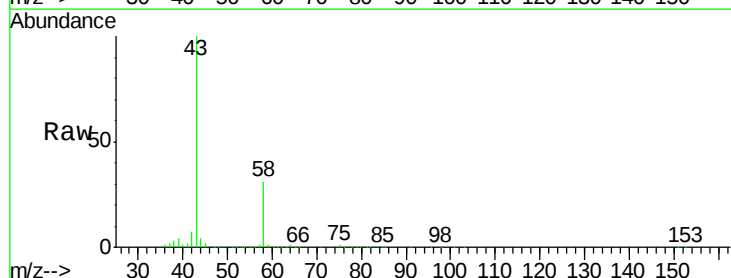
Acq: 12 May 2018 22:55

Tgt Ion: 43 Resp: 144156

Ion Ratio Lower Upper

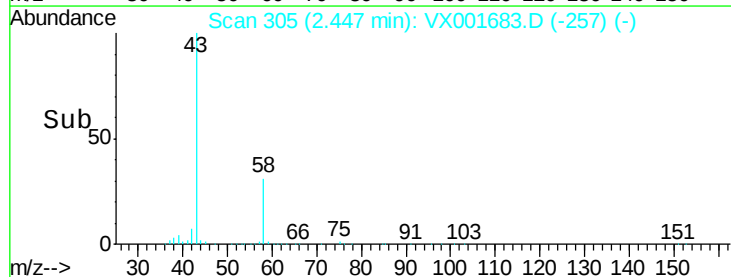
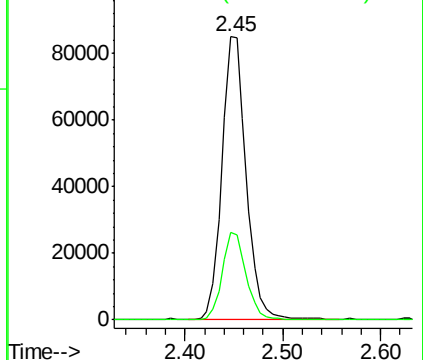
43 100

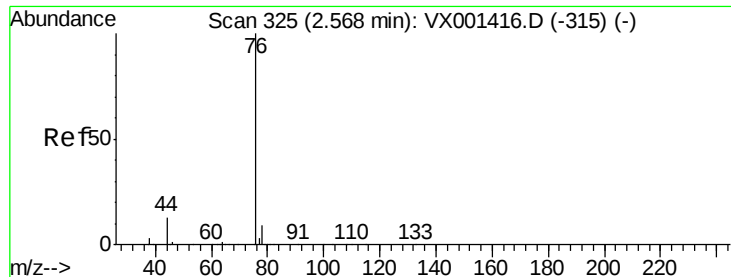
58 30.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

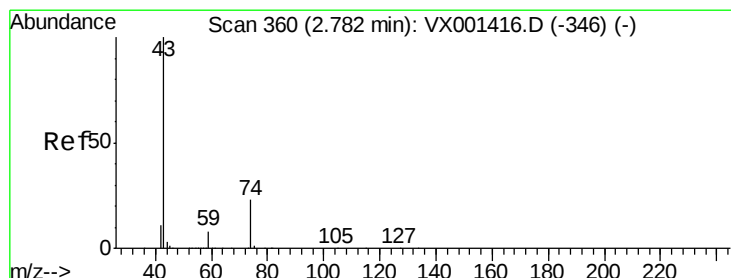
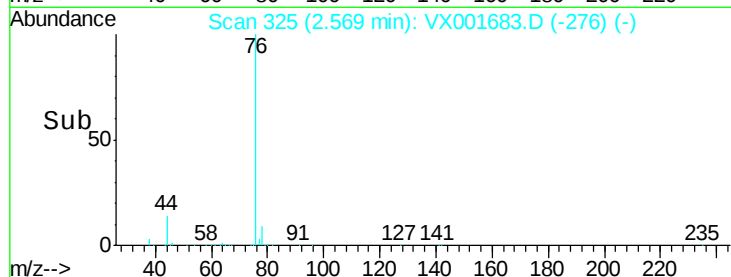
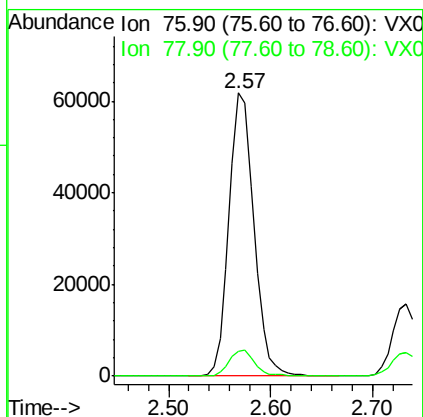
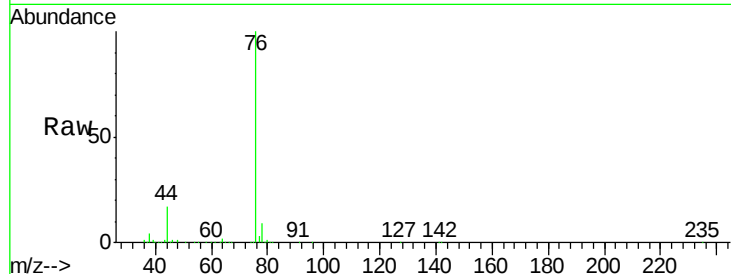




#17
Carbon Disulfide
Concen: 17.00 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

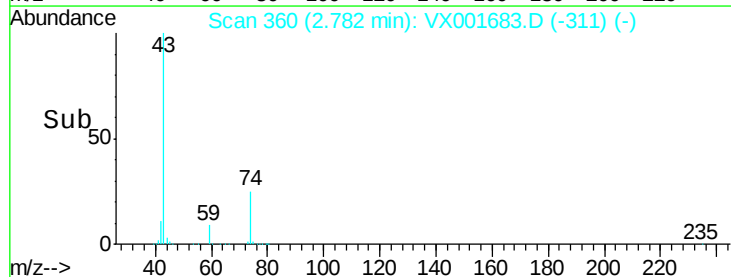
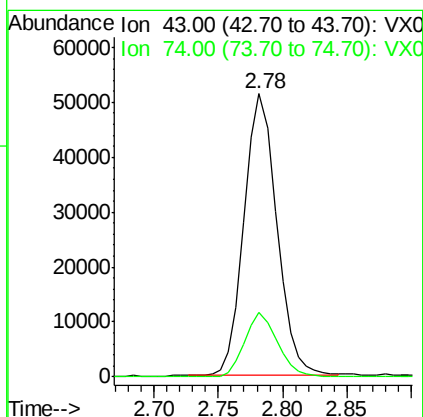
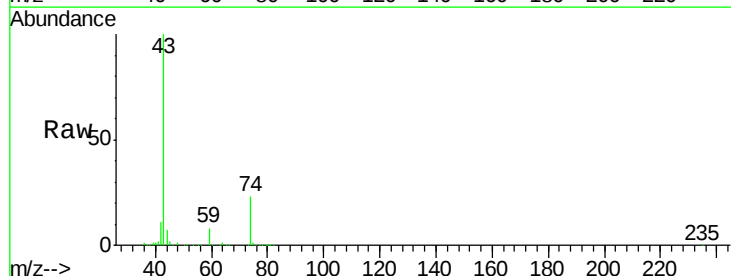
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

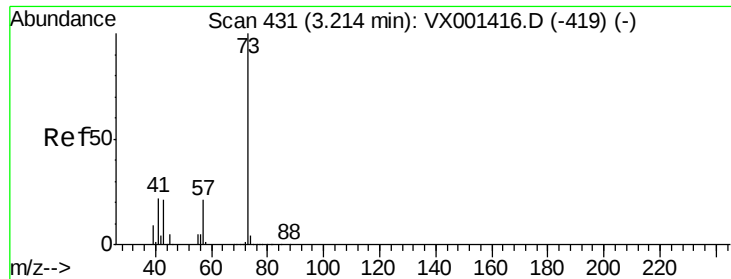
Tgt Ion: 76 Resp: 104316
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 24.25 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 43 Resp: 90605
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

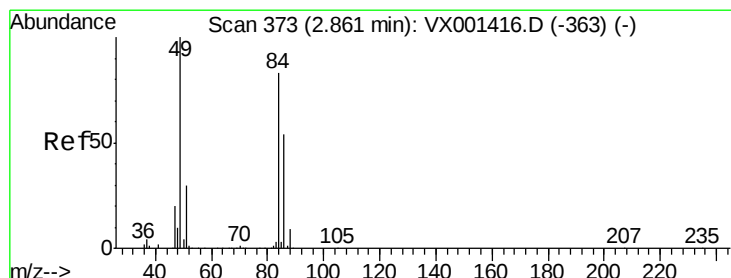
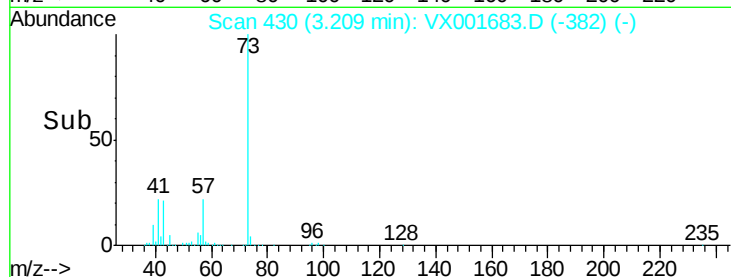
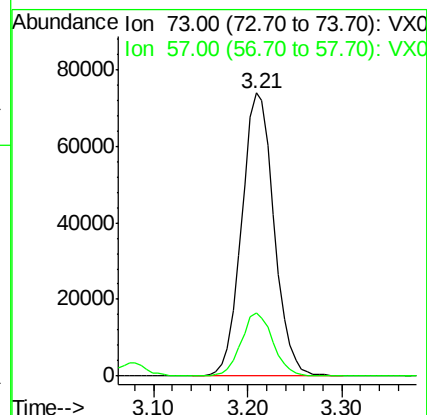
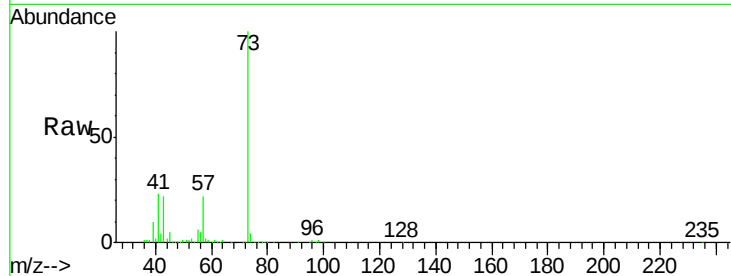




#19
Methyl tert-butyl Ether
Concen: 21.11 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

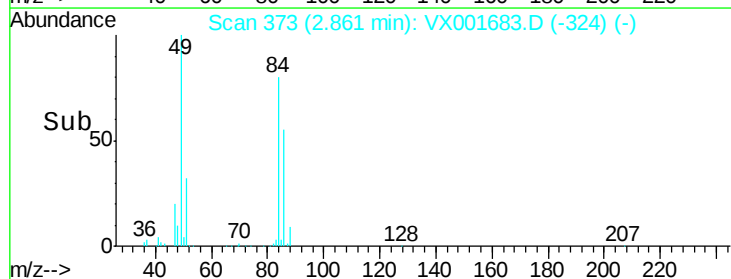
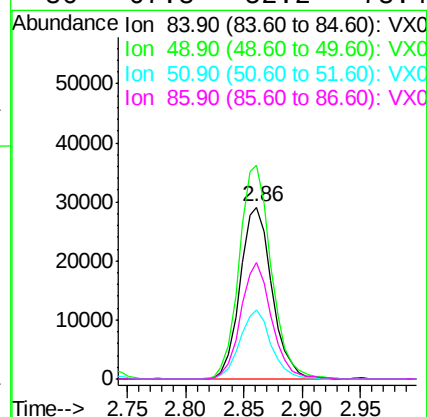
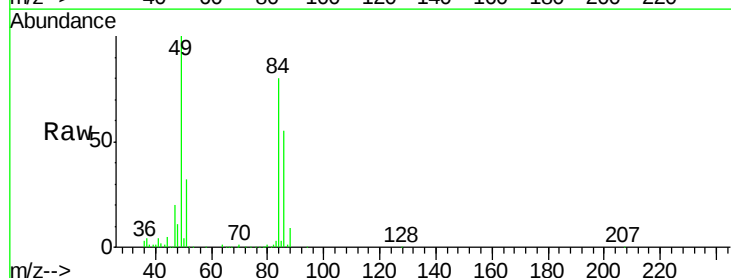
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

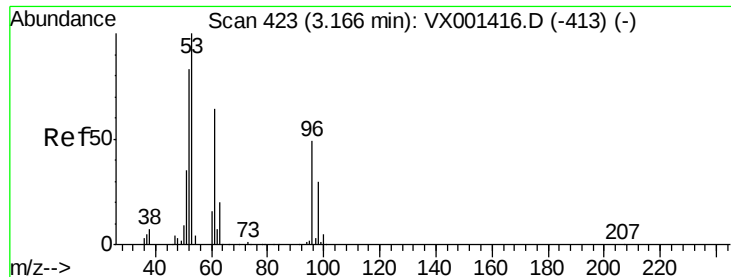
Tgt Ion: 73 Resp: 177244
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 19.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 84 Resp: 55928
Ion Ratio Lower Upper
84 100
49 124.4 96.6 144.8
51 40.2 29.0 43.4
86 67.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

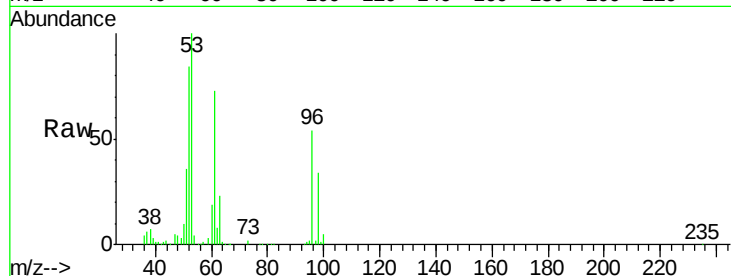
Tgt Ion: 96 Resp: 50692

Ion Ratio Lower Upper

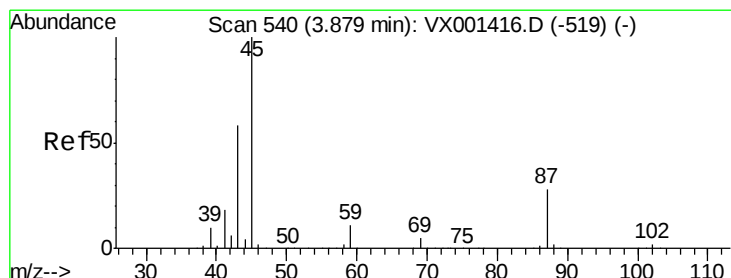
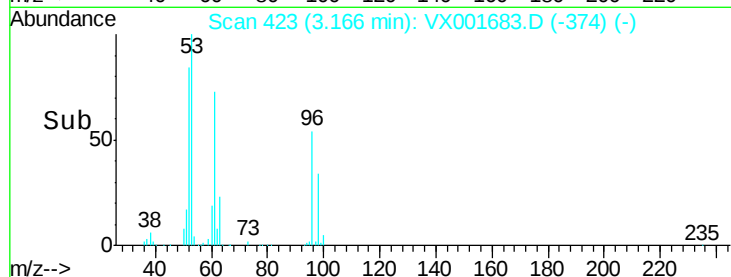
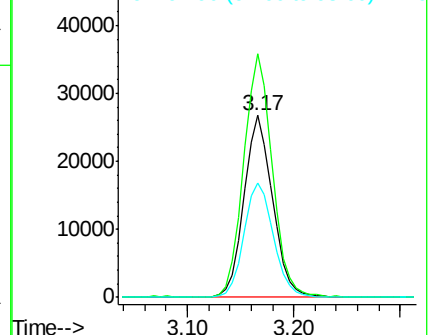
96 100

61 133.6 105.0 157.4

98 62.6 49.9 74.9



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: 21.09 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Tgt Ion: 45 Resp: 177159

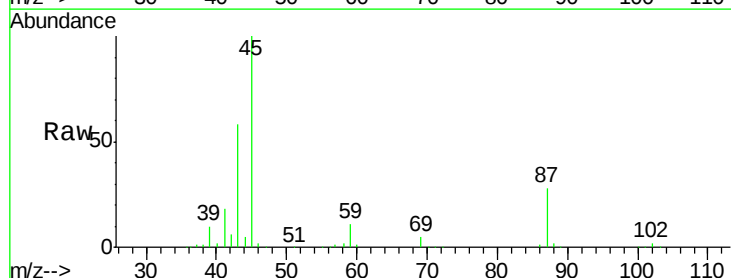
Ion Ratio Lower Upper

45 100

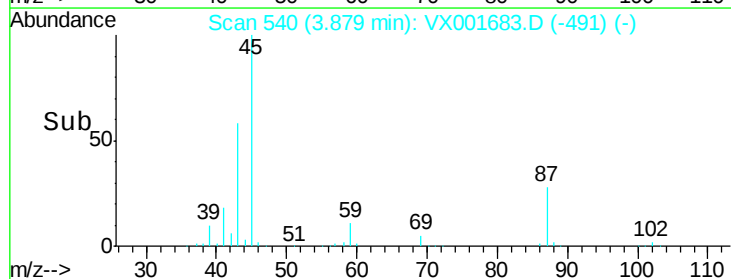
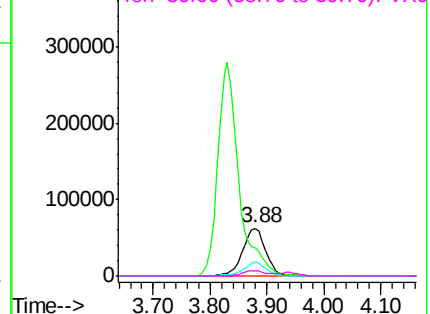
43 57.7 46.5 69.7

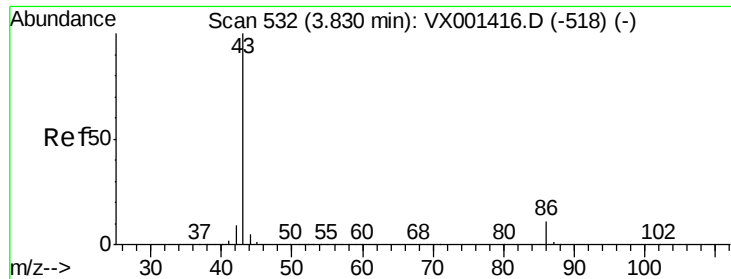
87 28.3 22.6 34.0

59 10.6 9.1 13.7



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: 102.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

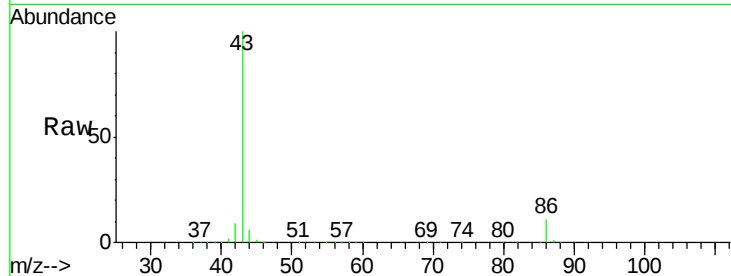
VX0512WBSD02

Tgt Ion: 43 Resp: 719197

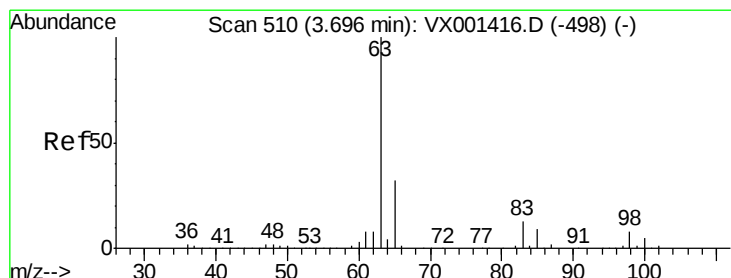
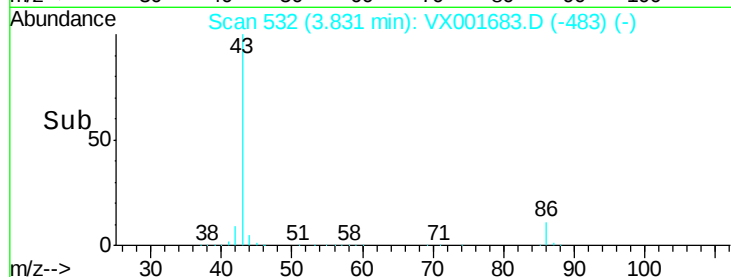
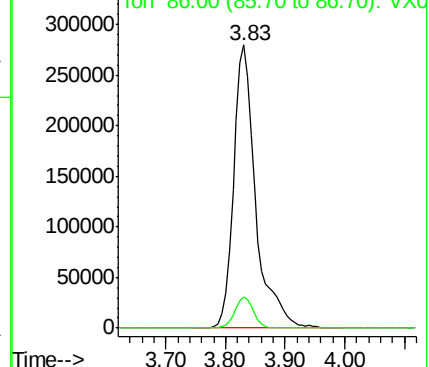
Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 20.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

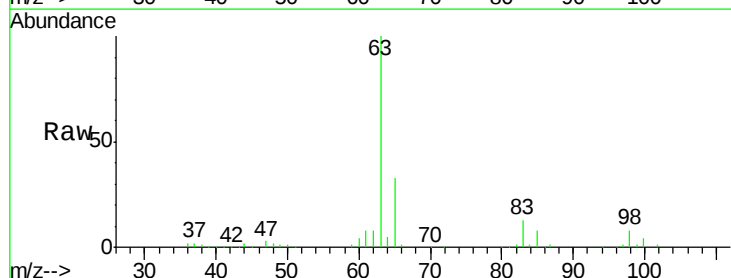
Tgt Ion: 63 Resp: 95344

Ion Ratio Lower Upper

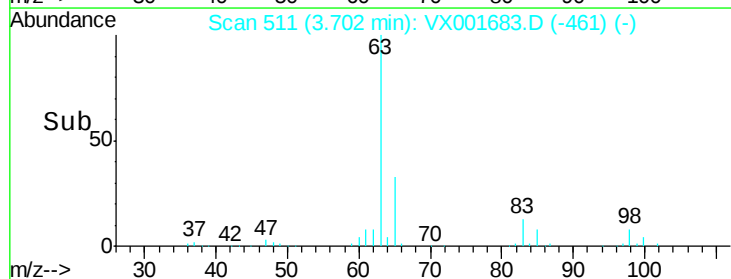
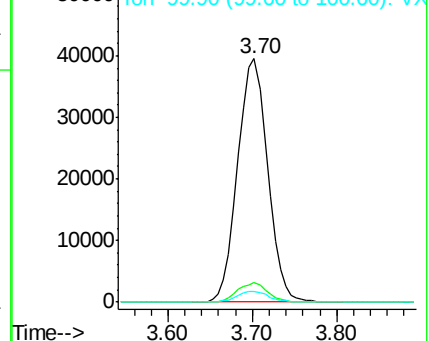
63 100

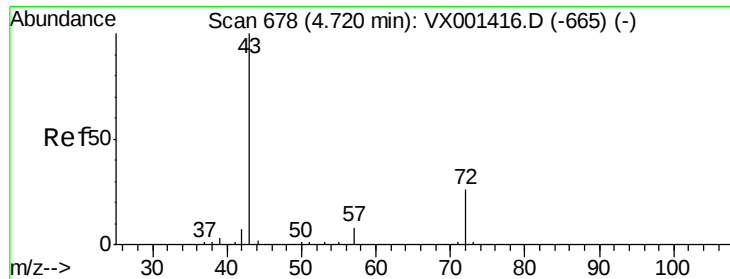
98 7.8 3.8 11.4

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 107.00 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

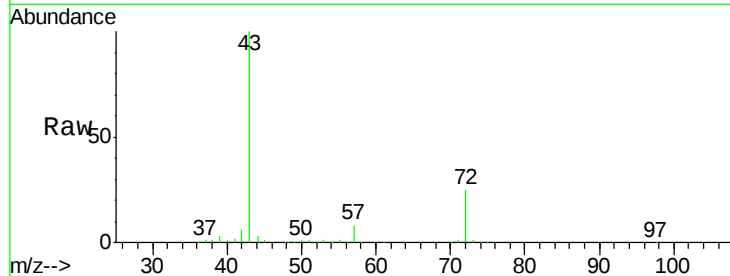
VX0512WBSD02

Tgt Ion: 43 Resp: 219984

Ion Ratio Lower Upper

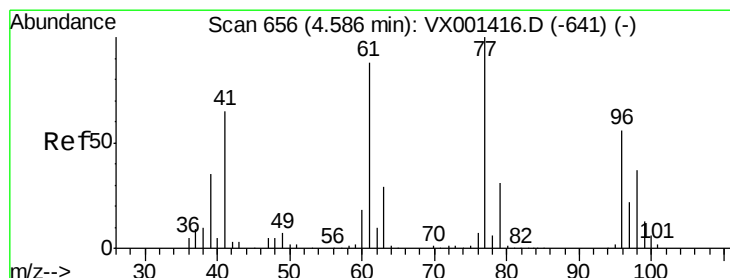
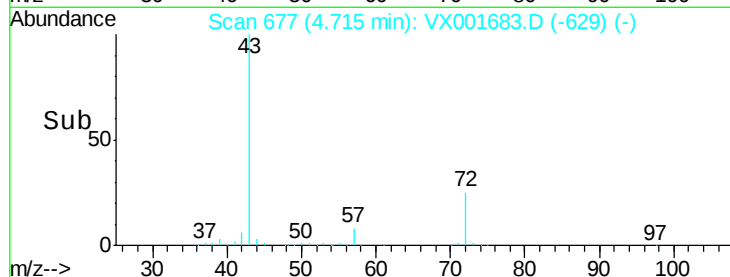
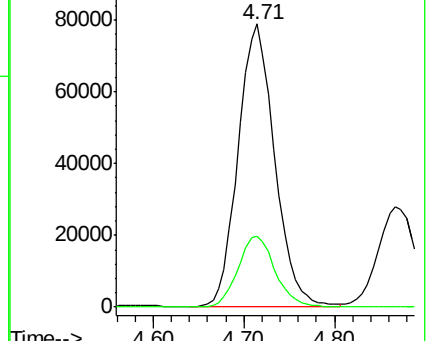
43 100

72 25.0 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.33 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001683.D

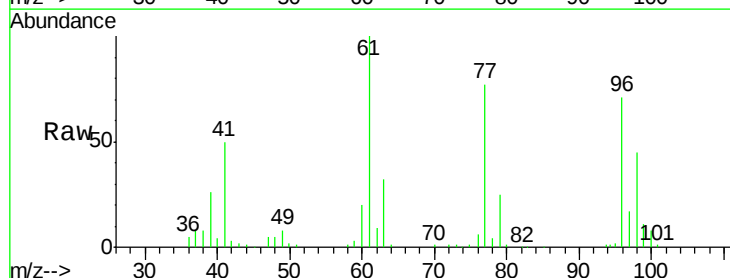
Acq: 12 May 2018 22:55

Tgt Ion: 77 Resp: 62793

Ion Ratio Lower Upper

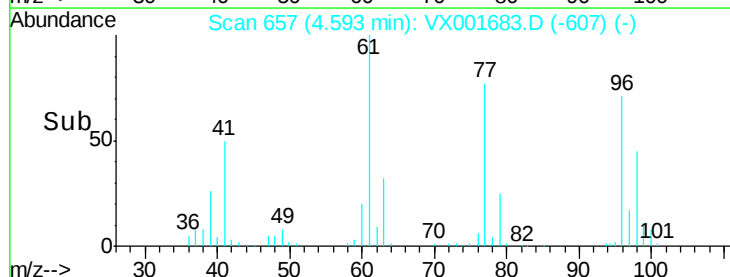
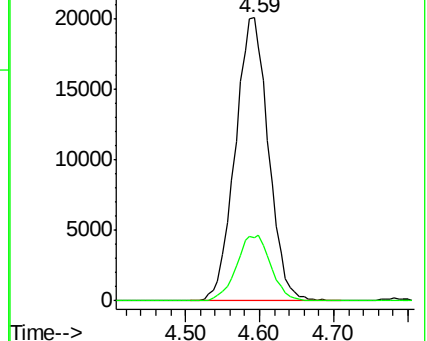
77 100

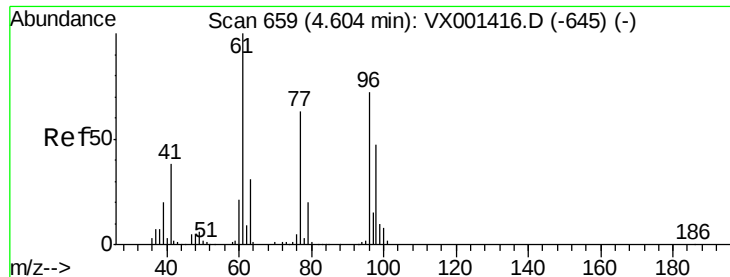
97 23.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



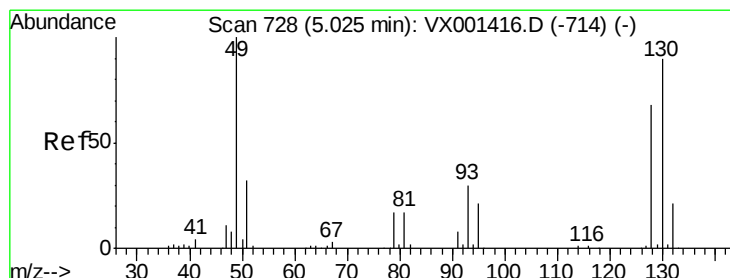
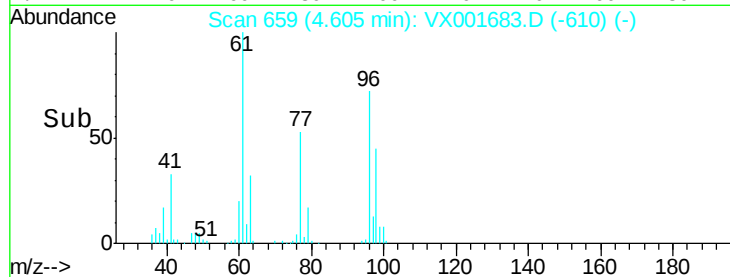
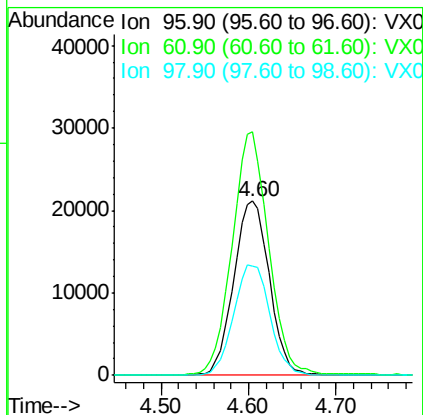
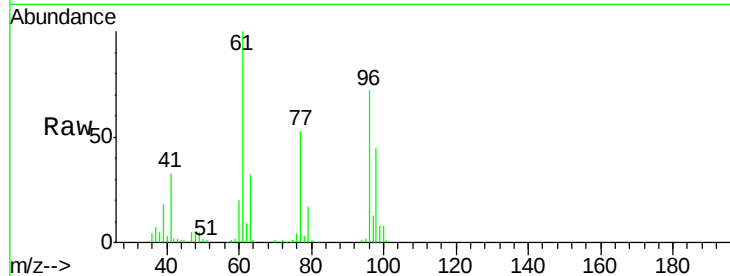


#27

cis-1,2-Dichloroethene
Concen: 20.90 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

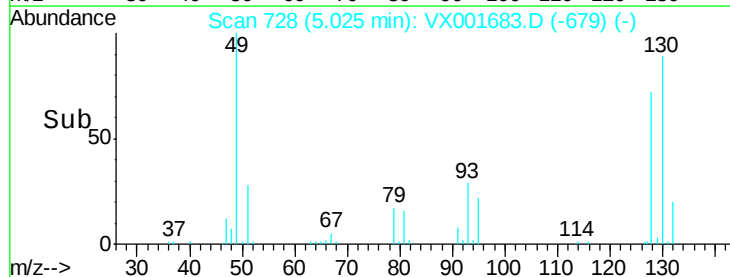
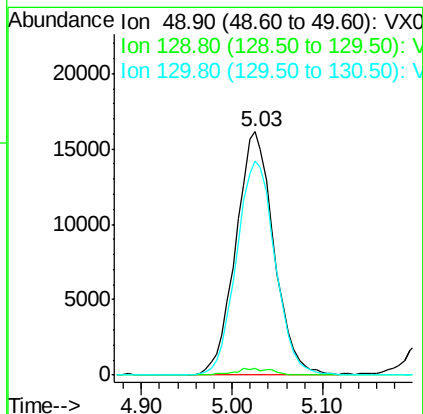
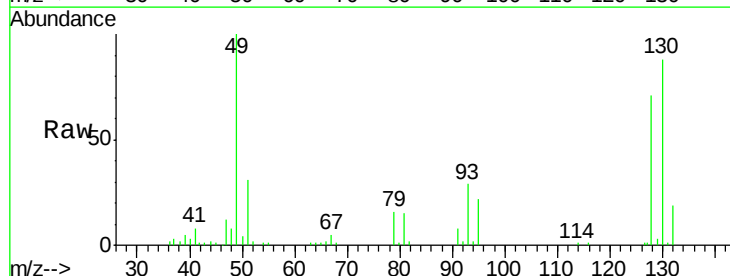
Tgt Ion: 96 Resp: 59915
Ion Ratio Lower Upper
96 100
61 143.5 0.0 301.6
98 64.4 0.0 131.6

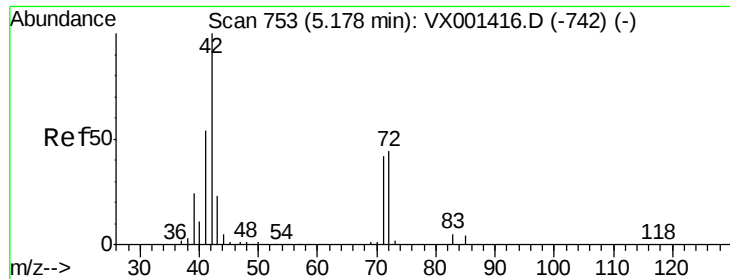


#28

Bromochloromethane
Concen: 23.11 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 49 Resp: 47021
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 89.1 71.9 107.9

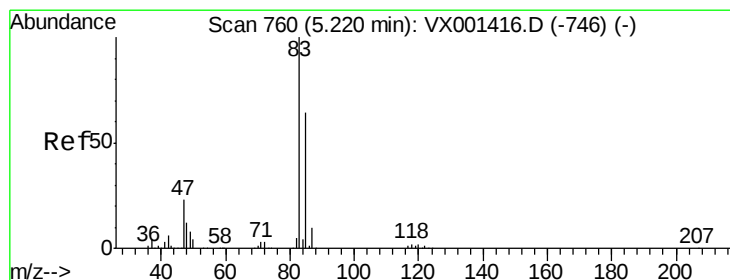
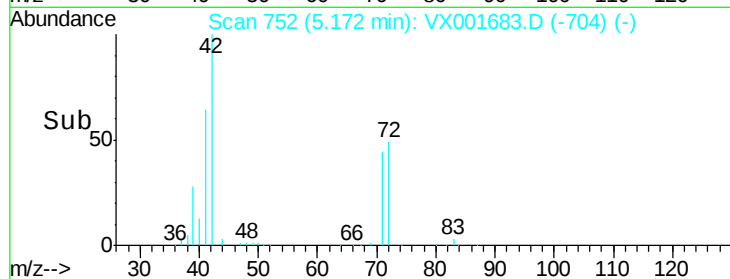
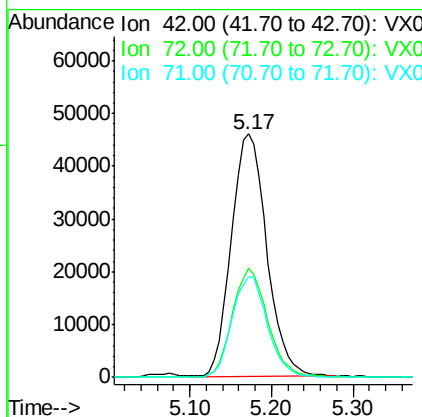
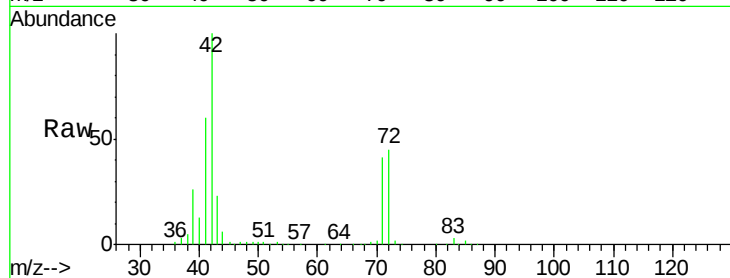




#29
Tetrahydrofuran
Concen: 105.35 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

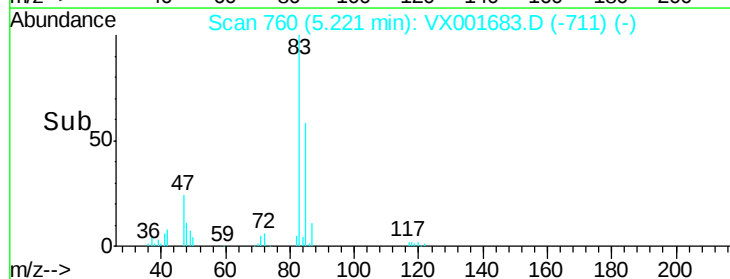
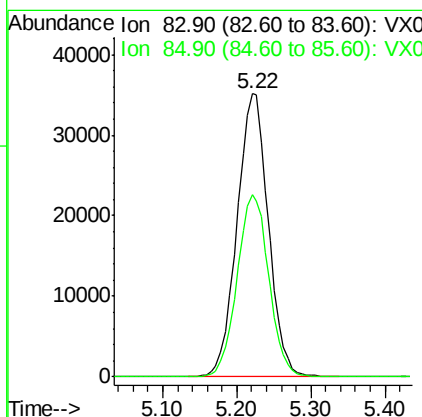
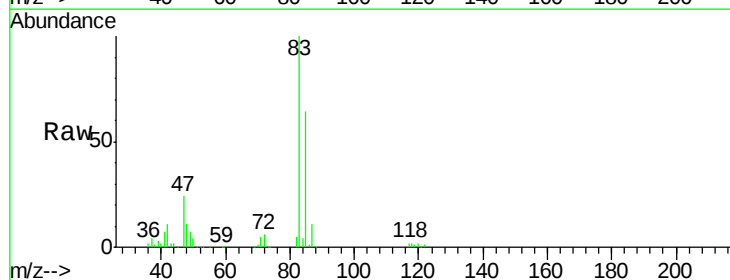
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

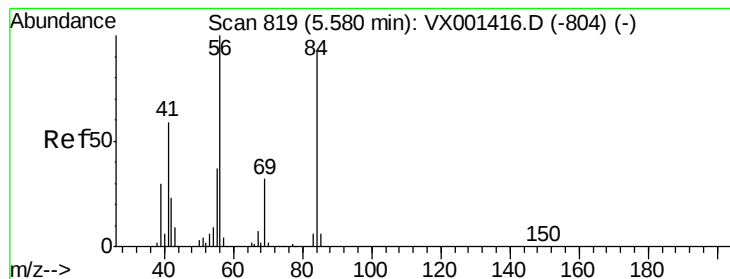
Tgt Ion: 42 Resp: 138579
Ion Ratio Lower Upper
42 100
72 44.9 35.4 53.2
71 41.4 33.0 49.4



#30
Chloroform
Concen: 21.44 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 83 Resp: 103640
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4





#31

Cyclohexane

Concen: 19.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

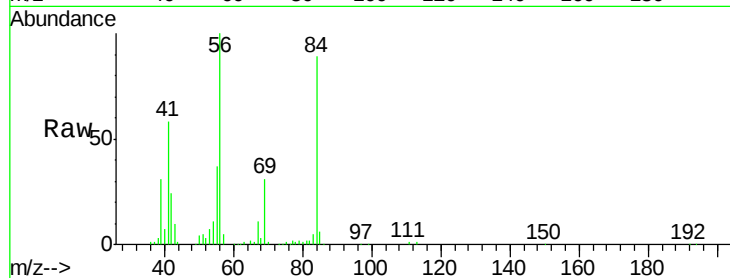
Tgt Ion: 56 Resp: 78242

Ion Ratio Lower Upper

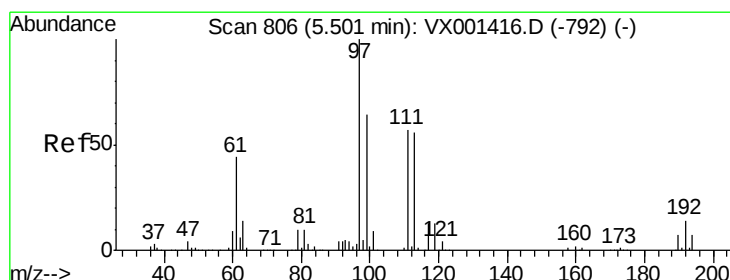
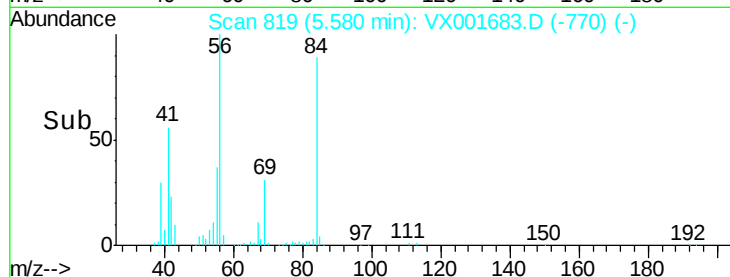
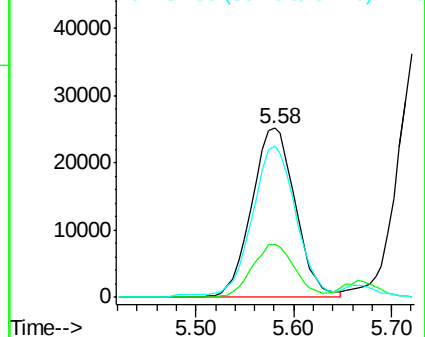
56 100

69 31.4 25.4 38.0

84 87.6 73.8 110.8



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: 21.05 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

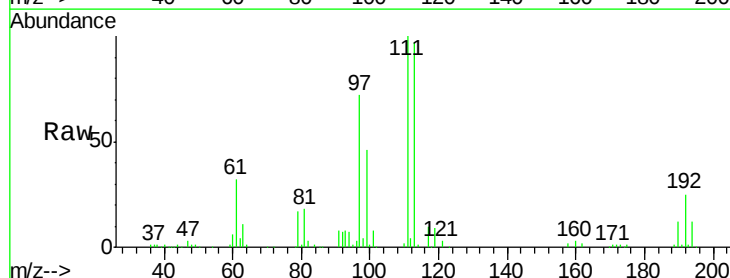
Tgt Ion: 97 Resp: 88934

Ion Ratio Lower Upper

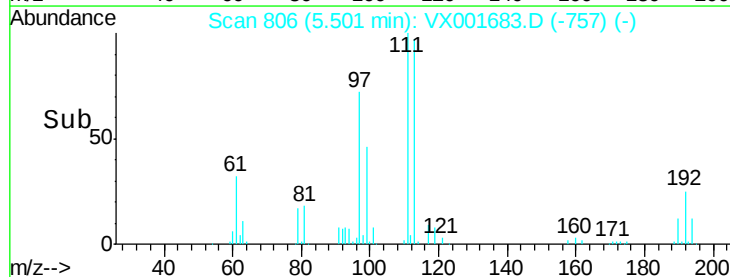
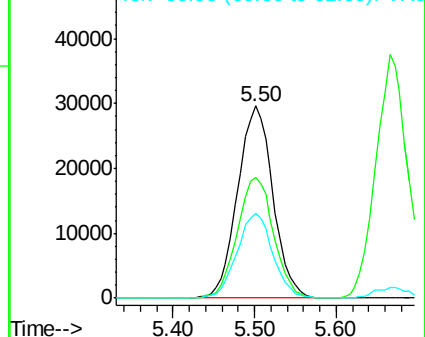
97 100

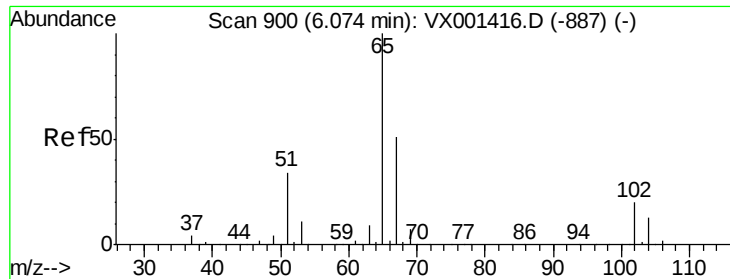
99 64.4 51.3 76.9

61 44.8 34.8 52.2



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

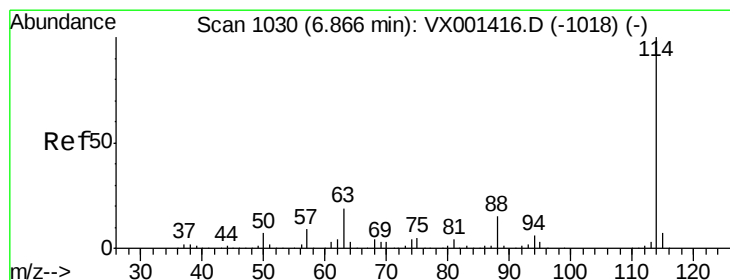
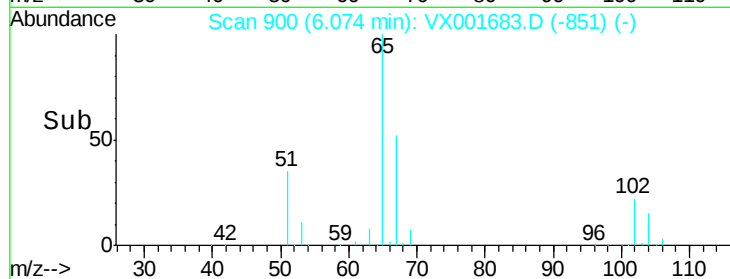
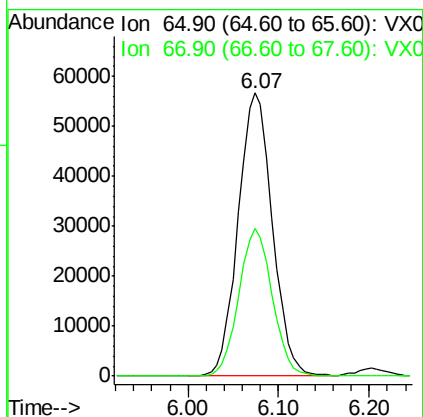
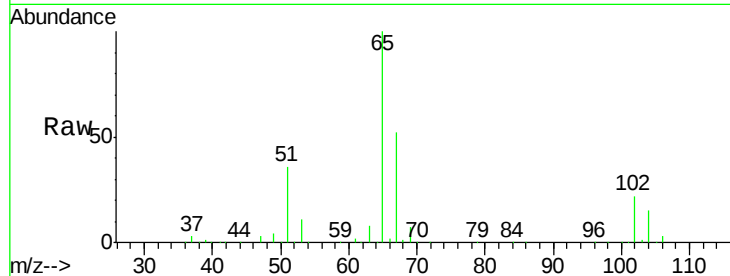




#33
 1,2-Dichloroethane-d4
 Concen: 47.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

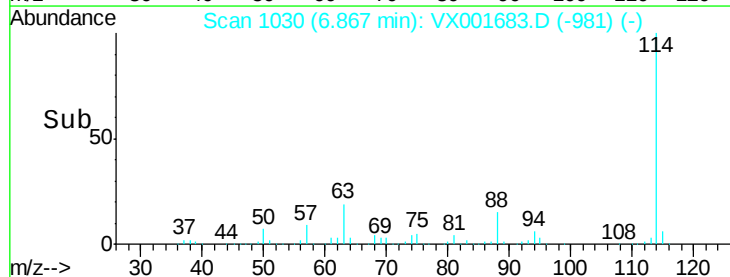
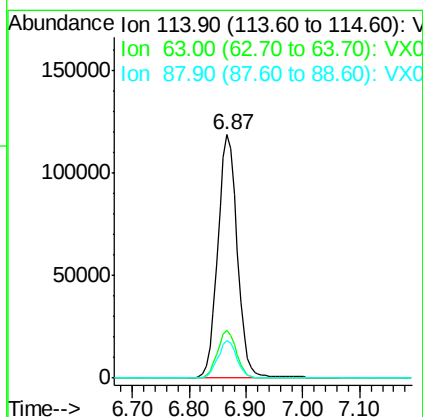
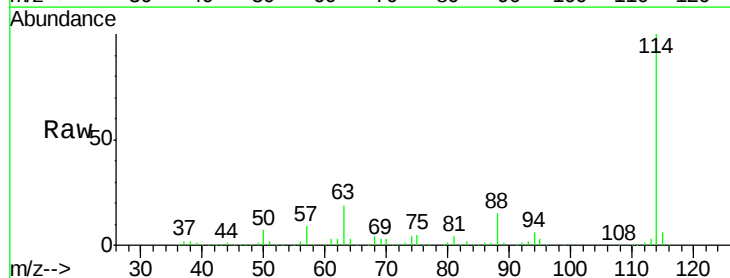
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

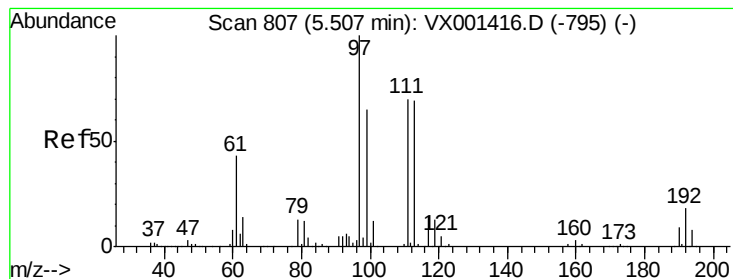
Tgt Ion: 65 Resp: 147949
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 114 Resp: 283187
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

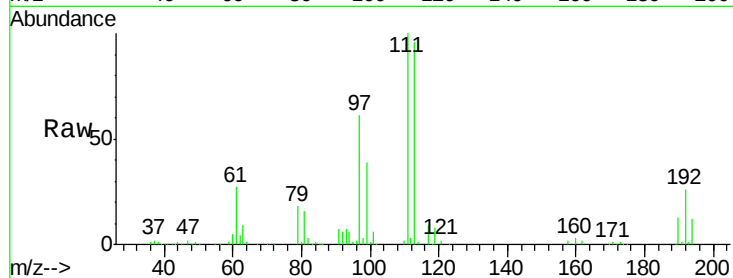
Tgt Ion:113 Resp: 123486

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

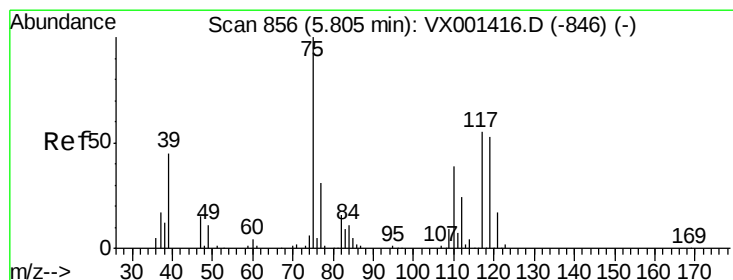
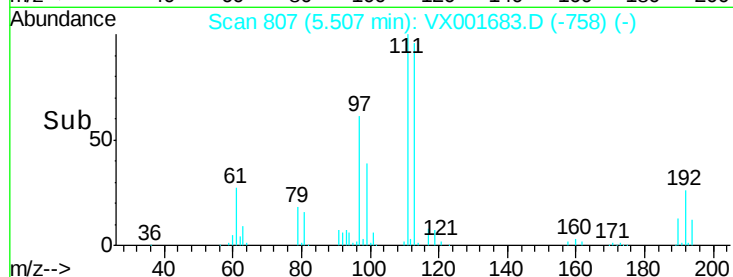
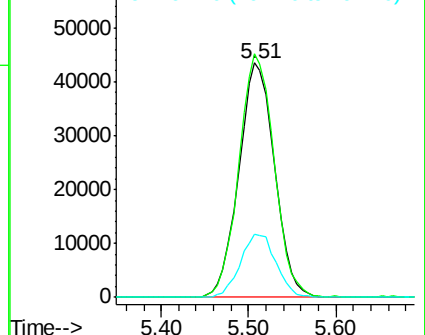
192 26.8 21.4 32.0



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: 19.43 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

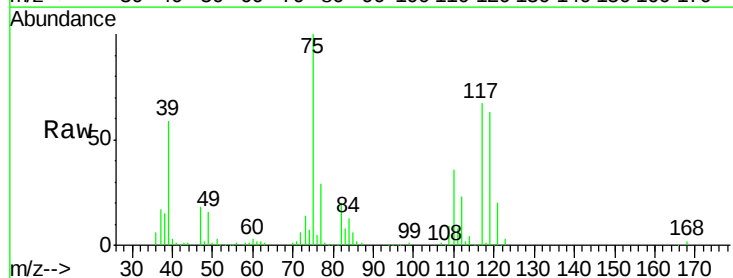
Tgt Ion: 75 Resp: 69990

Ion Ratio Lower Upper

75 100

110 37.1 18.9 56.7

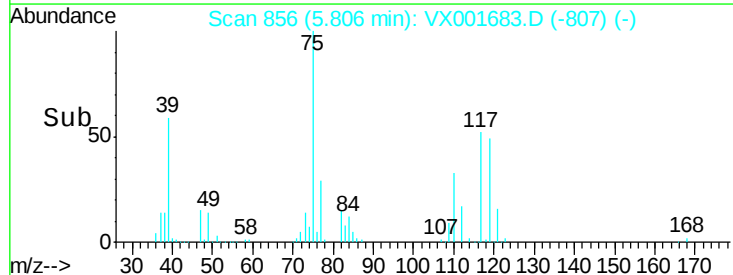
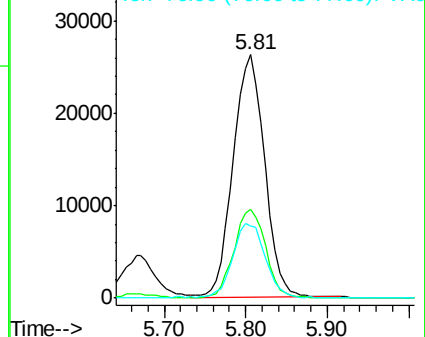
77 32.0 24.9 37.3

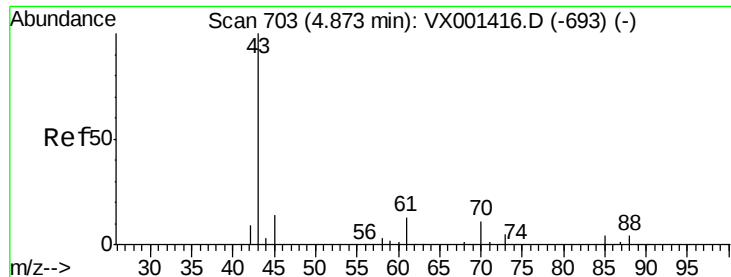


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

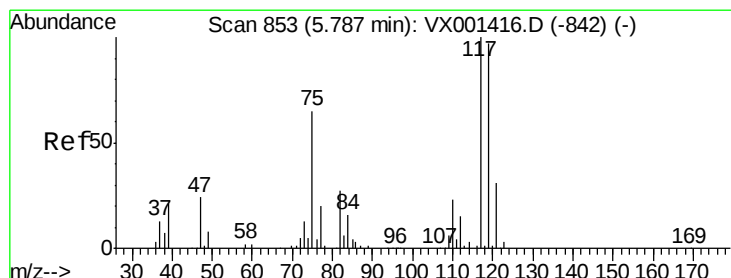
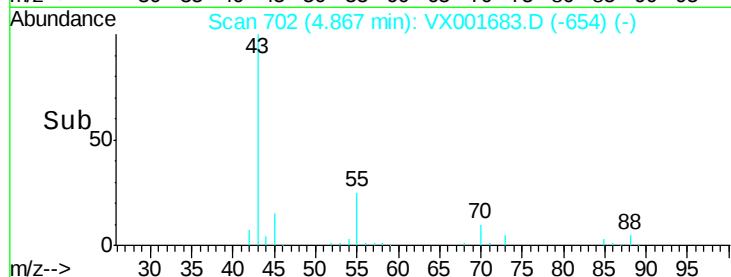
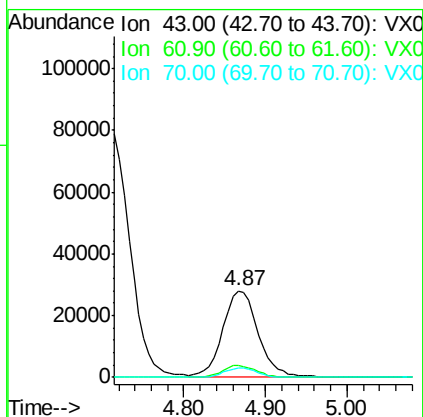
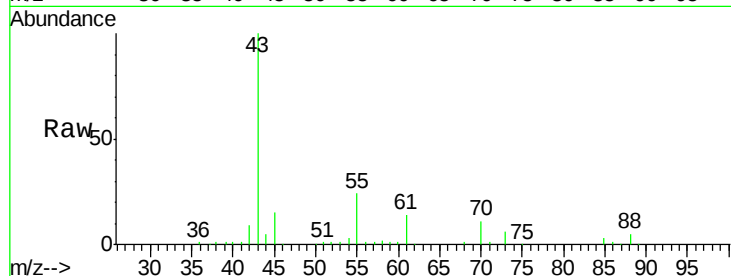




#37
Ethyl Acetate
Concen: 21.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

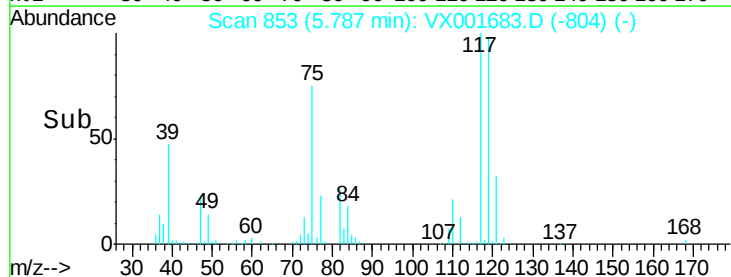
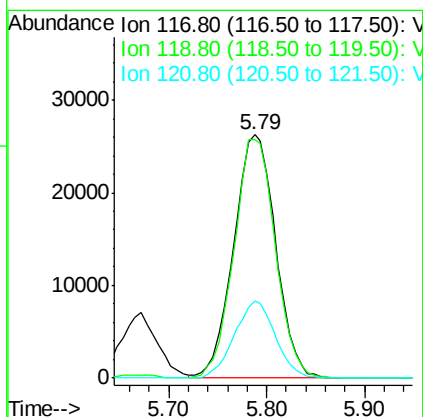
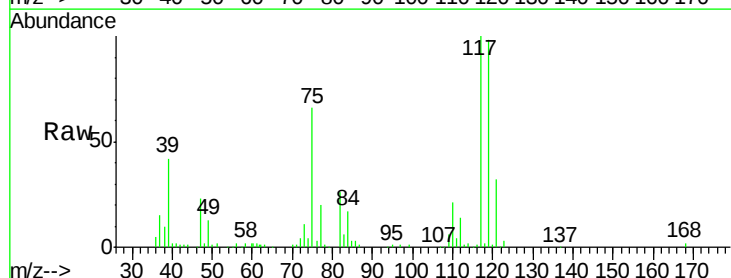
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

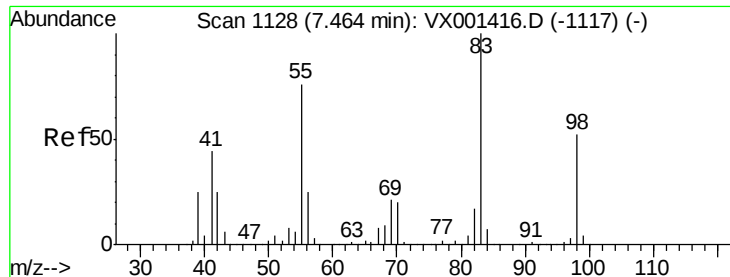
Tgt Ion: 43 Resp: 83282
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 117 Resp: 77910
Ion Ratio Lower Upper
117 100
119 98.2 77.0 115.6
121 32.0 25.1 37.7

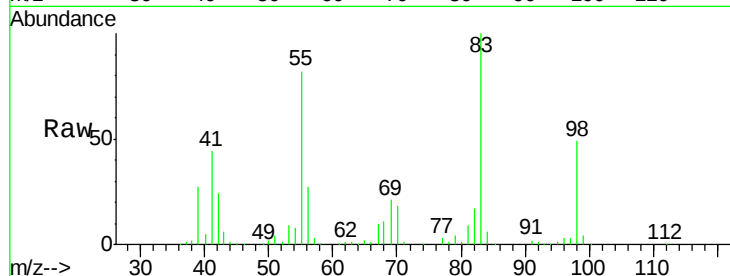




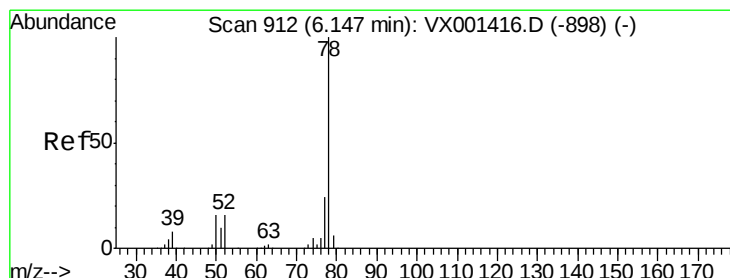
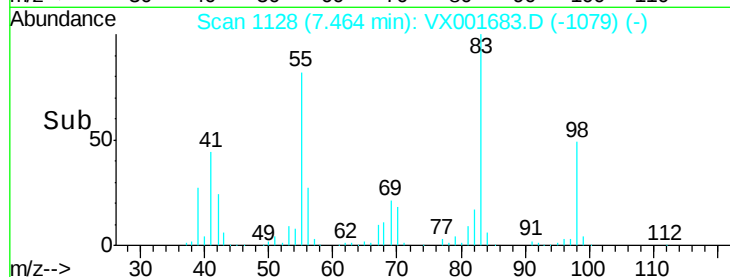
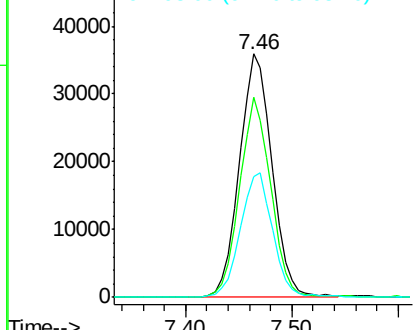
#39
Methylcyclohexane
Concen: 18.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Tgt Ion: 83 Resp: 77532
Ion Ratio Lower Upper
83 100
55 82.1 60.9 91.3
98 49.4 41.9 62.9

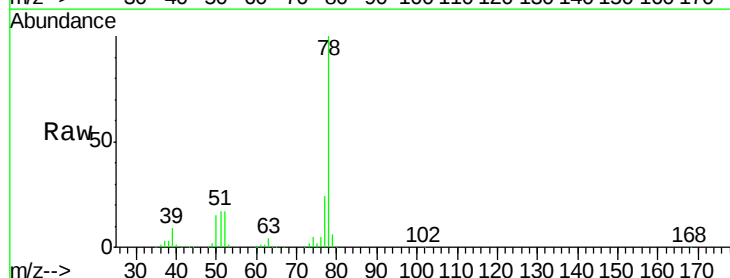


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

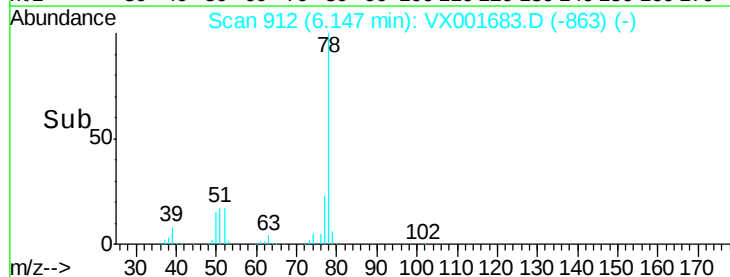
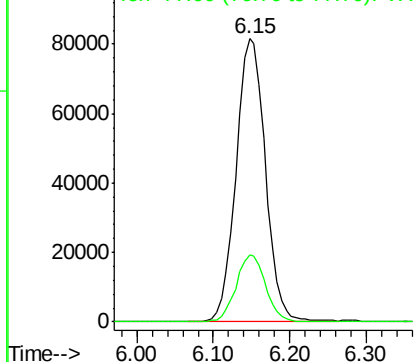


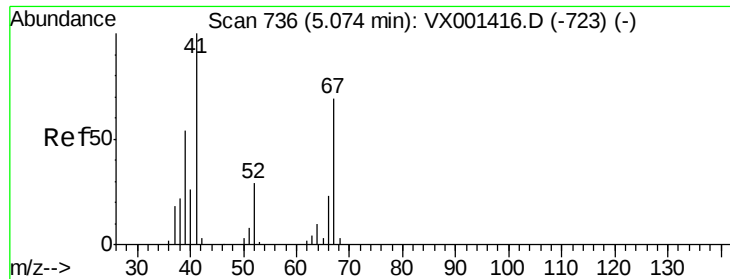
#40
Benzene
Concen: 20.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 78 Resp: 217600
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.22 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

Tgt Ion: 41 Resp: 47944

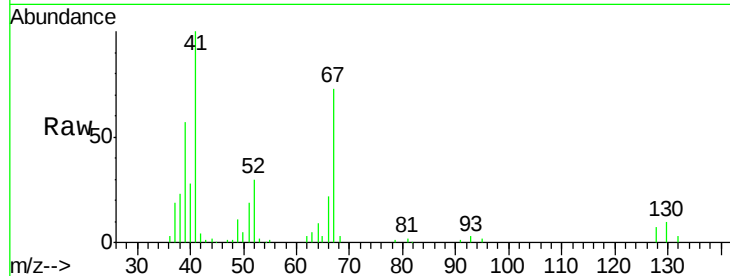
Ion Ratio Lower Upper

41 100

39 56.8 45.0 67.6

67 67.9 55.0 82.6

52 29.1 23.4 35.0

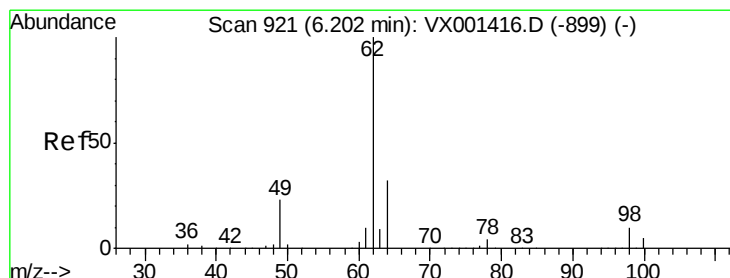
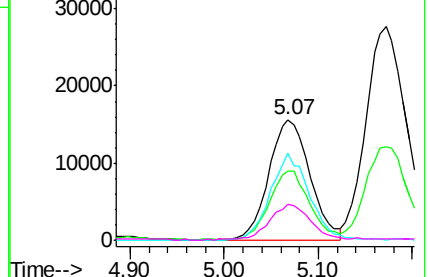
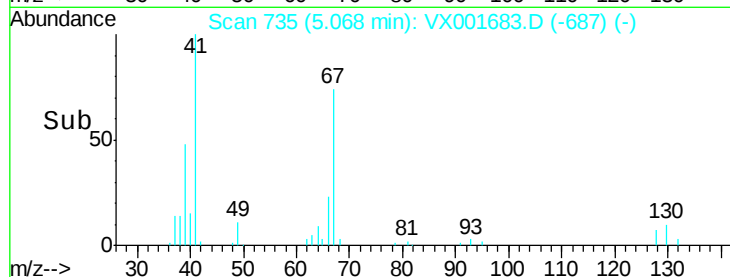


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.18 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001683.D

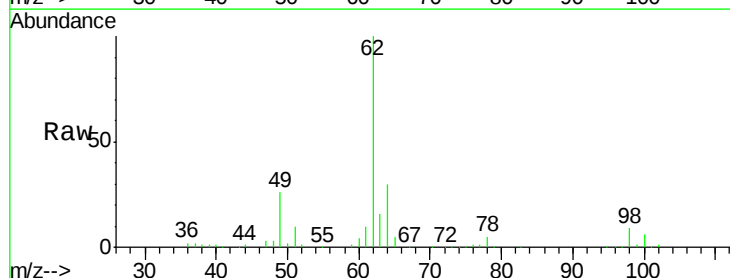
Acq: 12 May 2018 22:55

Tgt Ion: 62 Resp: 85660

Ion Ratio Lower Upper

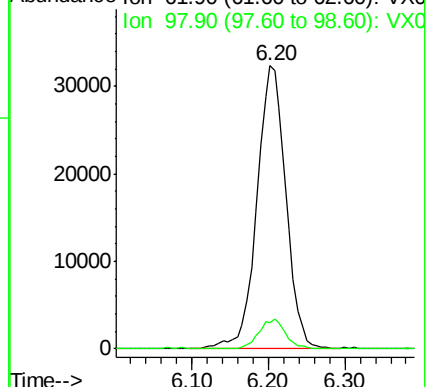
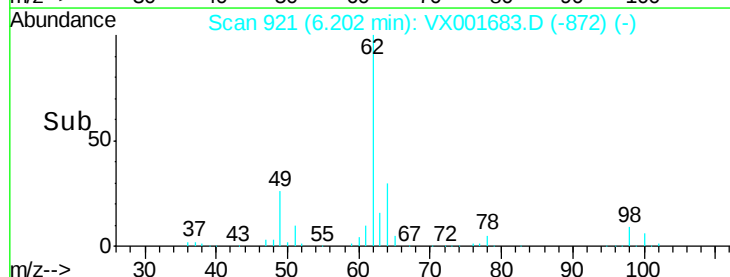
62 100

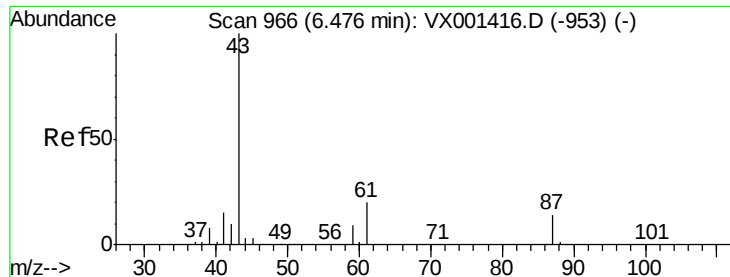
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.84 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

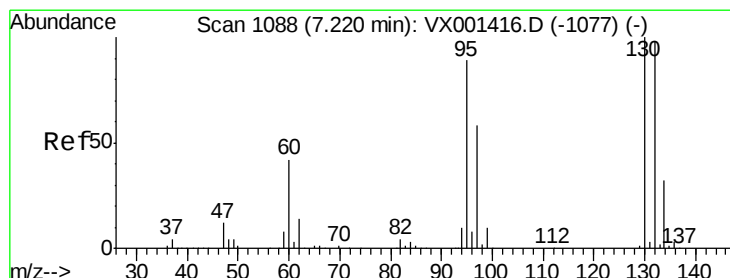
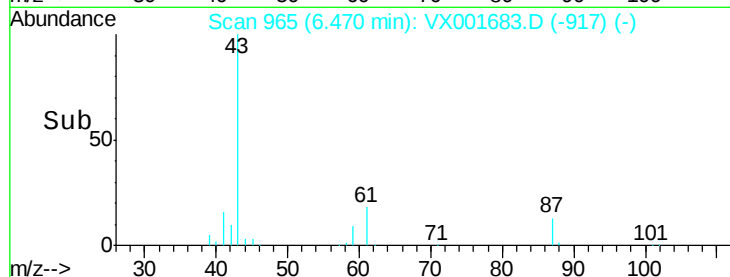
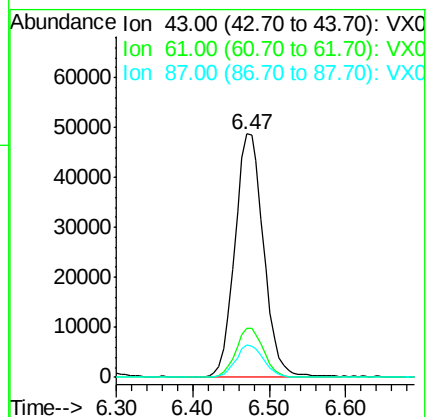
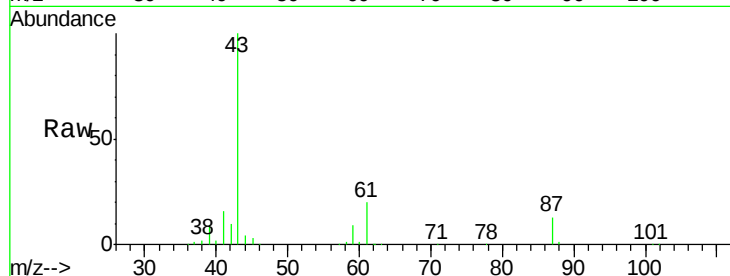
Tgt Ion: 43 Resp: 126325

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

87 13.1 10.8 16.2



#44

Trichloroethene

Concen: 20.24 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001683.D

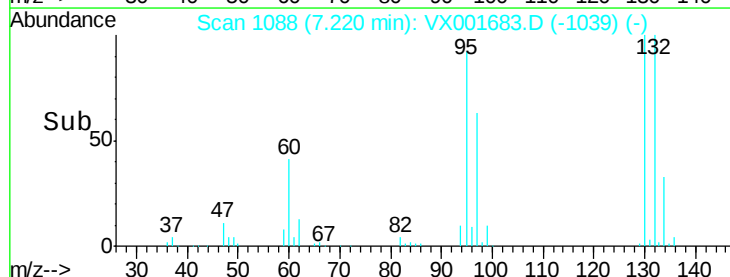
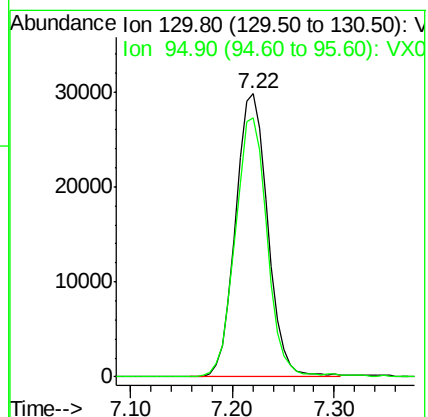
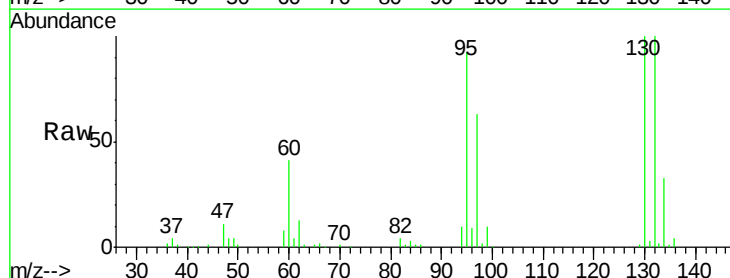
Acq: 12 May 2018 22:55

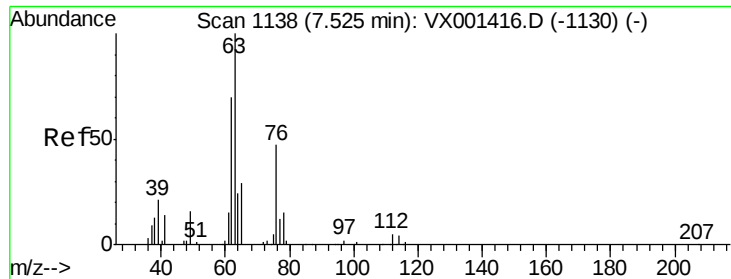
Tgt Ion: 130 Resp: 65102

Ion Ratio Lower Upper

130 100

95 91.6 0.0 178.4

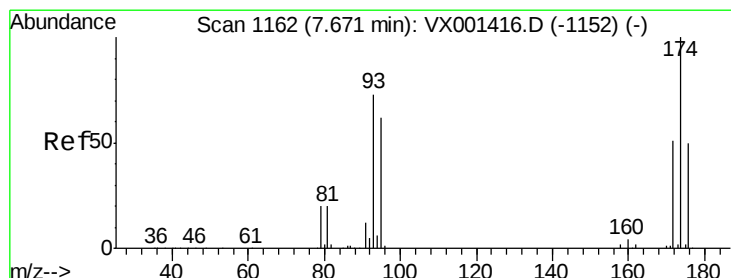
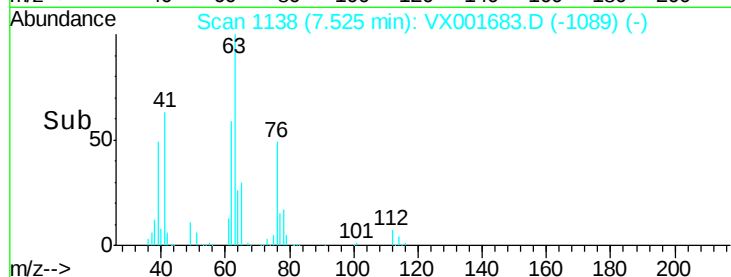
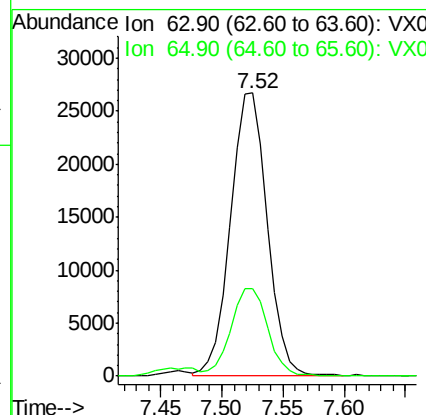
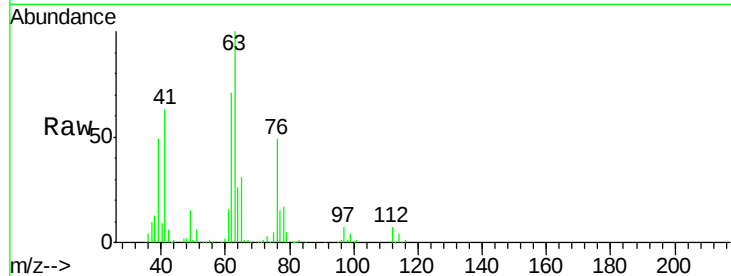




#45
 1,2-Dichloropropane
 Concen: 21.13 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

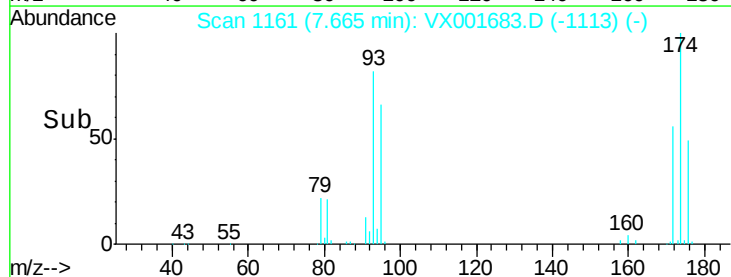
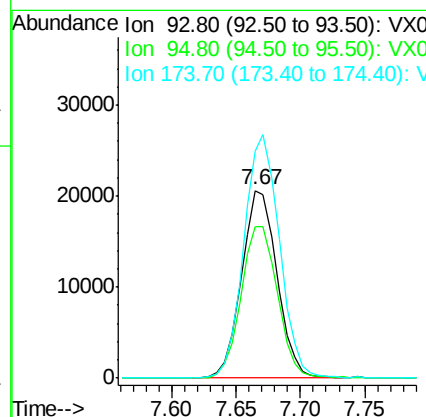
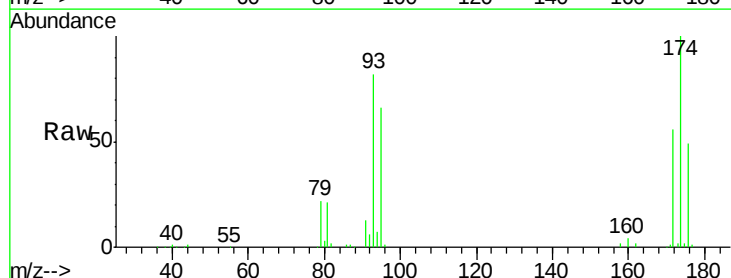
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

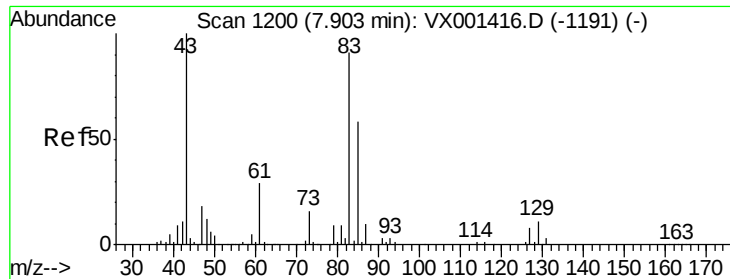
Tgt Ion: 63 Resp: 55415
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.5 36.7



#46
 Dibromomethane
 Concen: 21.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 93 Resp: 39329
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.4
 174 130.0 104.5 156.7





#47

Bromodichloromethane

Concen: 21.43 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

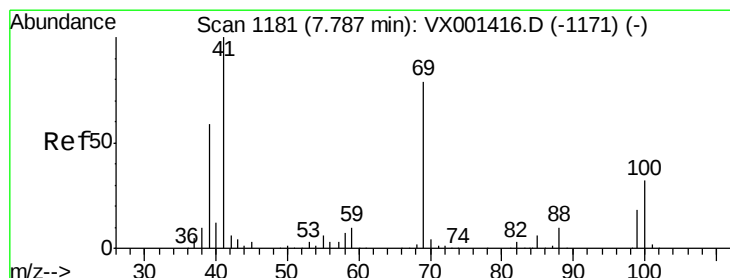
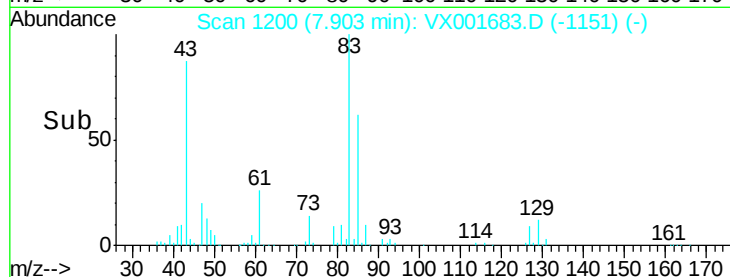
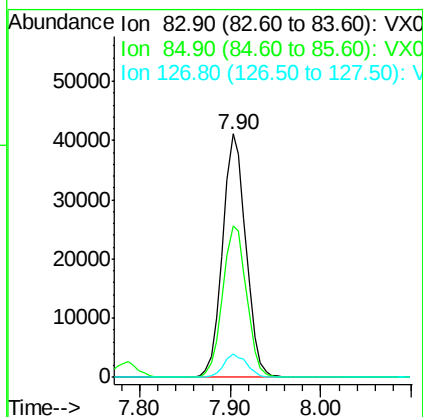
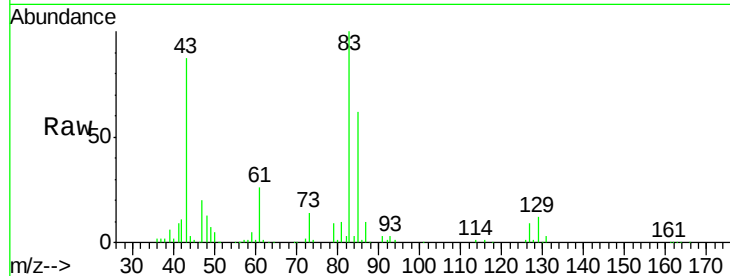
Tgt Ion: 83 Resp: 73659

Ion Ratio Lower Upper

83 100

85 62.4 51.0 76.6

127 9.4 7.4 11.2



#48

Methyl methacrylate

Concen: 20.44 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

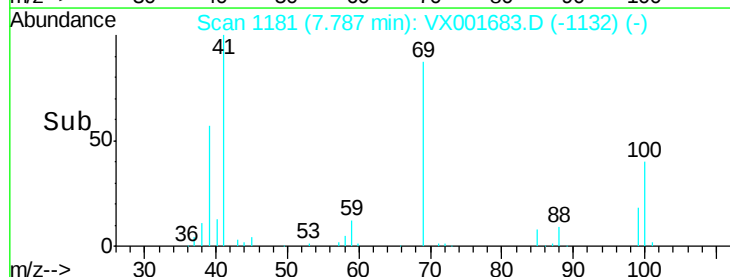
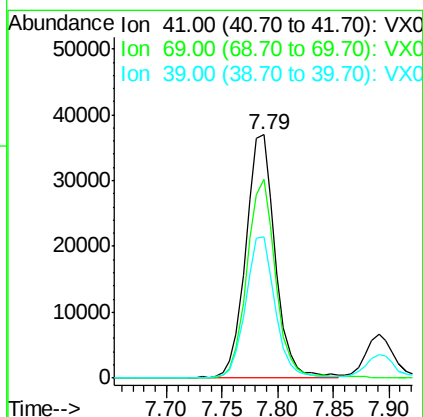
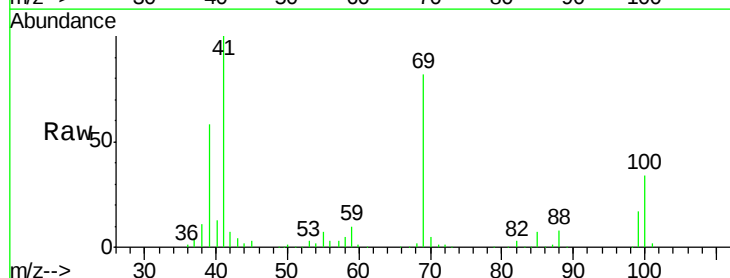
Tgt Ion: 41 Resp: 67463

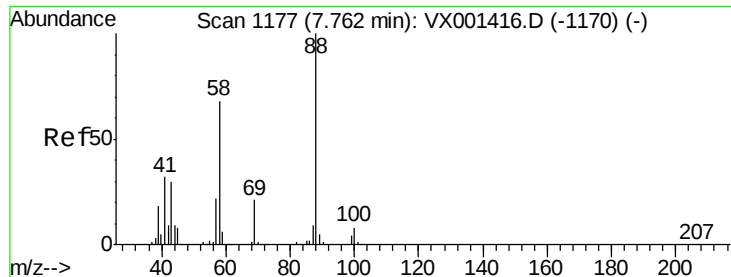
Ion Ratio Lower Upper

41 100

69 80.7 63.4 95.2

39 58.1 47.0 70.4





#49

1,4-Dioxane

Concen: 426.94 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

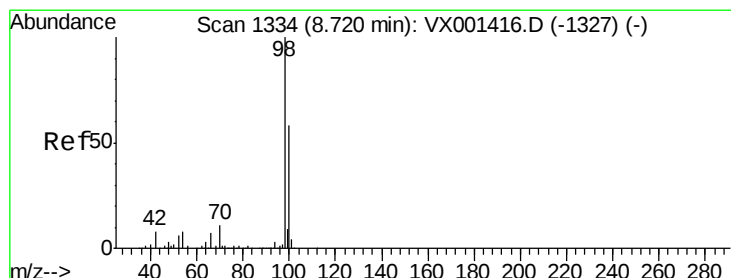
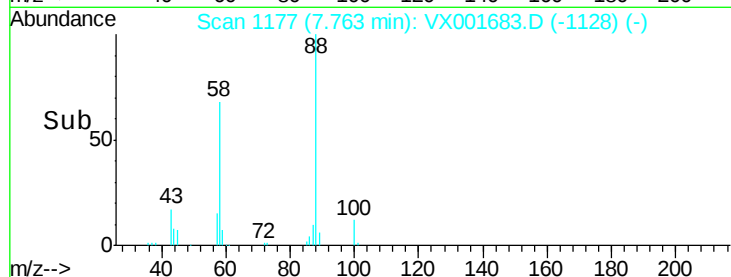
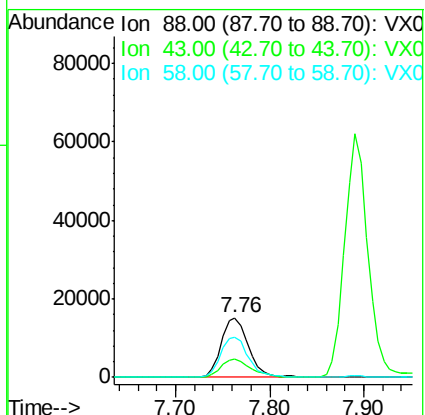
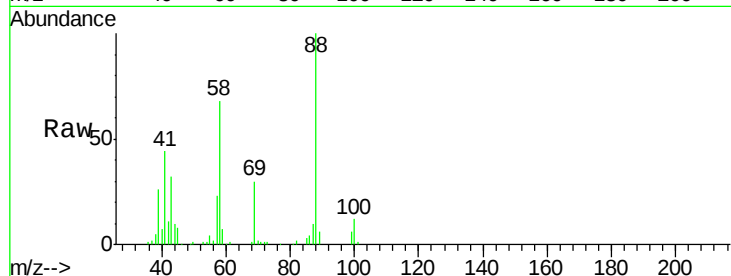
Tgt Ion: 88 Resp: 30446

Ion Ratio Lower Upper

88 100

43 33.5 26.4 39.6

58 69.6 54.1 81.1



#50

Toluene-d8

Concen: 46.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001683.D

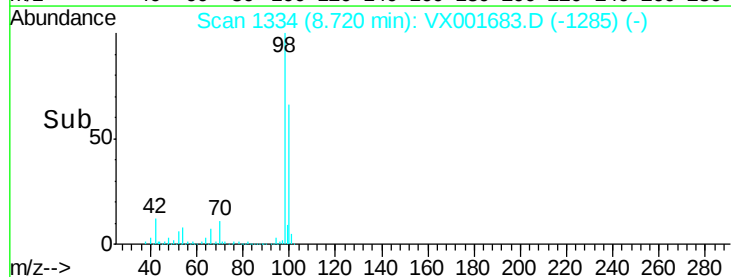
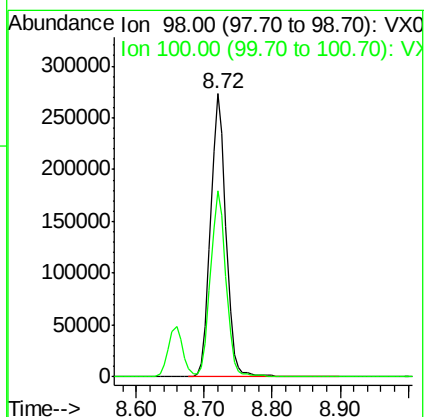
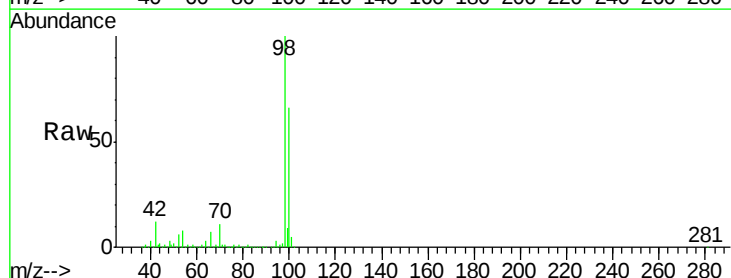
Acq: 12 May 2018 22:55

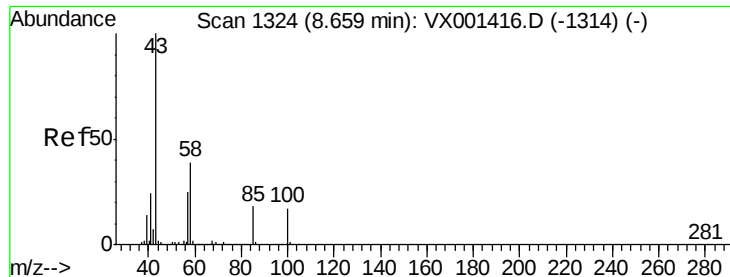
Tgt Ion: 98 Resp: 429687

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0

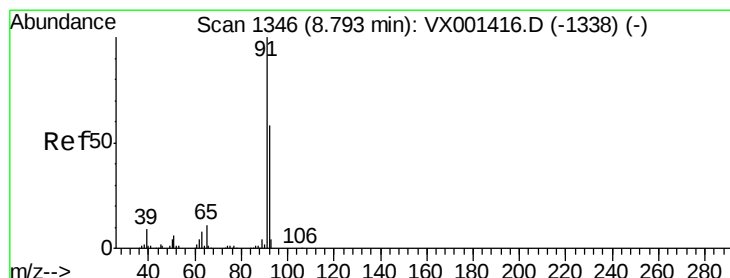
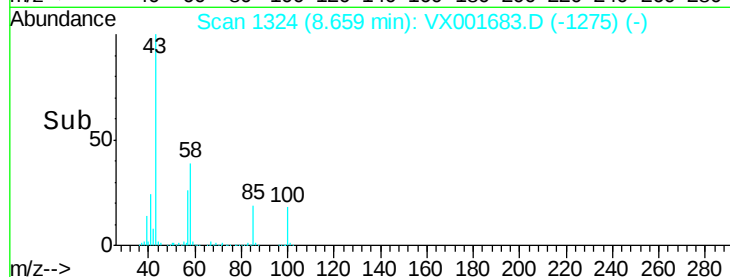
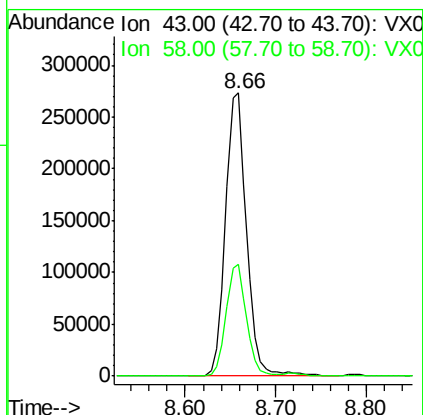
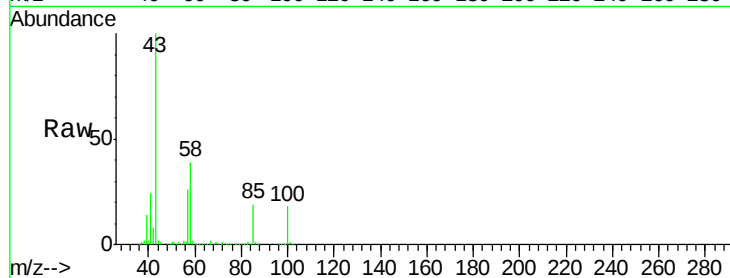




#51
 4-Methyl-2-Pentanone
 Concen: 109.41 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

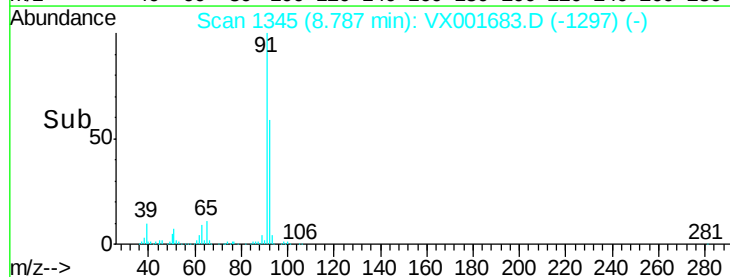
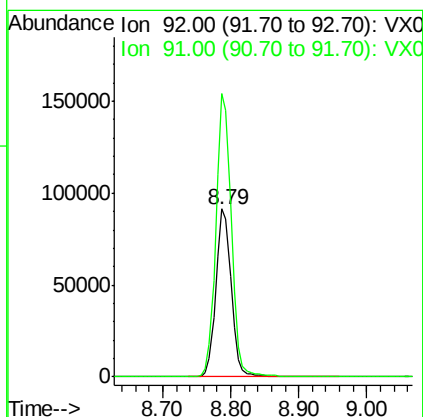
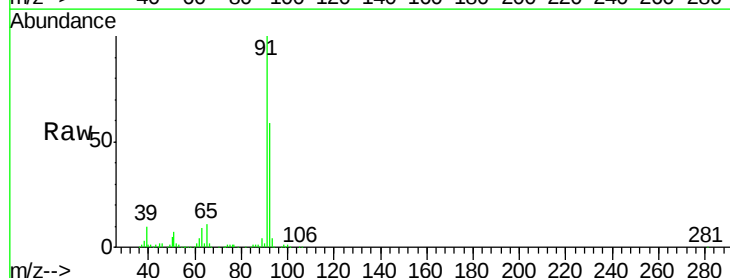
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

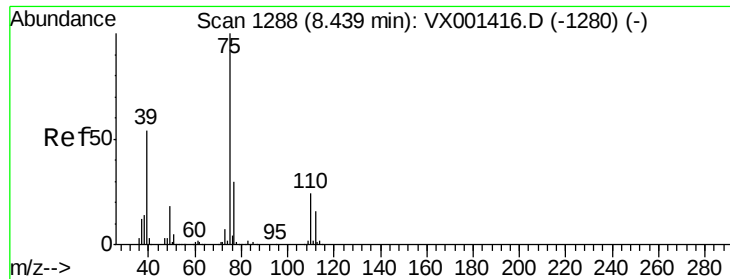
Tgt Ion: 43 Resp: 440713
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 20.90 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 92 Resp: 143796
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 20.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

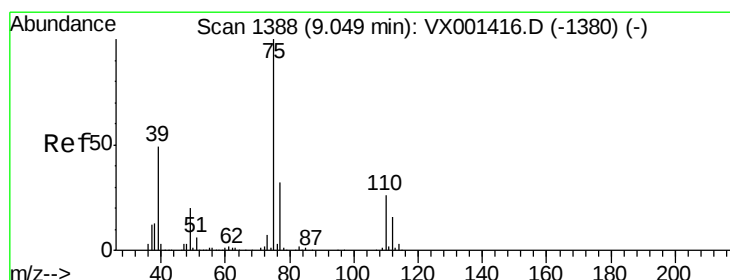
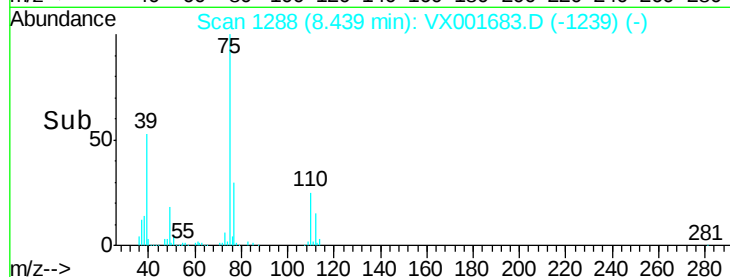
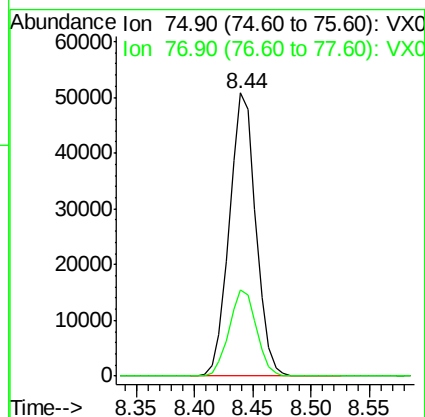
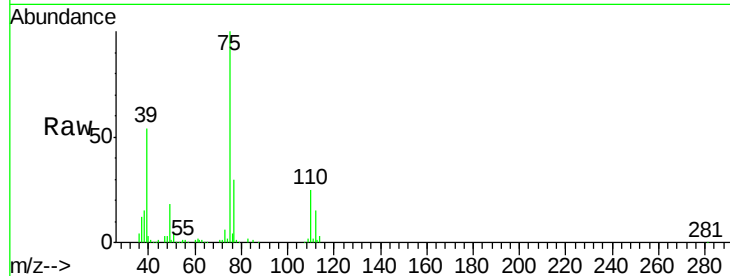
VX0512WBSD02

Tgt Ion: 75 Resp: 80420

Ion Ratio Lower Upper

75 100

77 30.4 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

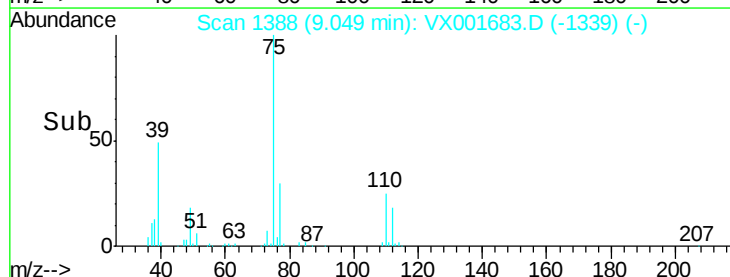
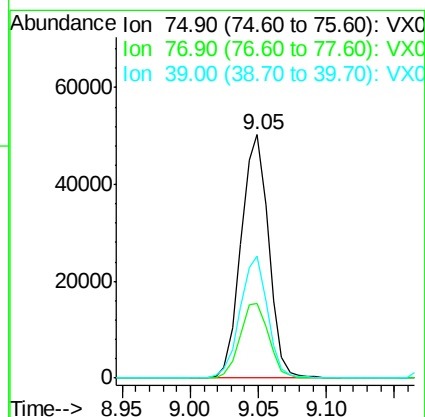
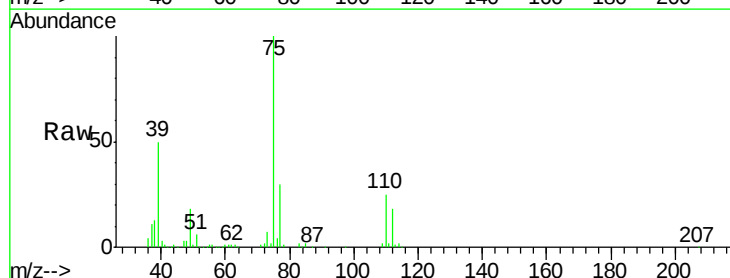
Tgt Ion: 75 Resp: 71226

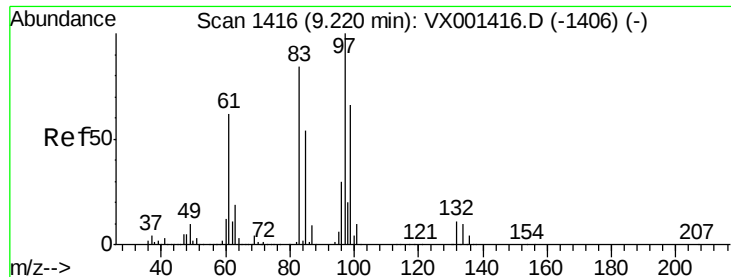
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 49.7 38.9 58.3

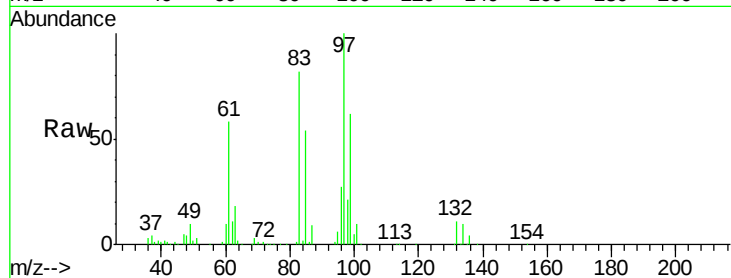




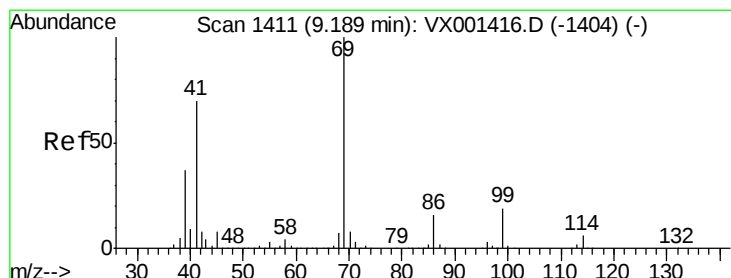
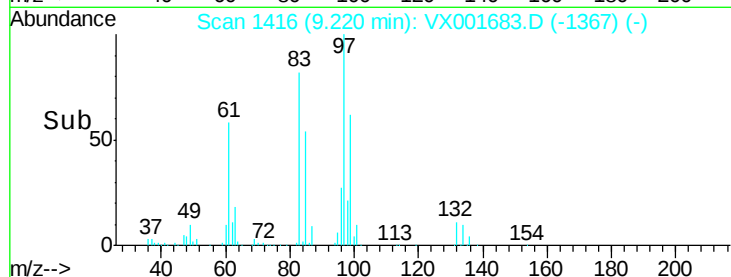
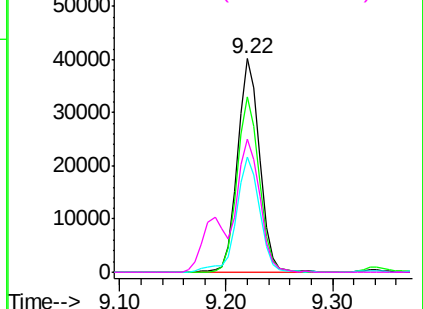
#55
 1,1,2-Trichloroethane
 Concen: 21.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

Tgt Ion:	97	Resp:	58899
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	53.7	43.3	64.9
99	62.0	52.5	78.7

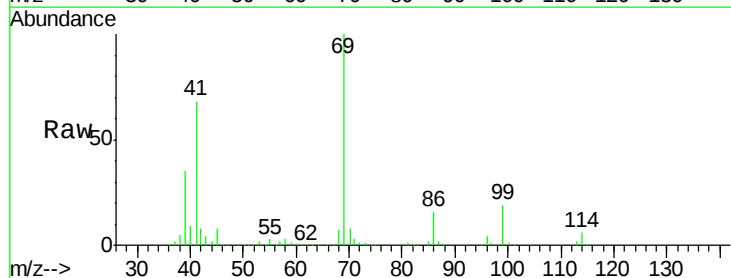


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

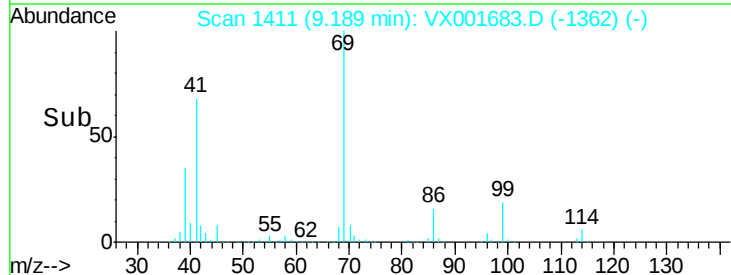
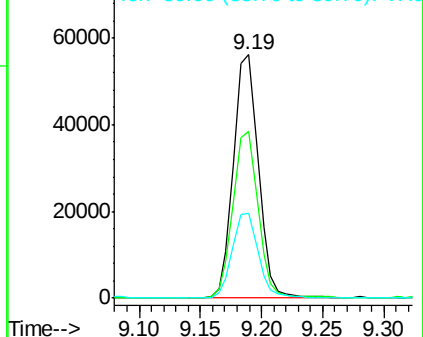


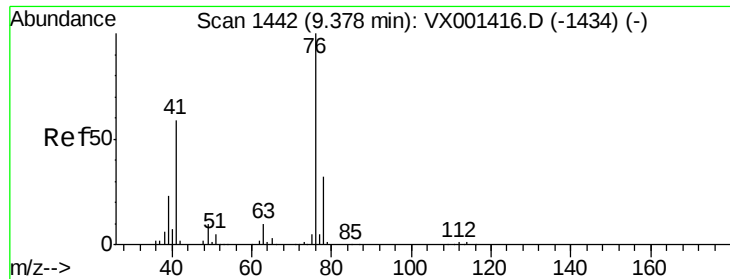
#56
 Ethyl methacrylate
 Concen: 19.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:	69	Resp:	79456
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.1	82.7
39	35.6	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

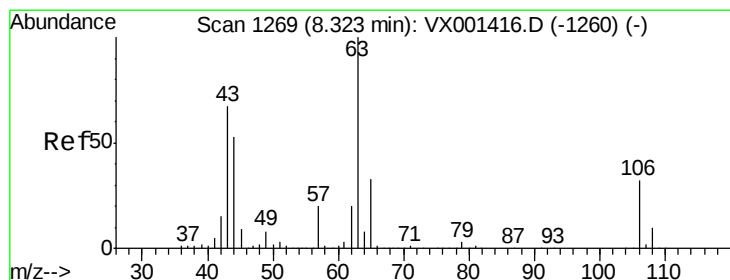
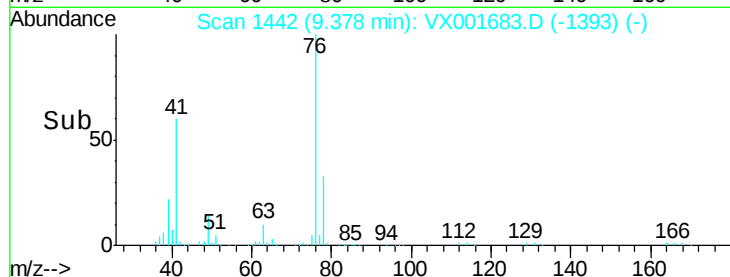
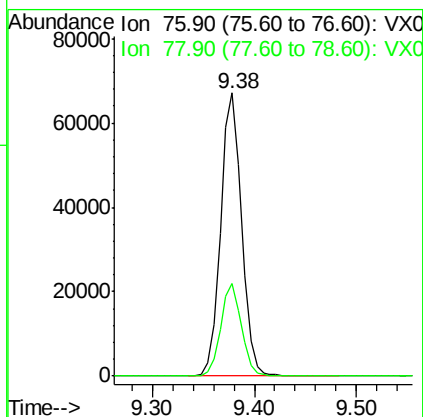
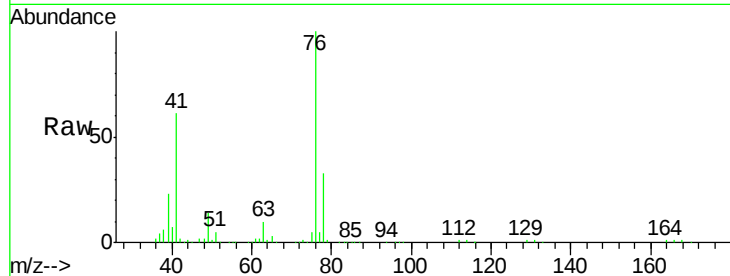




#57
 1,3-Dichloropropane
 Concen: 21.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

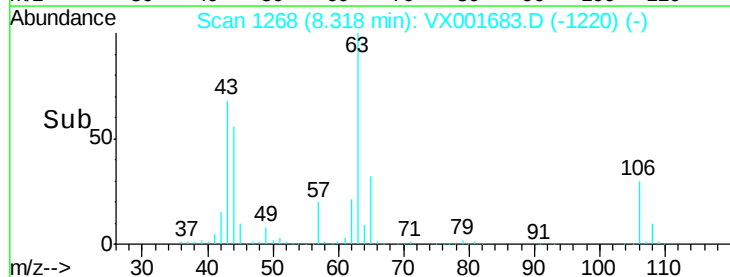
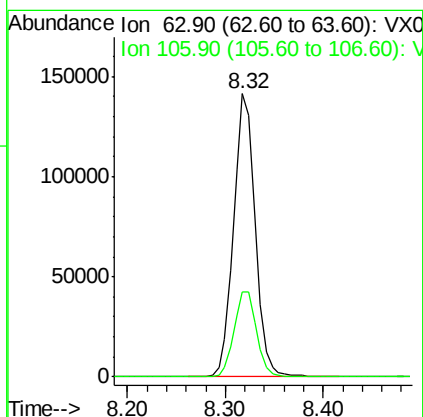
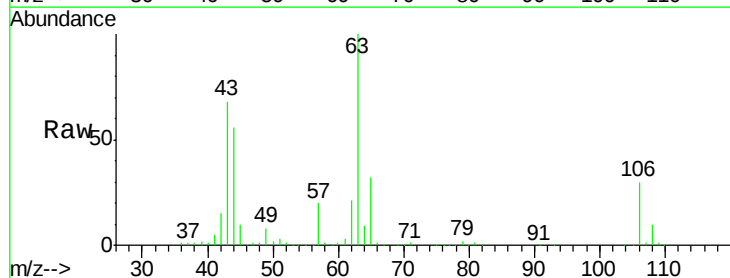
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

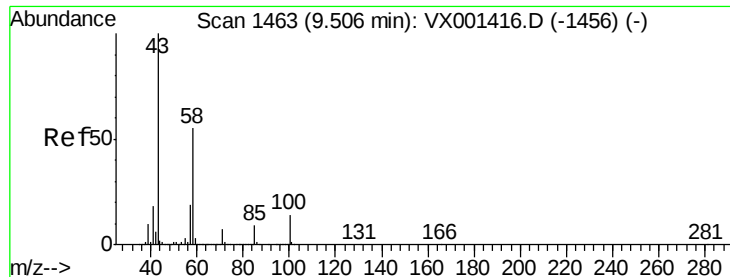
Tgt Ion: 76 Resp: 96316
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.00 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 63 Resp: 217512
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.0

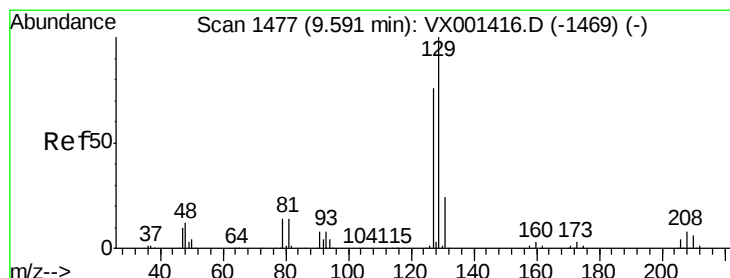
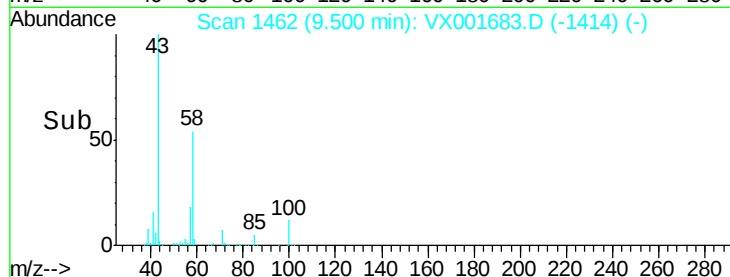
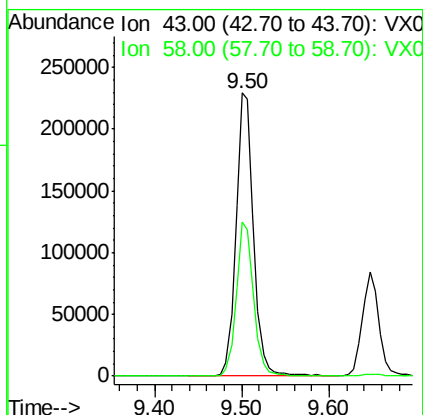
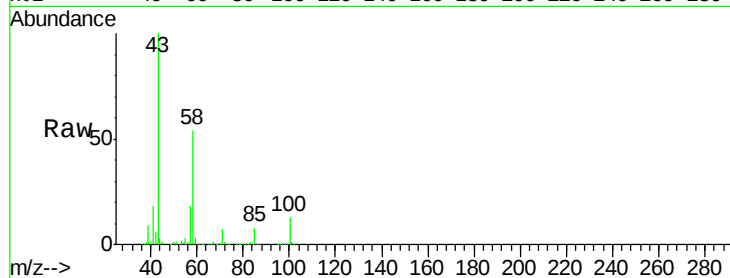




#59
2-Hexanone
Concen: 104.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

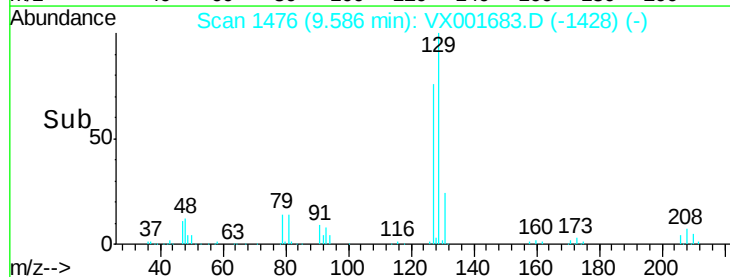
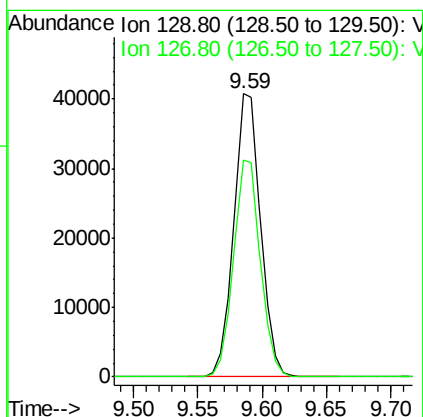
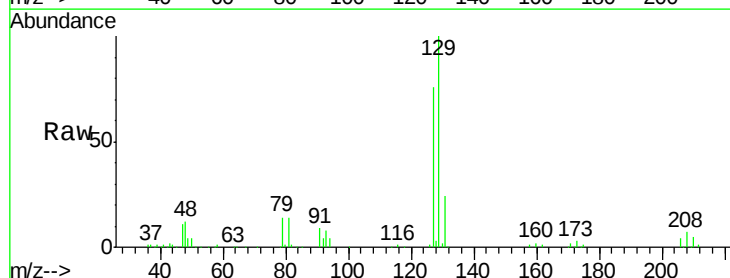
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

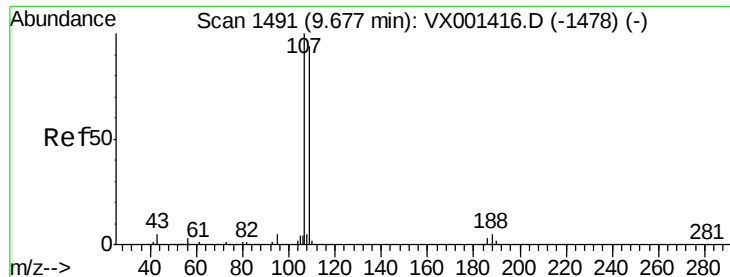
Tgt Ion: 43 Resp: 322617
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.2



#60
Dibromochloromethane
Concen: 20.85 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 129 Resp: 59186
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5

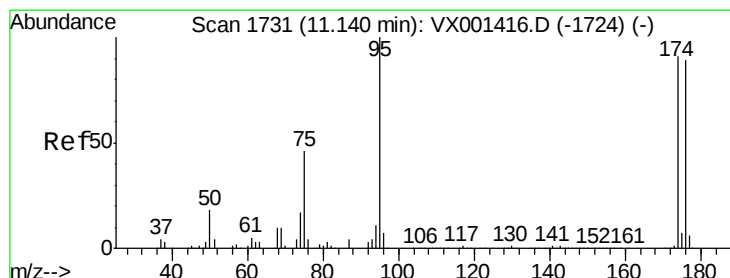
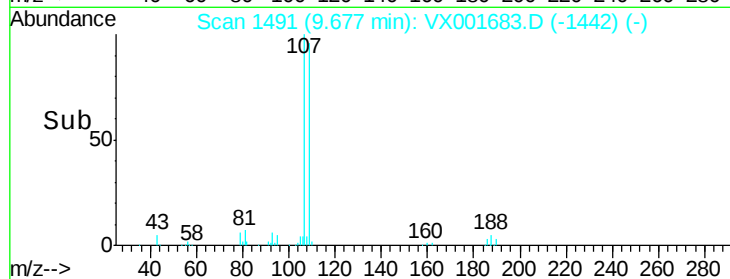
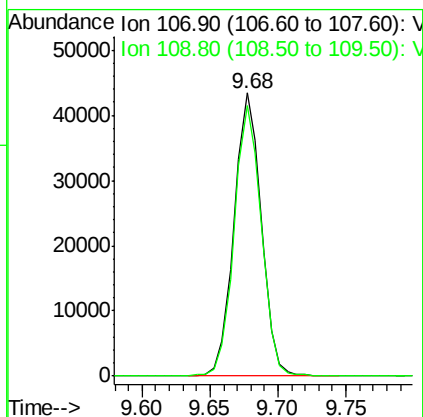
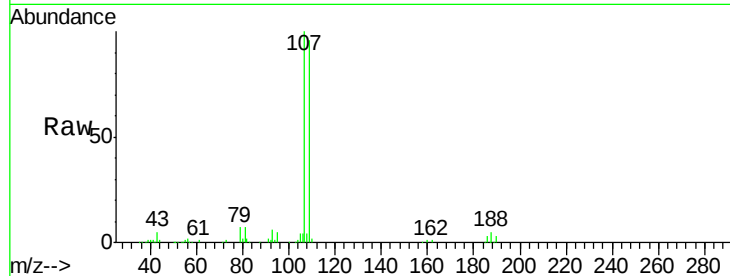




#61
 1,2-Dibromoethane
 Concen: 20.75 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

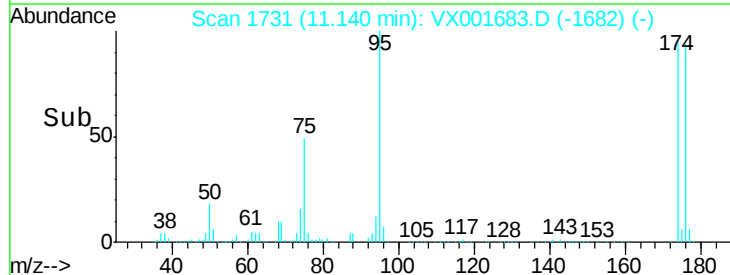
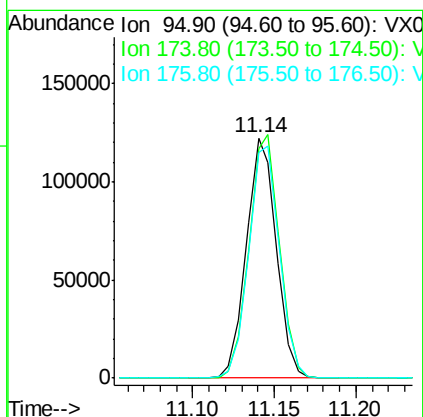
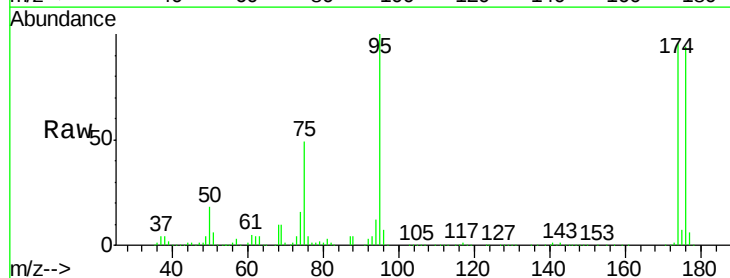
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

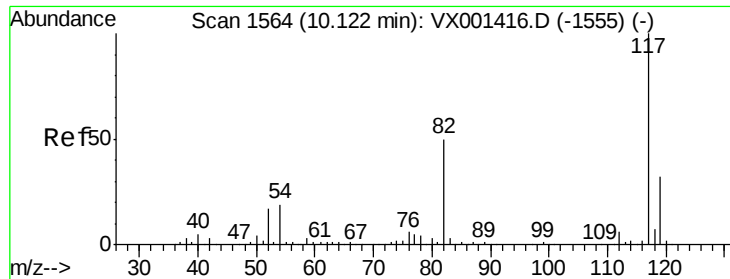
Tgt Ion: 107 Resp: 60385
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 44.42 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 95 Resp: 156777
 Ion Ratio Lower Upper
 95 100
 174 103.0 0.0 202.0
 176 99.5 0.0 197.4

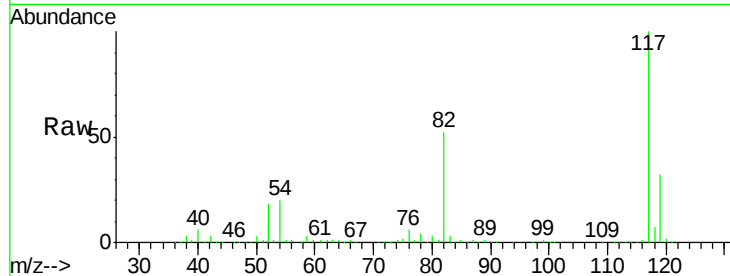




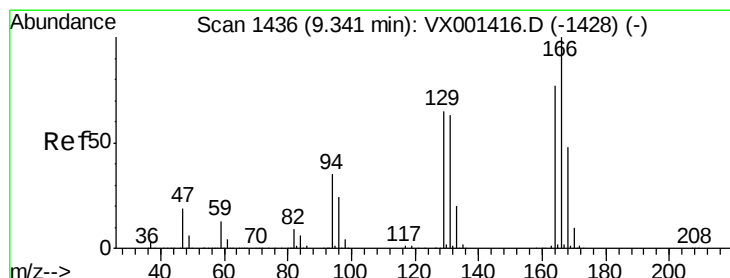
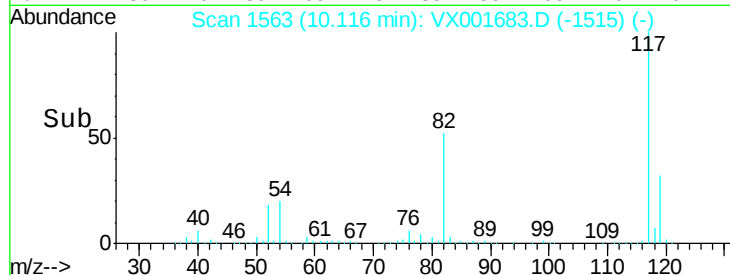
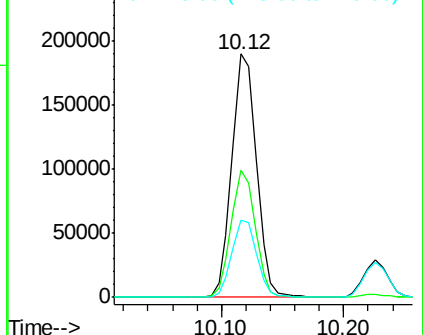
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Tgt Ion:117 Resp: 264437
Ion Ratio Lower Upper
117 100
82 52.3 40.0 60.0
119 31.6 25.8 38.8

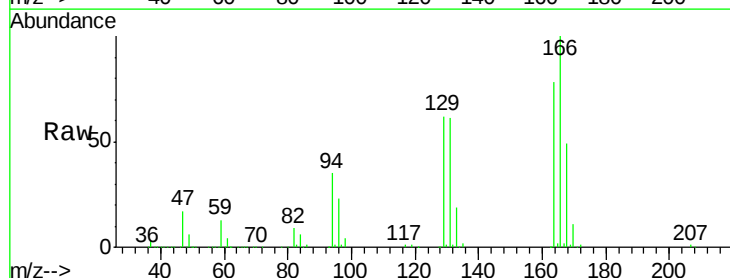


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

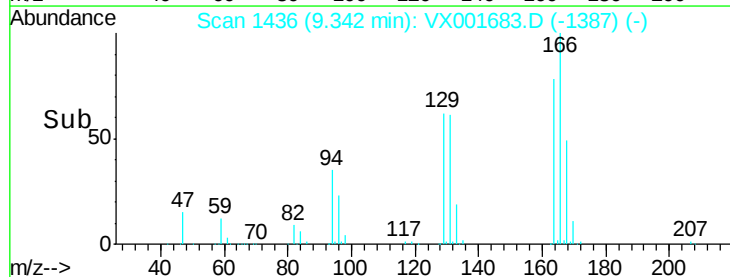
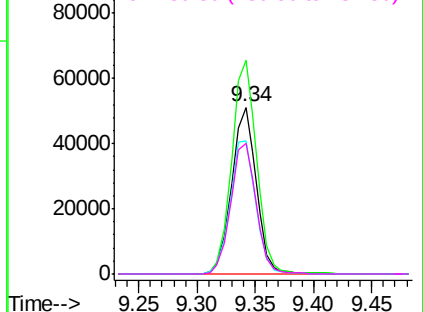


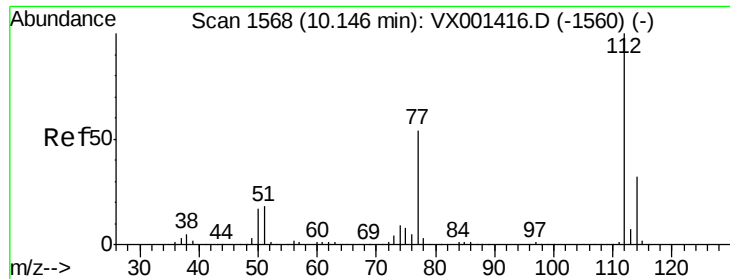
#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion:164 Resp: 75480
Ion Ratio Lower Upper
164 100
166 128.0 103.5 155.3
129 80.0 66.7 100.1
131 78.5 64.9 97.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.60 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

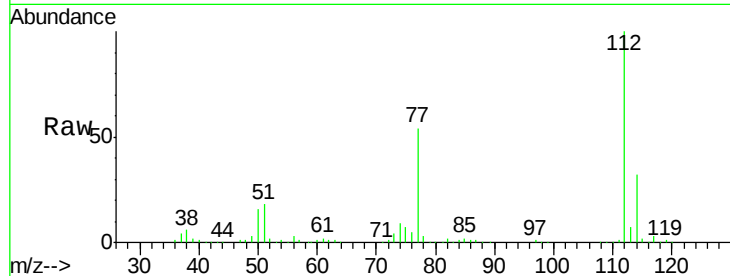
VX0512WBSD02

Tgt Ion:112 Resp: 159794

Ion Ratio Lower Upper

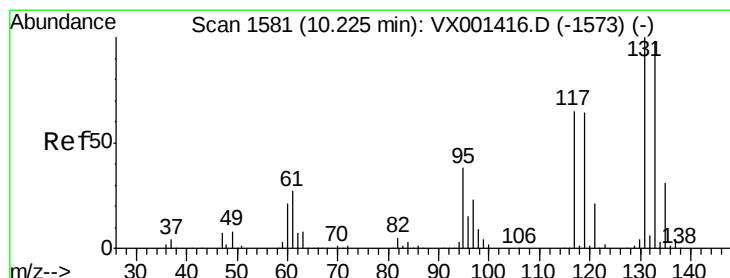
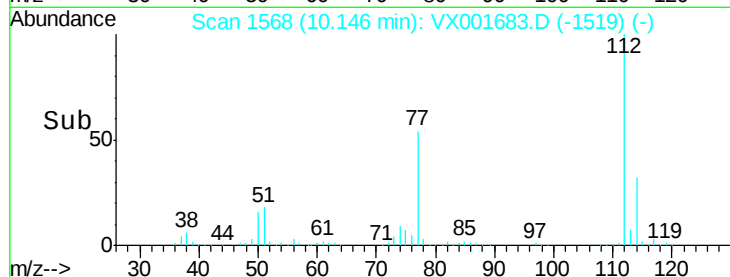
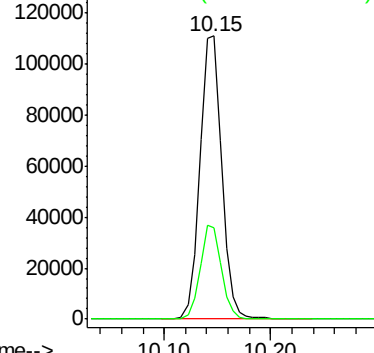
112 100

114 32.2 26.0 39.0



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: 21.42 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

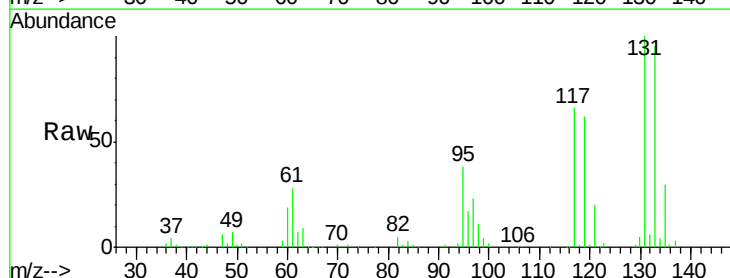
Tgt Ion:131 Resp: 59413

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.8

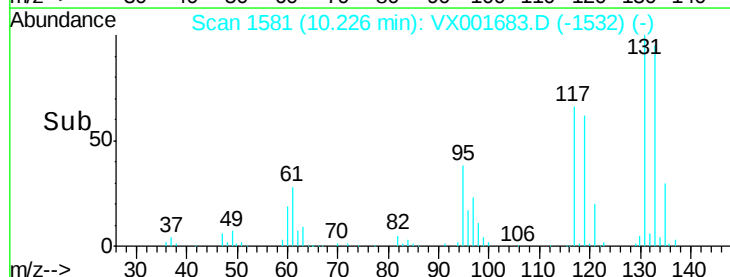
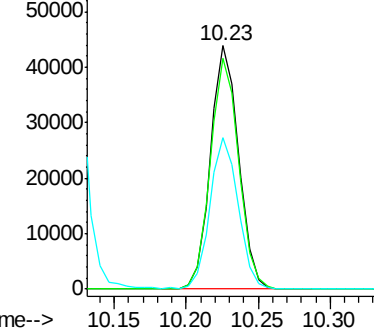
119 63.0 31.1 93.3

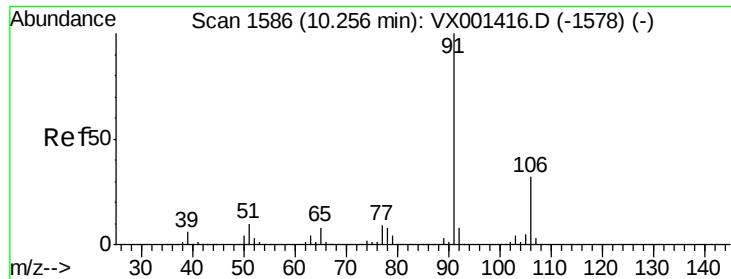


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.18 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

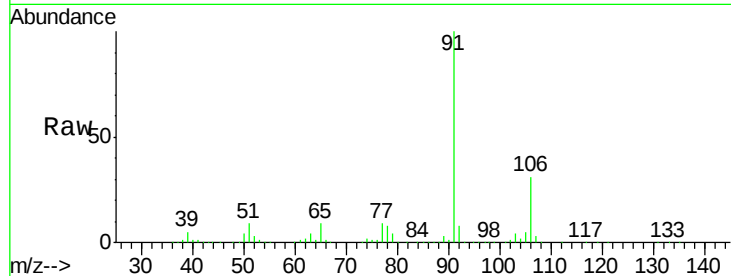
VX0512WBSD02

Tgt Ion: 91 Resp: 256547

Ion Ratio Lower Upper

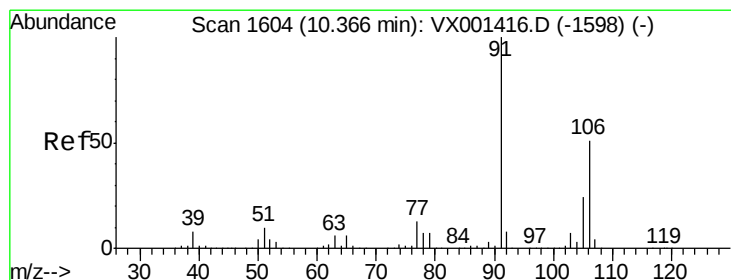
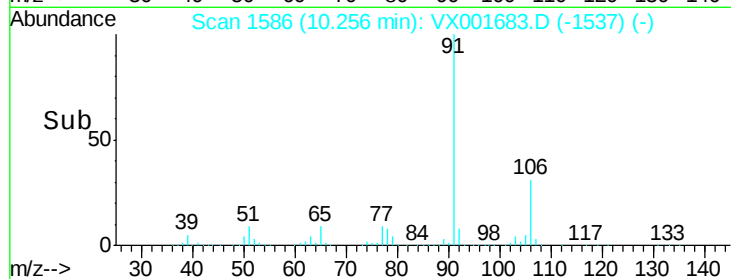
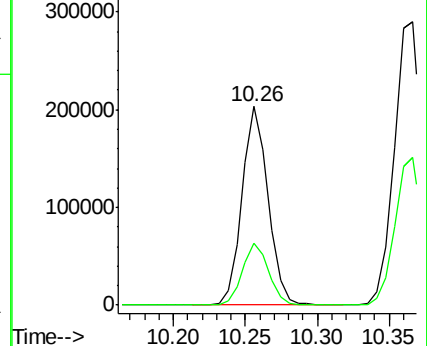
91 100

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: 40.66 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001683.D

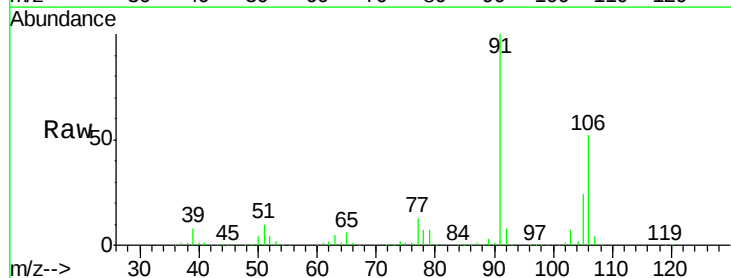
Acq: 12 May 2018 22:55

Tgt Ion: 106 Resp: 204210

Ion Ratio Lower Upper

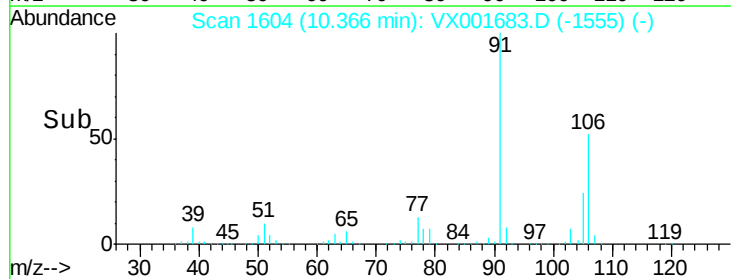
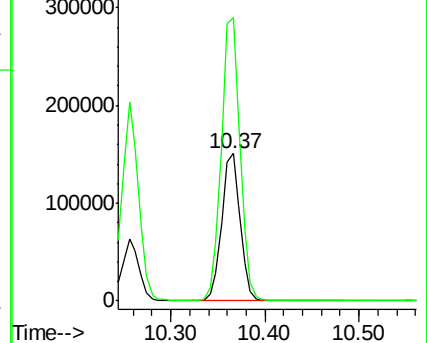
106 100

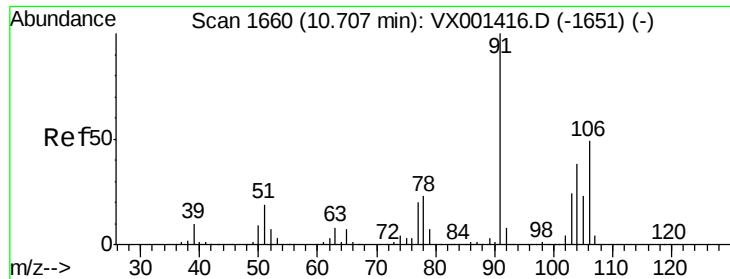
91 196.9 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

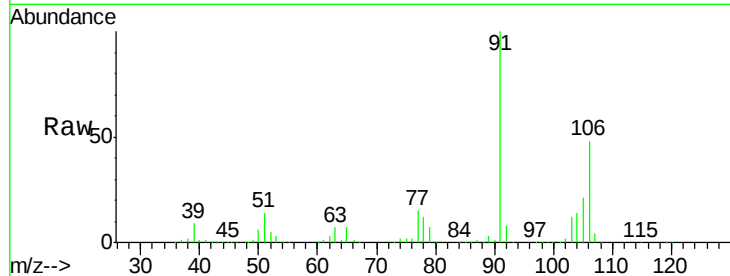




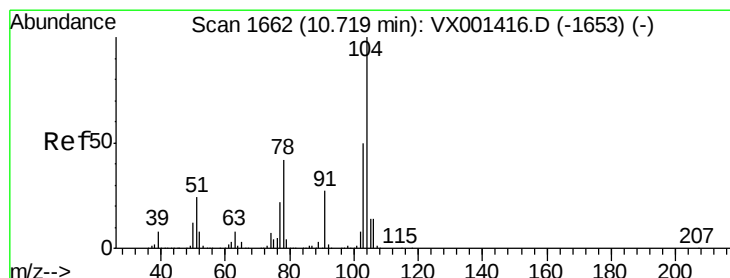
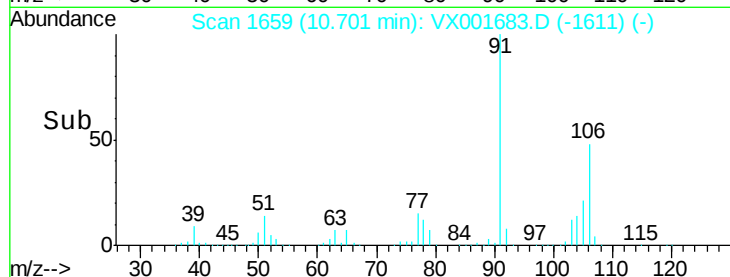
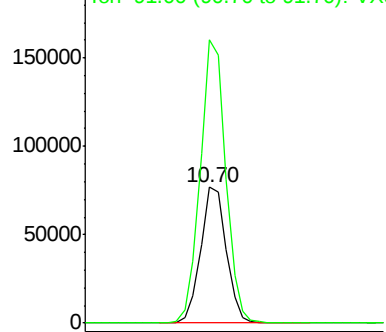
#69
o-Xylene
Concen: 20.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Tgt Ion:106 Resp: 100945
Ion Ratio Lower Upper
106 100
91 207.0 103.1 309.1

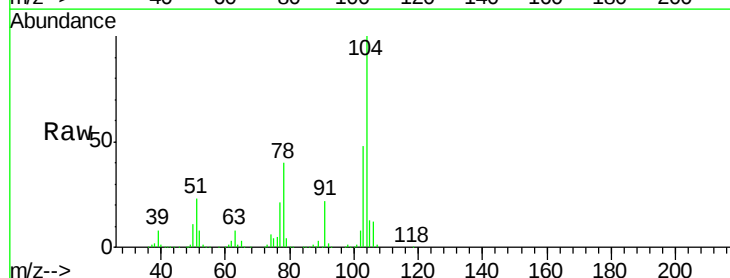


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

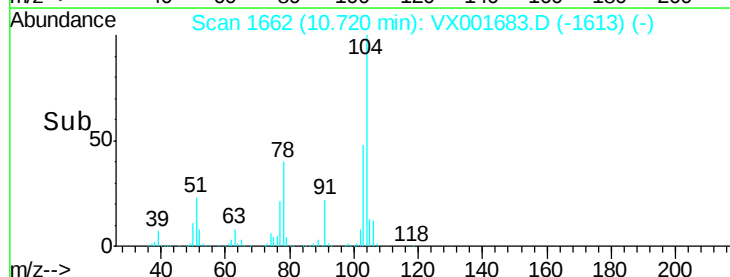
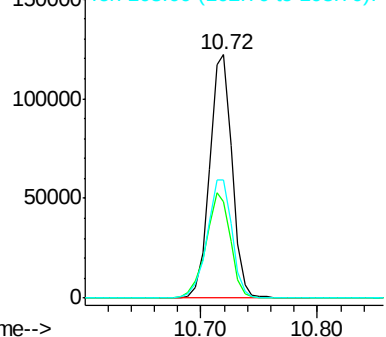


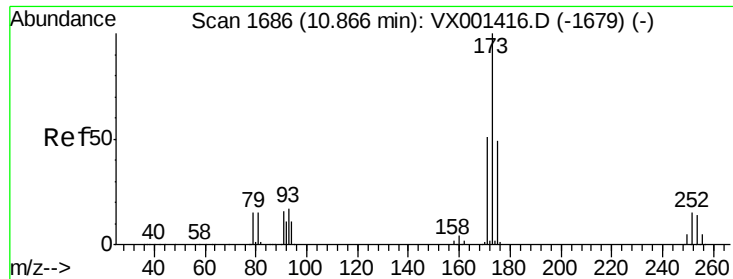
#70
Styrene
Concen: 20.63 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion:104 Resp: 163569
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 54.1 44.0 66.0



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: 19.63 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

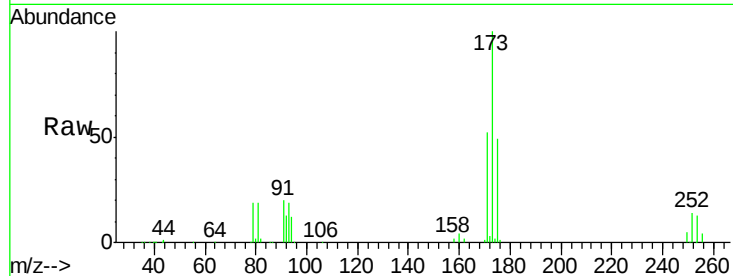
Tgt Ion:173 Resp: 46153

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

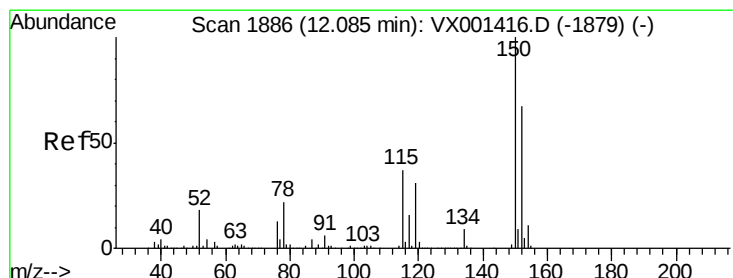
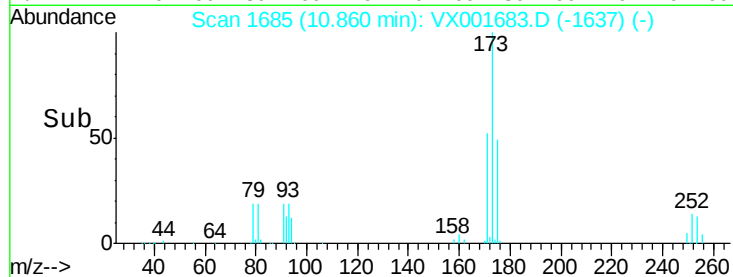
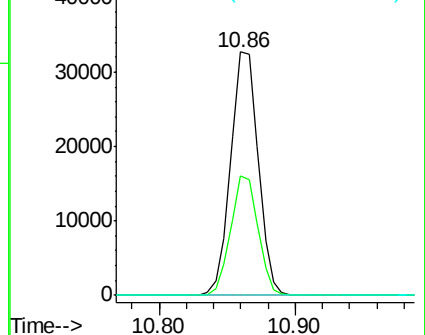
254 0.0 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

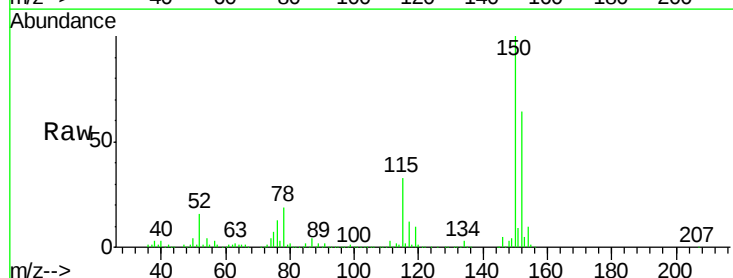
Tgt Ion:152 Resp: 184194

Ion Ratio Lower Upper

152 100

115 62.1 37.7 113.1

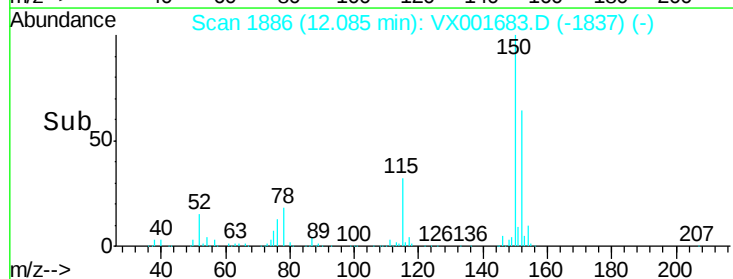
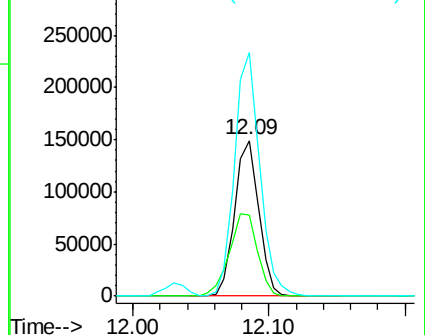
150 164.3 0.0 349.4

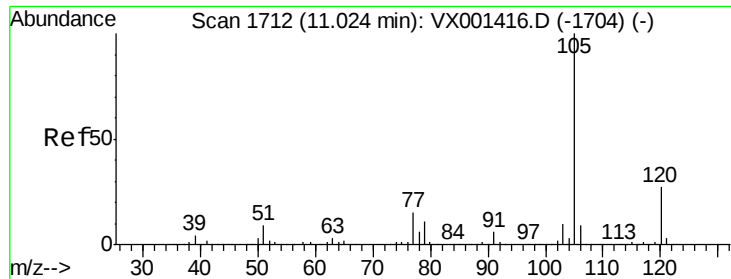


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.15 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

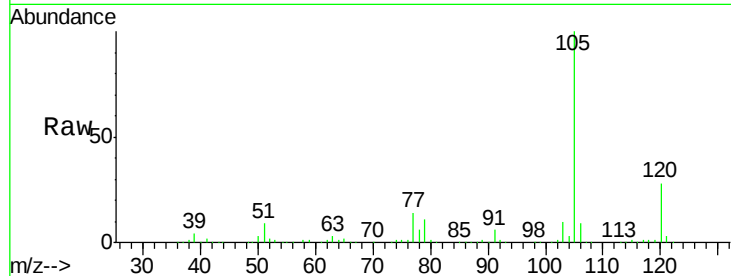
VX0512WBSD02

Tgt Ion: 105 Resp: 269645

Ion Ratio Lower Upper

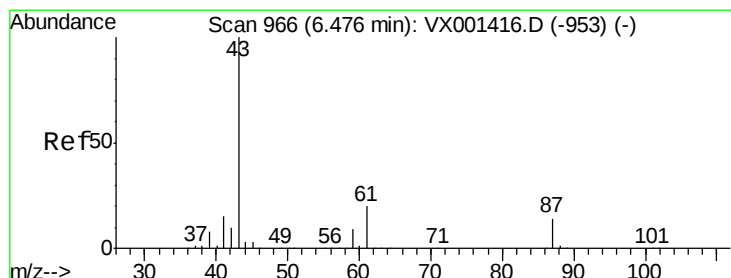
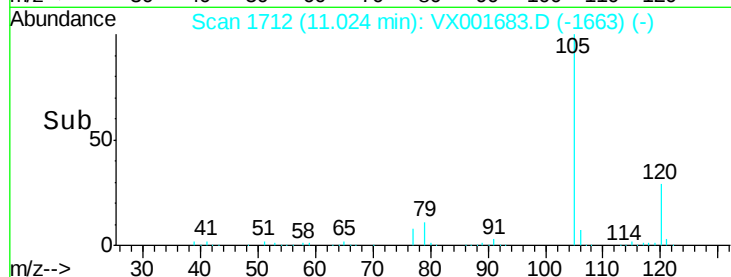
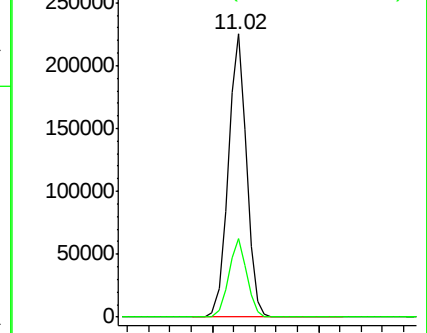
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.81 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Tgt Ion: 43 Resp: 126325

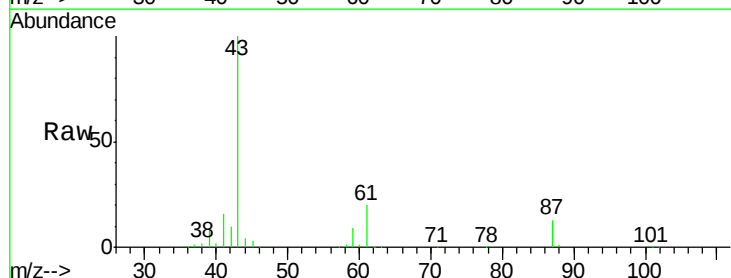
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.4 23.0

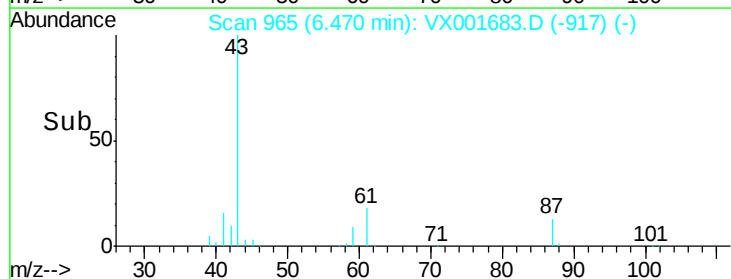
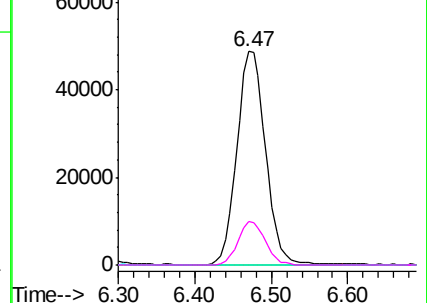


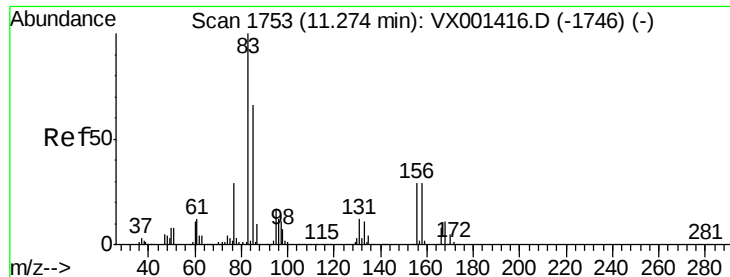
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

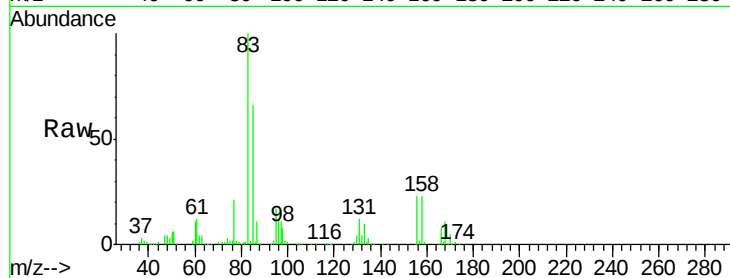
Tgt Ion: 83 Resp: 83227

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

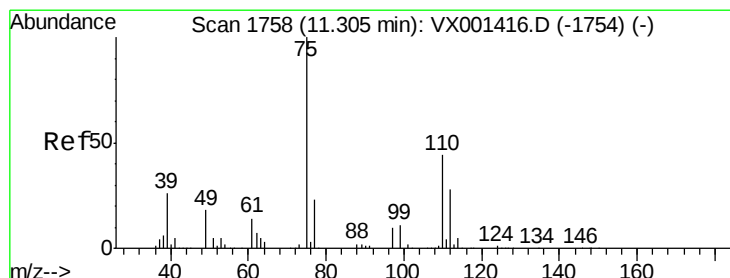
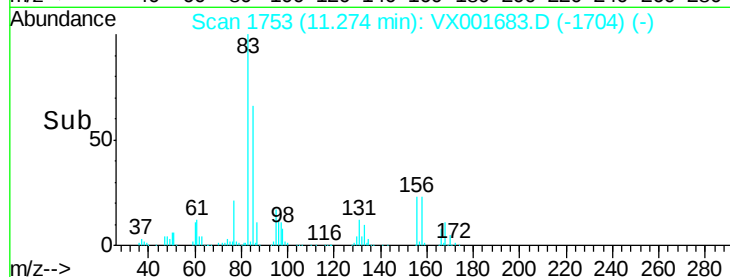
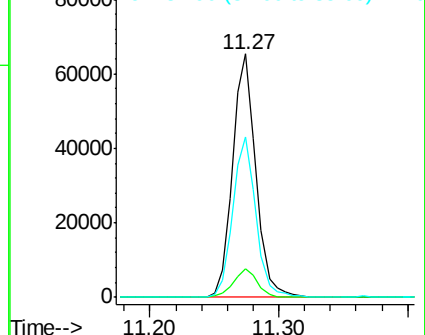
85 65.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.56 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001683.D

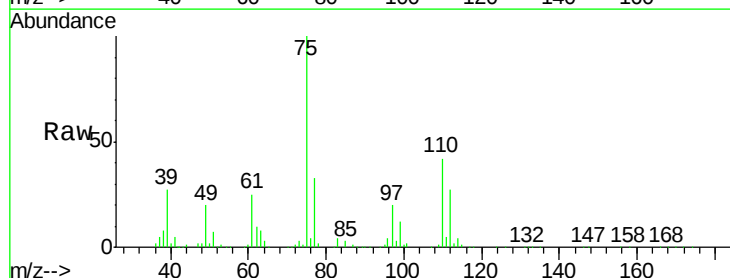
Acq: 12 May 2018 22:55

Tgt Ion: 75 Resp: 95501

Ion Ratio Lower Upper

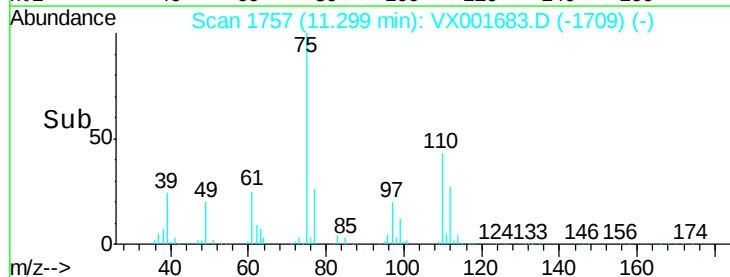
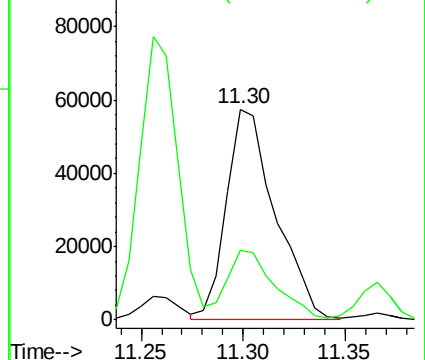
75 100

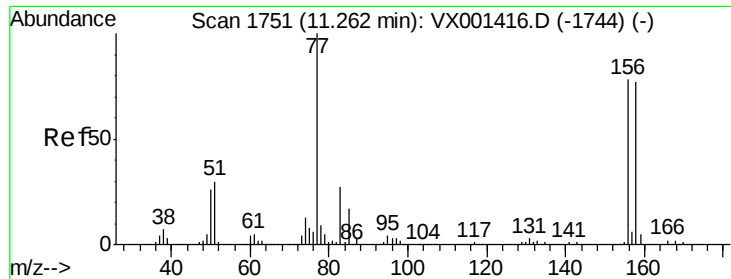
77 32.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

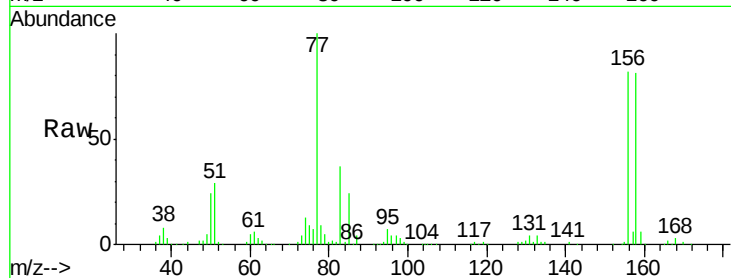




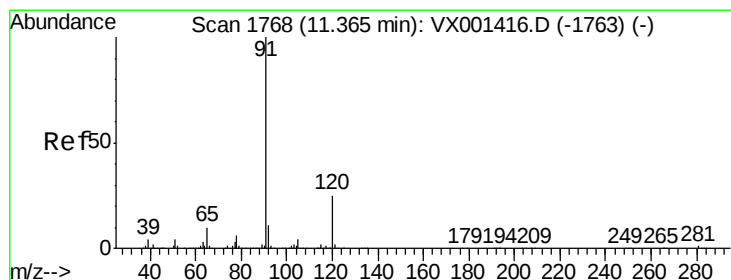
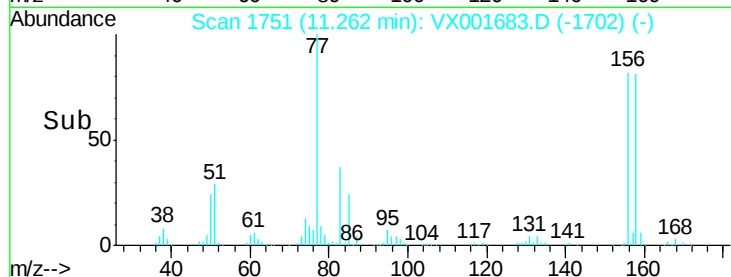
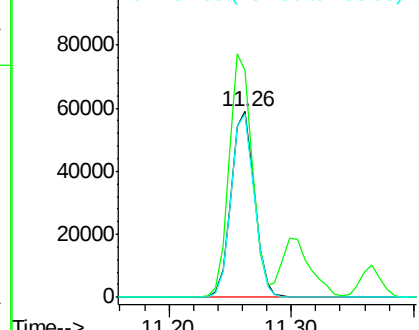
#77
Bromobenzene
Concen: 20.87 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Tgt Ion:156 Resp: 77359
Ion Ratio Lower Upper
156 100
77 129.4 66.0 198.2
158 98.1 49.4 148.2

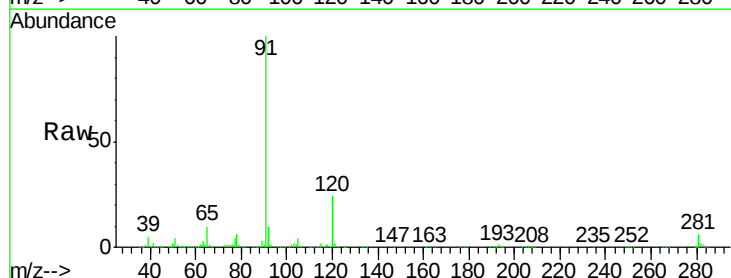


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

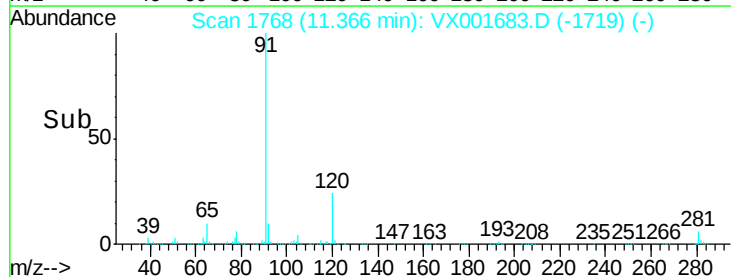
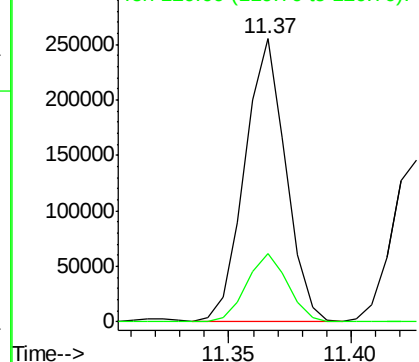


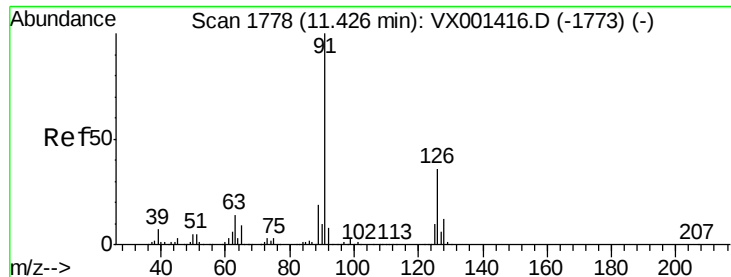
#78
n-propylbenzene
Concen: 21.24 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion: 91 Resp: 294888
Ion Ratio Lower Upper
91 100
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

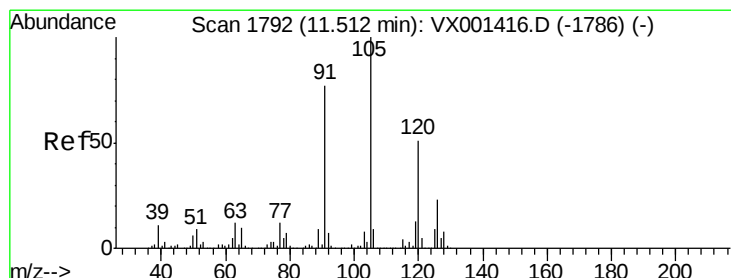
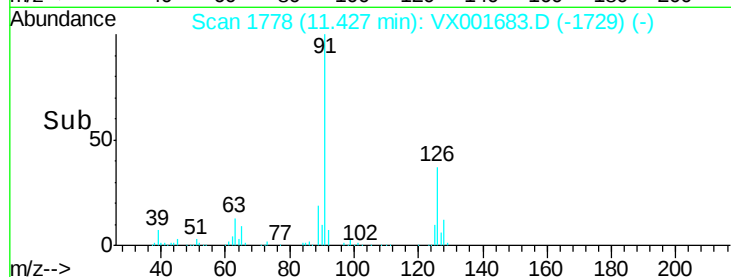
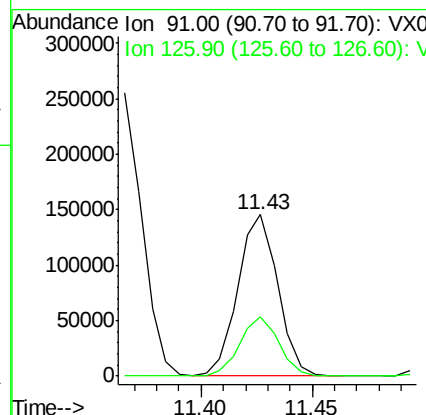
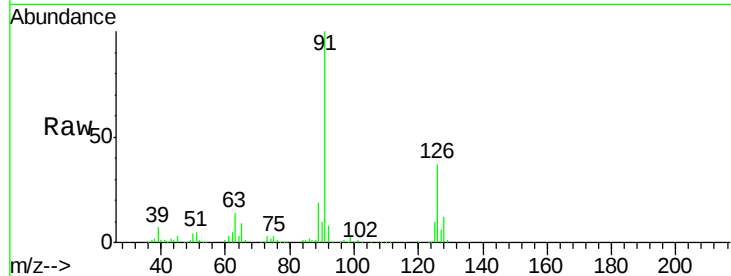




#79
 2-Chlorotoluene
 Concen: 21.14 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

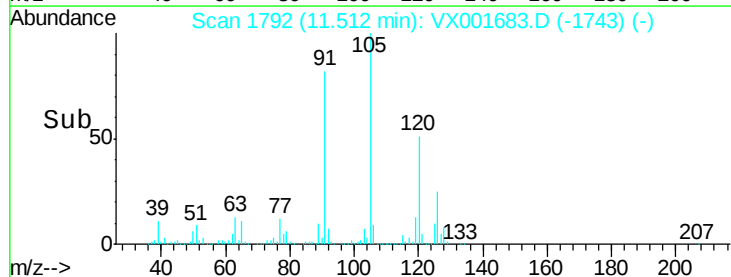
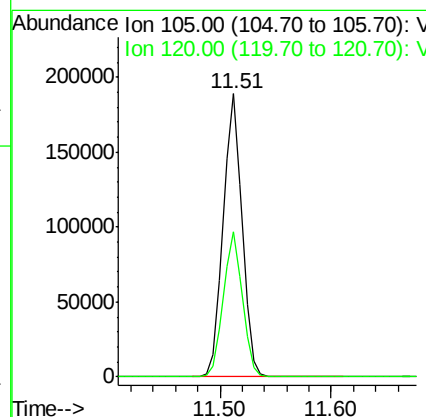
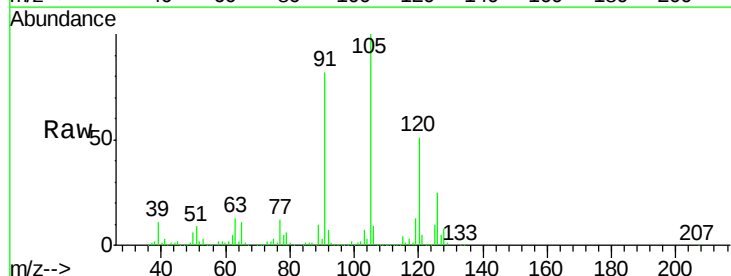
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

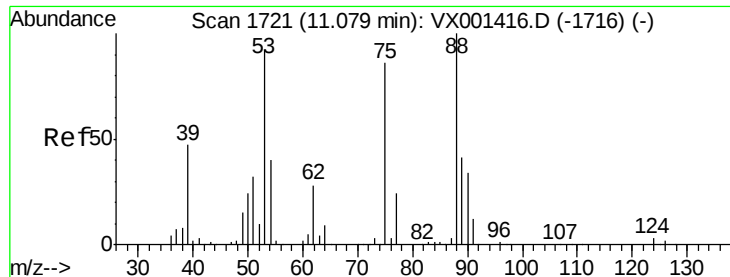
Tgt Ion: 91 Resp: 180645
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.96 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 105 Resp: 222470
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.63 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

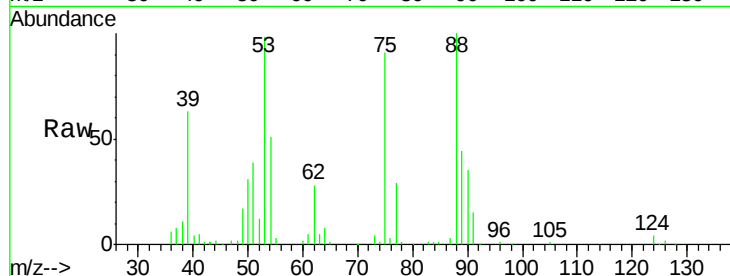
Tgt Ion: 75 Resp: 18385

Ion Ratio Lower Upper

75 100

53 116.3 84.5 126.7

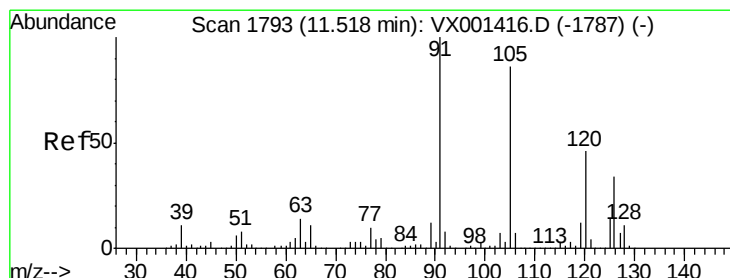
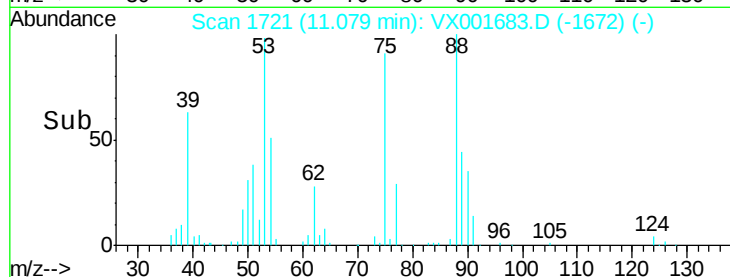
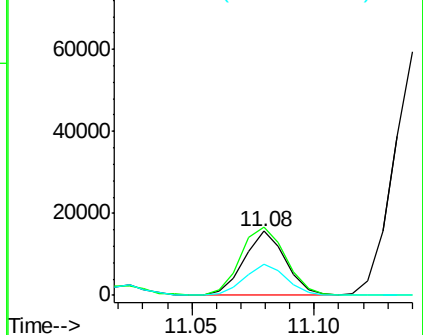
89 49.0 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.88 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001683.D

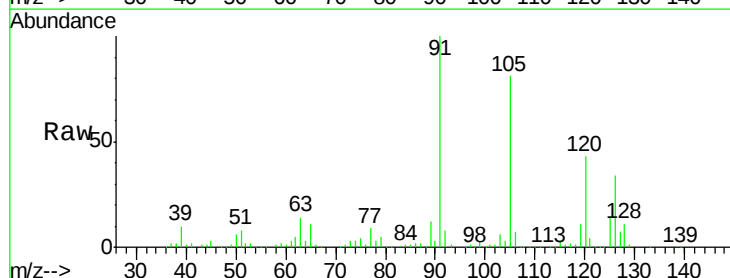
Acq: 12 May 2018 22:55

Tgt Ion: 91 Resp: 205792

Ion Ratio Lower Upper

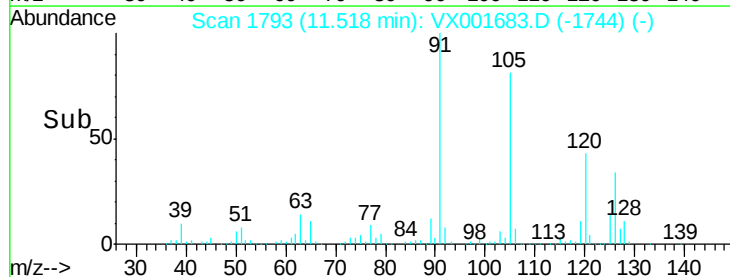
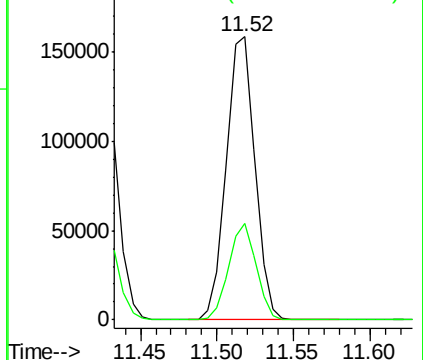
91 100

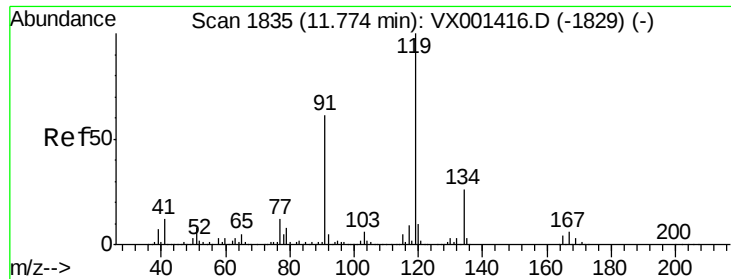
126 32.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

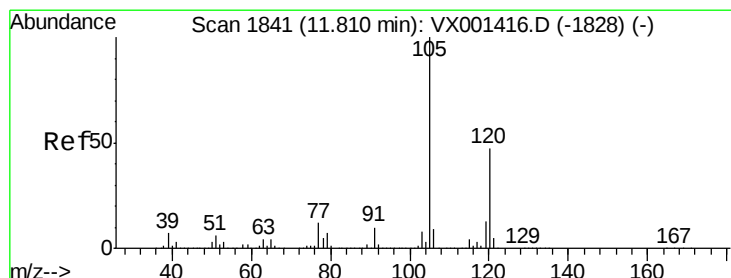
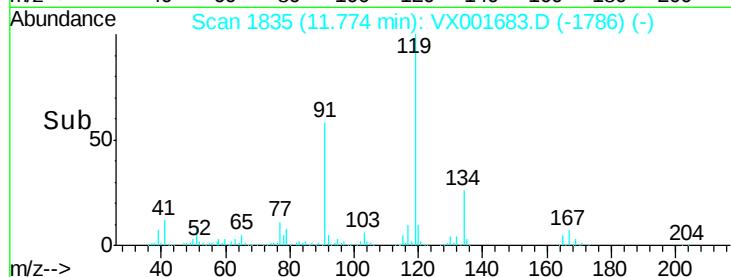
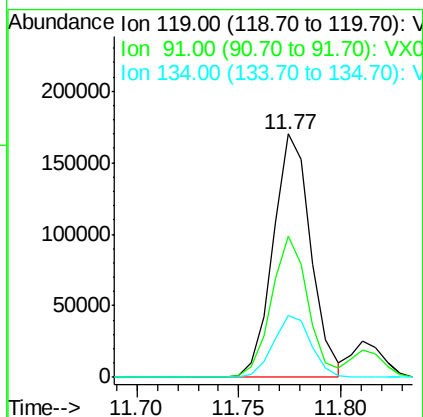
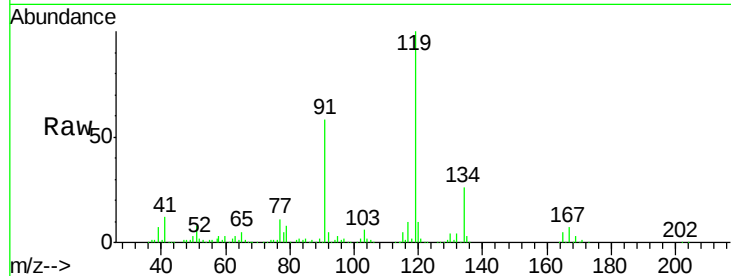




#83
 tert-Butylbenzene
 Concen: 20.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

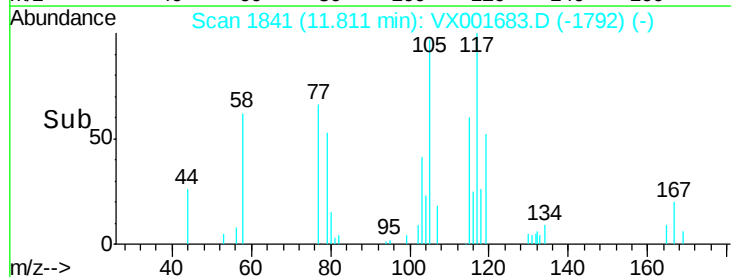
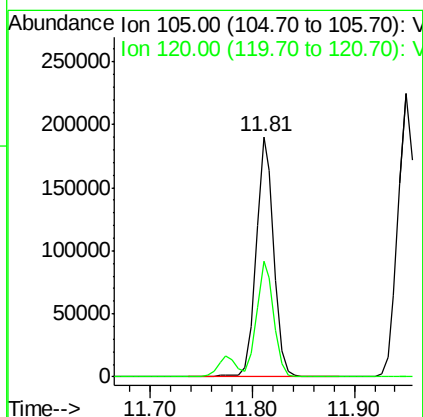
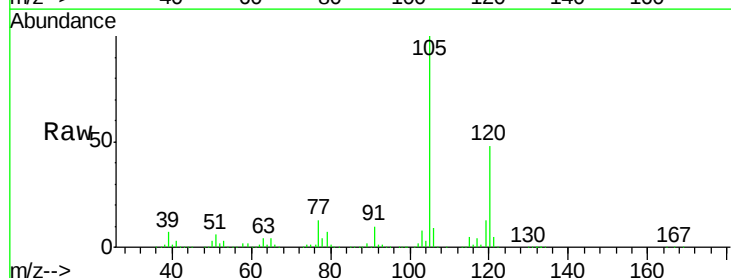
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

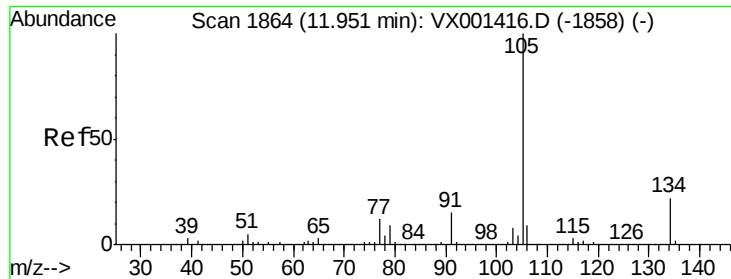
Tgt Ion:119 Resp: 219689
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.8 83.3
 134 25.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:105 Resp: 230960
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.2

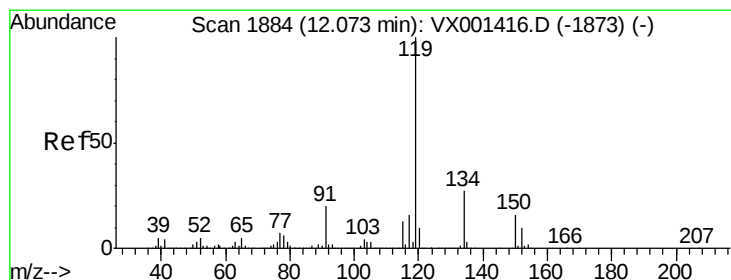
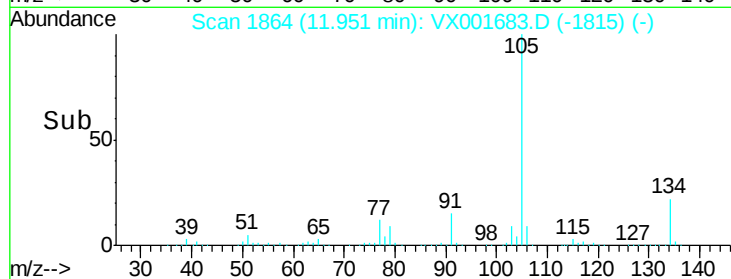
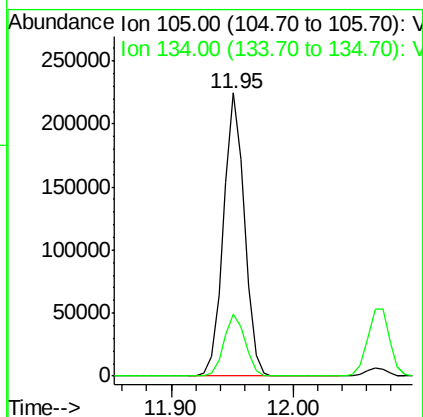
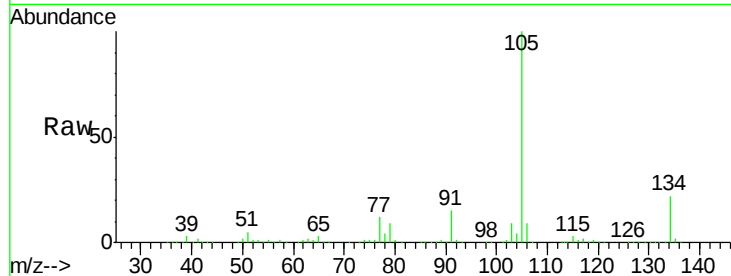




#85
 sec-Butylbenzene
 Concen: 20.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

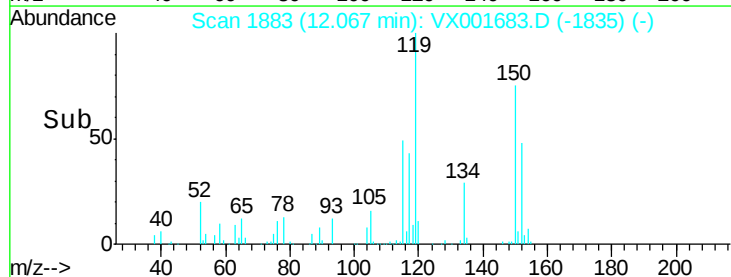
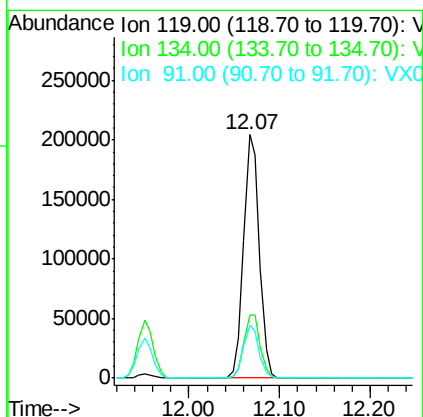
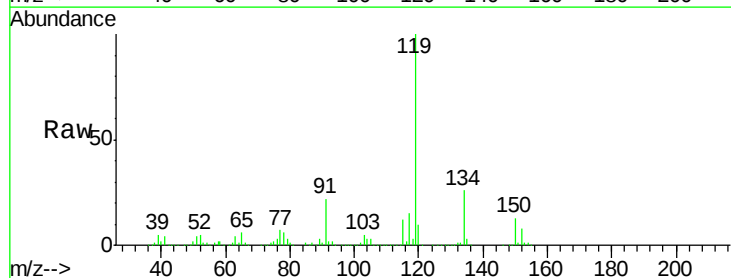
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

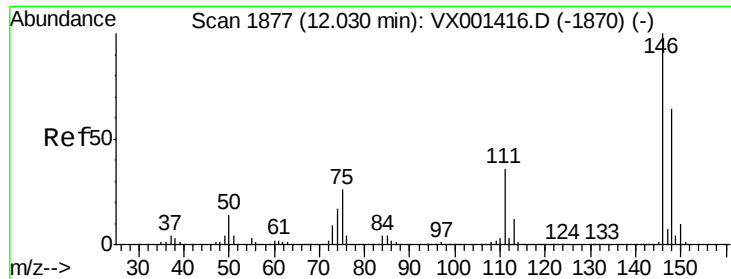
Tgt Ion:105 Resp: 265037
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.06 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:119 Resp: 244981
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.7 10.8 32.3

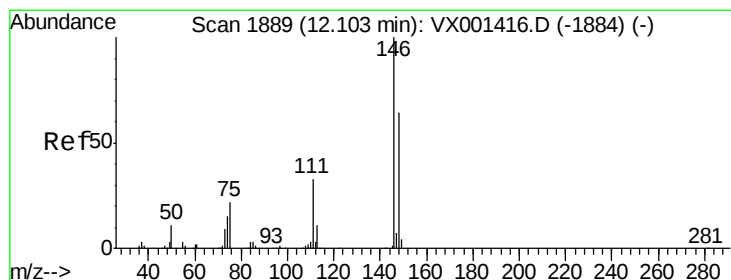
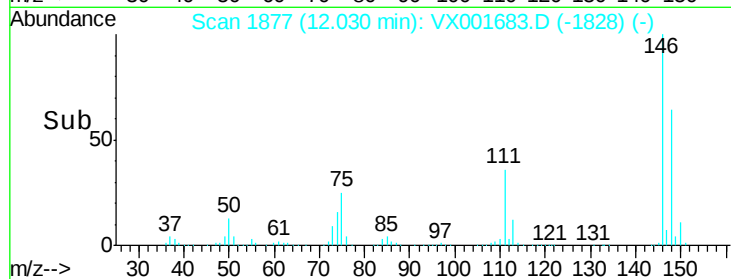
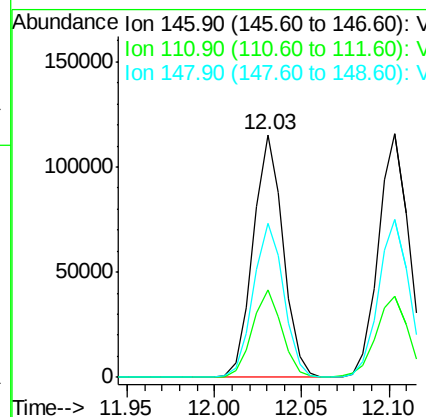
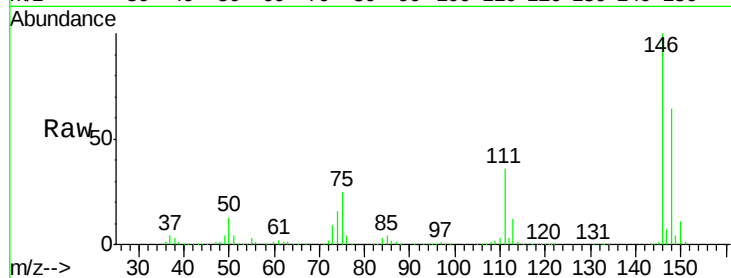




#87
 1,3-Dichlorobenzene
 Concen: 20.74 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

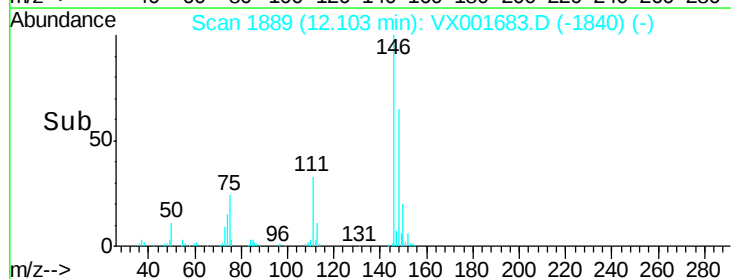
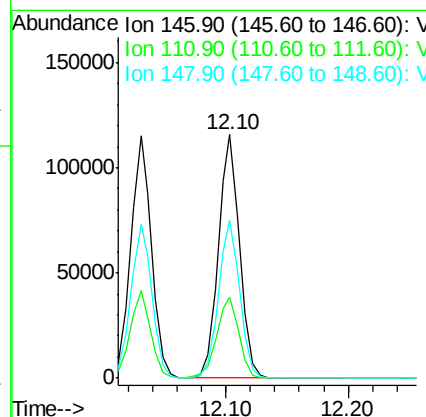
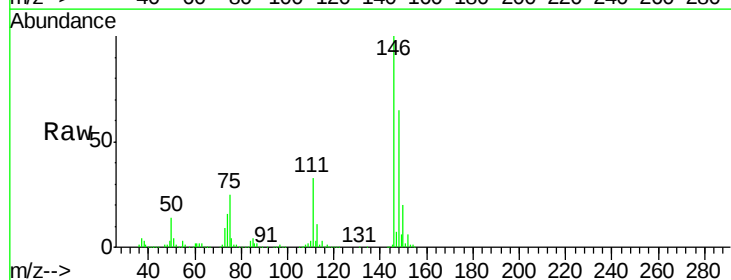
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

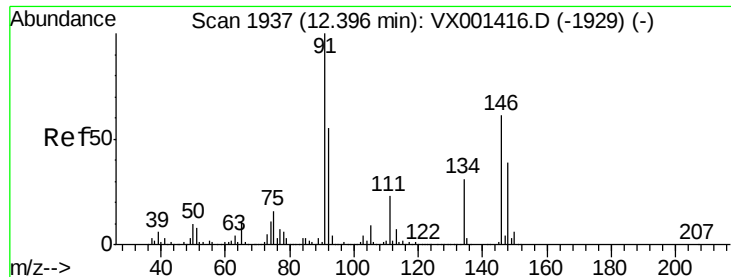
Tgt Ion:146 Resp: 137437
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.74 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:146 Resp: 140191
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.4 52.3
 148 65.1 32.2 96.6





#89

n-Butylbenzene

Concen: 19.40 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001683.D

Acq: 12 May 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD02

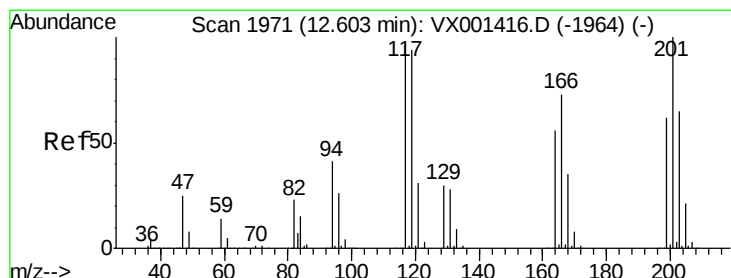
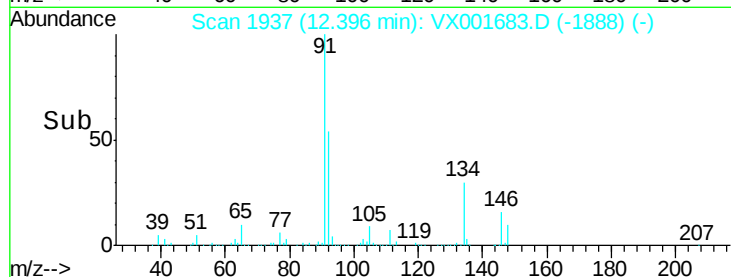
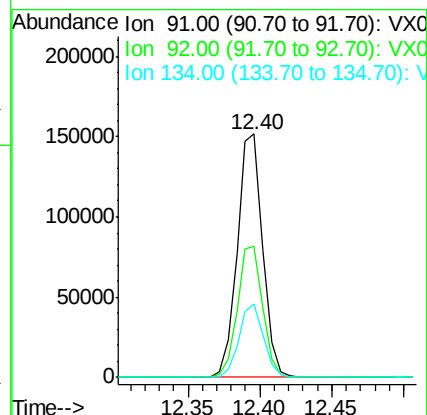
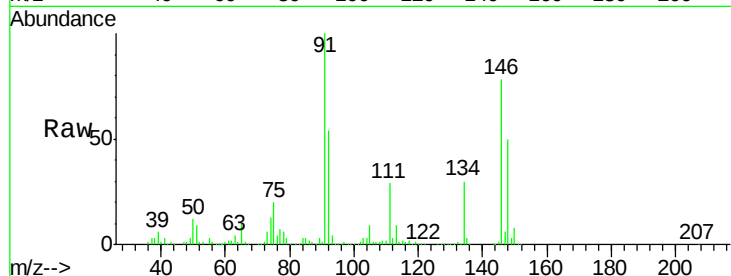
Tgt Ion: 91 Resp: 186957

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

134 29.1 14.6 44.0



#90

Hexachloroethane

Concen: 21.02 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001683.D

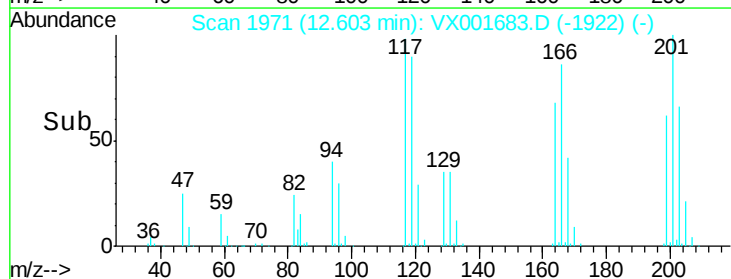
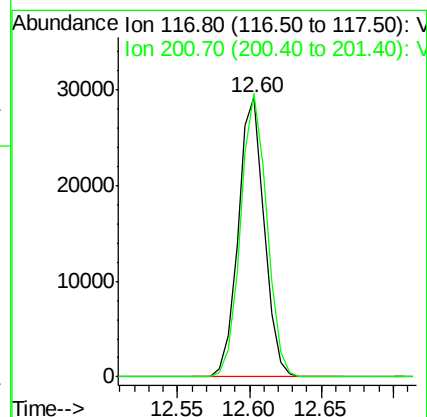
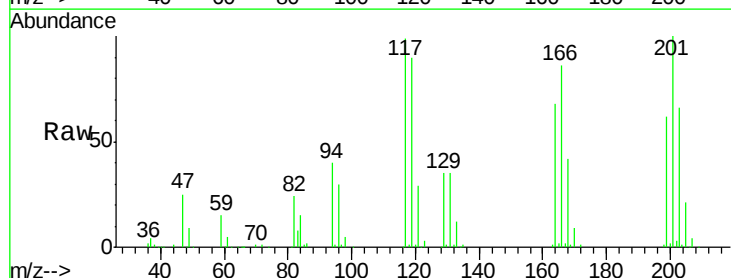
Acq: 12 May 2018 22:55

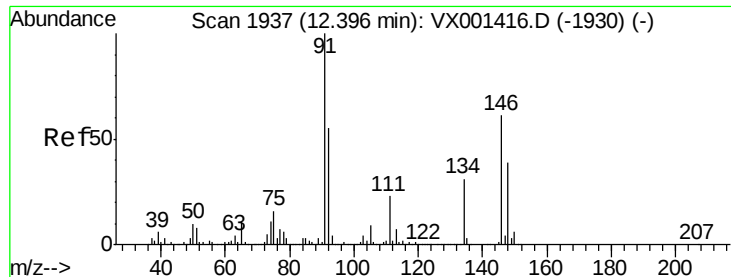
Tgt Ion: 117 Resp: 36809

Ion Ratio Lower Upper

117 100

201 102.1 51.5 154.5

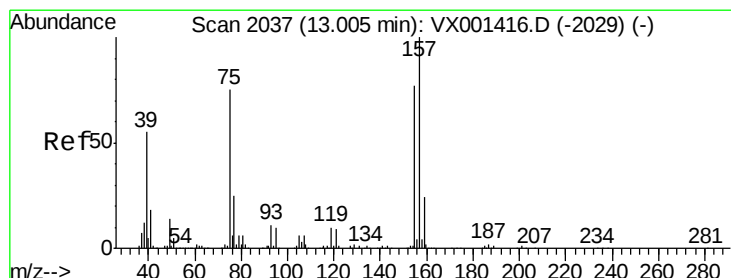
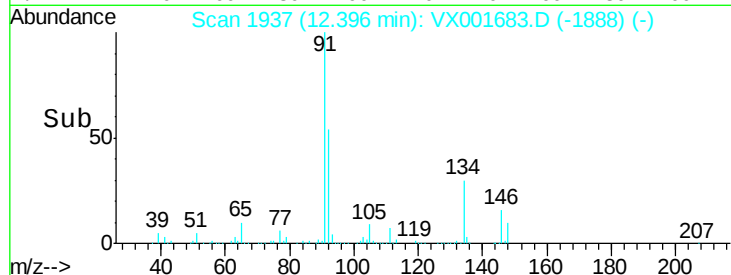
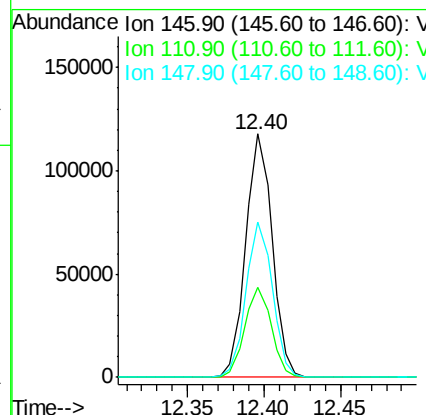
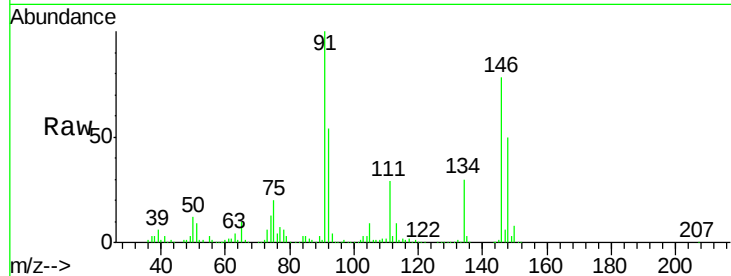




#91
 1,2-Dichlorobenzene
 Concen: 21.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

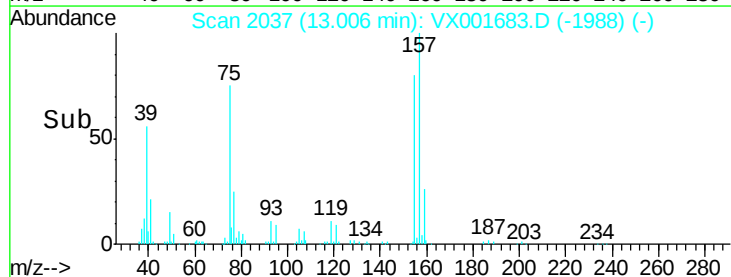
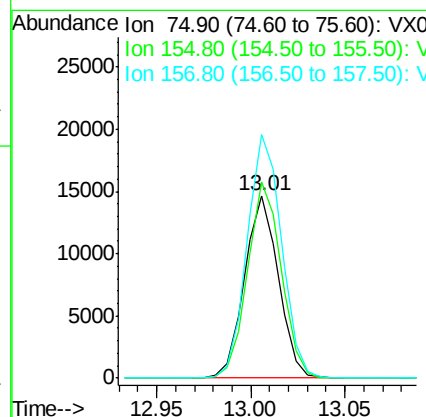
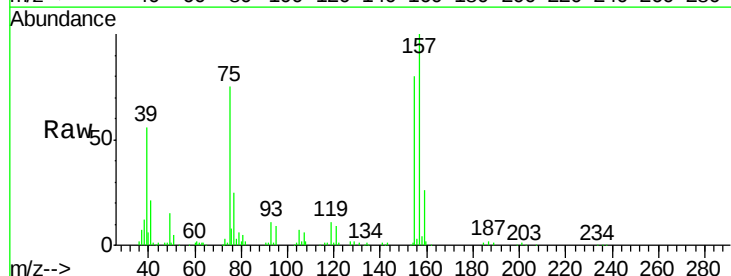
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

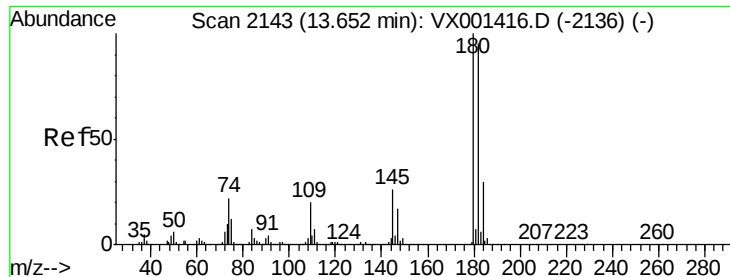
Tgt Ion: 146 Resp: 141556
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion: 75 Resp: 18181
 Ion Ratio Lower Upper
 75 100
 155 107.5 53.4 160.2
 157 136.3 68.3 204.8

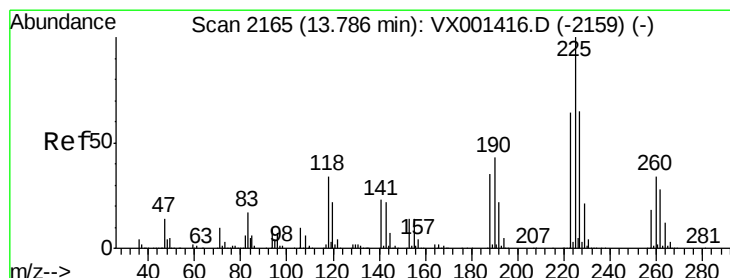
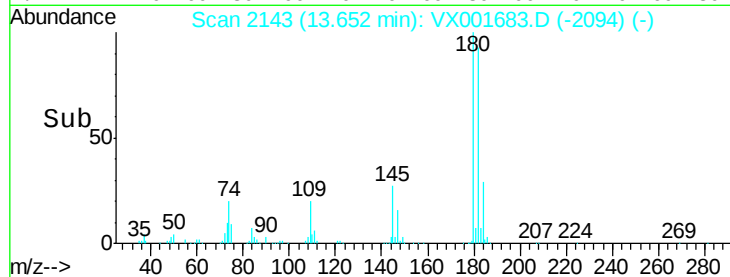
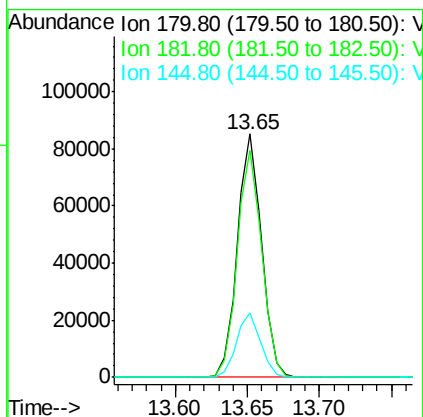
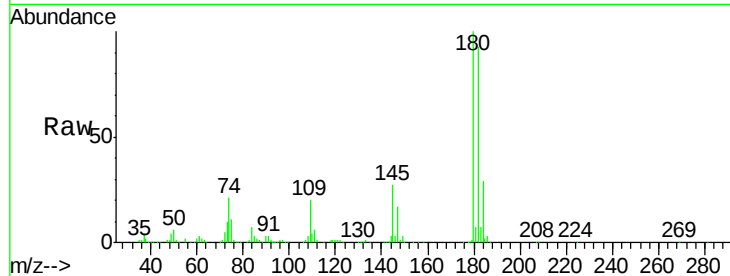




#93
 1,2,4-Trichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

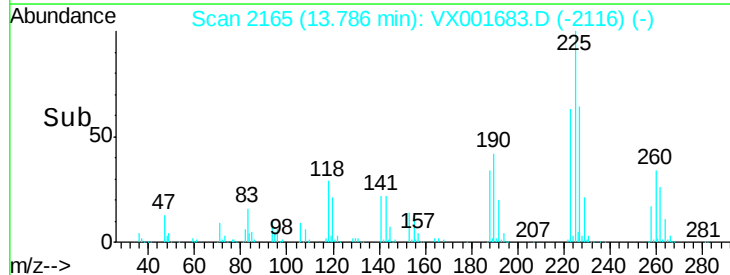
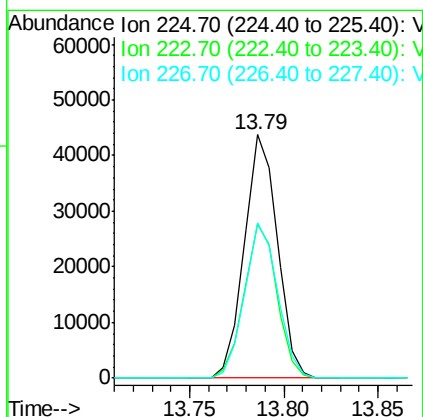
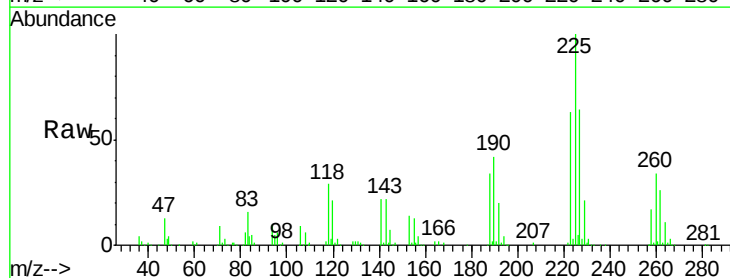
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD02

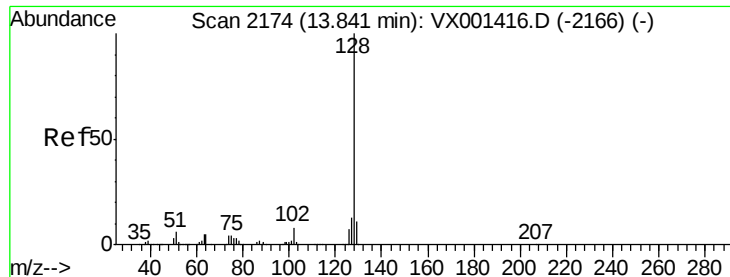
Tgt Ion:180 Resp: 99526
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 26.7 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 19.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001683.D
 Acq: 12 May 2018 22:55

Tgt Ion:225 Resp: 53321
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.9
 227 63.6 32.4 97.2

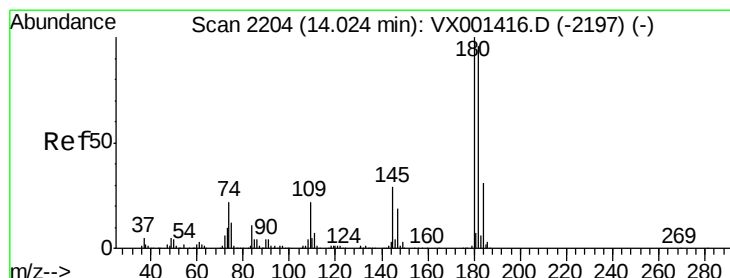
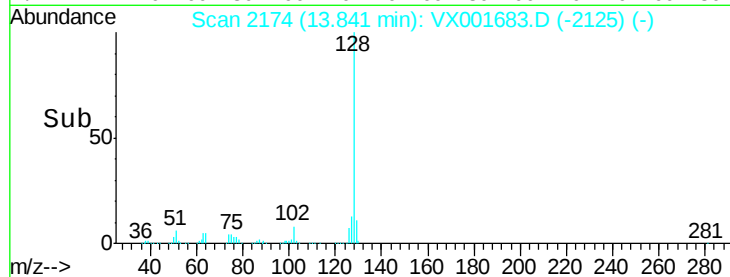
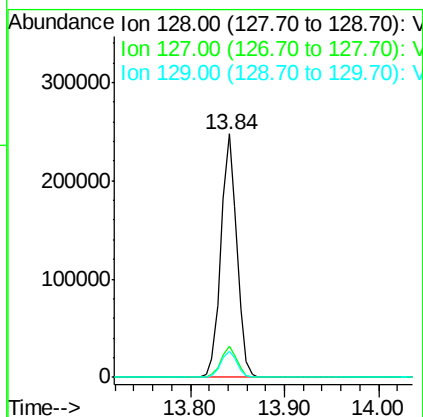
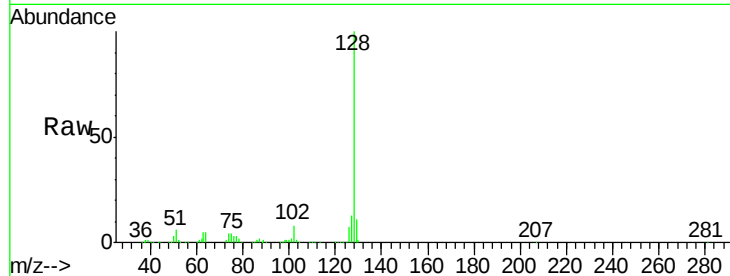




#95
Naphthalene
Concen: 21.15 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD02

Tgt Ion:128 Resp: 288611
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.82 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001683.D
Acq: 12 May 2018 22:55

Tgt Ion:180 Resp: 105399
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 28.5 14.1 42.4

