

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001482.D
 Acq On : 07 May 2018 23:20
 Operator : JC/MD
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Quant Time: May 08 06:12:45 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	220750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179422	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	142026	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	8.72	98	487262	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	180037	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60630	20.40	ug/l	96
3) Chloromethane	1.32	50	65016	22.46	ug/l	100
4) Vinyl Chloride	1.40	62	67032	22.19	ug/l	98
5) Bromomethane	1.64	94	43956	30.45	ug/l	99
6) Chloroethane	1.72	64	43905	21.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	95350	20.98	ug/l	98
8) Diethyl Ether	2.19	74	41360	23.21	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51736	19.41	ug/l	99
10) Methyl Iodide	2.51	142	81530	21.20	ug/l	99
11) Tert butyl alcohol	3.08	59	84672	126.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52482	21.49	ug/l	99
13) Acrolein	2.29	56	16995	122.94	ug/l	92
14) Allyl chloride	2.73	41	101900	22.37	ug/l	99
15) Acrylonitrile	3.15	53	182616	120.80	ug/l	100
16) Acetone	2.45	43	164454	114.15	ug/l	98
17) Carbon Disulfide	2.57	76	122089	19.64	ug/l	98
18) Methyl Acetate	2.78	43	95068	25.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	200494	23.57	ug/l	99
20) Methylene Chloride	2.86	84	63731	22.34	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57631	21.14	ug/l	94
22) Diisopropyl ether	3.88	45	191936	22.56	ug/l	99
23) Vinyl Acetate	3.83	43	801912	113.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101952	21.45	ug/l	100
25) 2-Butanone	4.71	43	245236	117.75	ug/l	98
26) 2,2-Dichloropropane	4.59	77	62338	16.98	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	63996	22.04	ug/l	98
28) Bromochloromethane	5.03	49	45871	22.26	ug/l	96
29) Tetrahydrofuran	5.18	42	157675	118.33	ug/l	100
30) Chloroform	5.22	83	112614	23.00	ug/l	100
31) Cyclohexane	5.58	56	75636	18.53	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93572	21.87	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72572	18.99	ug/l	100
37) Ethyl Acetate	4.87	43	92363	22.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	81164	19.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76504	16.93	ug/l	97
40) Benzene	6.15	78	238430	21.36	ug/l	99
41) Methacrylonitrile	5.07	41	52862	22.06	ug/l	98
42) 1,2-Dichloroethane	6.20	62	97179	22.65	ug/l	99
43) Isopropyl Acetate	6.48	43	142568	22.17	ug/l	100
44) Trichloroethene	7.22	130	70114	20.55	ug/l	96
45) 1,2-Dichloropropane	7.52	63	61257	22.02	ug/l	98
46) Dibromomethane	7.67	93	42573	21.61	ug/l	98
47) Bromodichloromethane	7.90	83	78842	21.63	ug/l	98
48) Methyl methacrylate	7.79	41	75894	21.68	ug/l	100
49) 1,4-Dioxane	7.76	88	33968	449.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	494455	115.72	ug/l	99
52) Toluene	8.79	92	153085	20.98	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	87477	21.23	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	77762	19.69	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	63689	21.66	ug/l	99
56) Ethyl methacrylate	9.19	69	90191	21.28	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105991	21.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237358	114.18	ug/l	100
59) 2-Hexanone	9.51	43	369101	112.80	ug/l	99
60) Dibromochloromethane	9.59	129	63925	21.23	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68282	22.12	ug/l	100
64) Tetrachloroethene	9.34	164	80471	20.55	ug/l	99
65) Chlorobenzene	10.15	112	171097	20.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63357	21.49	ug/l	99
67) Ethyl Benzene	10.26	91	267788	19.83	ug/l	100
68) m/p-Xylenes	10.37	106	215859	40.44	ug/l	100
69) o-Xylene	10.70	106	105192	20.28	ug/l	96
70) Styrene	10.72	104	175791	20.86	ug/l	99
71) Bromoform	10.87	173	50532	20.12	ug/l #	100
73) Isopropylbenzene	11.02	105	275691	20.48	ug/l	100
74) N-amyl acetate	6.48	43	142568	23.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91780	23.08	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	102324	25.95	ug/l	91
77) Bromobenzene	11.26	156	82868	21.17	ug/l	99
78) n-propylbenzene	11.37	91	299874	20.46	ug/l	99
79) 2-Chlorotoluene	11.43	91	189162	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	232295	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19621	18.79	ug/l	88
82) 4-Chlorotoluene	11.52	91	218022	20.95	ug/l	99
83) tert-Butylbenzene	11.77	119	221932	19.90	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	241711	20.98	ug/l	99
85) sec-Butylbenzene	11.95	105	267025	19.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	247716	20.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145206	20.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145407	20.38	ug/l	99
89) n-Butylbenzene	12.40	91	188001	18.48	ug/l	100
90) Hexachloroethane	12.60	117	35520	19.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150123	21.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20342	23.29	ug/l	97

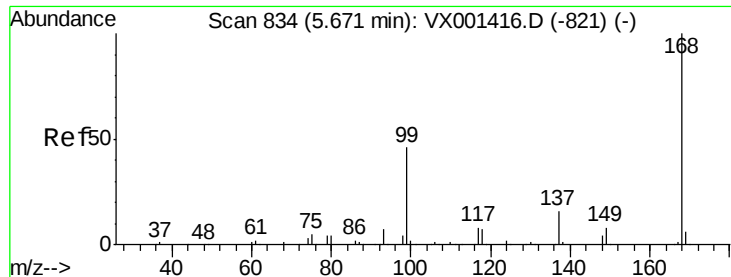
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104363	20.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	53821	18.89	ug/l	99
95) Naphthalene	13.84	128	321289	22.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112501	21.05	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

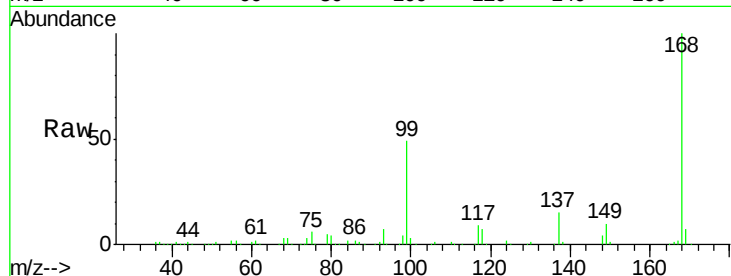
VX0507WBS02

Tgt Ion:168 Resp: 220750

Ion Ratio Lower Upper

168 100

99 48.4 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

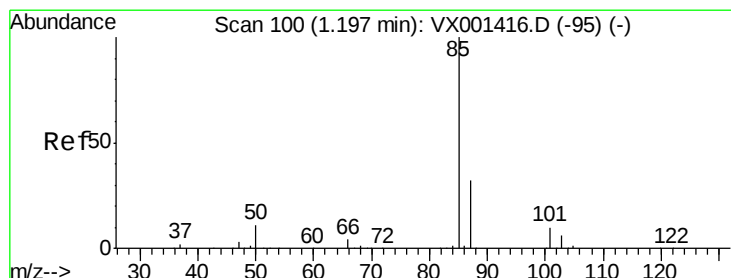
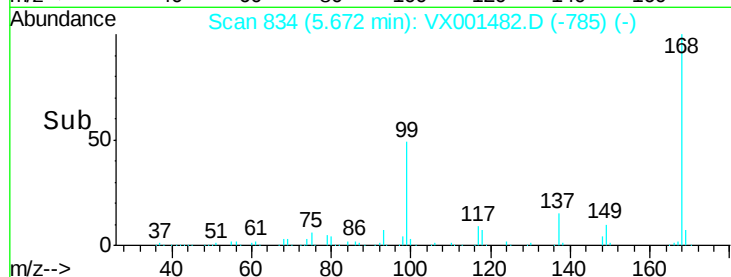
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001482.D

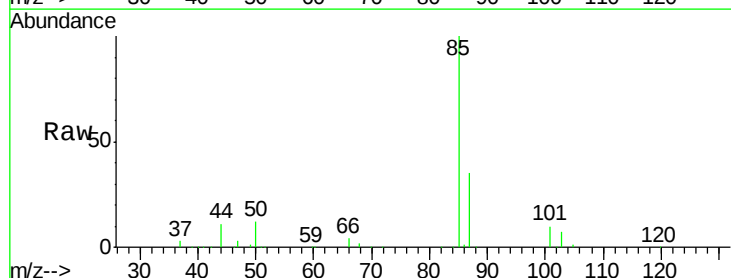
Acq: 07 May 2018 23:20

Tgt Ion: 85 Resp: 60630

Ion Ratio Lower Upper

85 100

87 34.5 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

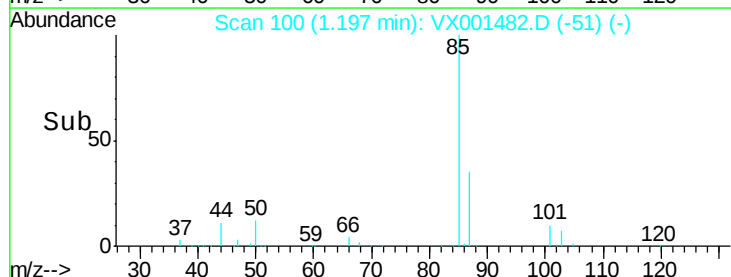
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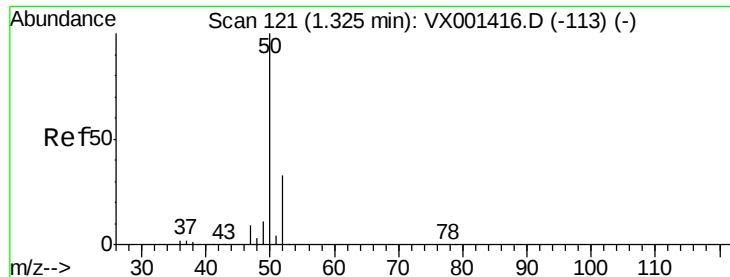
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

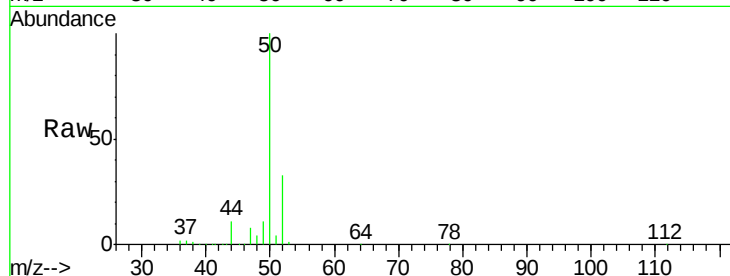
VX0507WBS02

Tgt Ion: 50 Resp: 65016

Ion Ratio Lower Upper

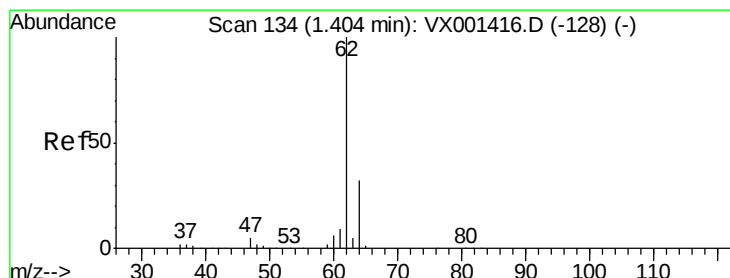
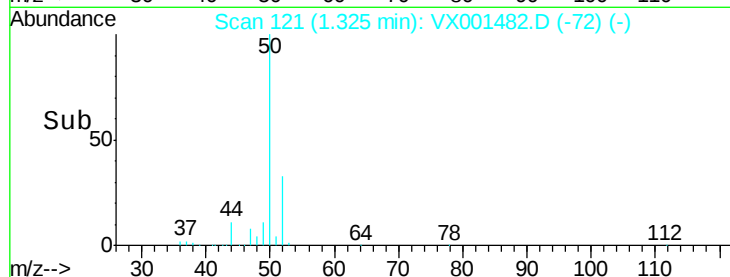
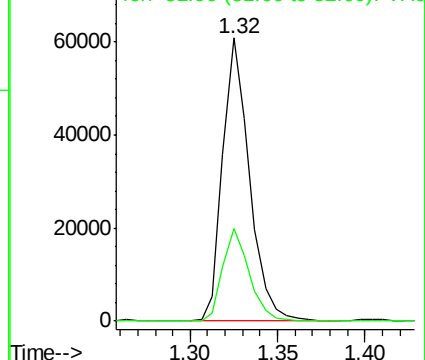
50 100

52 32.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001482.D

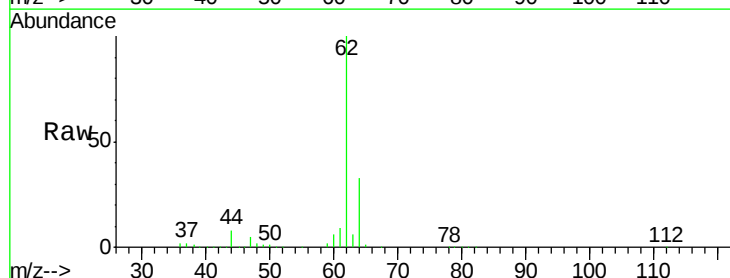
Acq: 07 May 2018 23:20

Tgt Ion: 62 Resp: 67032

Ion Ratio Lower Upper

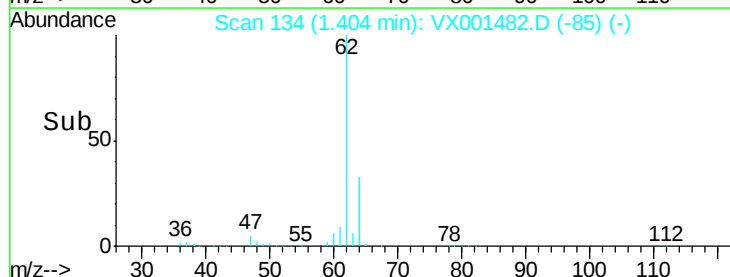
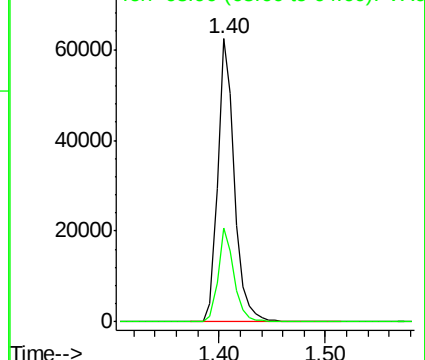
62 100

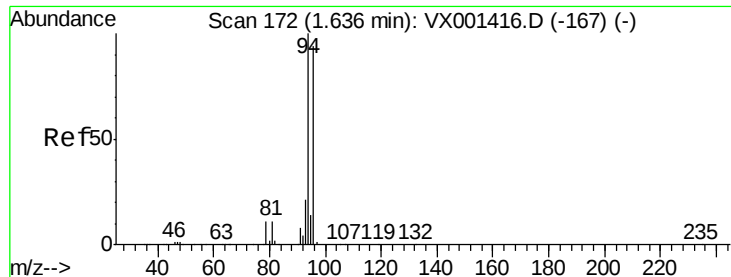
64 33.1 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

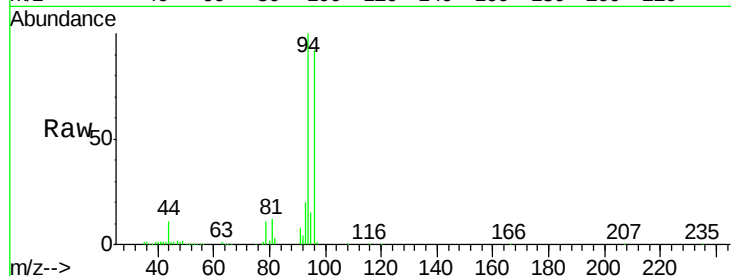
VX0507WBS02

Tgt Ion: 94 Resp: 43956

Ion Ratio Lower Upper

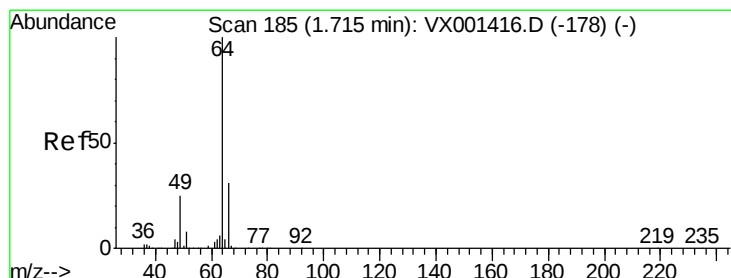
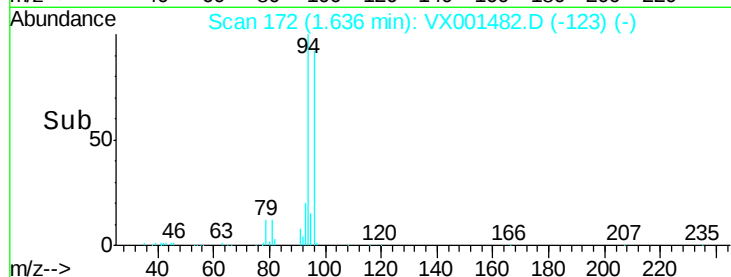
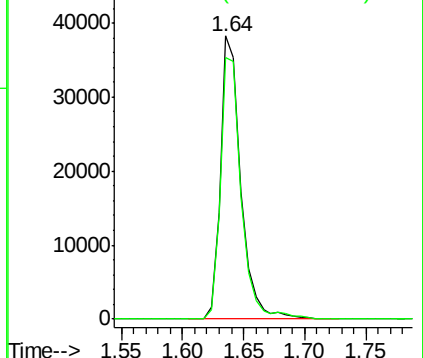
94 100

96 92.4 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: 21.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001482.D

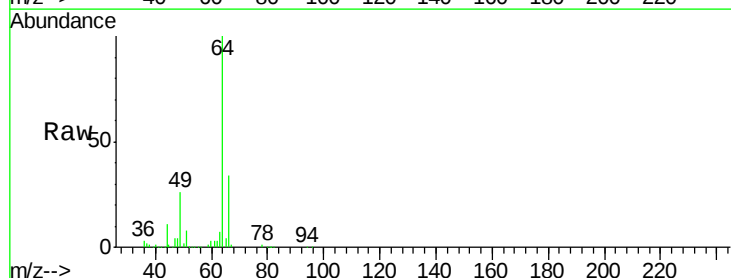
Acq: 07 May 2018 23:20

Tgt Ion: 64 Resp: 43905

Ion Ratio Lower Upper

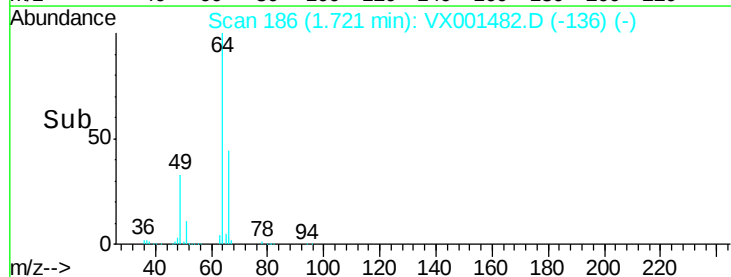
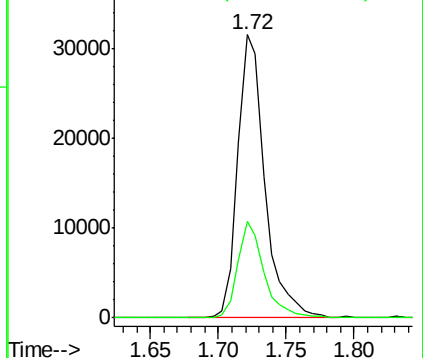
64 100

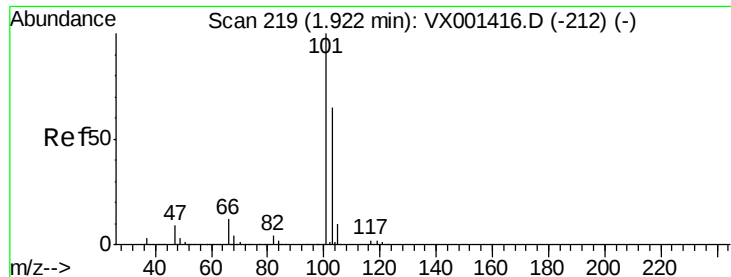
66 34.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



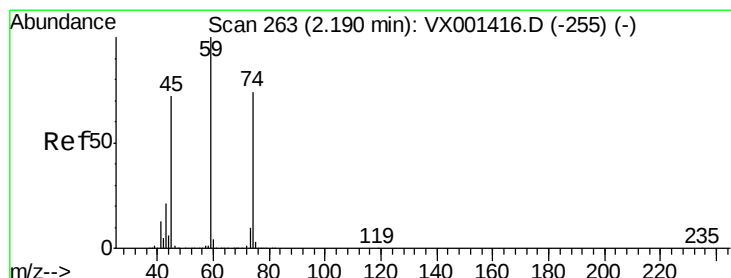
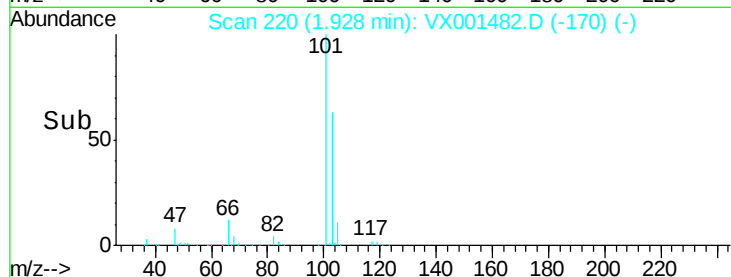
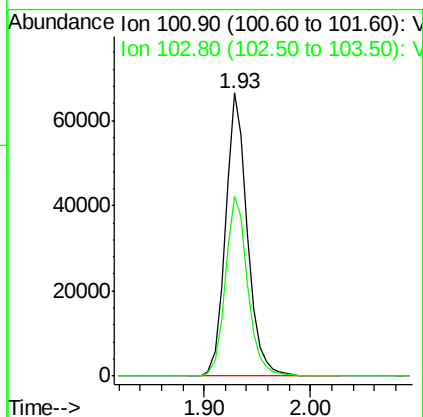
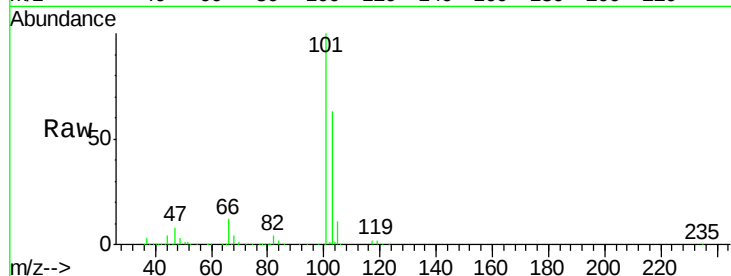


#7

Trichlorofluoromethane
 Concen: 20.98 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

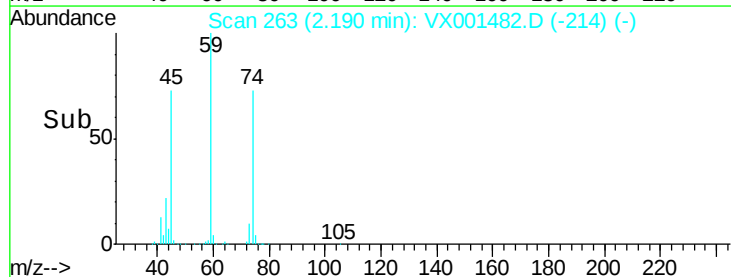
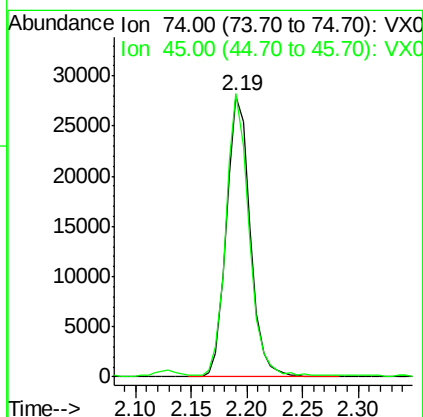
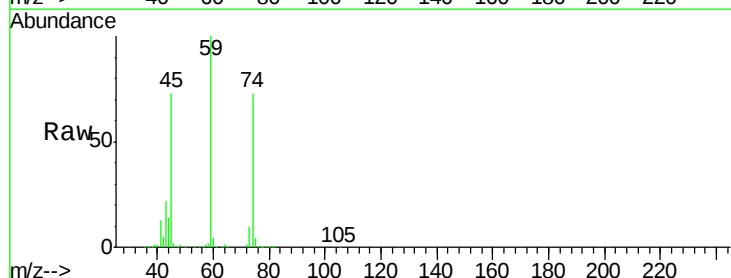
Tgt Ion:101 Resp: 95350
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.0 78.0

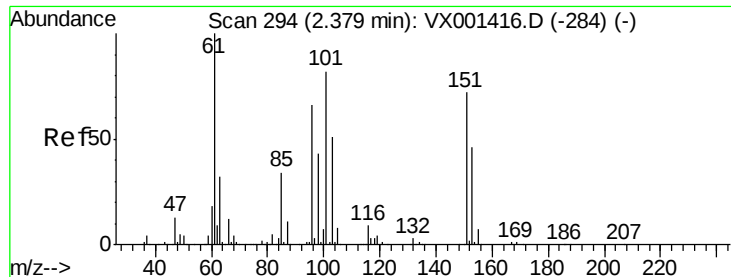


#8

Diethyl Ether
 Concen: 23.21 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 74 Resp: 41360
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

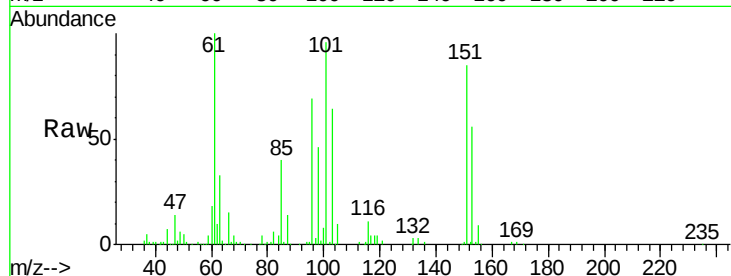
Tgt Ion:101 Resp: 51736

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

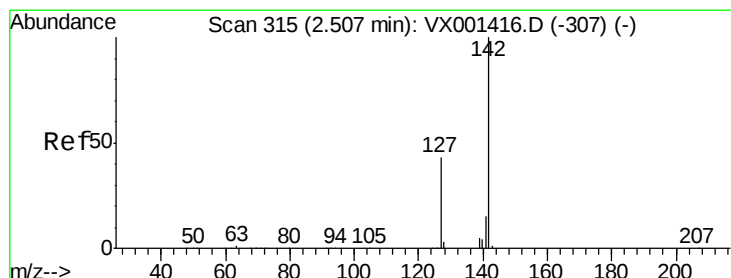
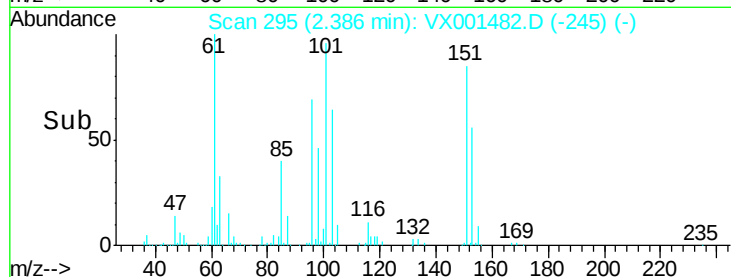
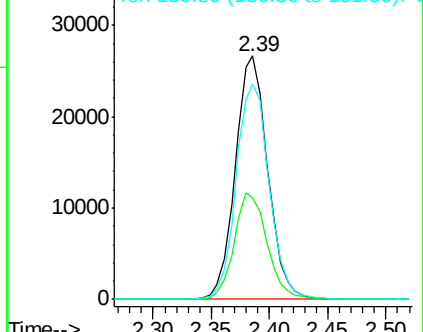
151 90.9 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.20 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

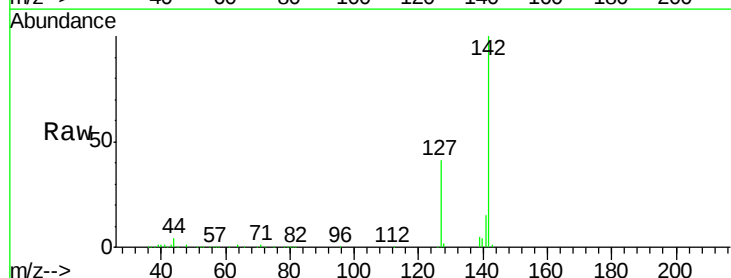
Tgt Ion:142 Resp: 81530

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

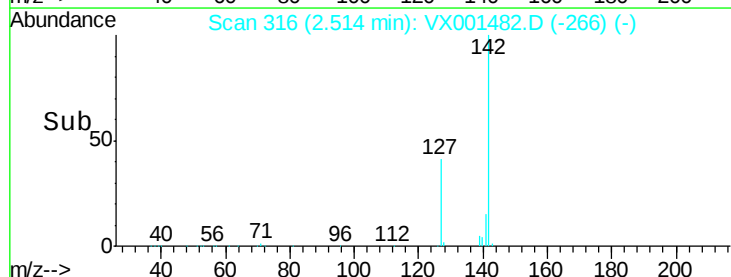
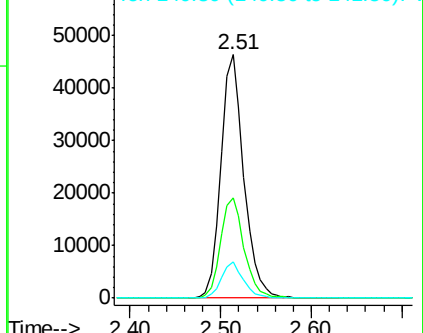
141 14.3 11.4 17.2

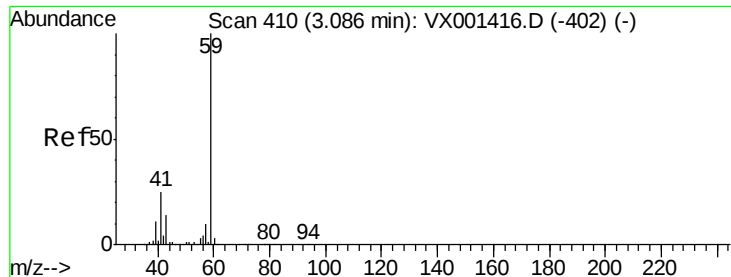


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



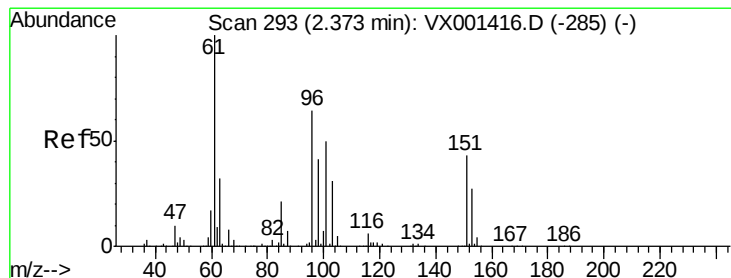
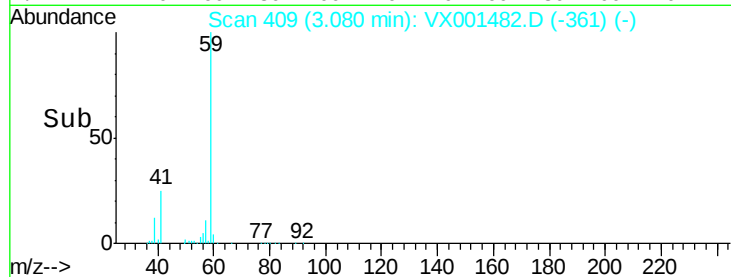
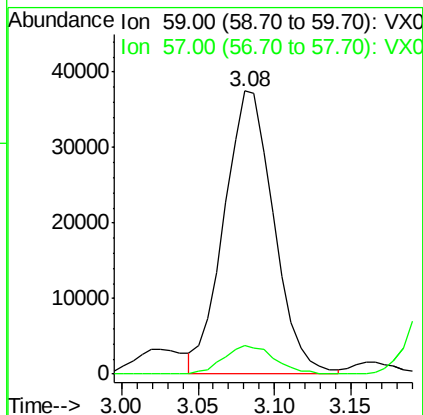
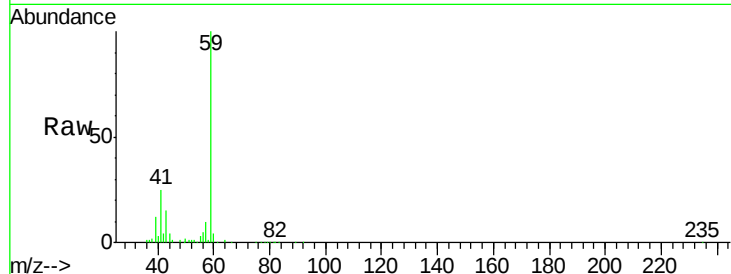


#11

Tert butyl alcohol
 Concen: 126.57 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

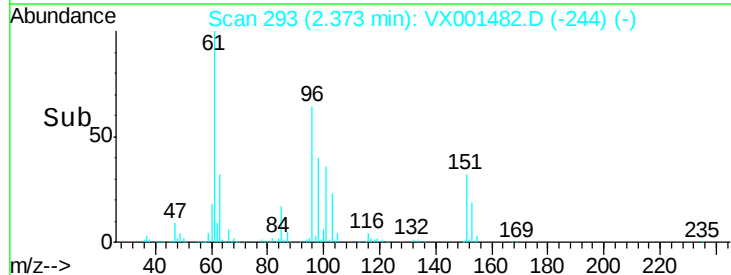
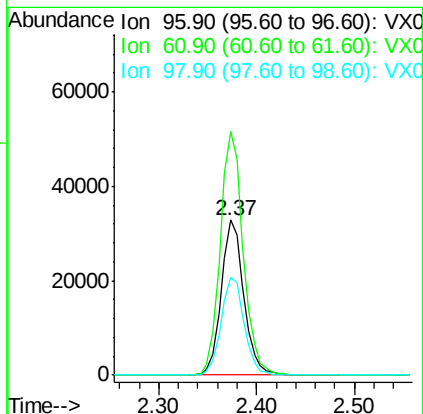
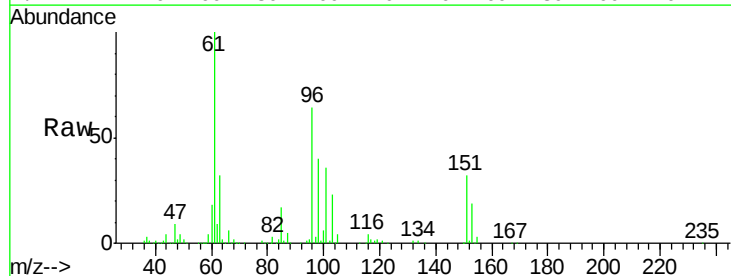
Tgt Ion: 59 Resp: 84672
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 21.49 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 96 Resp: 52482
 Ion Ratio Lower Upper
 96 100
 61 157.1 125.7 188.5
 98 62.9 52.0 78.0





#13

Acrolein

Concen: 122.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

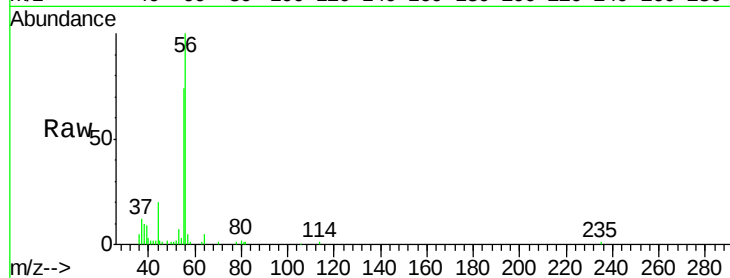
VX0507WBS02

Tgt Ion: 56 Resp: 16995

Ion Ratio Lower Upper

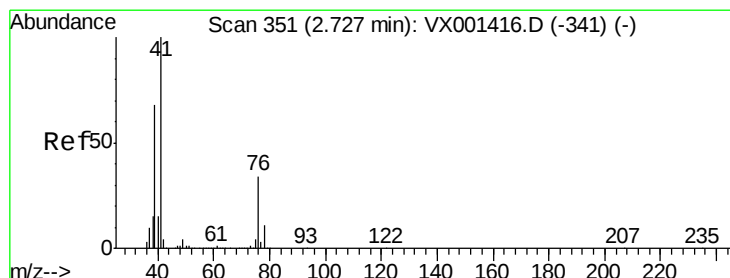
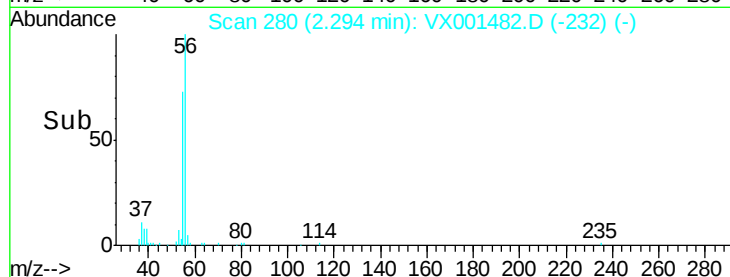
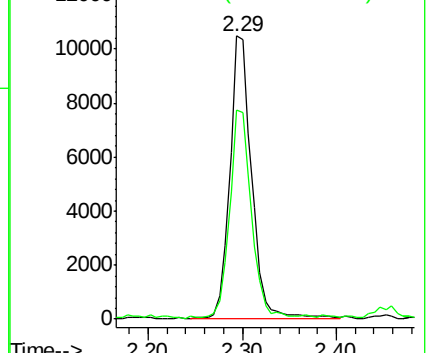
56 100

55 74.2 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: 22.37 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

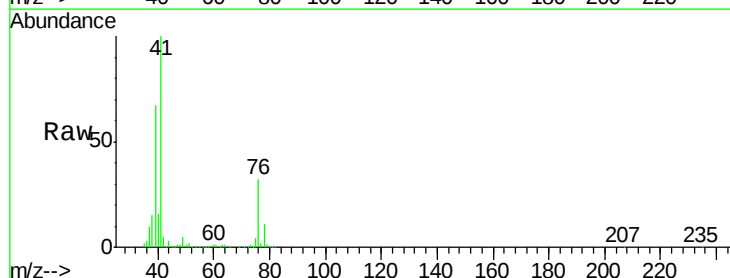
Tgt Ion: 41 Resp: 101900

Ion Ratio Lower Upper

41 100

39 65.3 52.4 78.6

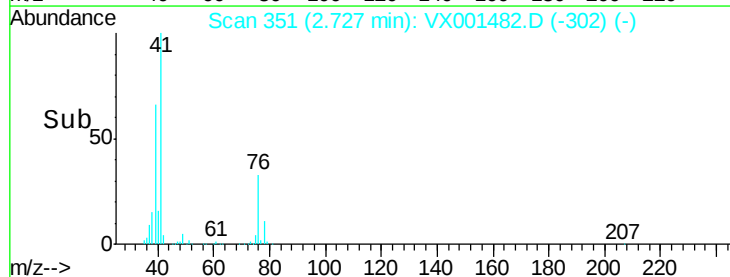
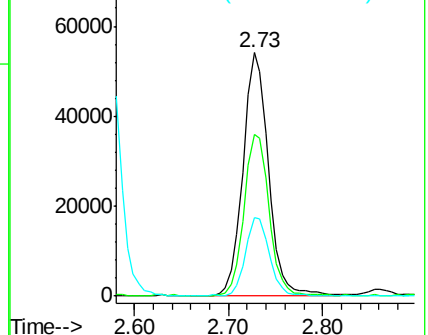
76 30.8 25.8 38.6

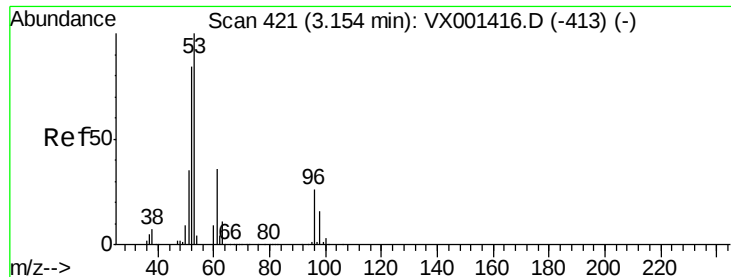


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 120.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

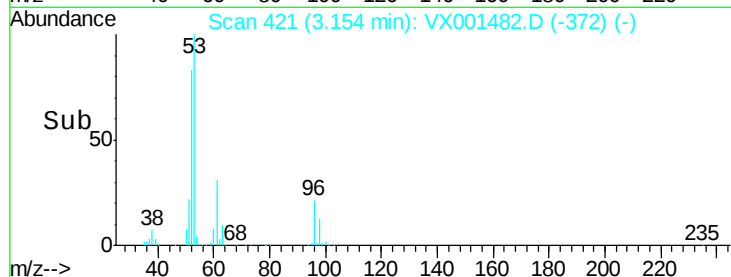
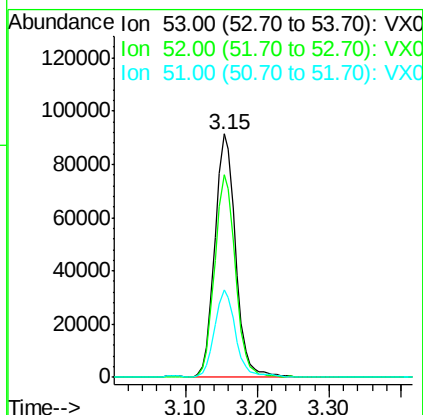
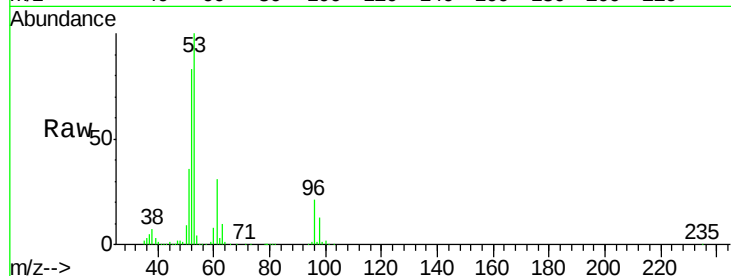
Tgt Ion: 53 Resp: 182616

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 36.4 28.6 43.0



#16

Acetone

Concen: 114.15 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001482.D

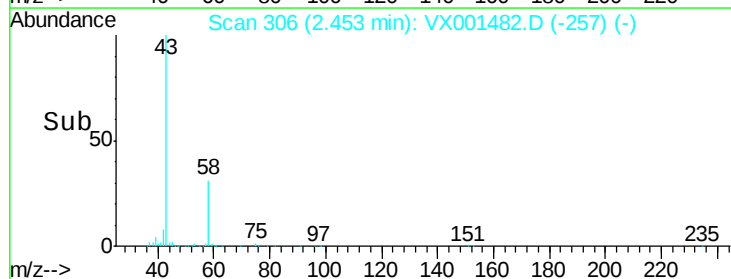
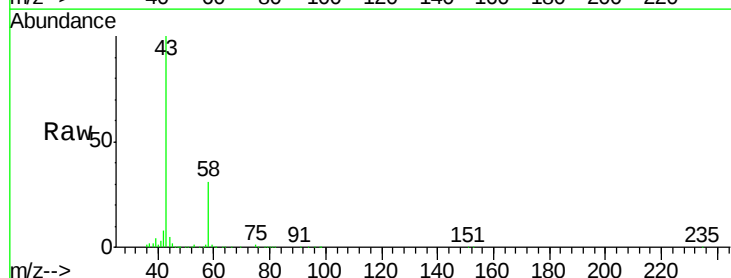
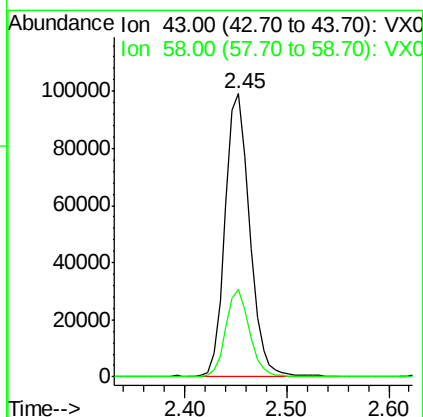
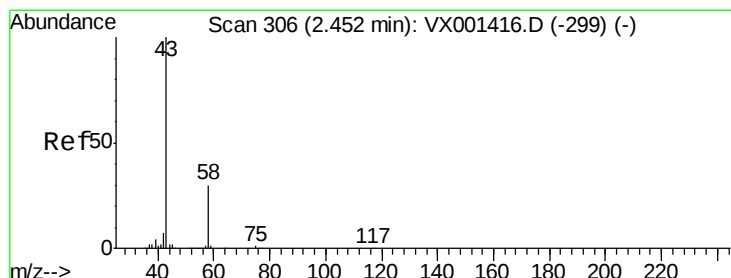
Acq: 07 May 2018 23:20

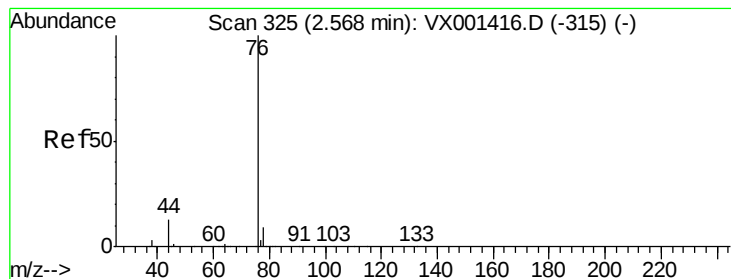
Tgt Ion: 43 Resp: 164454

Ion Ratio Lower Upper

43 100

58 30.8 23.8 35.8





#17

Carbon Disulfide

Concen: 19.64 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

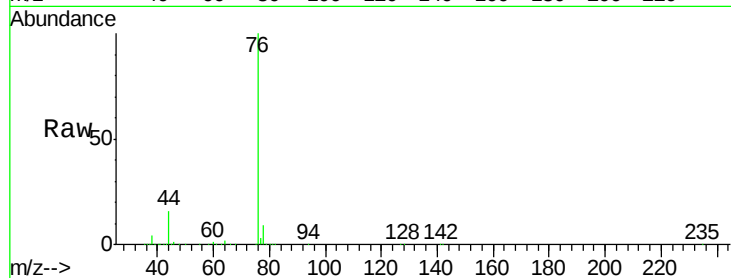
VX0507WBS02

Tgt Ion: 76 Resp: 122089

Ion Ratio Lower Upper

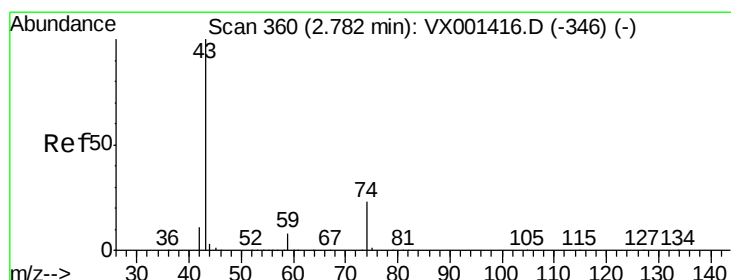
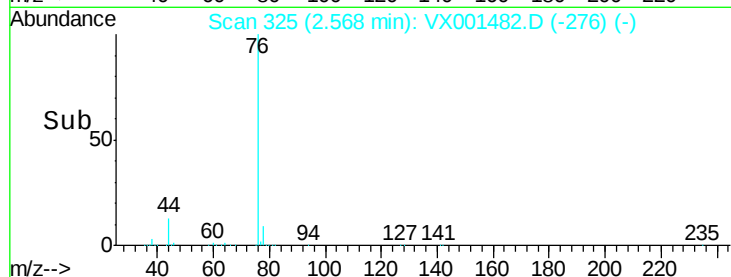
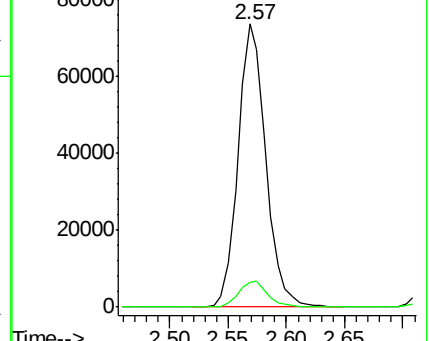
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.12 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001482.D

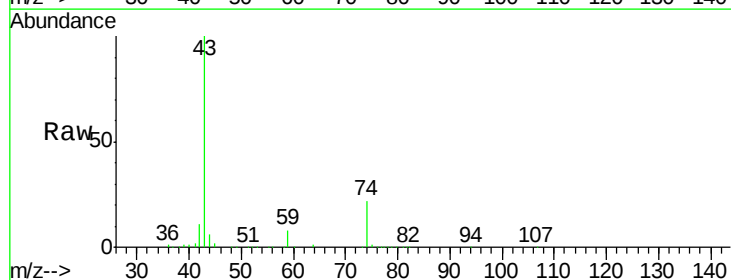
Acq: 07 May 2018 23:20

Tgt Ion: 43 Resp: 95068

Ion Ratio Lower Upper

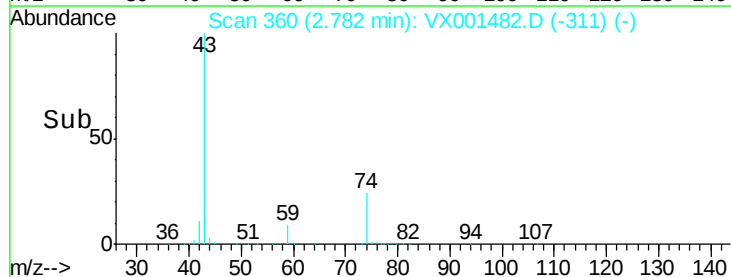
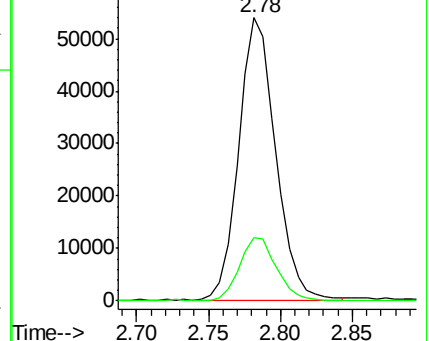
43 100

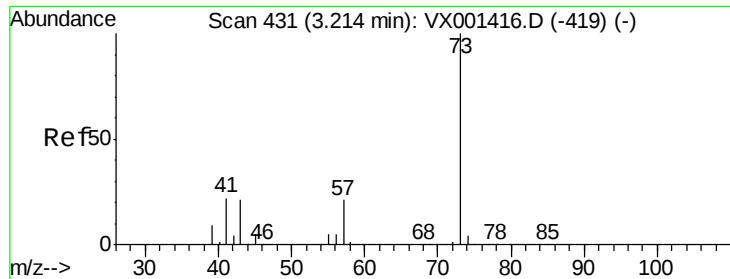
74 22.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

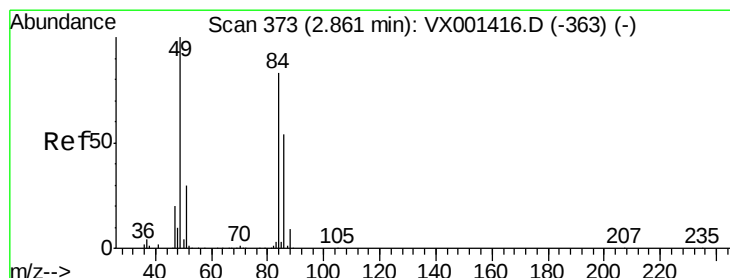
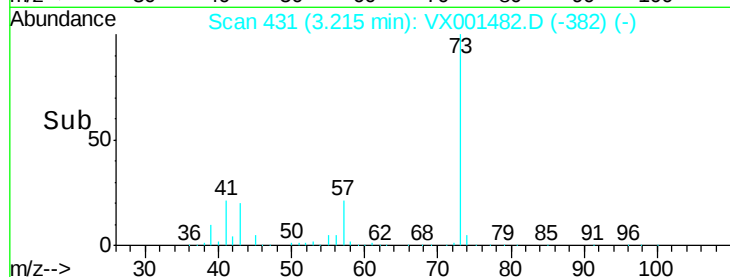
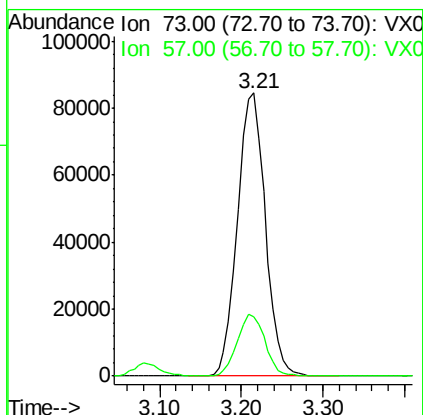
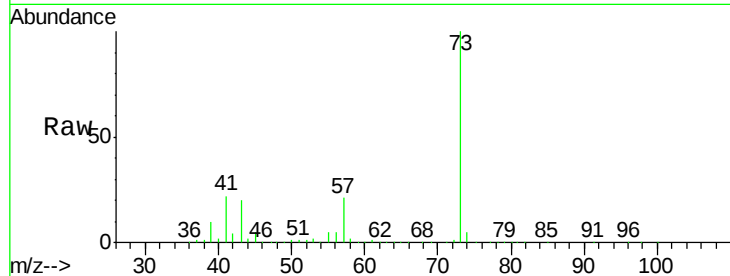




#19
Methyl tert-butyl Ether
Concen: 23.57 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

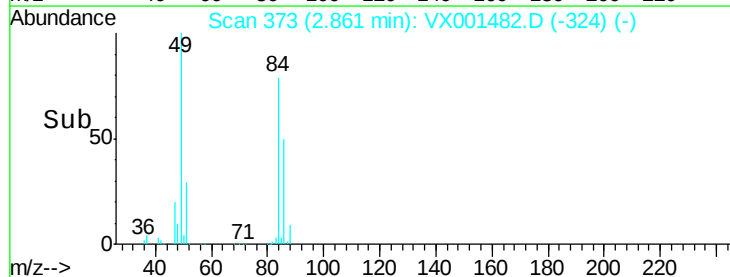
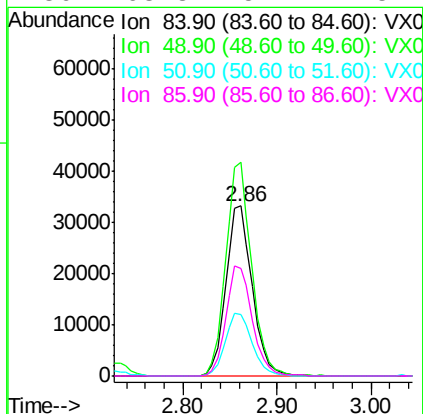
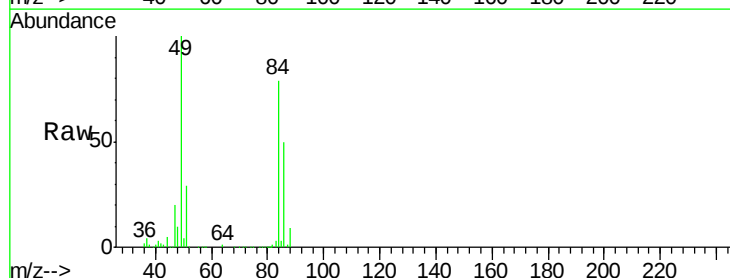
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

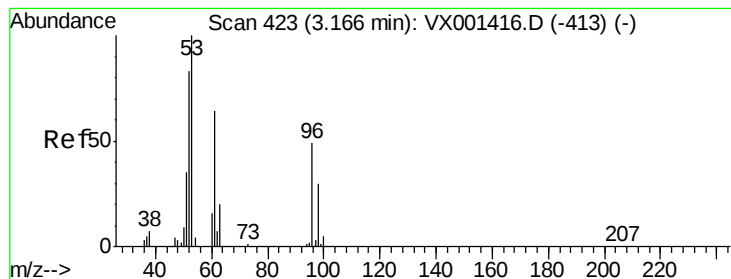
Tgt Ion: 73 Resp: 200494
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 22.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion: 84 Resp: 63731
Ion Ratio Lower Upper
84 100
49 125.9 96.6 144.8
51 36.2 29.0 43.4
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

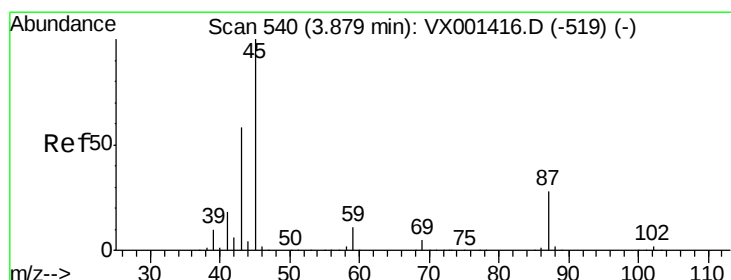
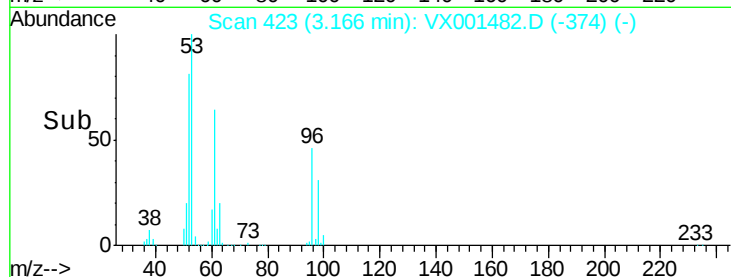
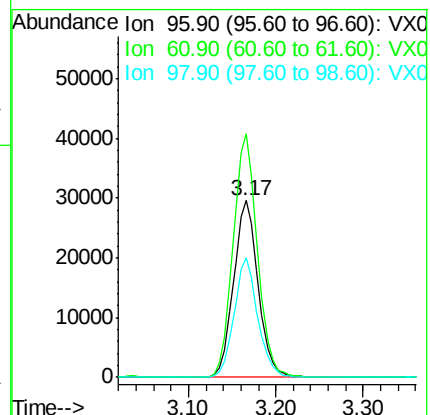
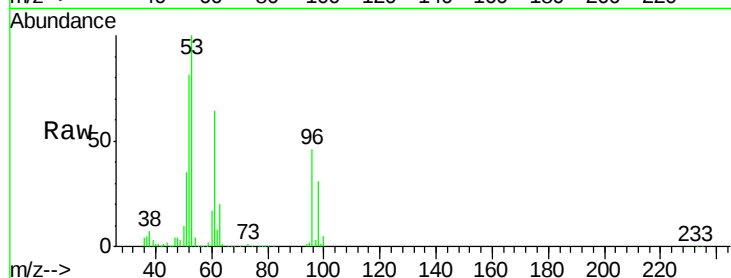
Tgt Ion: 96 Resp: 57631

Ion Ratio Lower Upper

96 100

61 137.7 105.0 157.4

98 67.4 49.9 74.9



#22

Diisopropyl ether

Concen: 22.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion: 45 Resp: 191936

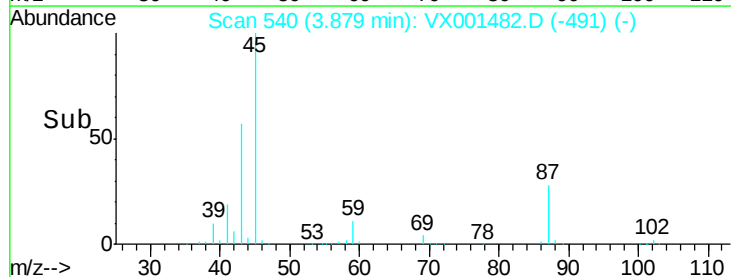
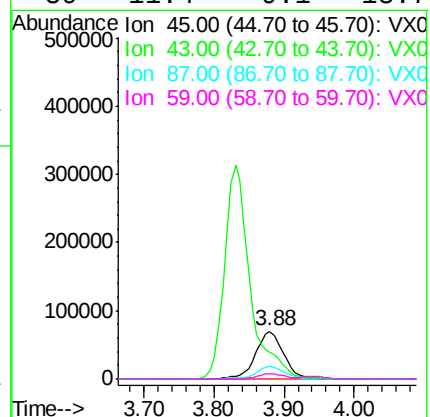
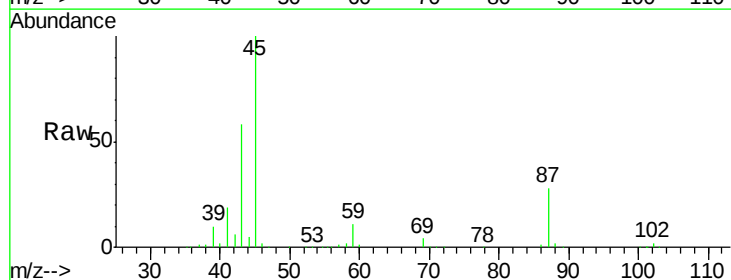
Ion Ratio Lower Upper

45 100

43 57.4 46.5 69.7

87 27.6 22.6 34.0

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 113.08 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

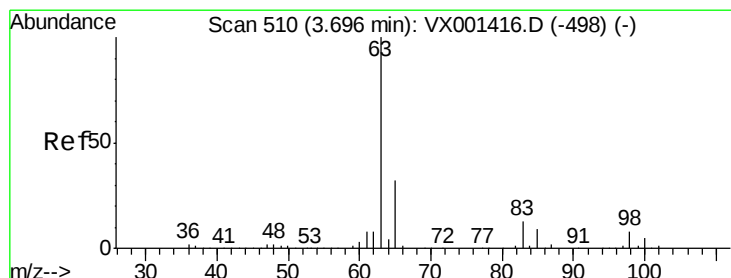
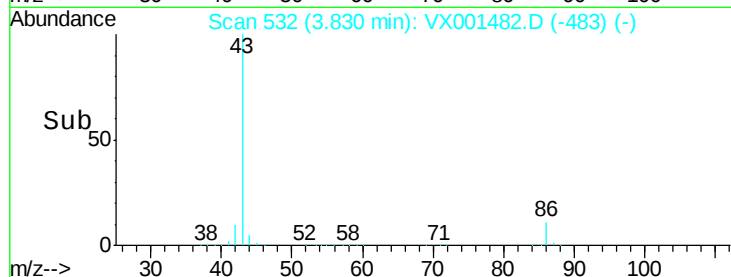
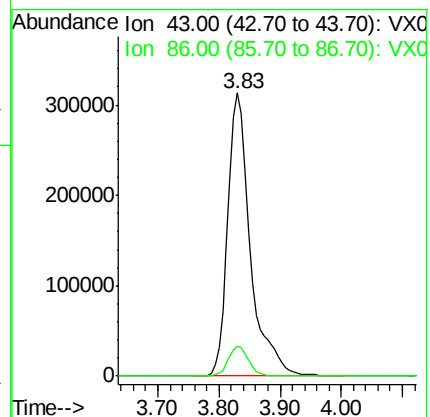
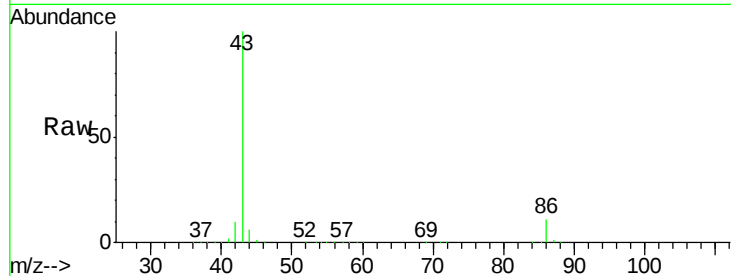
VX0507WBS02

Tgt Ion: 43 Resp: 801912

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.45 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

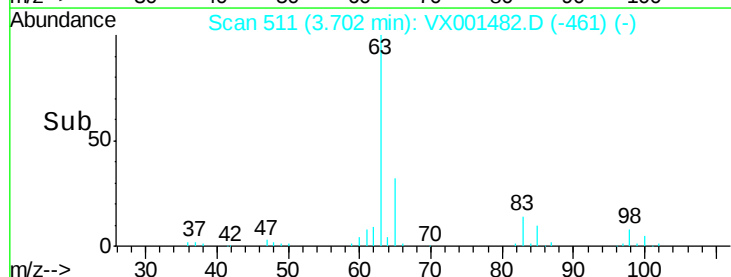
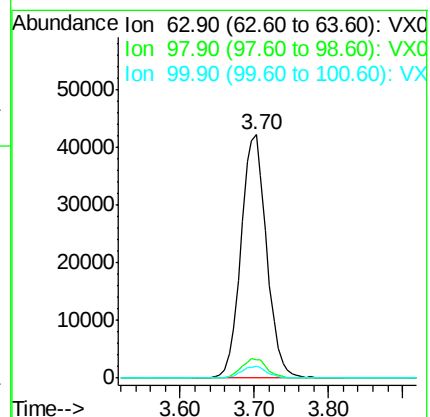
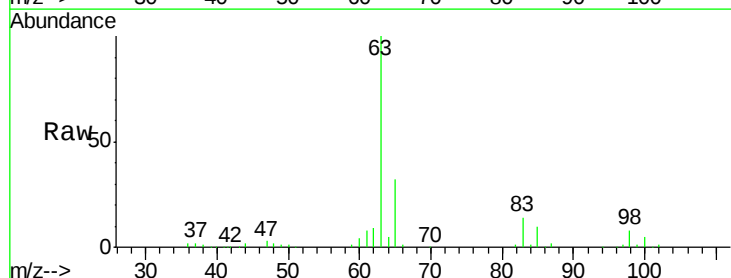
Tgt Ion: 63 Resp: 101952

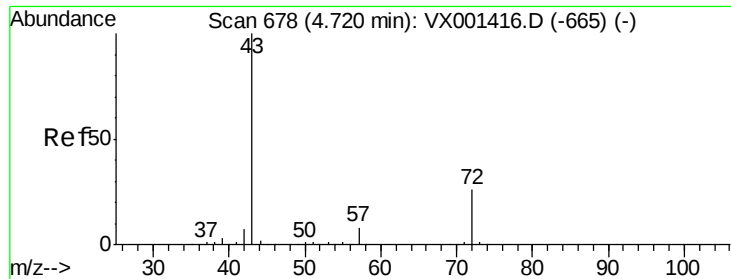
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 117.75 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

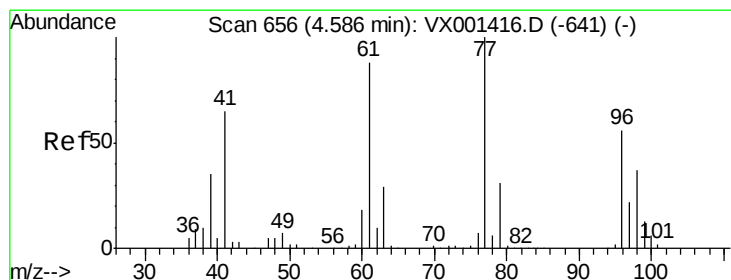
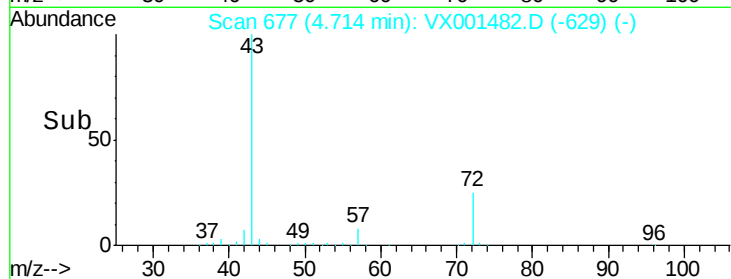
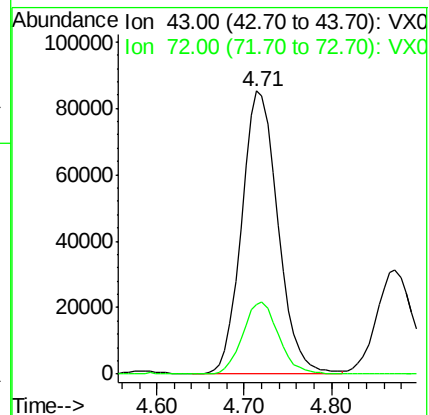
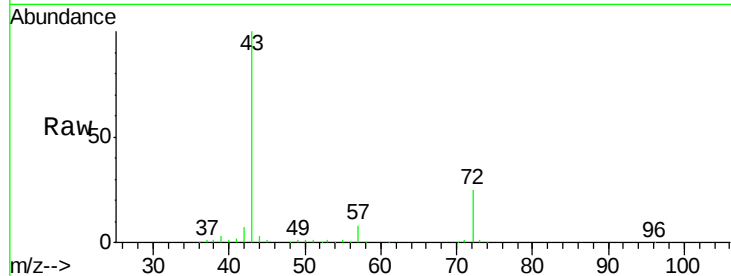
VX0507WBS02

Tgt Ion: 43 Resp: 245236

Ion Ratio Lower Upper

43 100

72 24.8 20.7 31.1



#26

2,2-Dichloropropane

Concen: 16.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001482.D

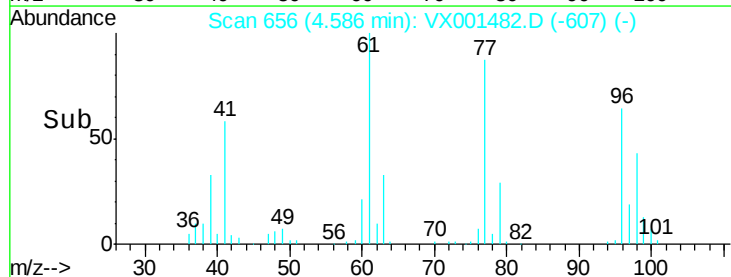
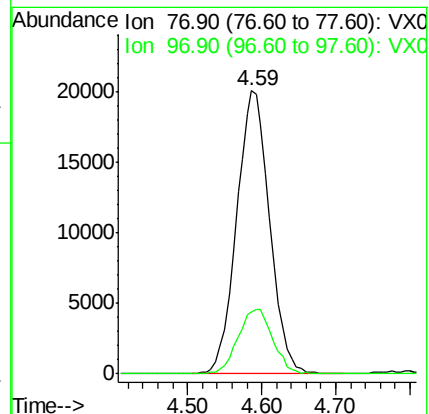
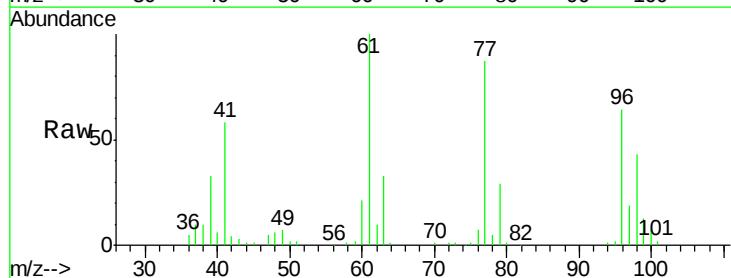
Acq: 07 May 2018 23:20

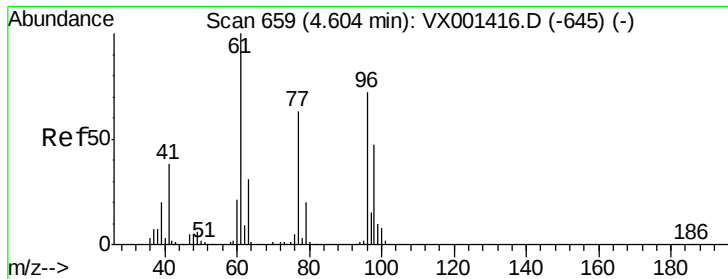
Tgt Ion: 77 Resp: 62338

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 22.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

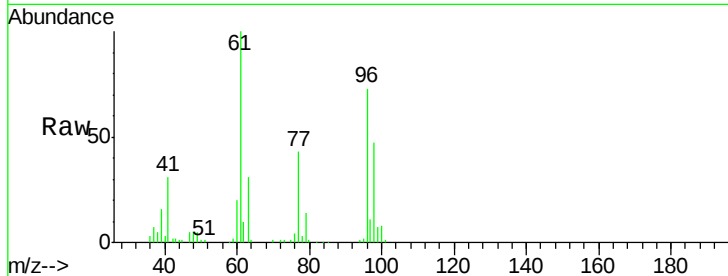
Tgt Ion: 96 Resp: 63996

Ion Ratio Lower Upper

96 100

61 147.6 0.0 301.6

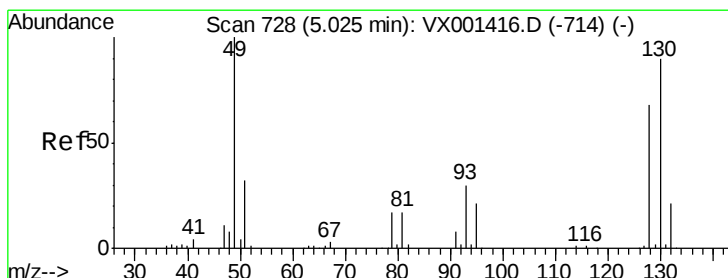
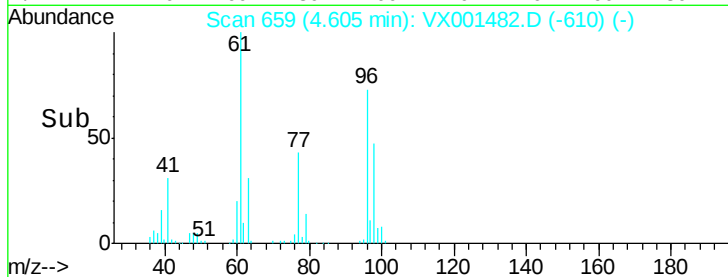
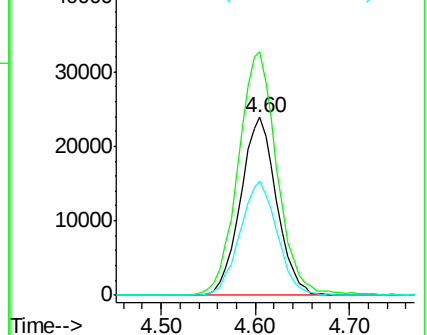
98 65.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 22.26 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

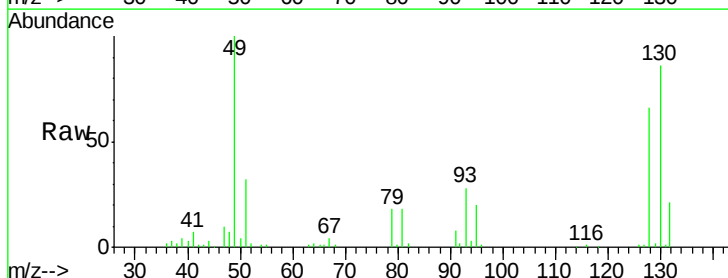
Tgt Ion: 49 Resp: 45871

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

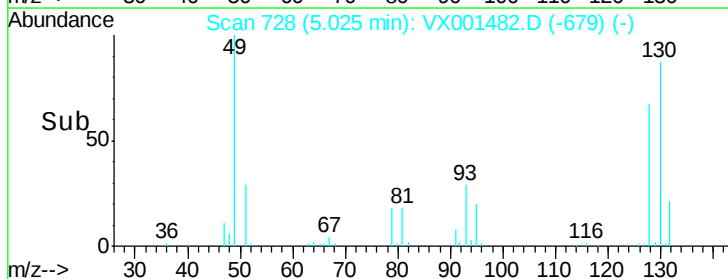
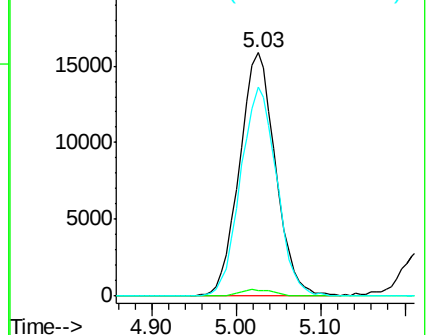
130 86.2 71.9 107.9

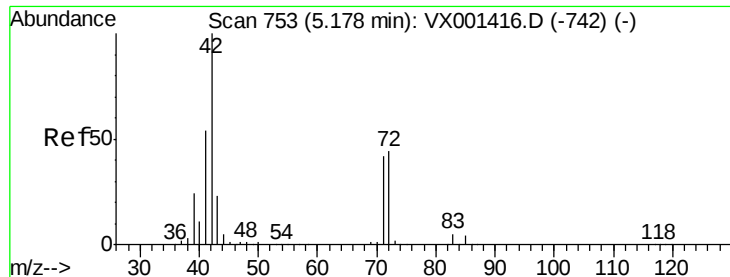


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 118.33 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

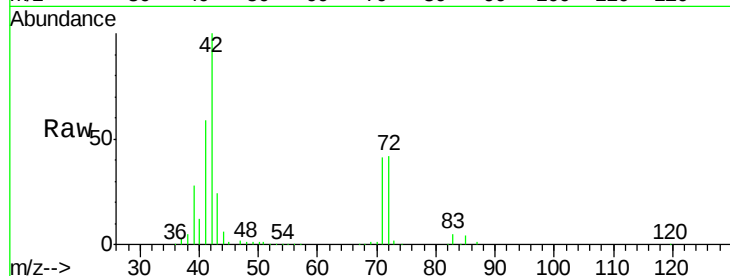
Tgt Ion: 42 Resp: 157675

Ion Ratio Lower Upper

42 100

72 43.8 35.4 53.2

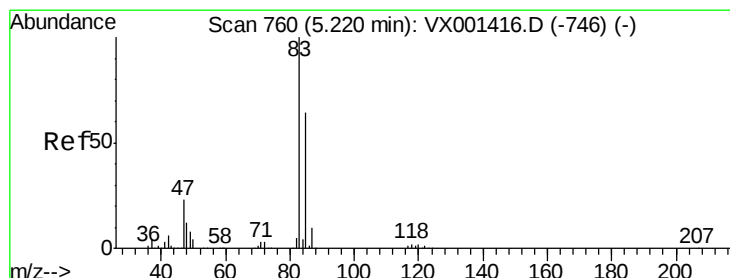
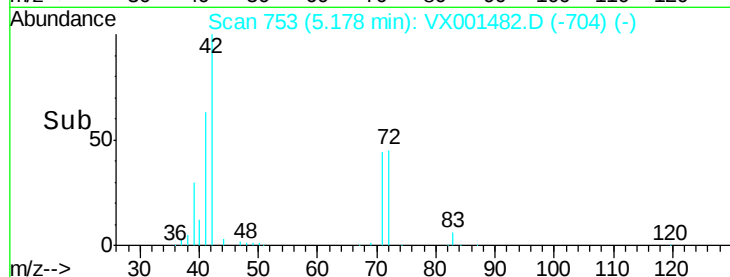
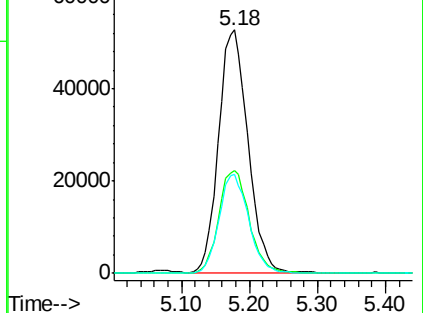
71 41.1 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 23.00 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001482.D

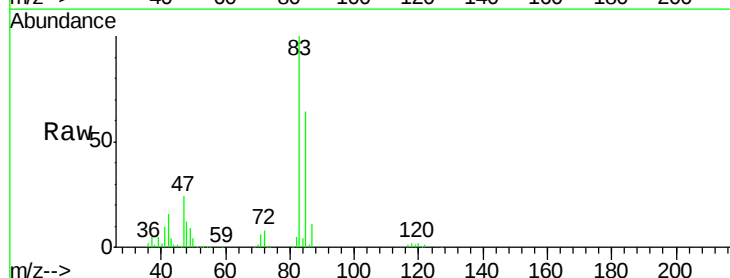
Acq: 07 May 2018 23:20

Tgt Ion: 83 Resp: 112614

Ion Ratio Lower Upper

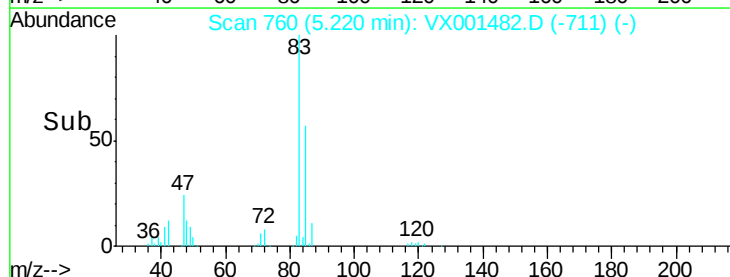
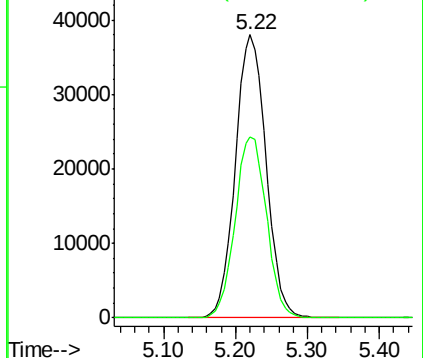
83 100

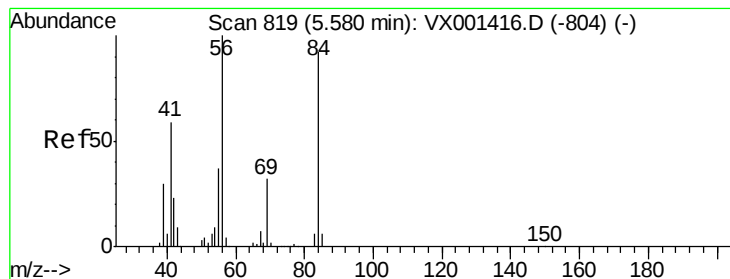
85 63.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.53 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

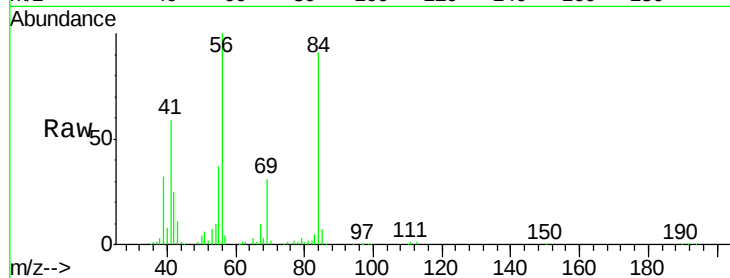
Tgt Ion: 56 Resp: 75636

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

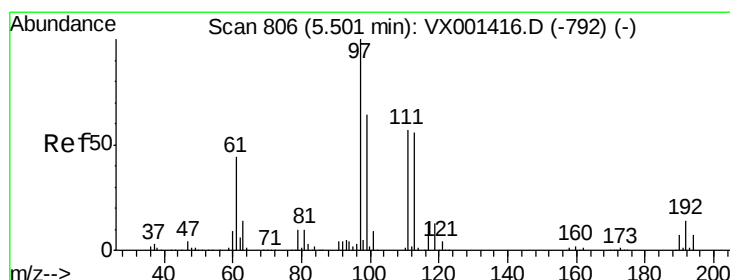
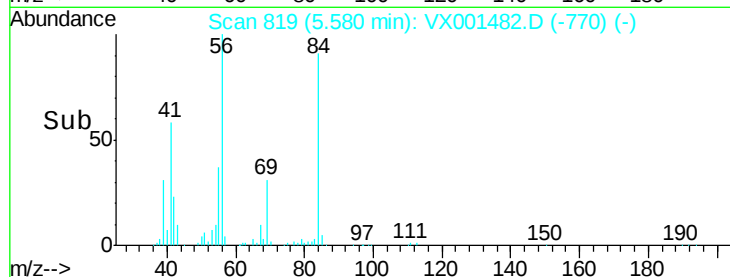
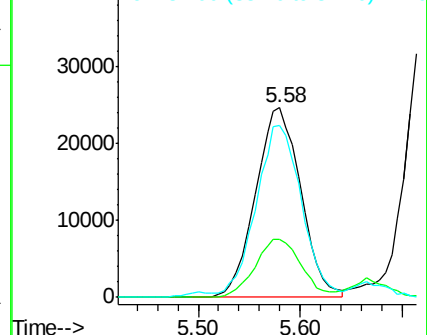
84 88.5 73.8 110.8



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: 21.87 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

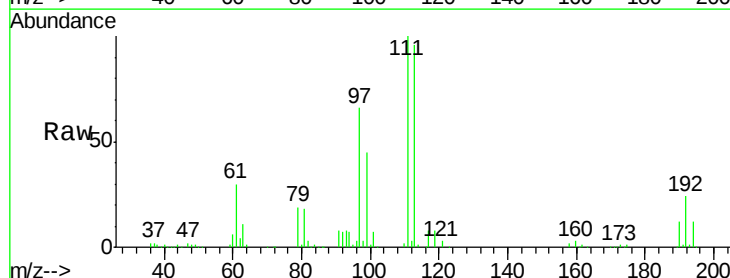
Tgt Ion: 97 Resp: 93572

Ion Ratio Lower Upper

97 100

99 65.6 51.3 76.9

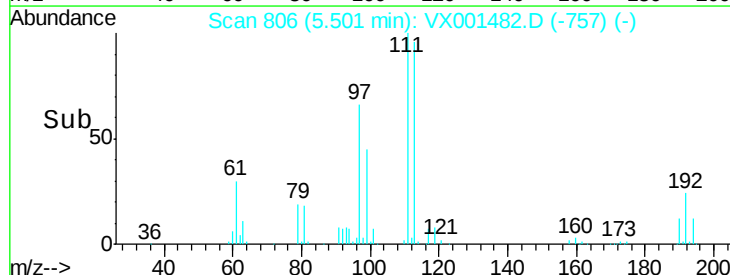
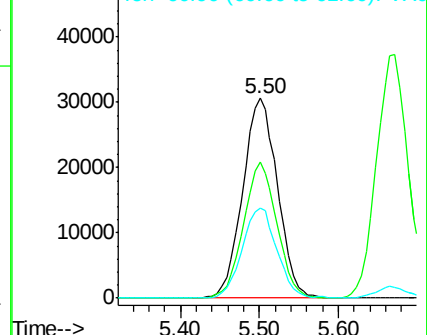
61 45.3 34.8 52.2

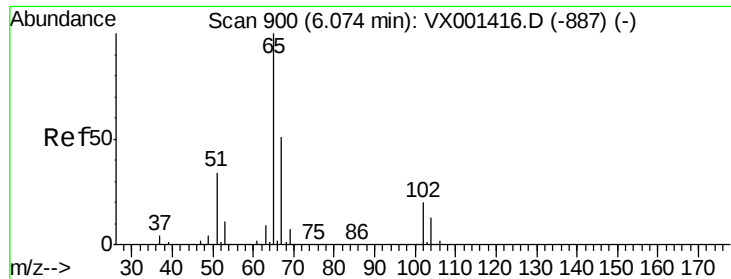


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

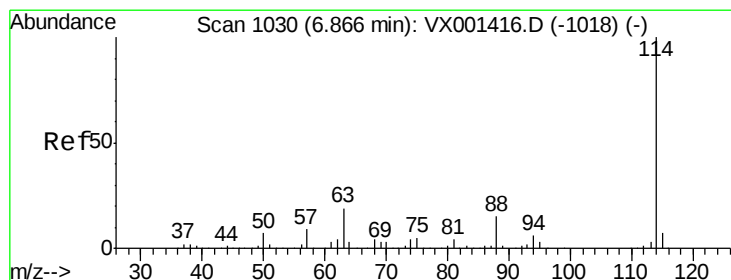
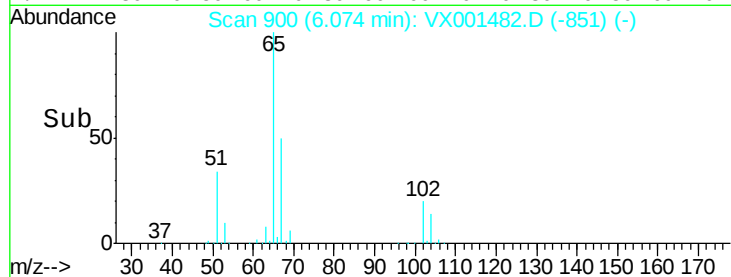
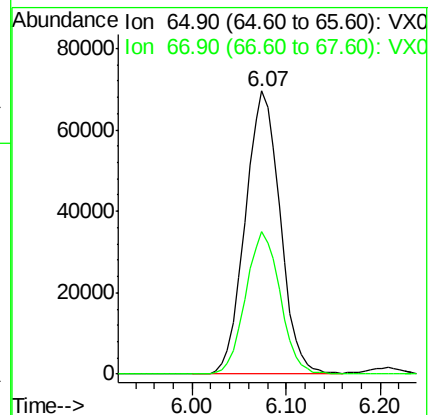
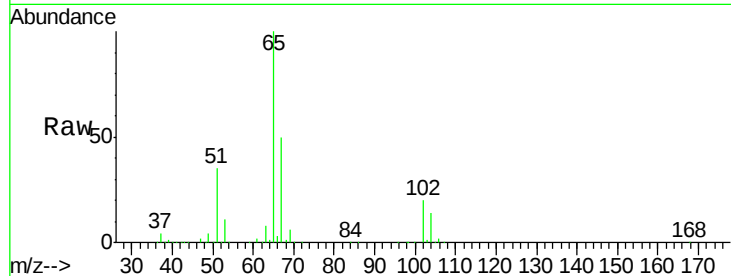
VX0507WBS02

Tgt Ion: 65 Resp: 179422

Ion Ratio Lower Upper

65 100

67 50.0 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: VX001482.D

Acq: 07 May 2018 23:20

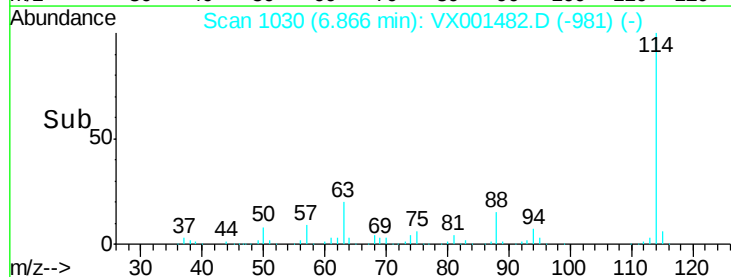
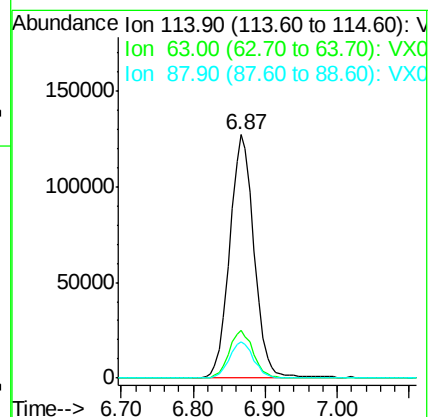
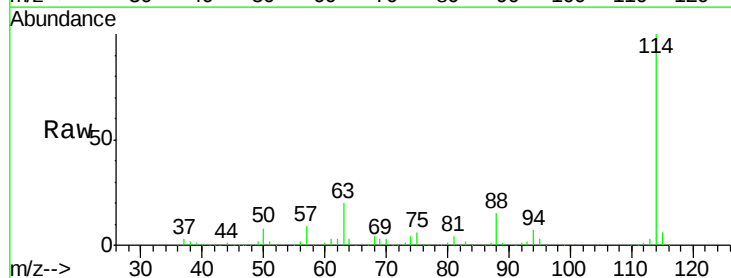
Tgt Ion: 114 Resp: 300400

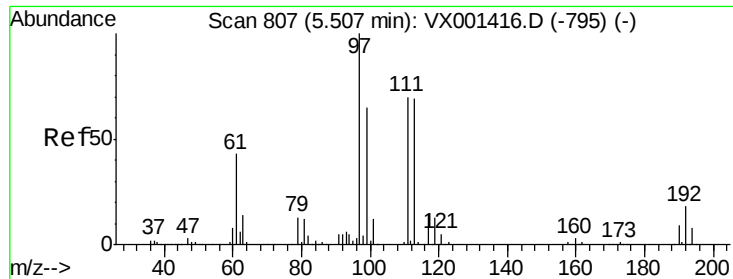
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 14.8 0.0 30.8

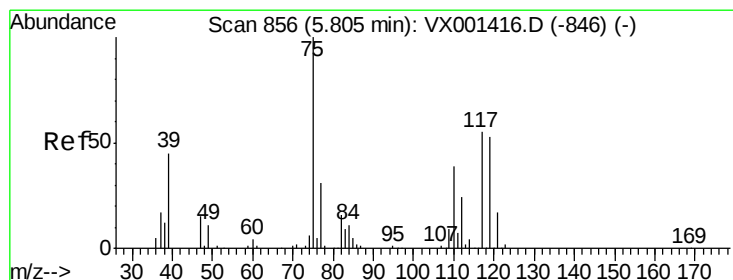
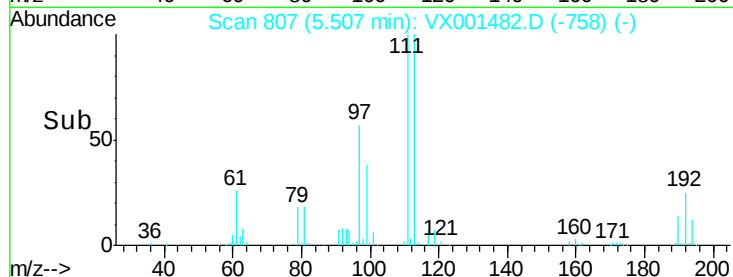
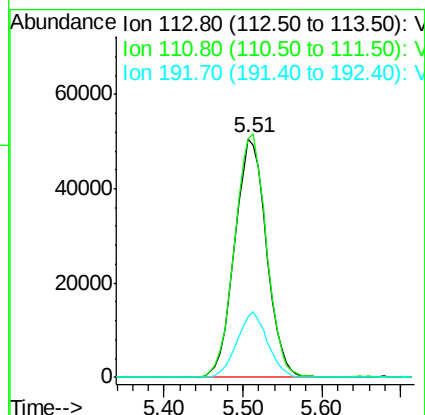
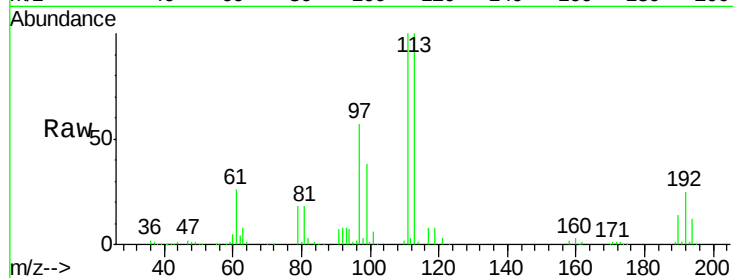




#35
 Dibromofluoromethane
 Concen: 53.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

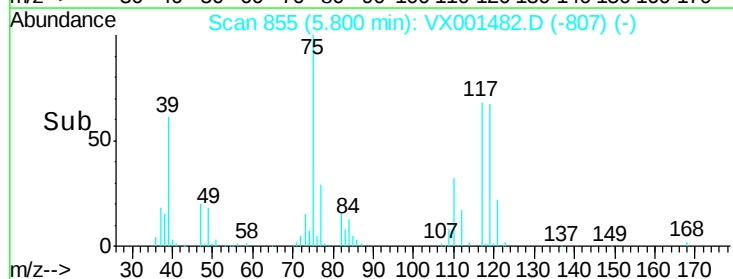
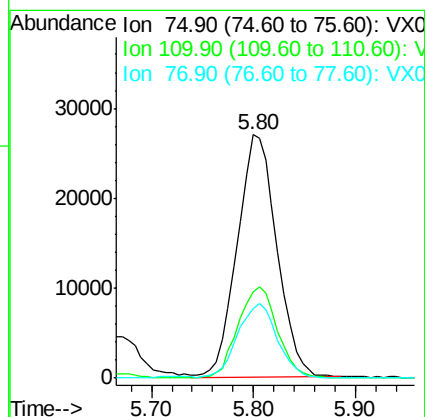
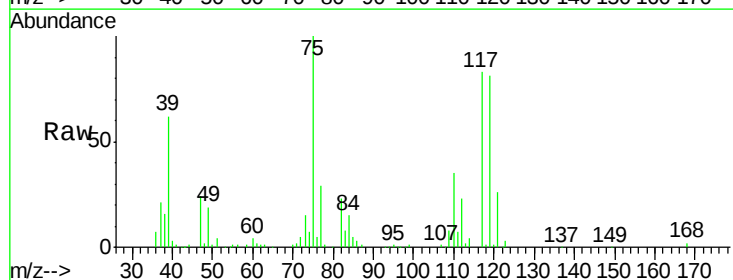
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

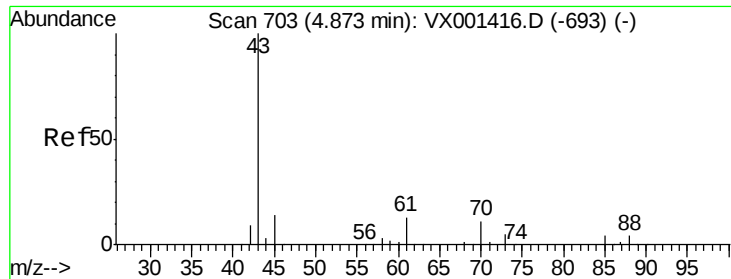
Tgt Ion:113 Resp: 142026
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 18.99 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 75 Resp: 72572
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.9 56.7
 77 31.0 24.9 37.3

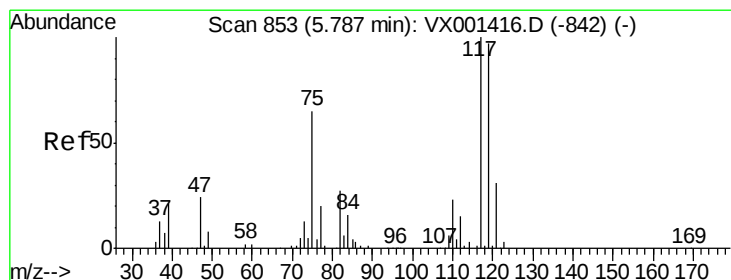
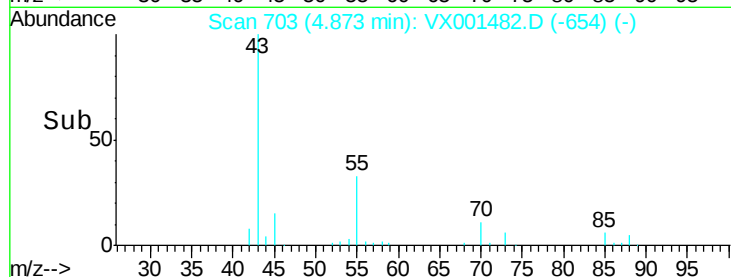
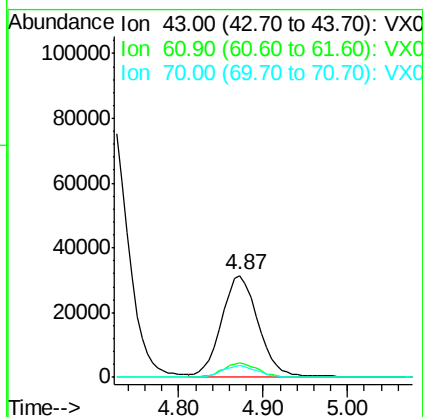
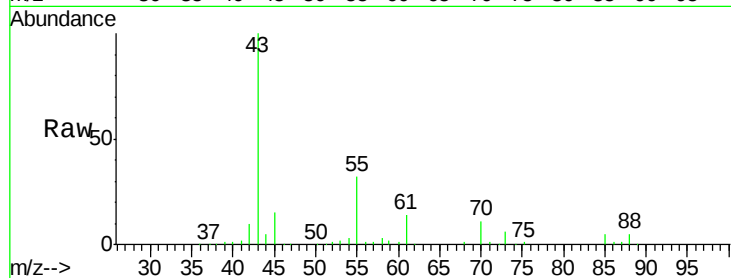




#37
Ethyl Acetate
Concen: 22.05 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

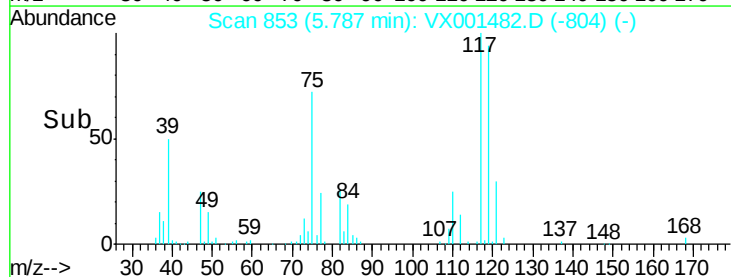
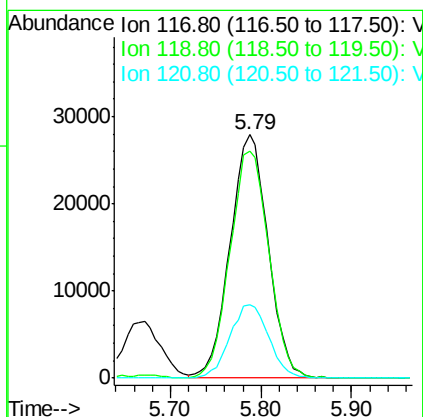
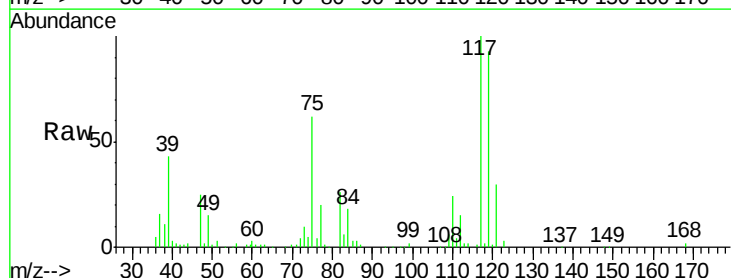
Instrument :
MSVOA_X
ClientSampled :
VX0507WBS02

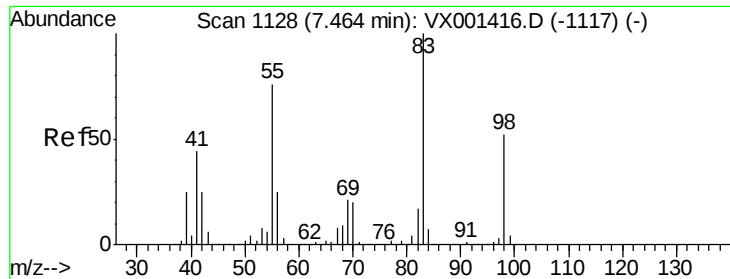
Tgt Ion: 43 Resp: 92363
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 11.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion: 117 Resp: 81164
Ion Ratio Lower Upper
117 100
119 93.0 77.0 115.6
121 30.1 25.1 37.7

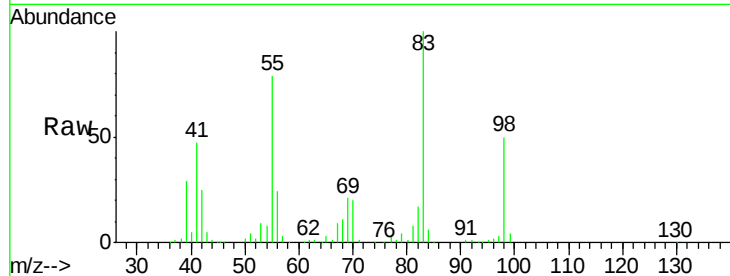




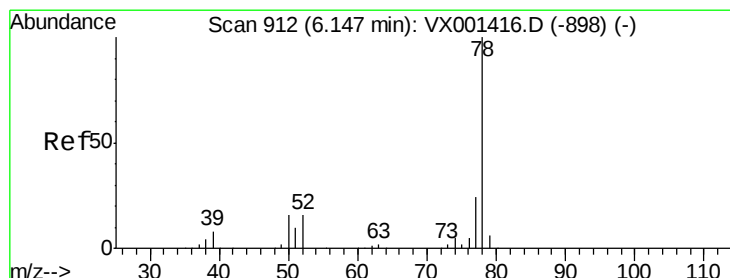
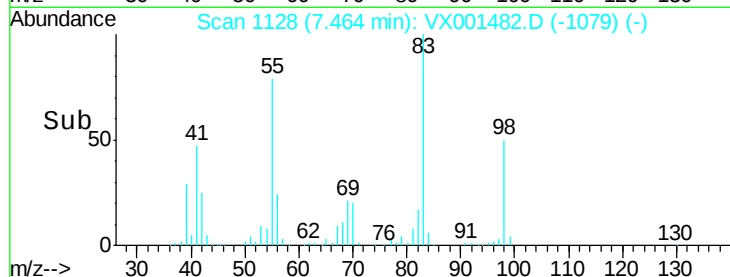
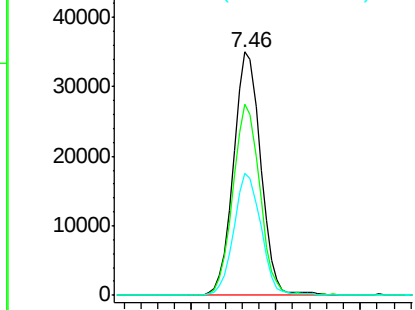
#39
Methylcyclohexane
Concen: 16.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tgt Ion: 83 Resp: 76504
Ion Ratio Lower Upper
83 100
55 78.6 60.9 91.3
98 50.3 41.9 62.9

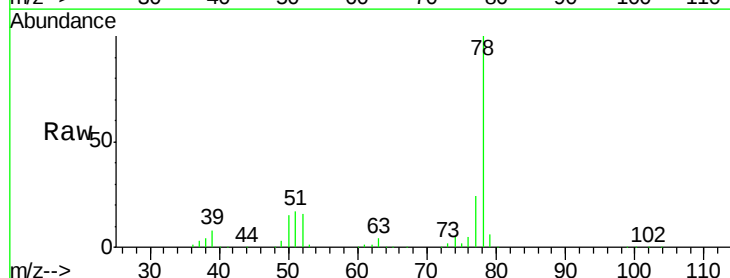


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

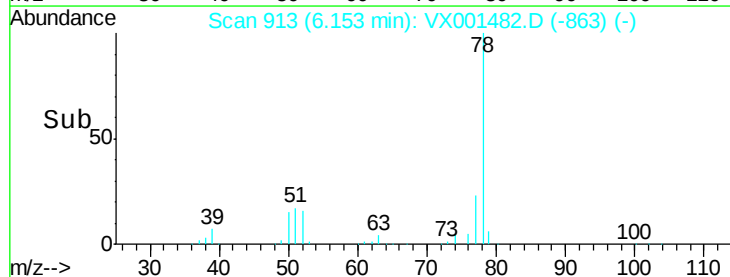
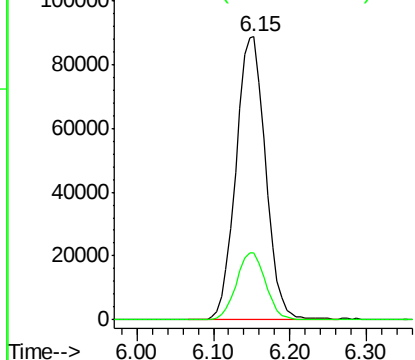


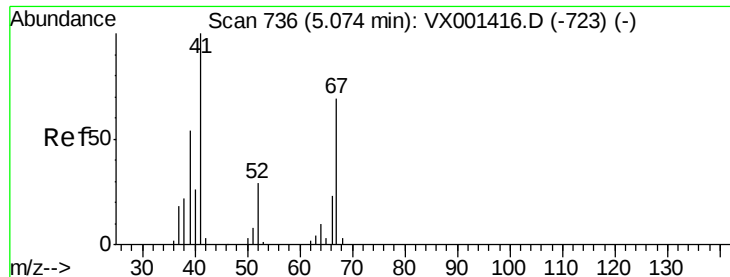
#40
Benzene
Concen: 21.36 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion: 78 Resp: 238430
Ion Ratio Lower Upper
78 100
77 23.7 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: 22.06 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tgt Ion: 41 Resp: 52862

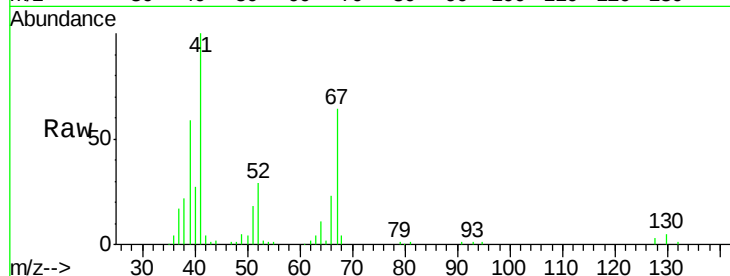
Ion Ratio Lower Upper

41 100

39 56.6 45.0 67.6

67 66.3 55.0 82.6

52 28.9 23.4 35.0

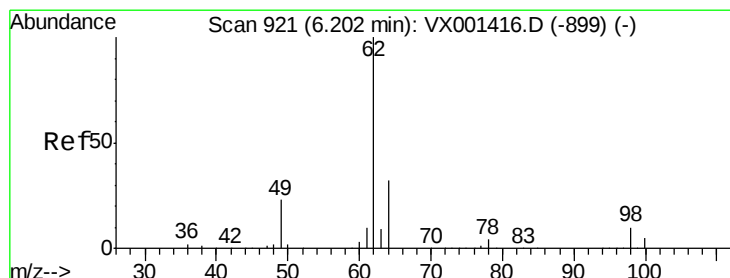
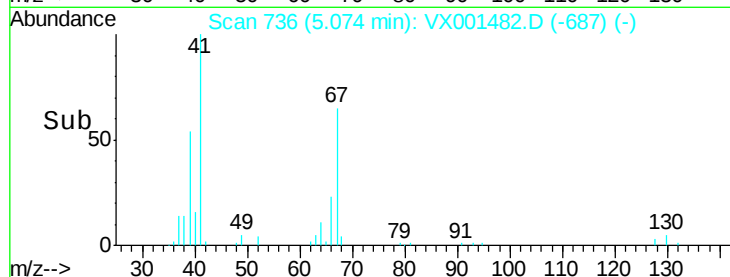
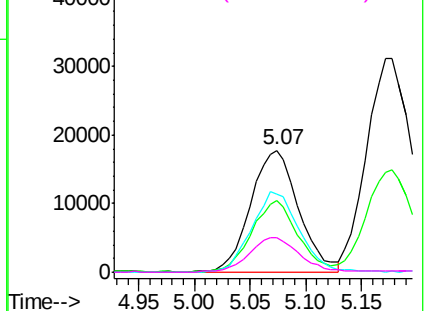


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.65 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001482.D

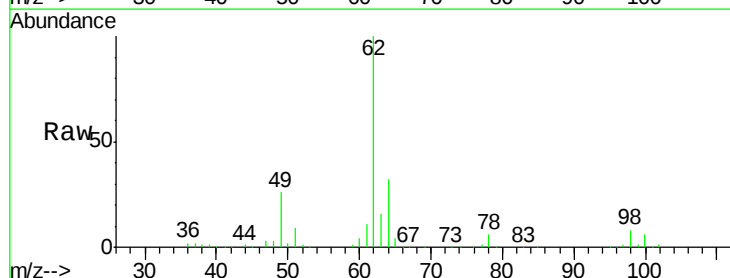
Acq: 07 May 2018 23:20

Tgt Ion: 62 Resp: 97179

Ion Ratio Lower Upper

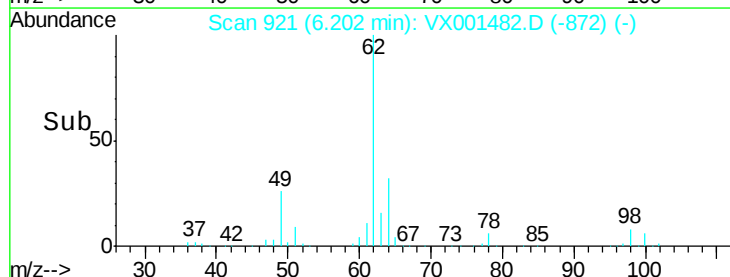
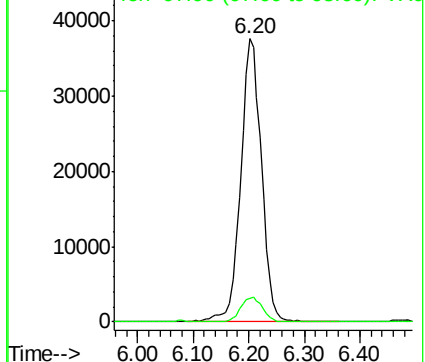
62 100

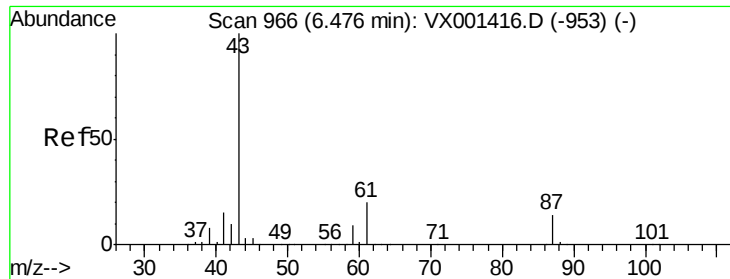
98 9.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



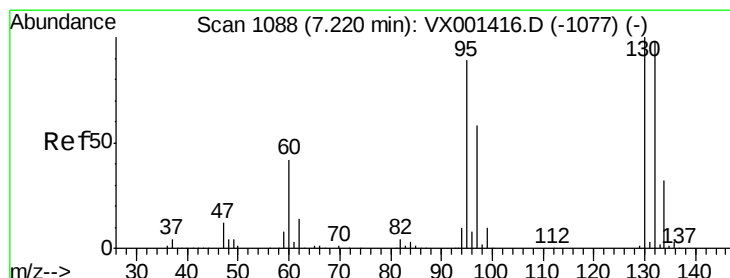
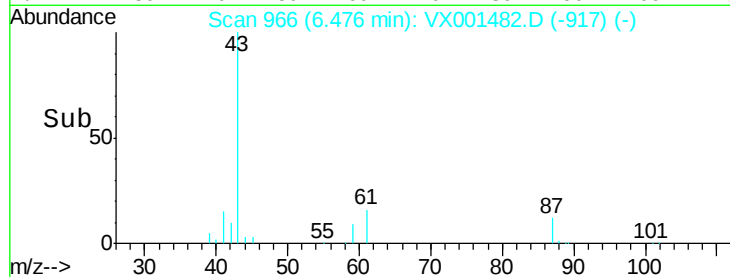
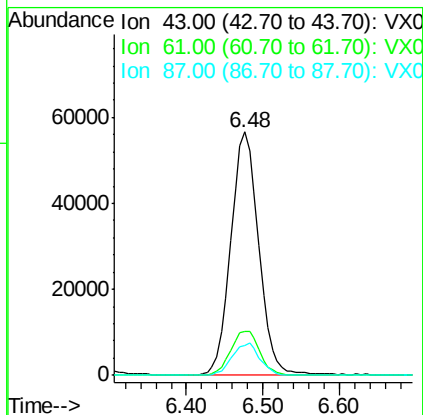
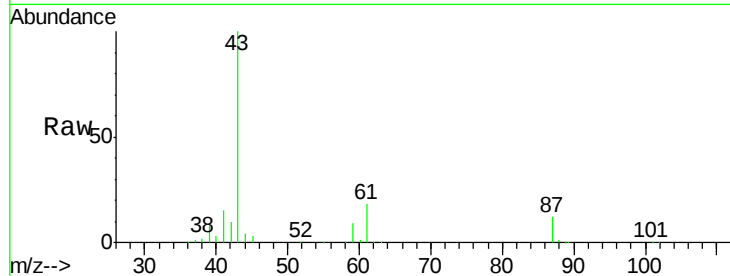


#43

Isopropyl Acetate
 Concen: 22.17 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

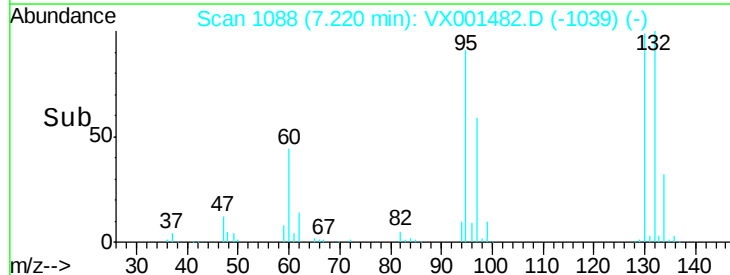
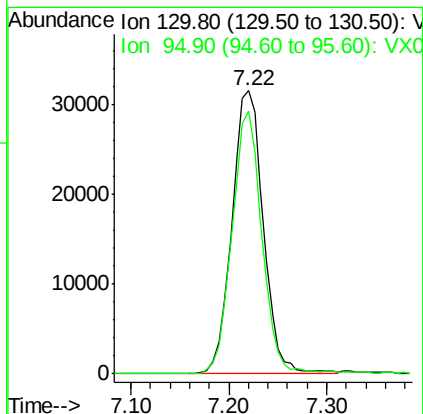
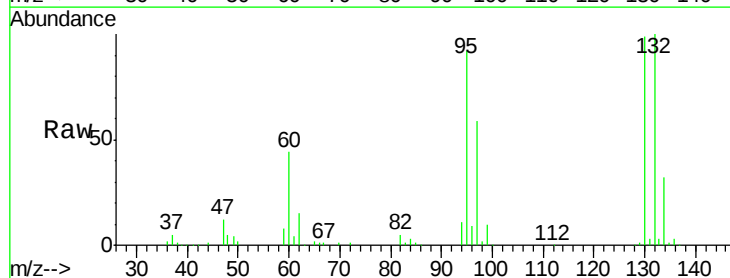
Tgt Ion: 43 Resp: 142568
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.4 23.0
 87 13.2 10.8 16.2

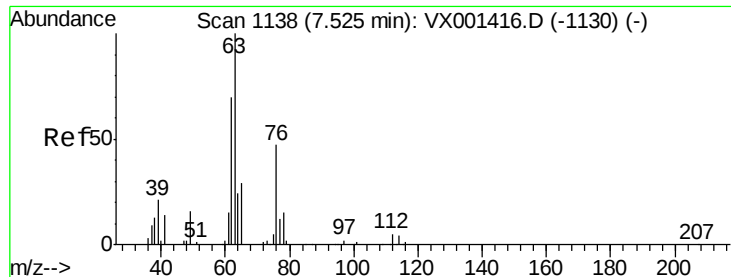


#44

Trichloroethene
 Concen: 20.55 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 130 Resp: 70114
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 178.4





#45

1,2-Dichloropropane

Concen: 22.02 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

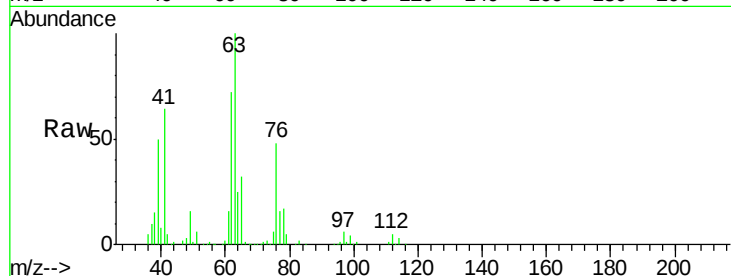
VX0507WBS02

Tgt Ion: 63 Resp: 61257

Ion Ratio Lower Upper

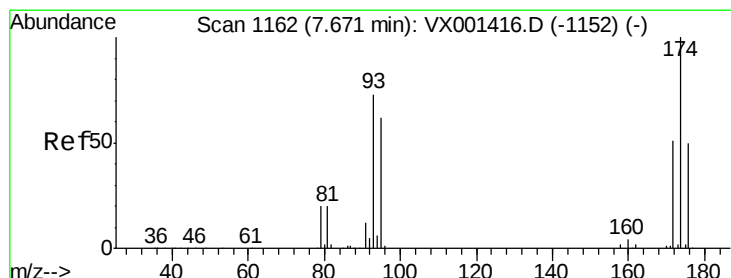
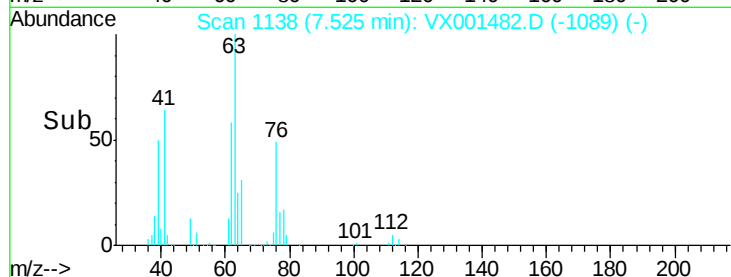
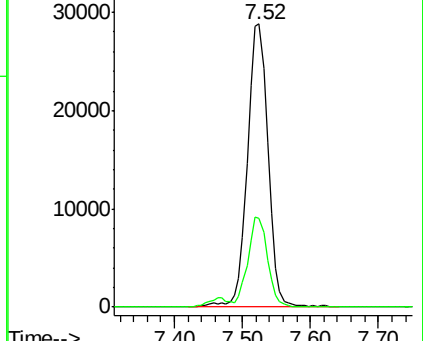
63 100

65 31.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.61 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

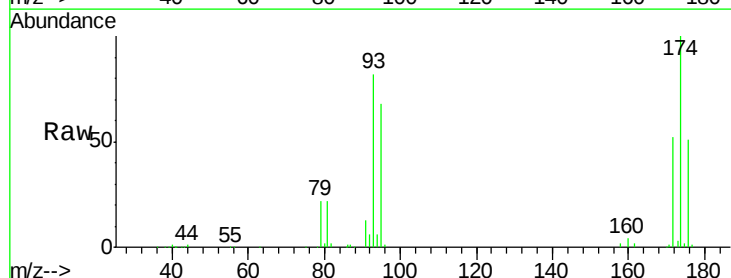
Tgt Ion: 93 Resp: 42573

Ion Ratio Lower Upper

93 100

95 85.4 67.0 100.4

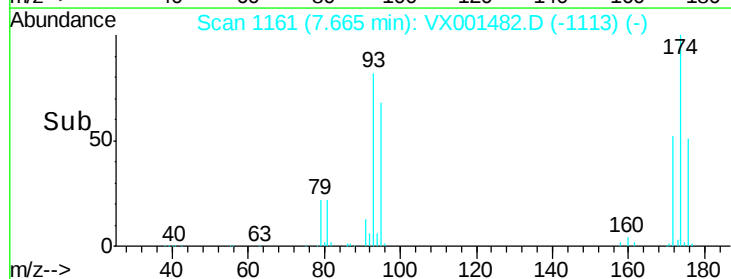
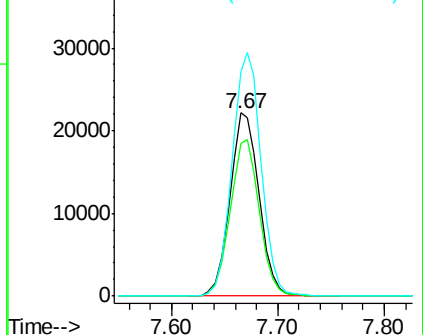
174 132.4 104.5 156.7

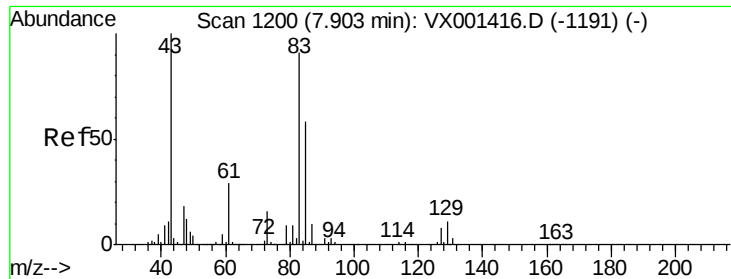


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

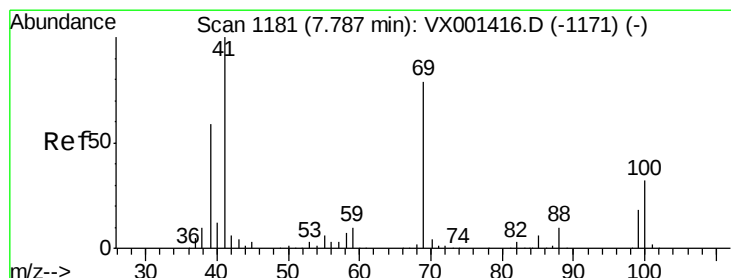
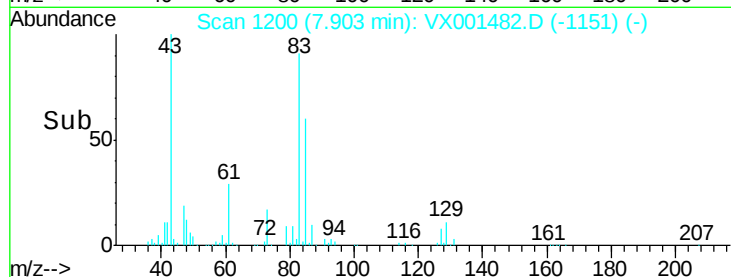
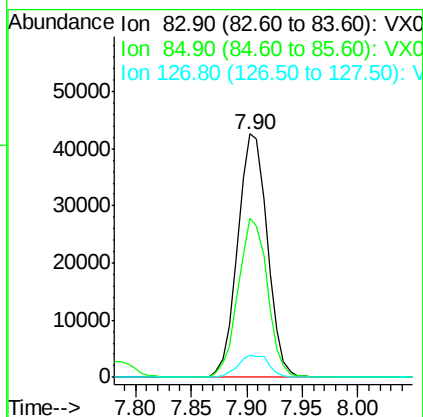
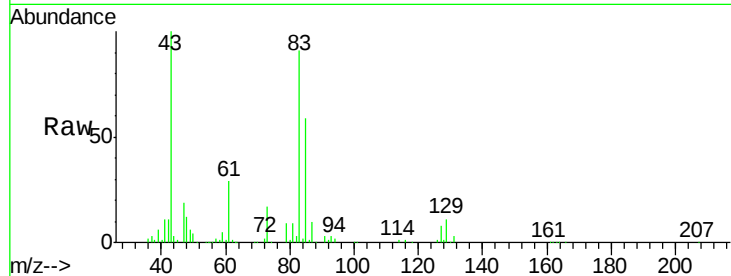




#47
 Bromodichloromethane
 Concen: 21.63 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

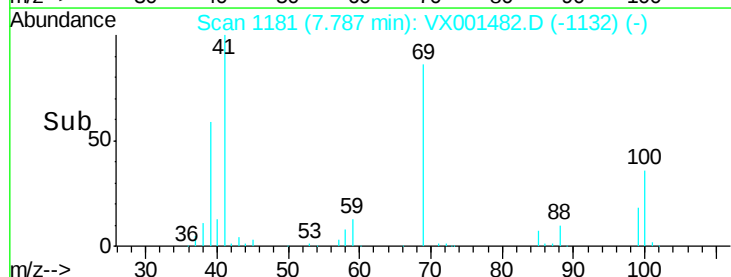
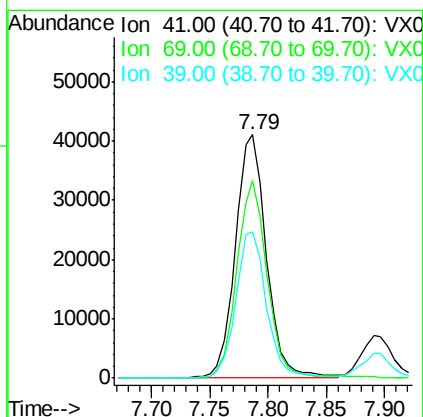
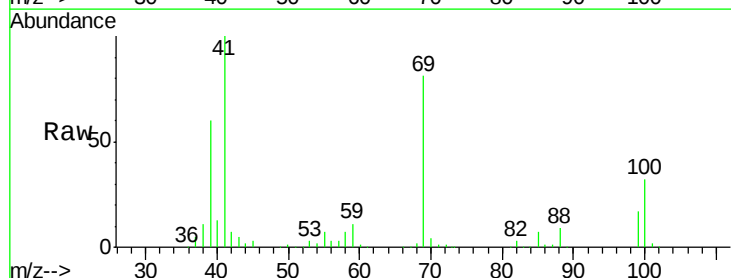
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

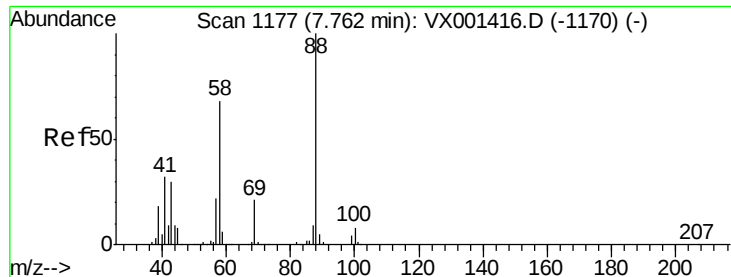
Tgt Ion: 83 Resp: 78842
 Ion Ratio Lower Upper
 83 100
 85 65.4 51.0 76.6
 127 9.3 7.4 11.2



#48
 Methyl methacrylate
 Concen: 21.68 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 41 Resp: 75894
 Ion Ratio Lower Upper
 41 100
 69 79.0 63.4 95.2
 39 58.9 47.0 70.4

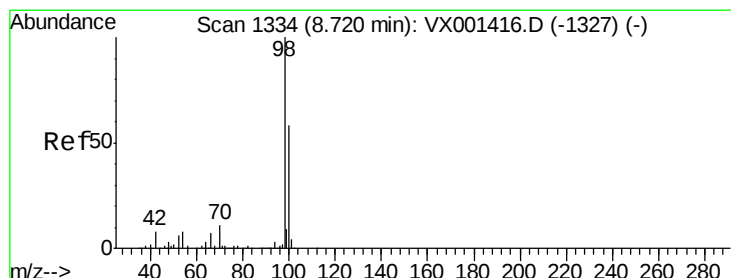
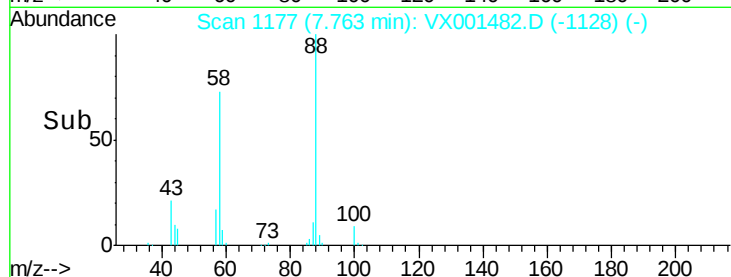
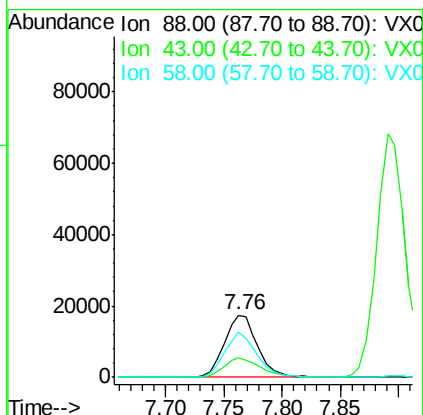
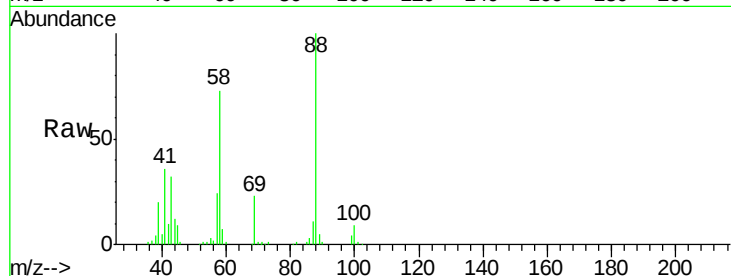




#49
 1,4-Dioxane
 Concen: 449.04 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

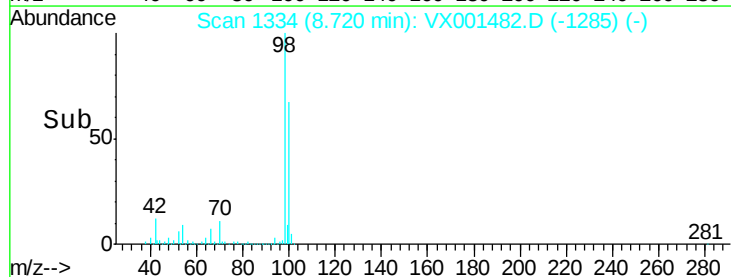
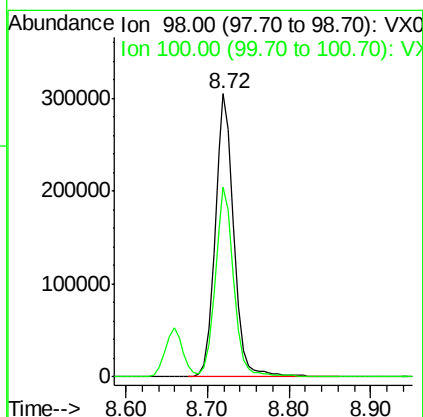
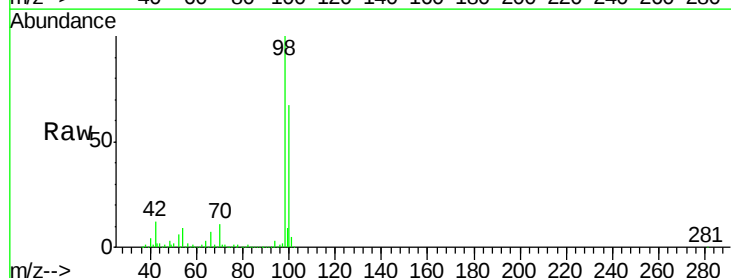
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tgt Ion: 88 Resp: 33968
 Ion Ratio Lower Upper
 88 100
 43 34.4 26.4 39.6
 58 71.4 54.1 81.1



#50
 Toluene-d8
 Concen: 49.96 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 98 Resp: 487262
 Ion Ratio Lower Upper
 98 100
 100 67.1 54.0 81.0

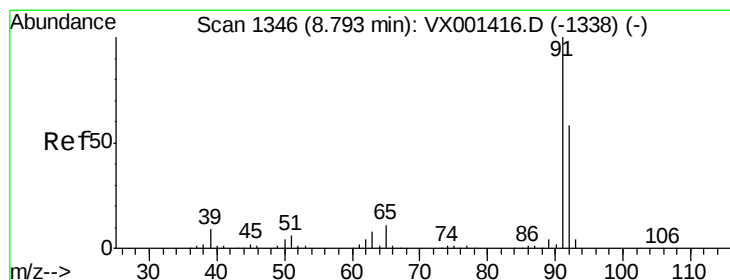
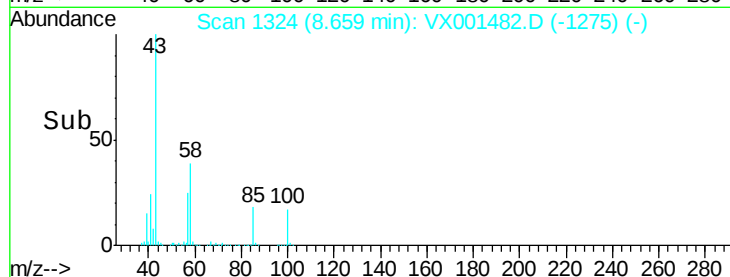
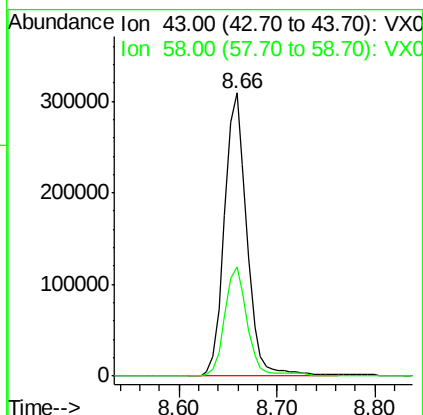
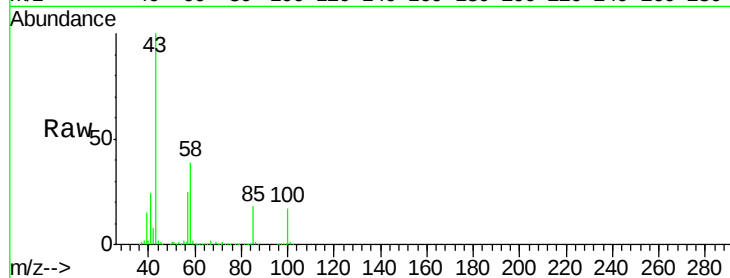




#51
 4-Methyl-2-Pentanone
 Concen: 115.72 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

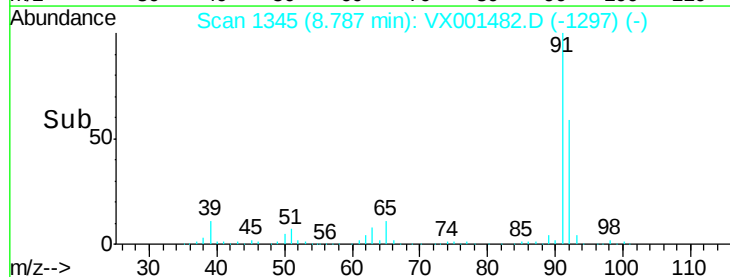
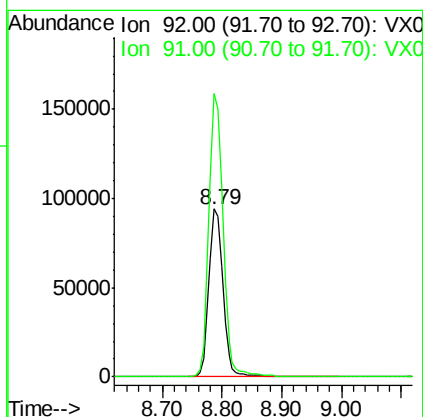
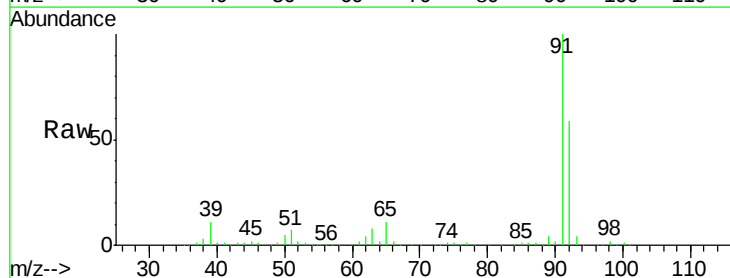
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

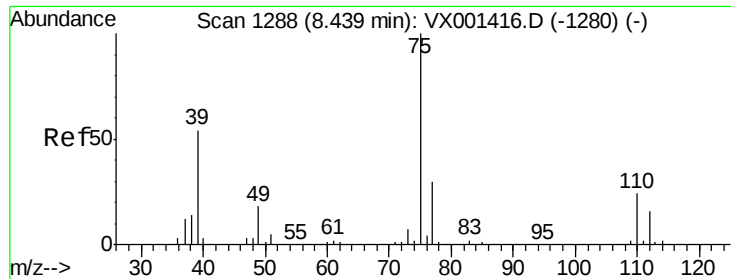
Tgt Ion: 43 Resp: 494455
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.8 46.2



#52
 Toluene
 Concen: 20.98 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 92 Resp: 153085
 Ion Ratio Lower Upper
 92 100
 91 169.4 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.23 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

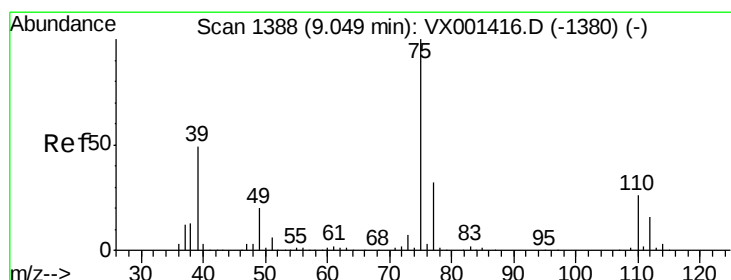
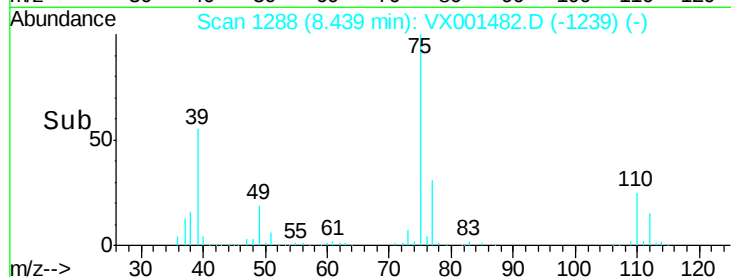
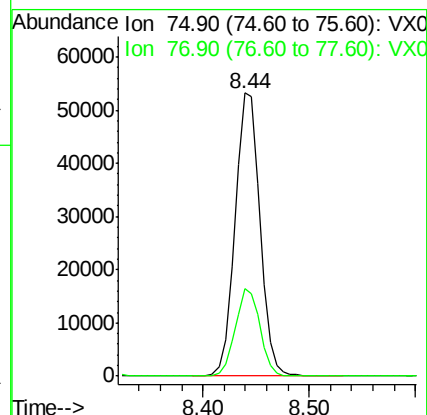
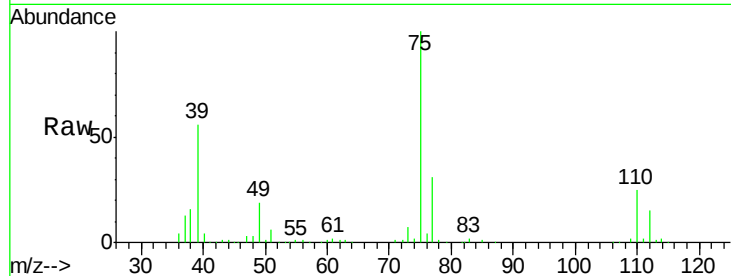
VX0507WBS02

Tgt Ion: 75 Resp: 87477

Ion Ratio Lower Upper

75 100

77 30.7 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

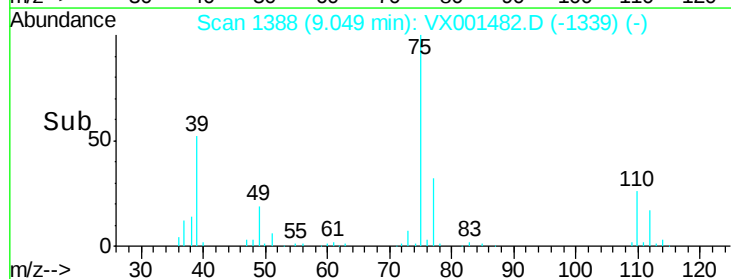
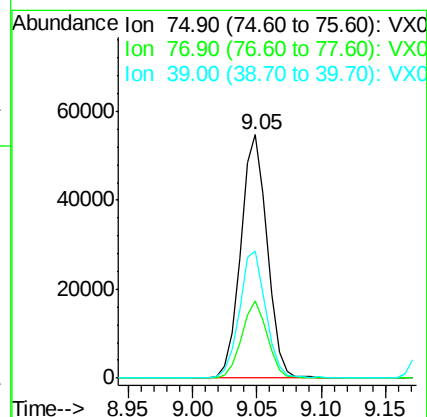
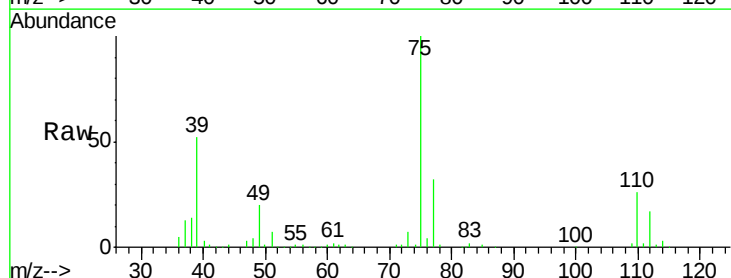
Tgt Ion: 75 Resp: 77762

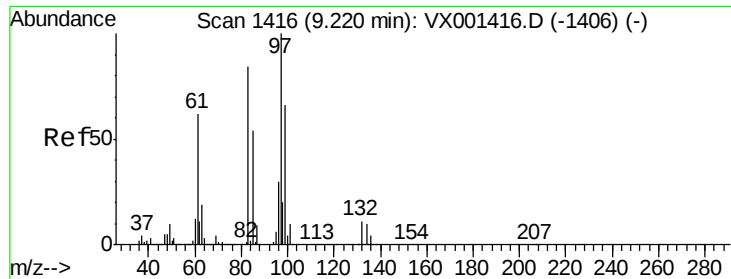
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 52.0 38.9 58.3

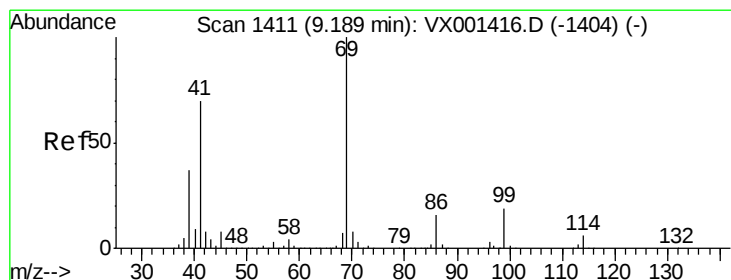
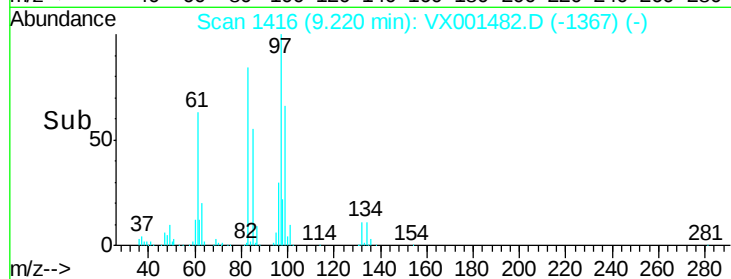
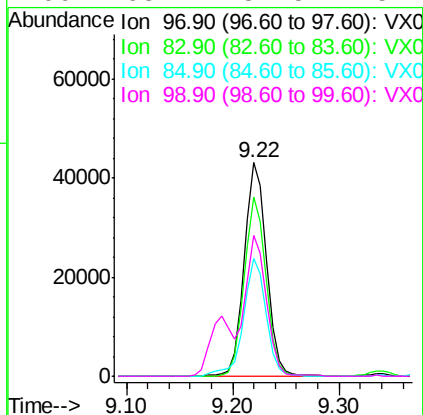
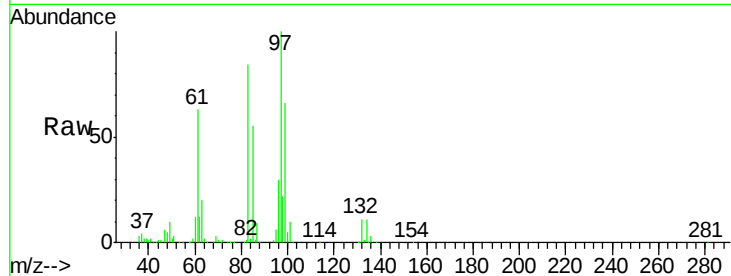




#55
 1,1,2-Trichloroethane
 Concen: 21.66 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

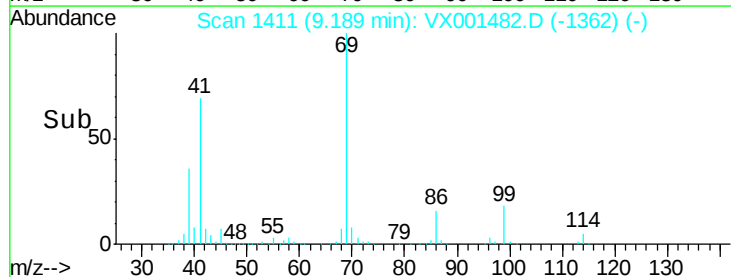
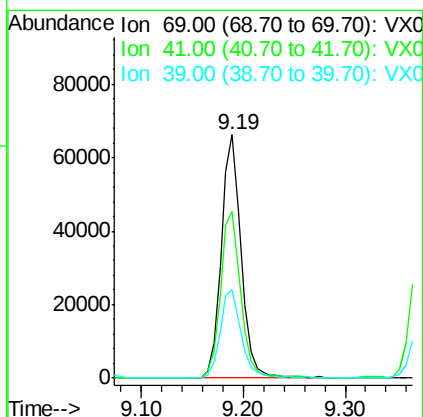
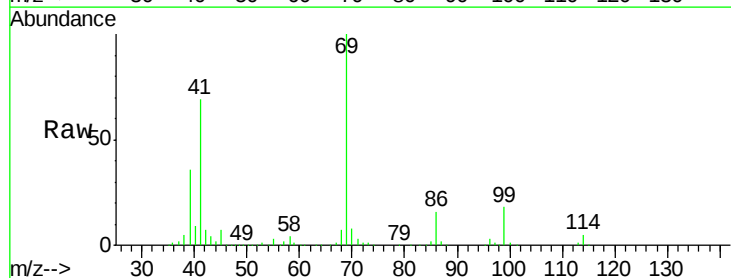
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

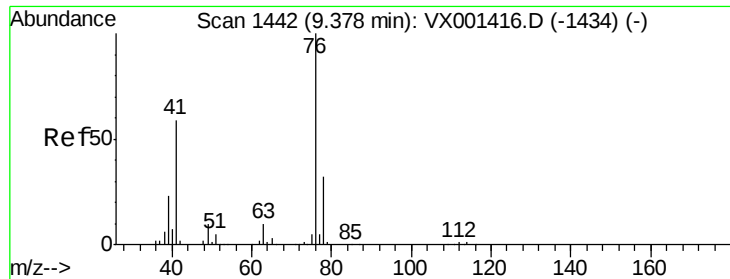
Tgt Ion:	97	Resp:	63689
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	55.3	43.3	64.9
99	65.7	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 21.28 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion:	69	Resp:	90191
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.1	82.7
39	37.9	29.9	44.9





#57

1,3-Dichloropropane

Concen: 21.80 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

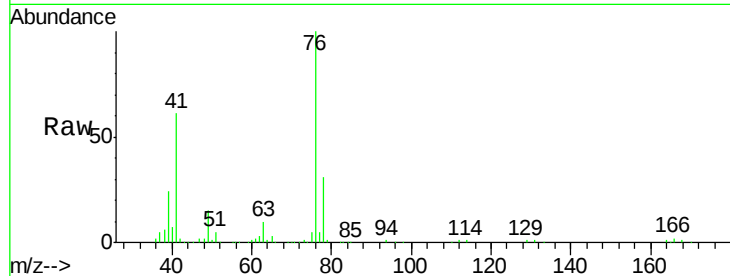
VX0507WBS02

Tgt Ion: 76 Resp: 105991

Ion Ratio Lower Upper

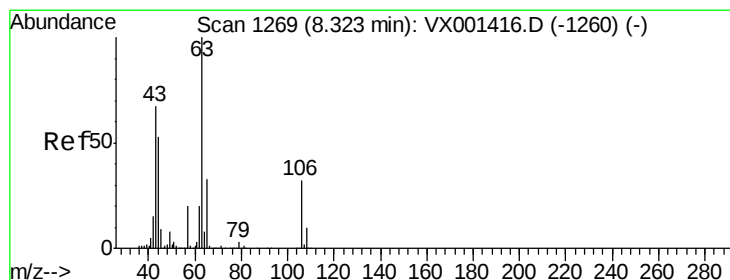
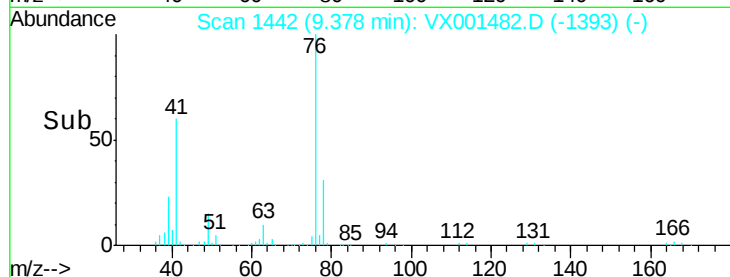
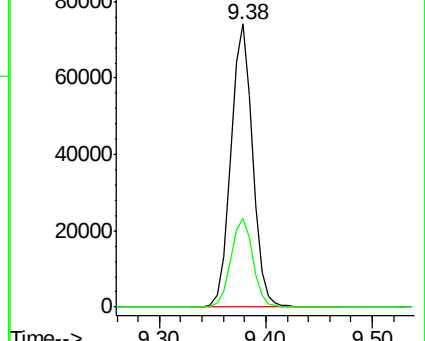
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 114.18 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001482.D

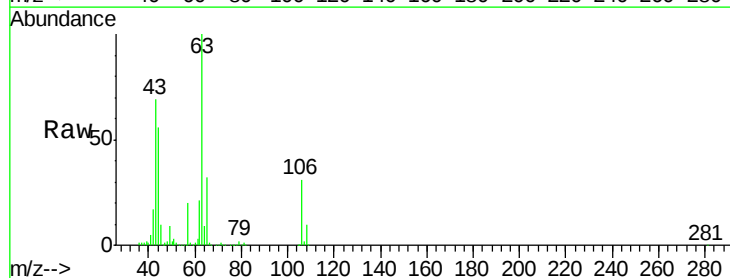
Acq: 07 May 2018 23:20

Tgt Ion: 63 Resp: 237358

Ion Ratio Lower Upper

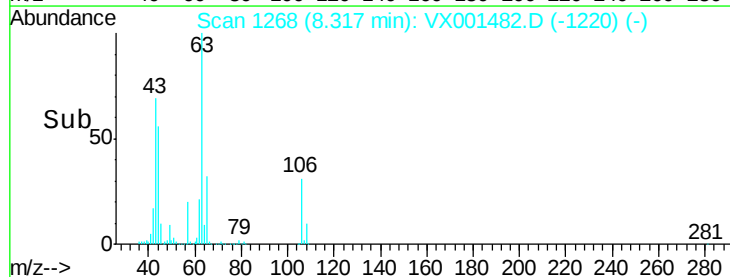
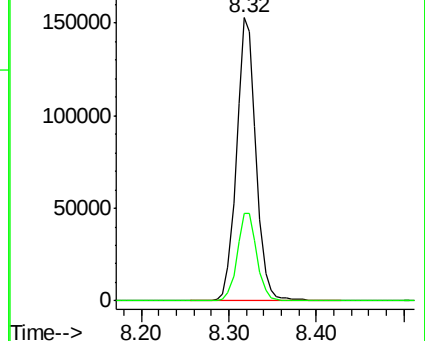
63 100

106 31.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

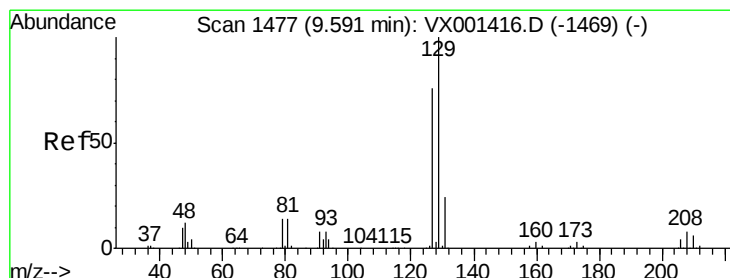
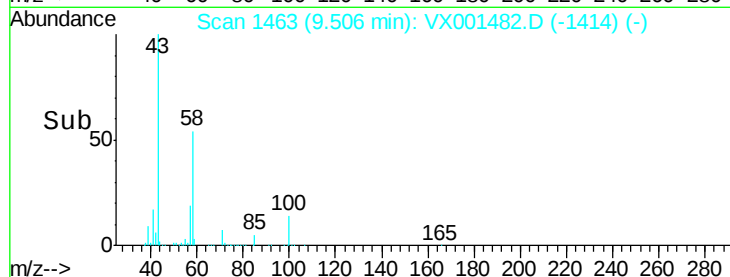
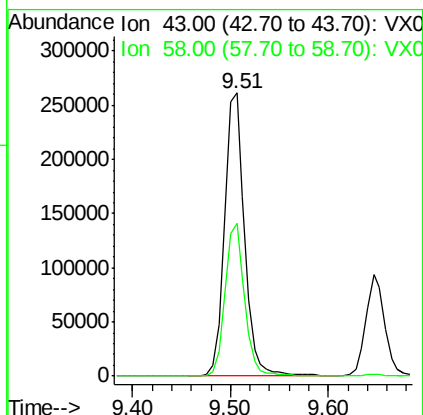
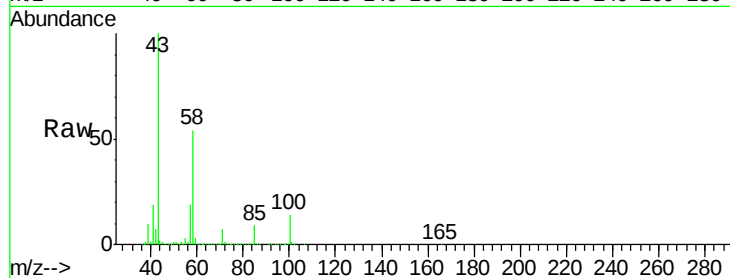




#59
2-Hexanone
Concen: 112.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

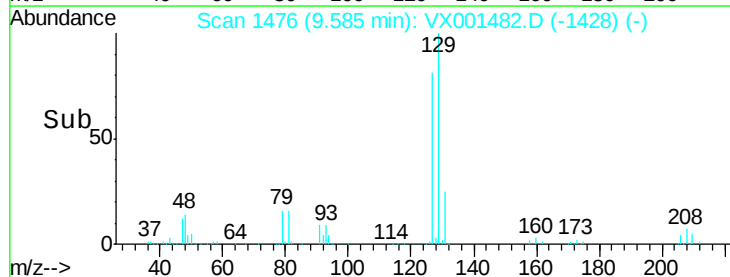
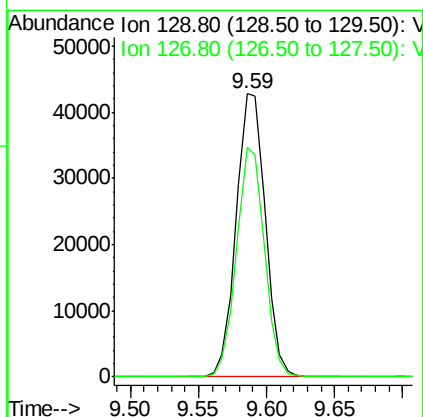
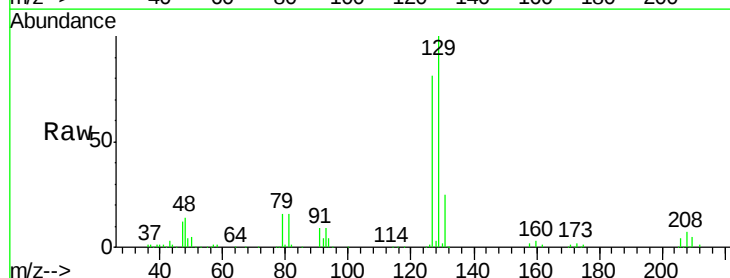
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

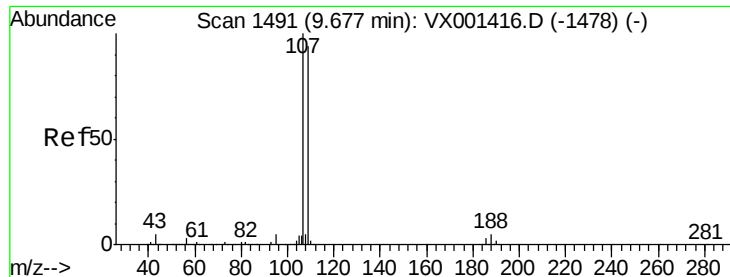
Tgt Ion: 43 Resp: 369101
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 21.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion: 129 Resp: 63925
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 22.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

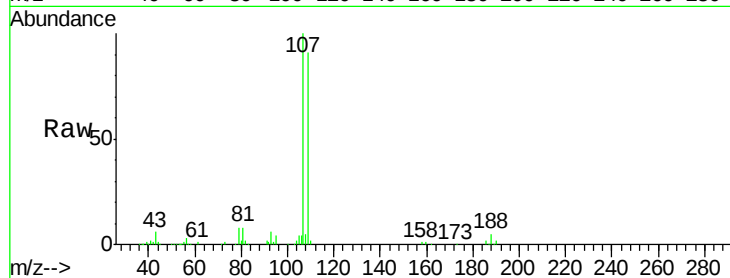
VX0507WBS02

Tgt Ion: 107 Resp: 68282

Ion Ratio Lower Upper

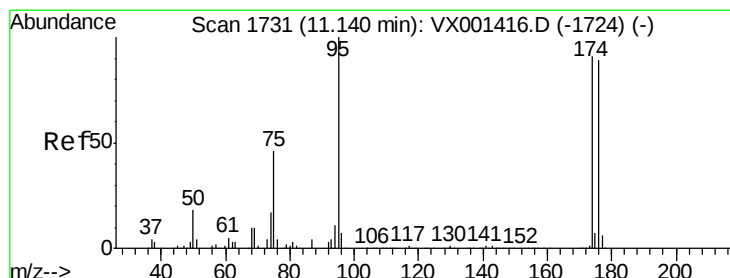
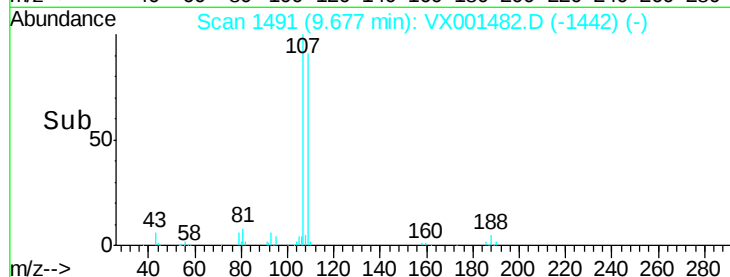
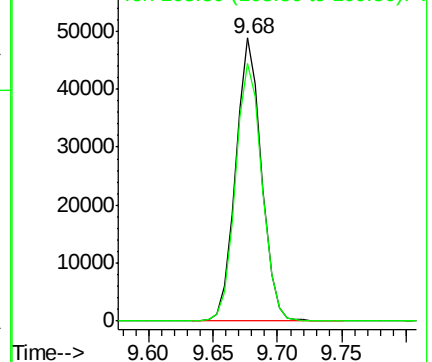
107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

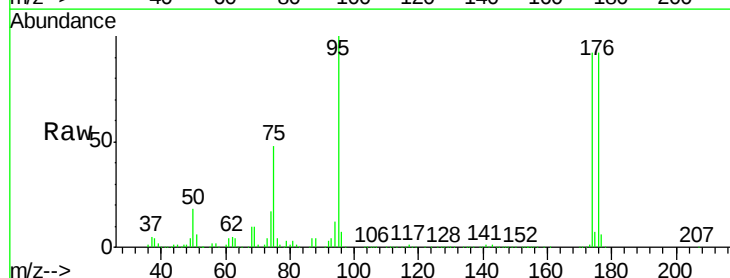
Tgt Ion: 95 Resp: 180037

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

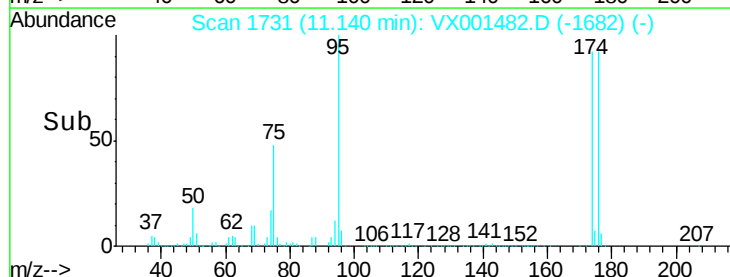
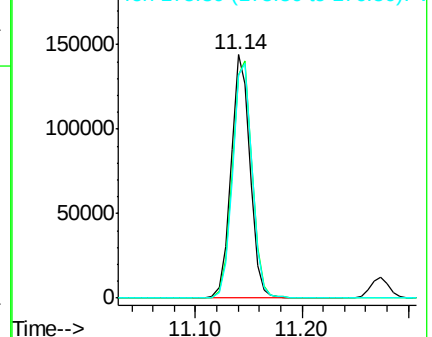
176 99.2 0.0 197.4

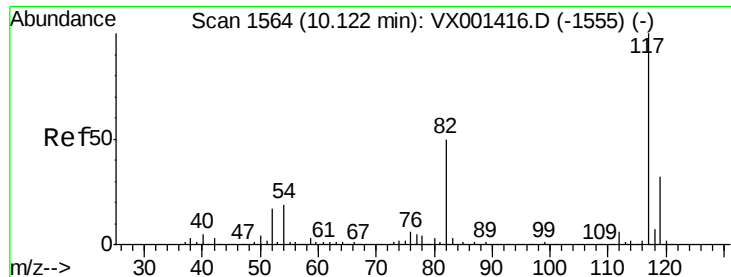


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

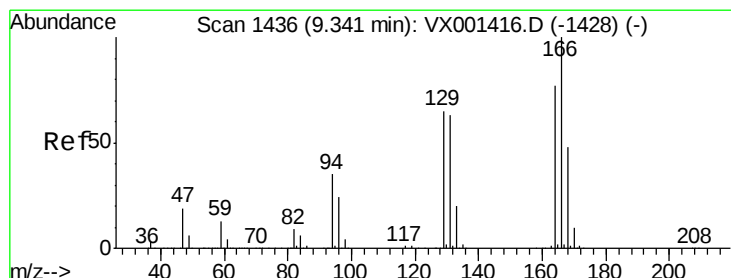
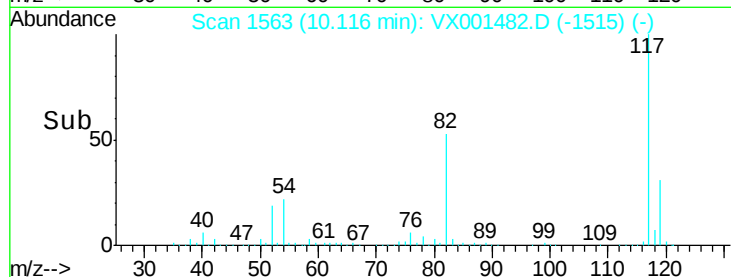
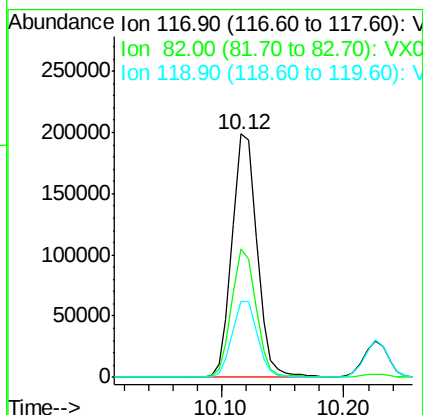
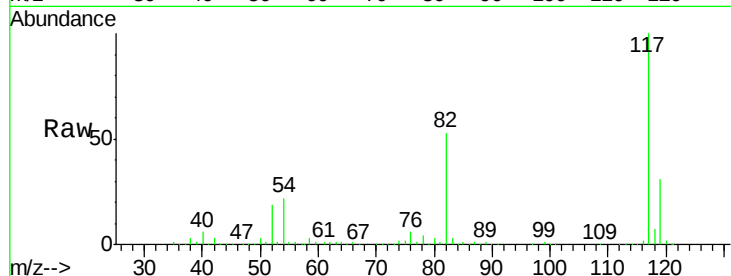




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

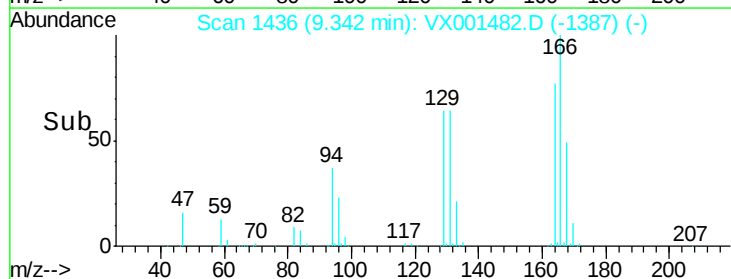
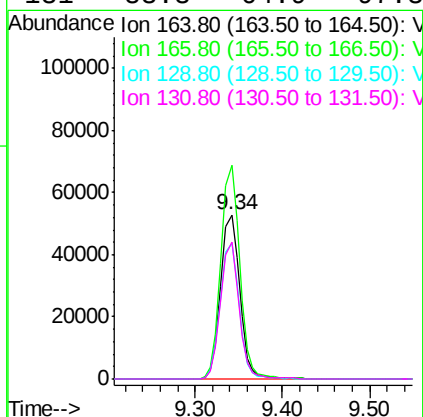
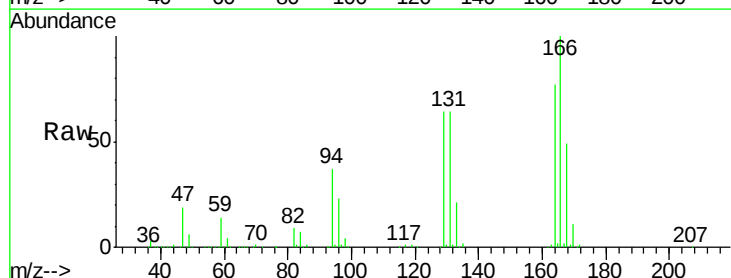
Instrument :
MSVOA_X
ClientSampled :
VX0507WBS02

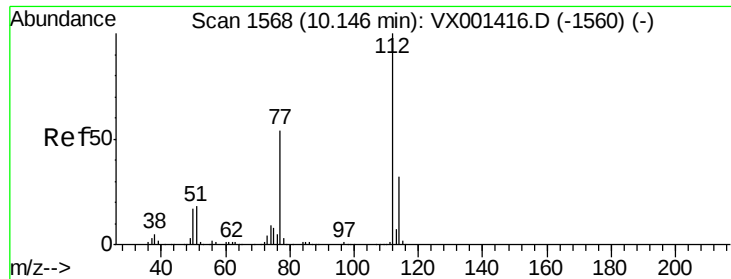
Tgt Ion:117 Resp: 281000
Ion Ratio Lower Upper
117 100
82 52.9 40.0 60.0
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.55 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion:164 Resp: 80471
Ion Ratio Lower Upper
164 100
166 130.3 103.5 155.3
129 83.1 66.7 100.1
131 83.3 64.9 97.3





#65

Chlorobenzene

Concen: 20.76 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

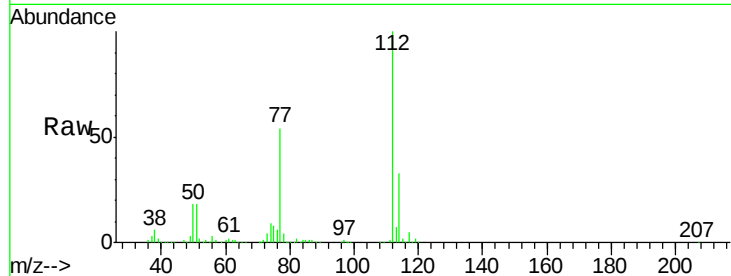
VX0507WBS02

Tgt Ion:112 Resp: 171097

Ion Ratio Lower Upper

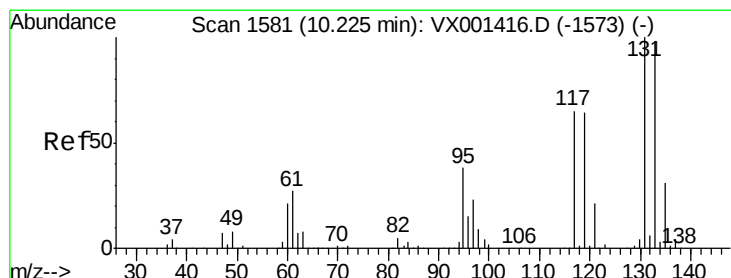
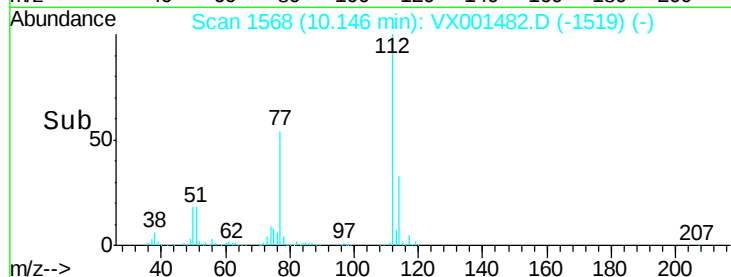
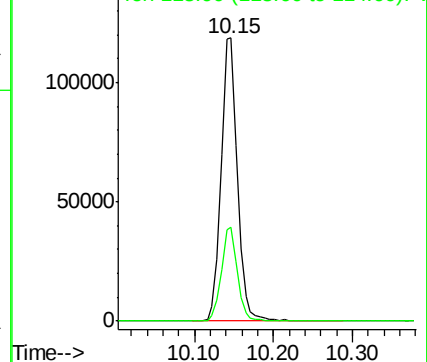
112 100

114 33.0 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: 21.49 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

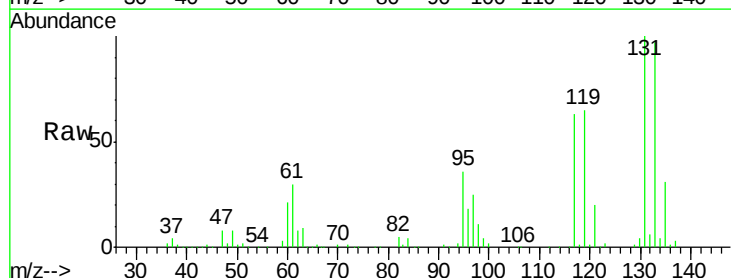
Tgt Ion:131 Resp: 63357

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.8

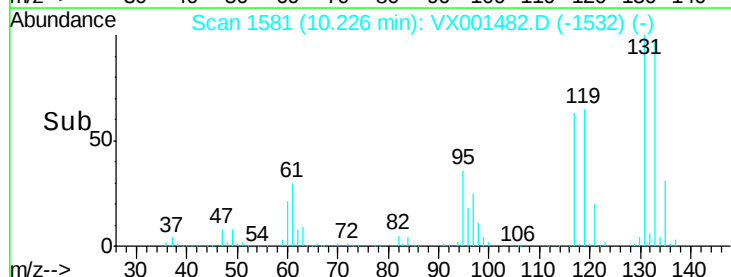
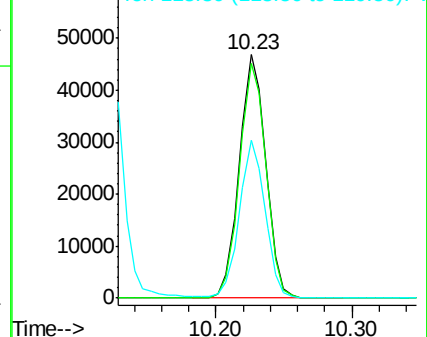
119 63.4 31.1 93.3

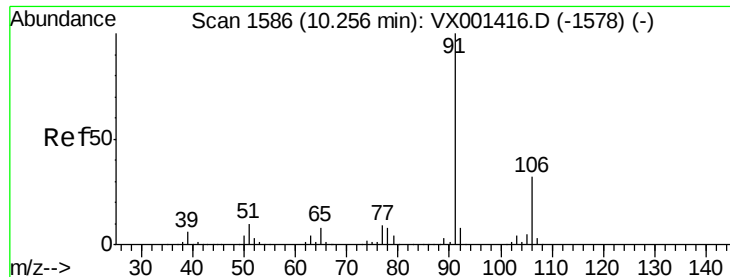


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.83 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

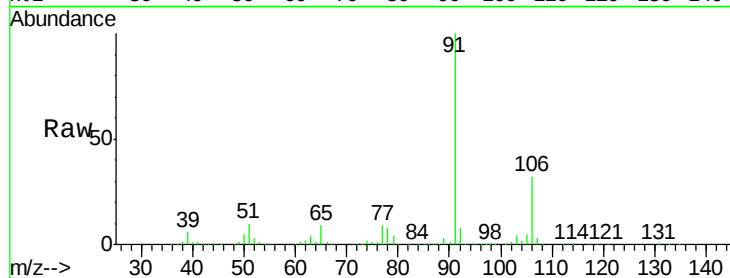
VX0507WBS02

Tgt Ion: 91 Resp: 267788

Ion Ratio Lower Upper

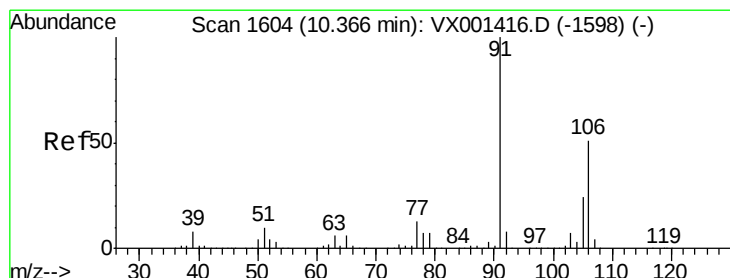
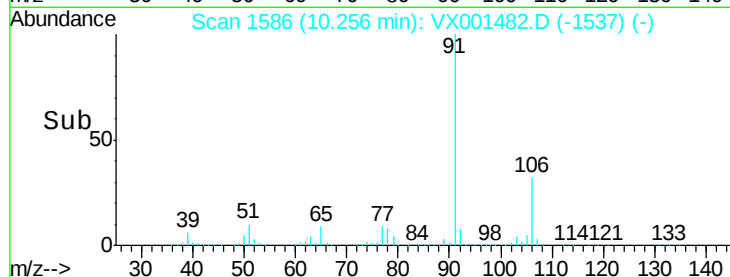
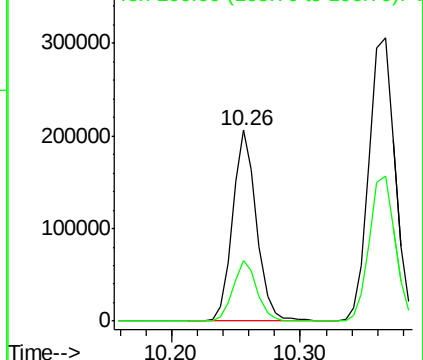
91 100

106 31.7 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: 40.44 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001482.D

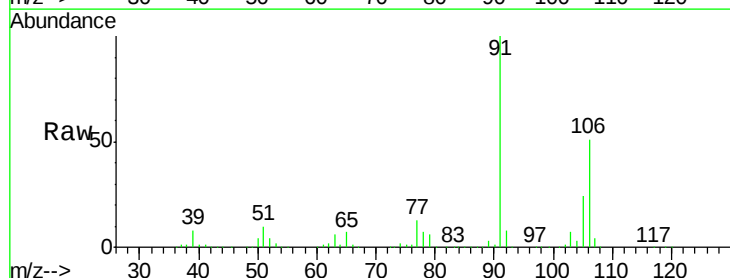
Acq: 07 May 2018 23:20

Tgt Ion: 106 Resp: 215859

Ion Ratio Lower Upper

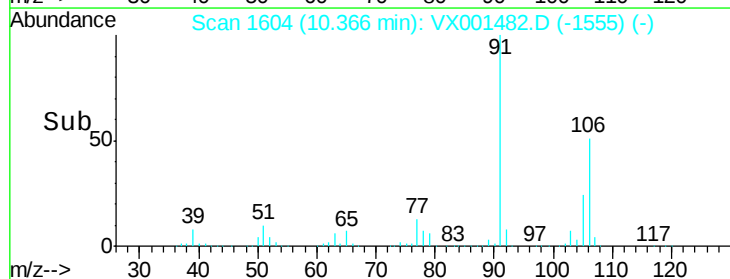
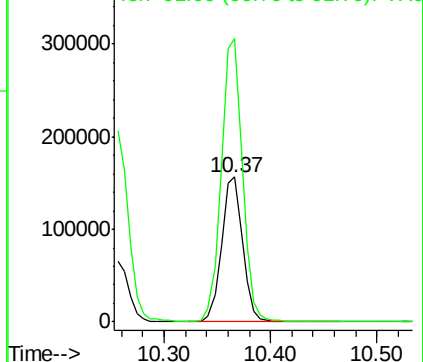
106 100

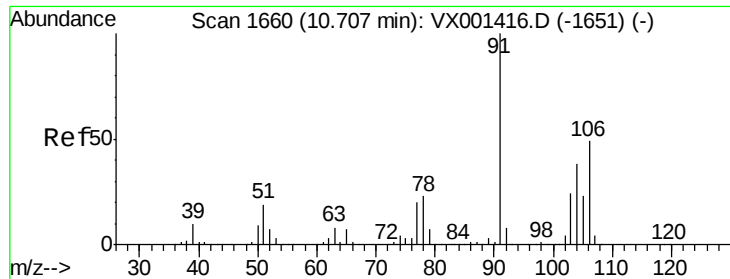
91 197.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

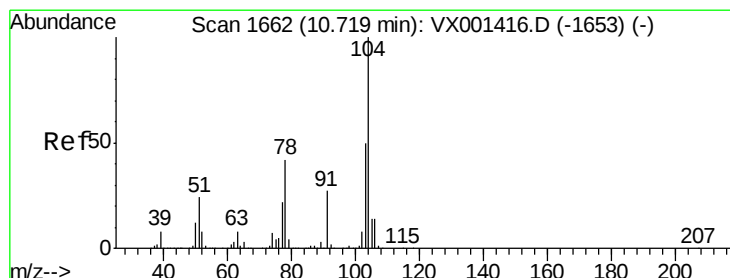
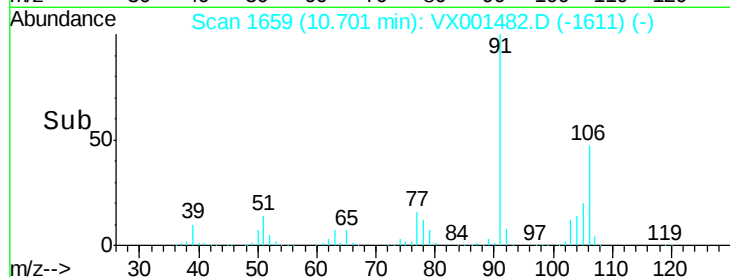
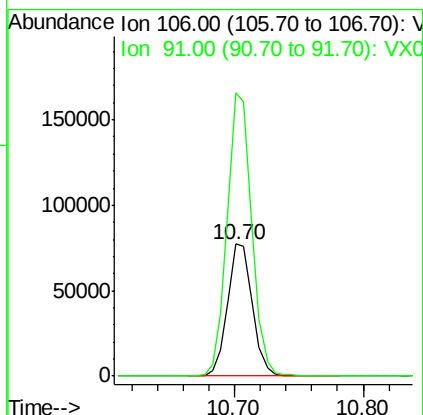
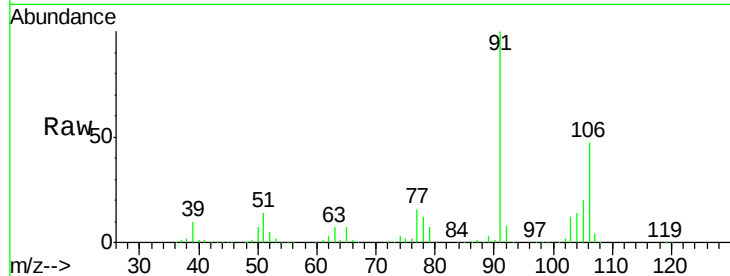




#69
o-Xylene
Concen: 20.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

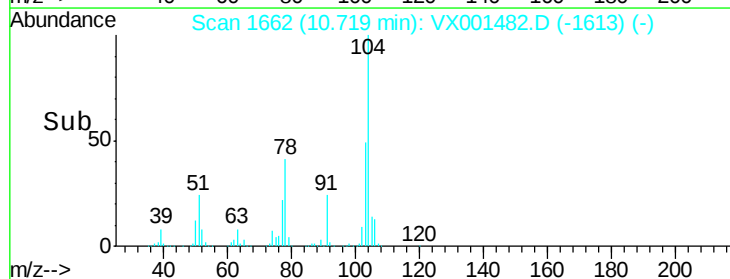
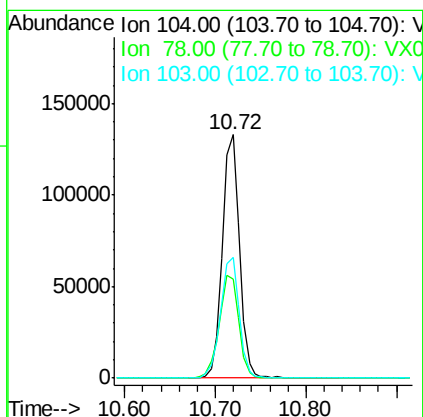
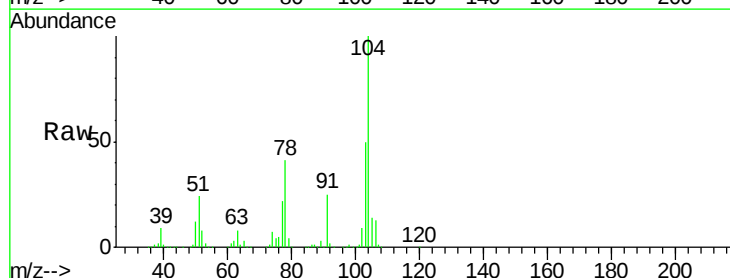
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

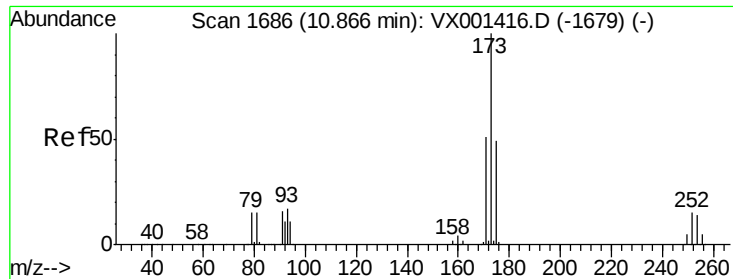
Tgt Ion:106 Resp: 105192
Ion Ratio Lower Upper
106 100
91 212.8 103.1 309.1



#70
Styrene
Concen: 20.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion:104 Resp: 175791
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.6 44.0 66.0





#71

Bromoform

Concen: 20.12 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

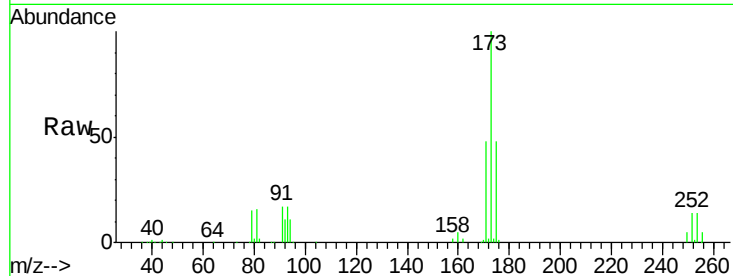
Tgt Ion:173 Resp: 50532

Ion Ratio Lower Upper

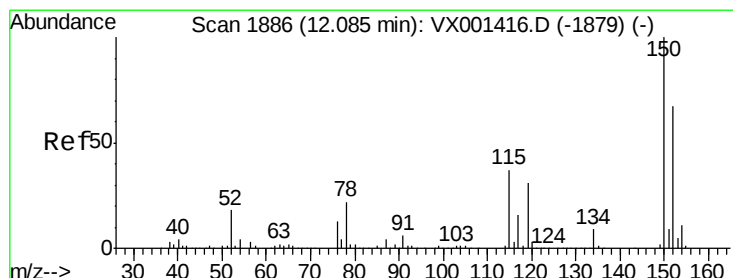
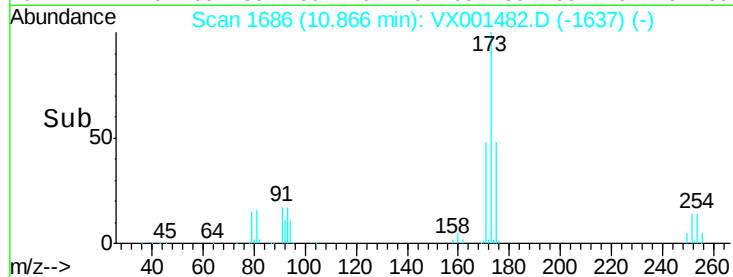
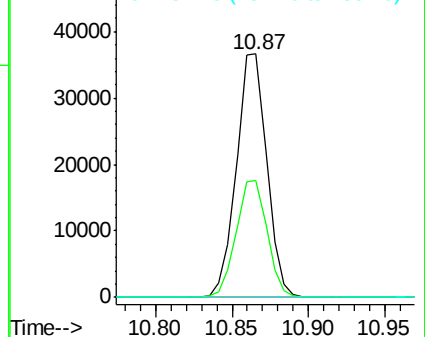
173 100

175 48.9 24.5 73.5

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

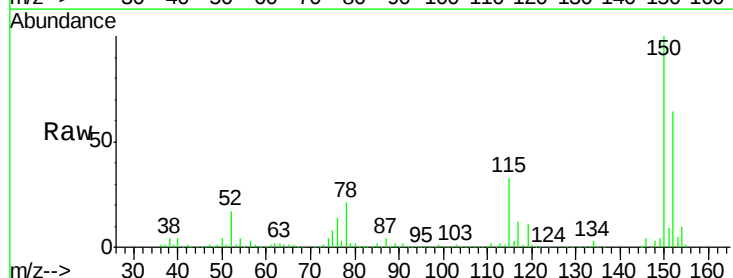
Tgt Ion:152 Resp: 194449

Ion Ratio Lower Upper

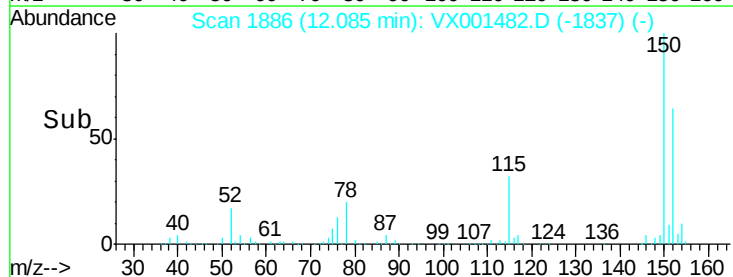
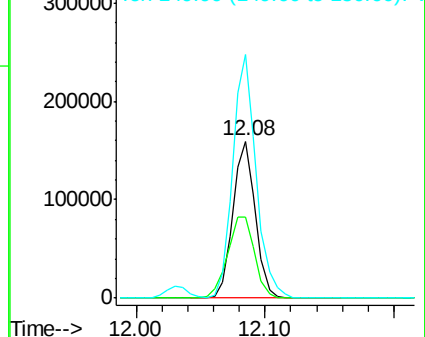
152 100

115 62.5 37.7 113.1

150 161.7 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: 20.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

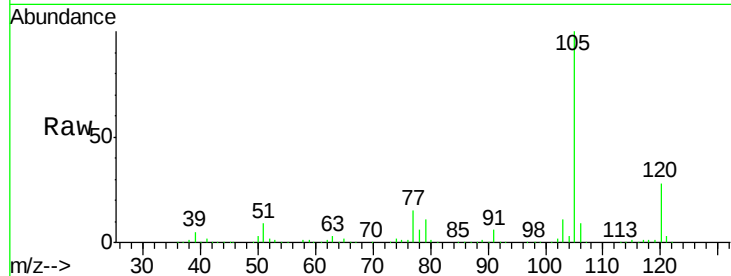
VX0507WBS02

Tgt Ion:105 Resp: 275691

Ion Ratio Lower Upper

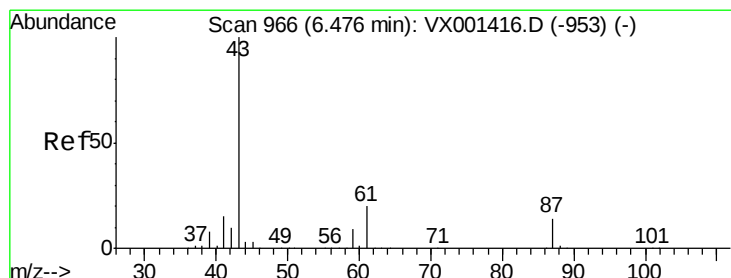
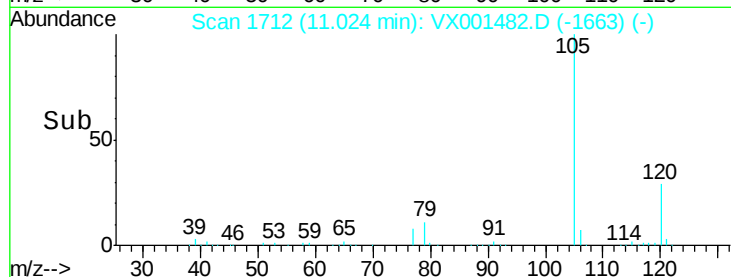
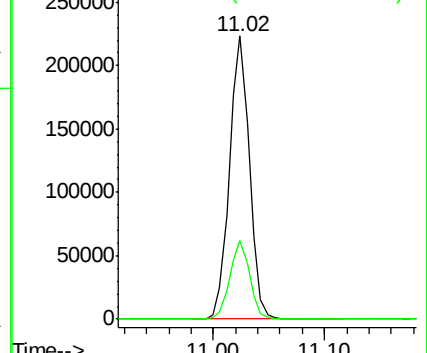
105 100

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: 23.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion: 43 Resp: 142568

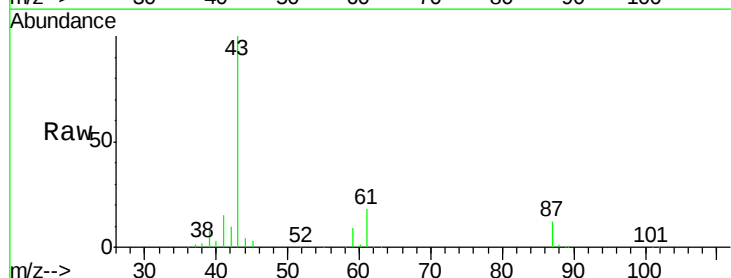
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.0

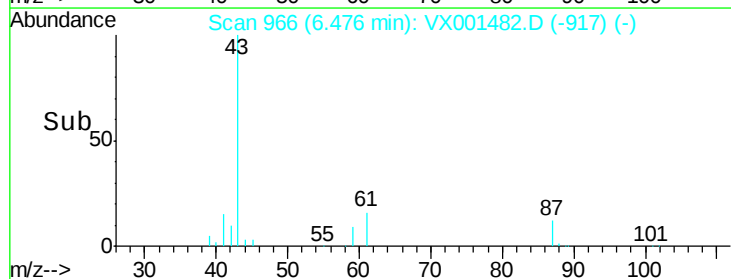
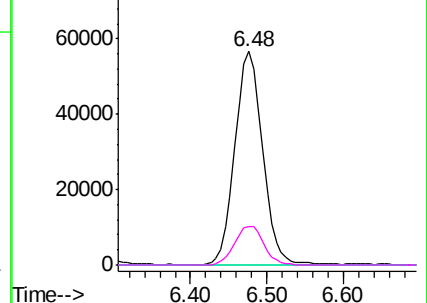


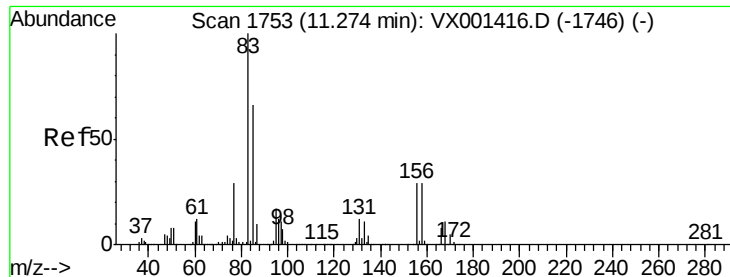
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

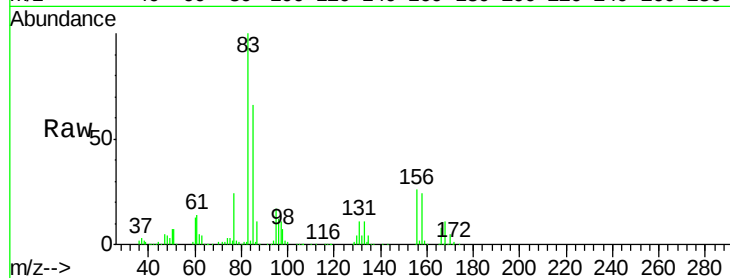
Tgt Ion: 83 Resp: 91780

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

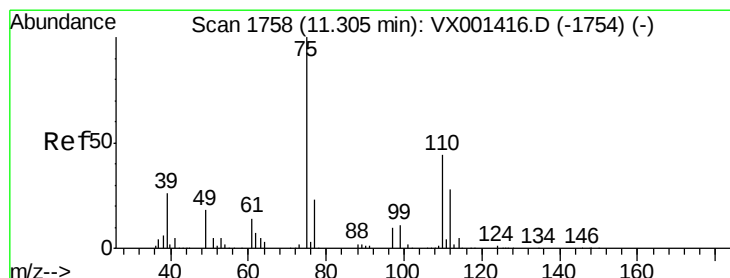
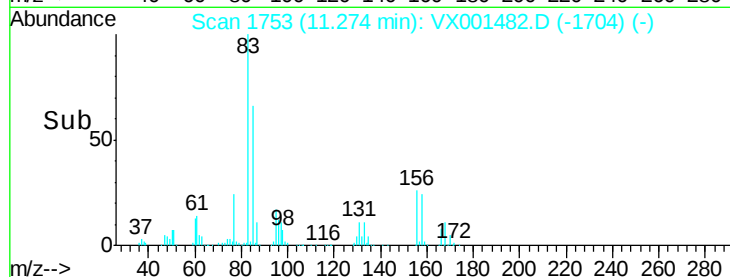
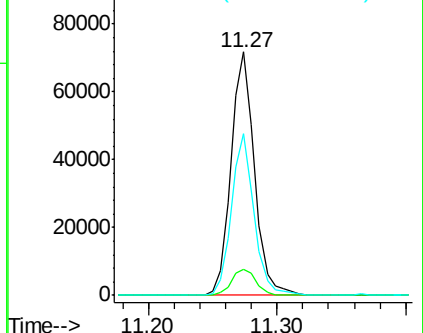
85 64.1 32.7 98.1



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: 25.95 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001482.D

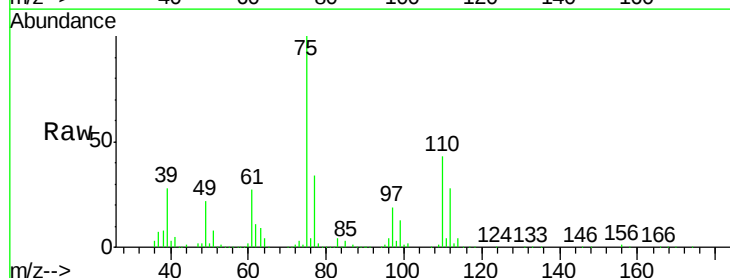
Acq: 07 May 2018 23:20

Tgt Ion: 75 Resp: 102324

Ion Ratio Lower Upper

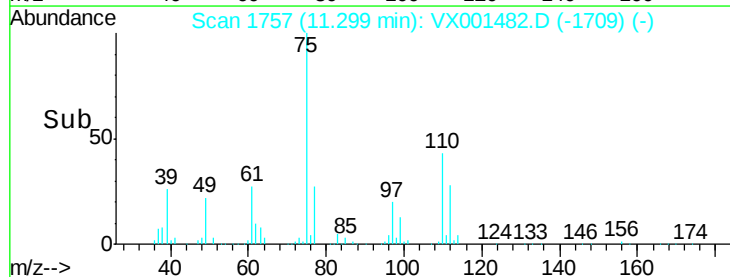
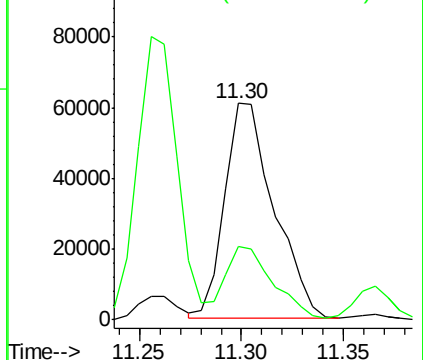
75 100

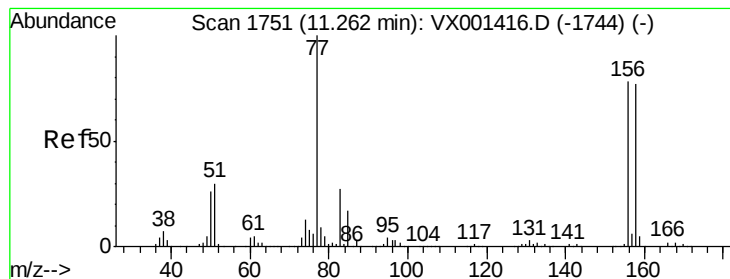
77 33.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

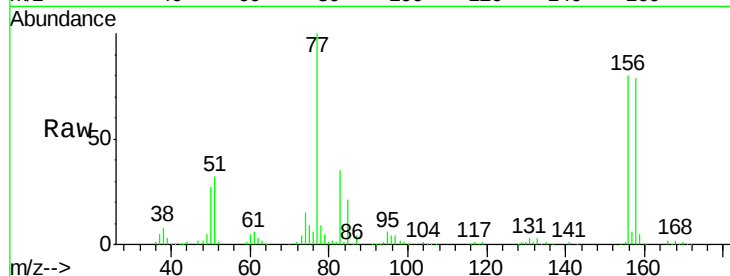
Tgt Ion:156 Resp: 82868

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

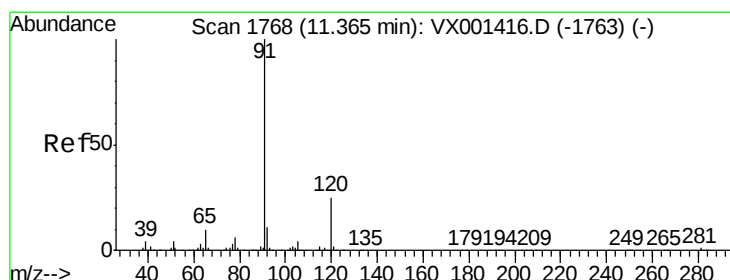
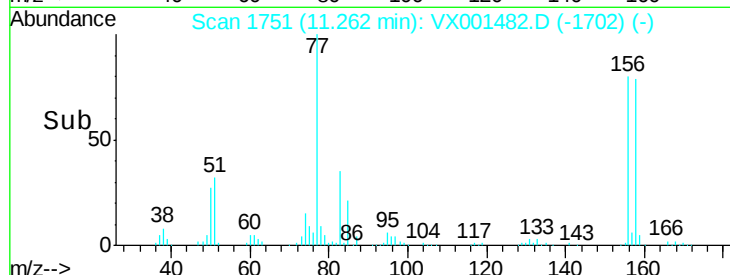
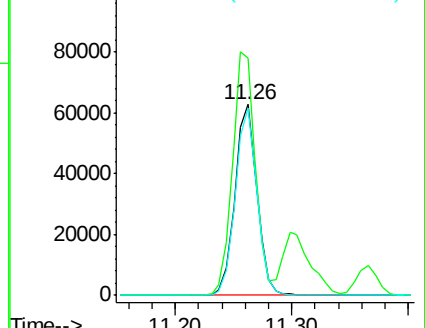
158 96.8 49.4 148.2



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: 20.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001482.D

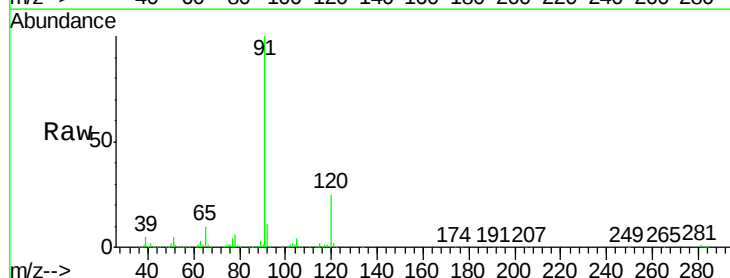
Acq: 07 May 2018 23:20

Tgt Ion: 91 Resp: 299874

Ion Ratio Lower Upper

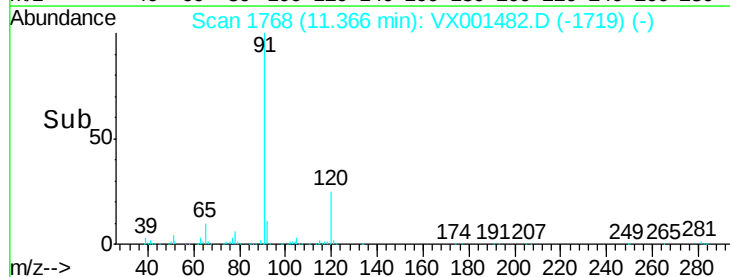
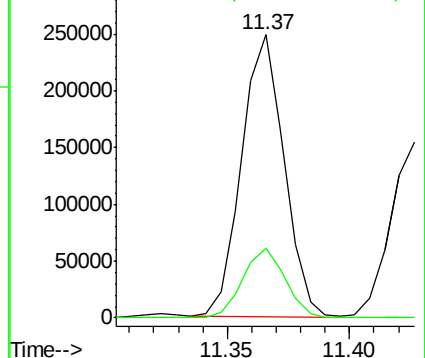
91 100

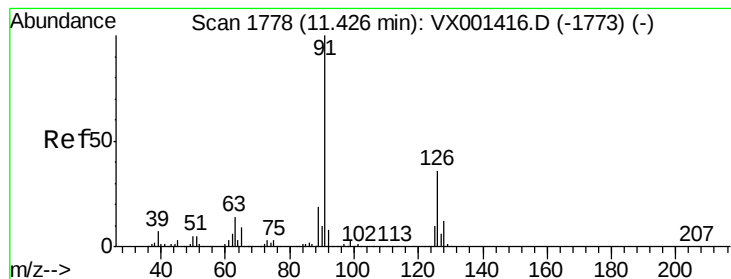
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

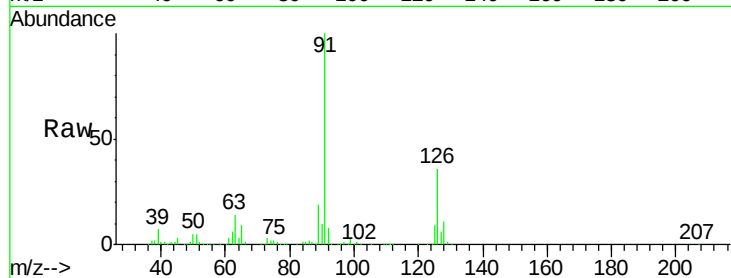
VX0507WBS02

Tgt Ion: 91 Resp: 189162

Ion Ratio Lower Upper

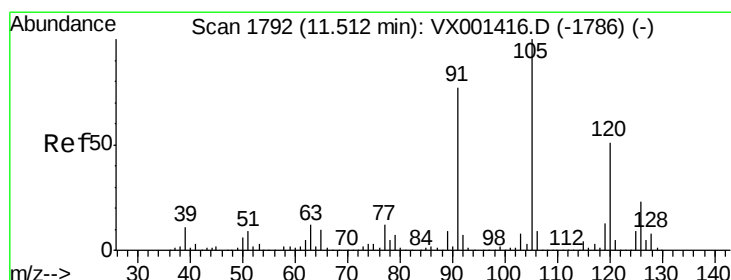
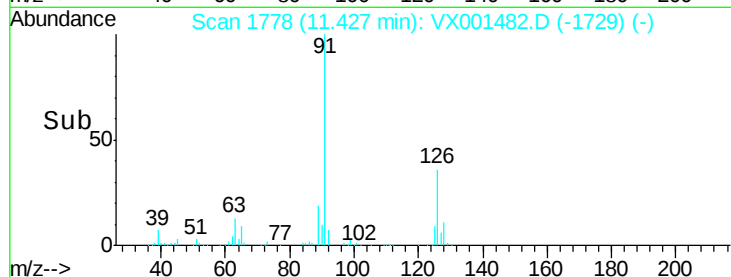
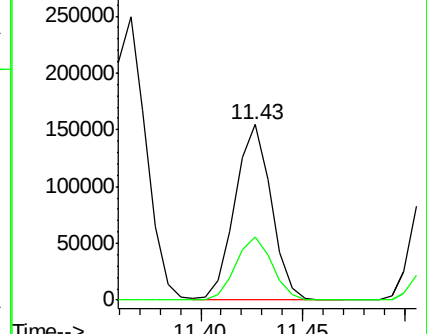
91 100

126 36.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001482.D

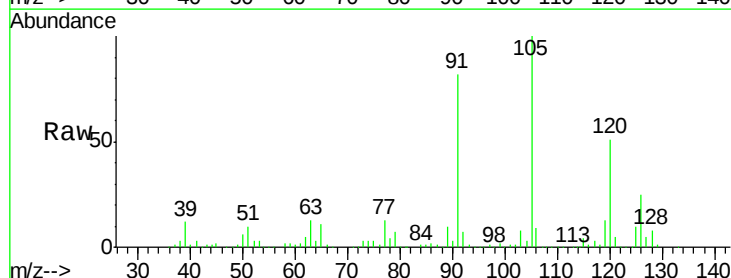
Acq: 07 May 2018 23:20

Tgt Ion: 105 Resp: 232295

Ion Ratio Lower Upper

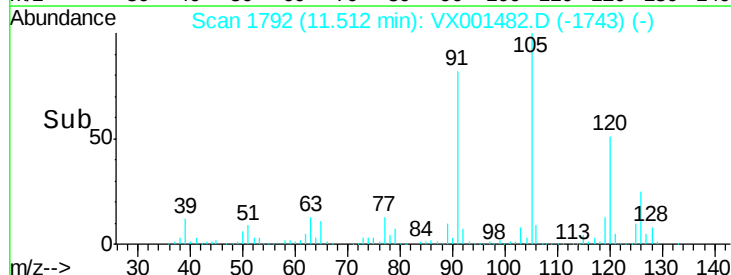
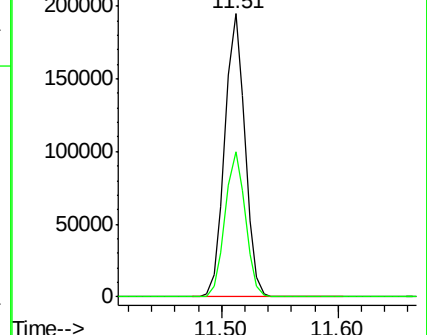
105 100

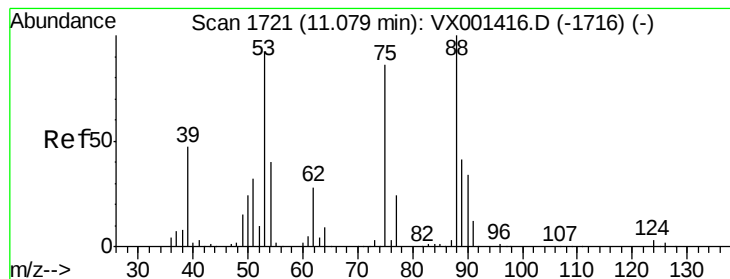
120 51.6 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.79 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

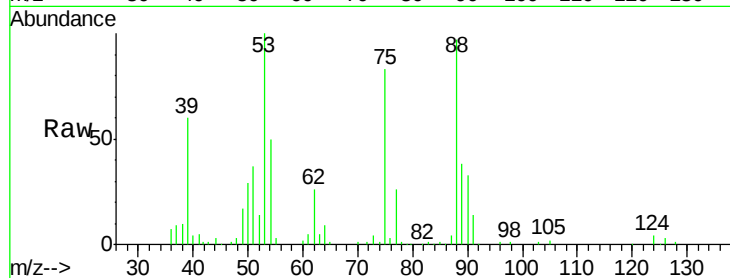
Tgt Ion: 75 Resp: 19621

Ion Ratio Lower Upper

75 100

53 122.6 84.5 126.7

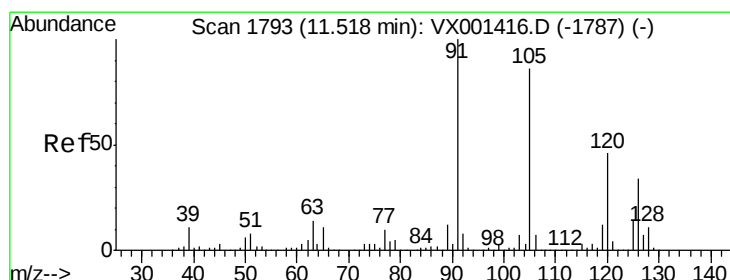
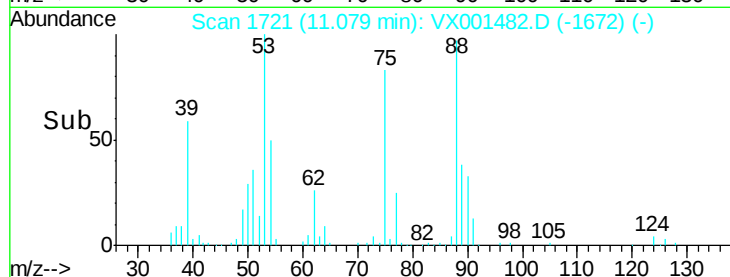
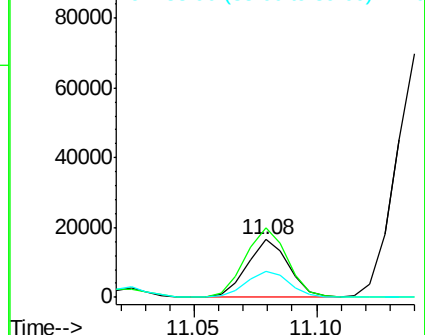
89 48.1 39.5 59.3



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: 20.95 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001482.D

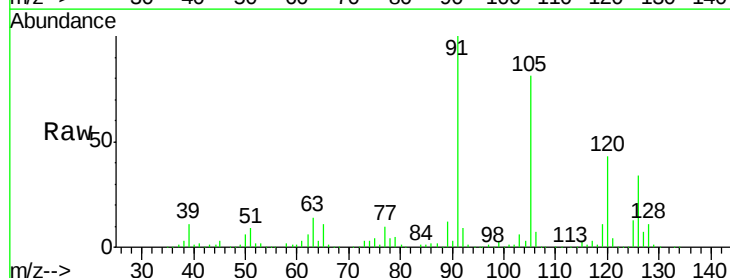
Acq: 07 May 2018 23:20

Tgt Ion: 91 Resp: 218022

Ion Ratio Lower Upper

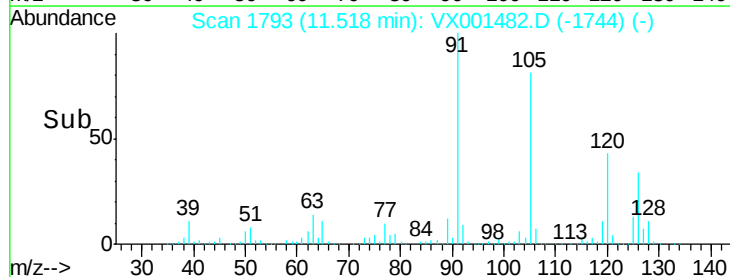
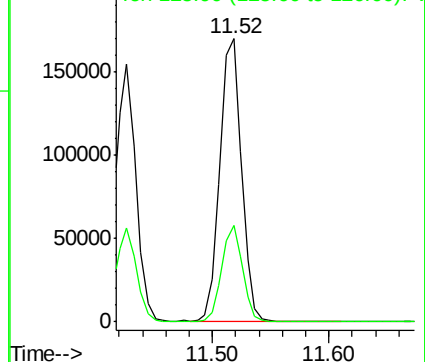
91 100

126 32.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

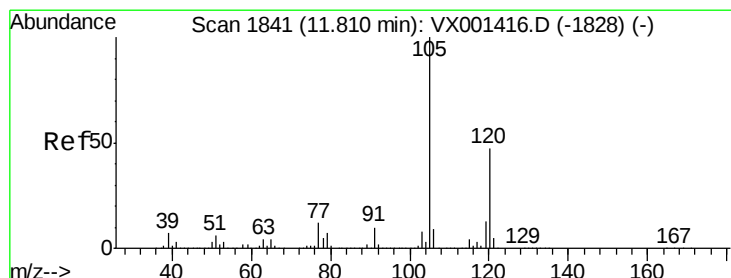
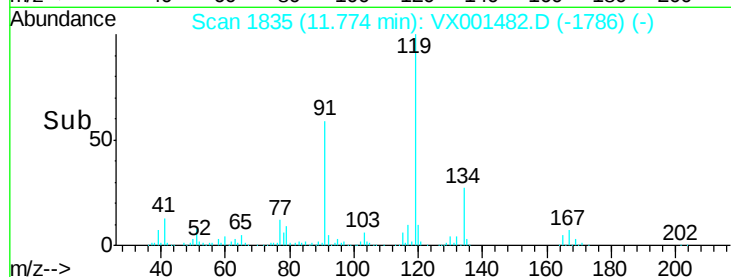
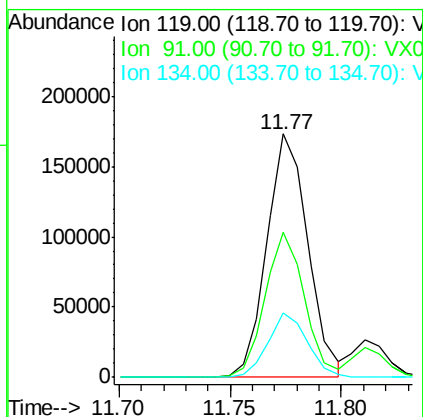
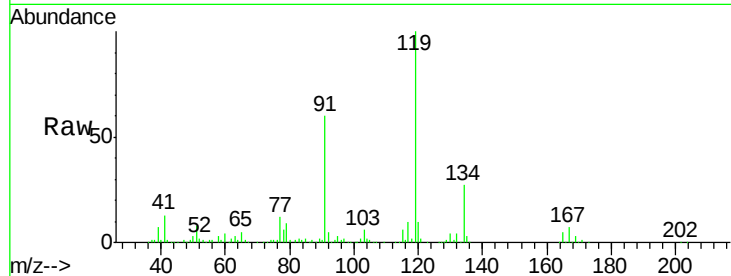




#83
 tert-Butylbenzene
 Concen: 19.90 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

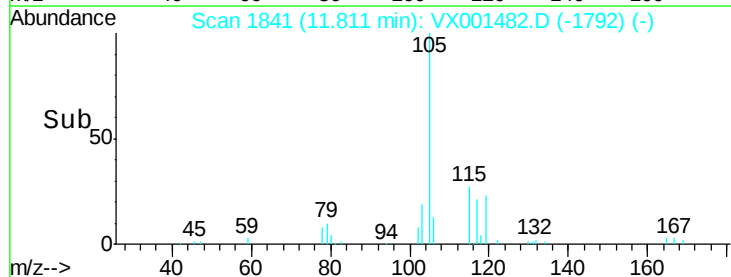
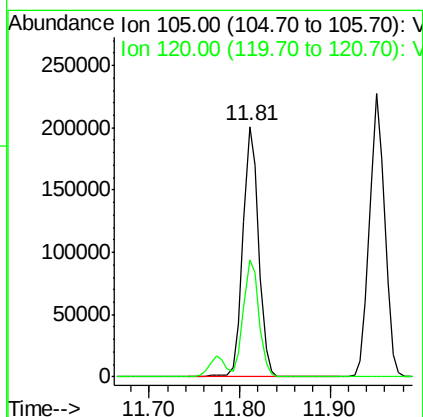
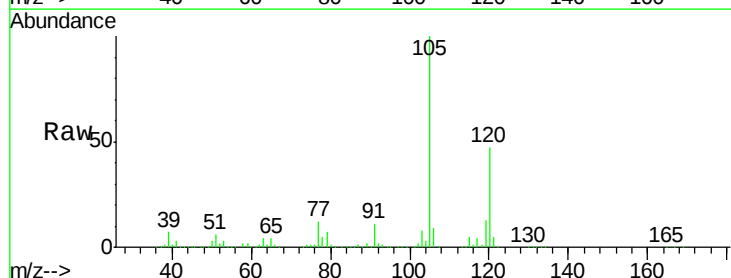
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

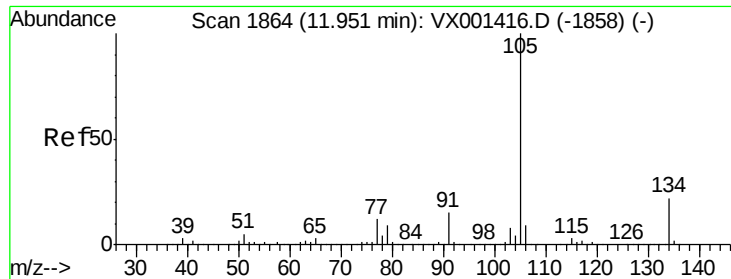
Tgt Ion:119 Resp: 221932
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.8 83.3
 134 25.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.98 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion:105 Resp: 241711
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.2

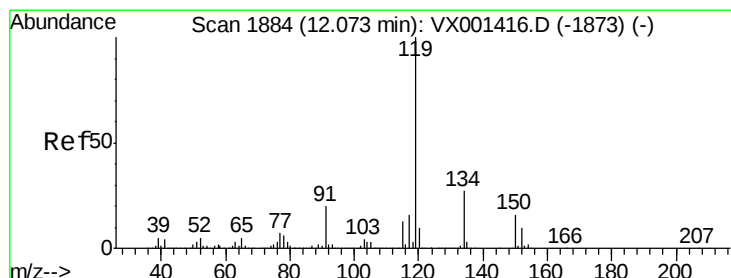
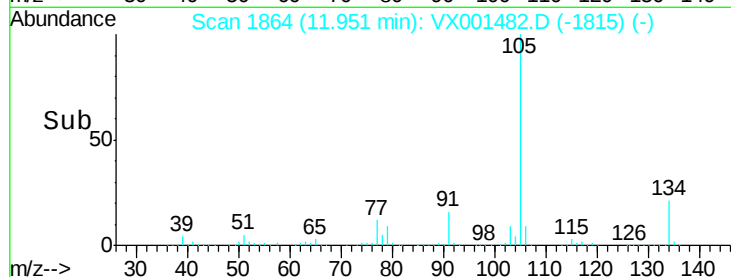
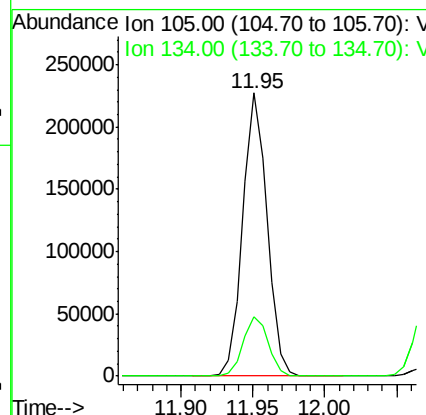
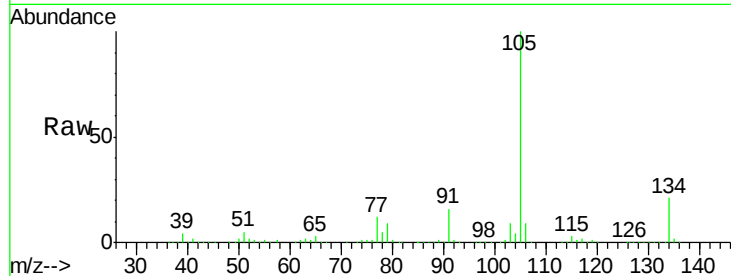




#85
 sec-Butylbenzene
 Concen: 19.95 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

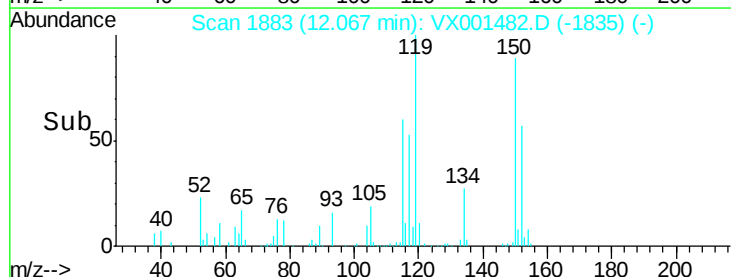
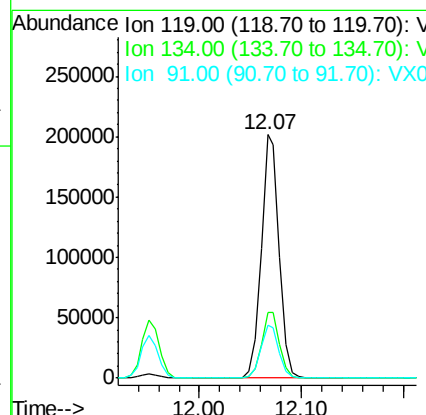
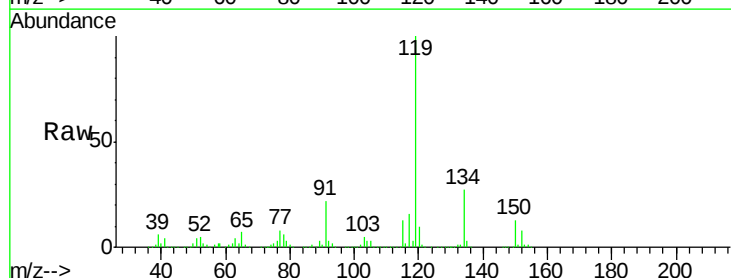
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

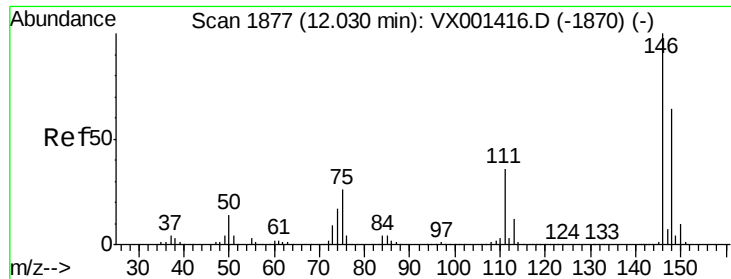
Tgt Ion:105 Resp: 267025
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.17 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion:119 Resp: 247716
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.0 10.8 32.3

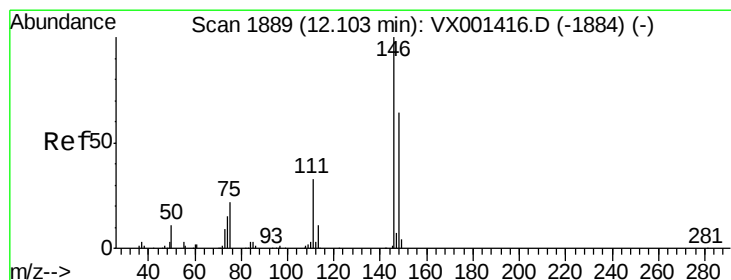
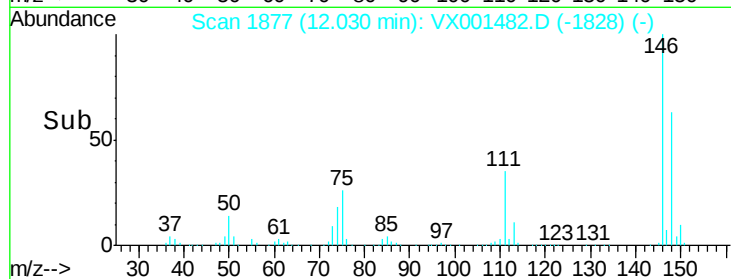
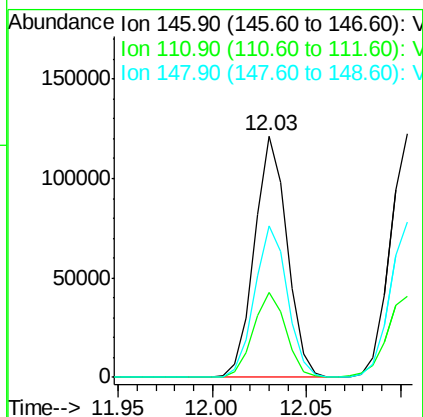
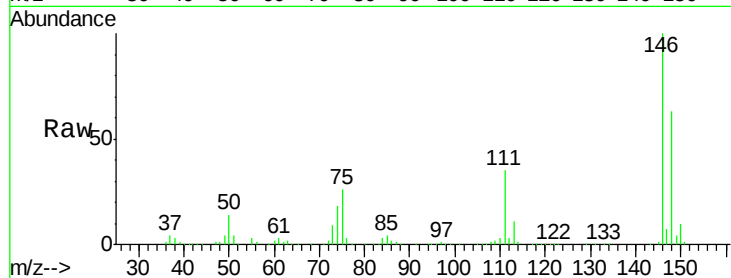




#87
 1,3-Dichlorobenzene
 Concen: 20.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

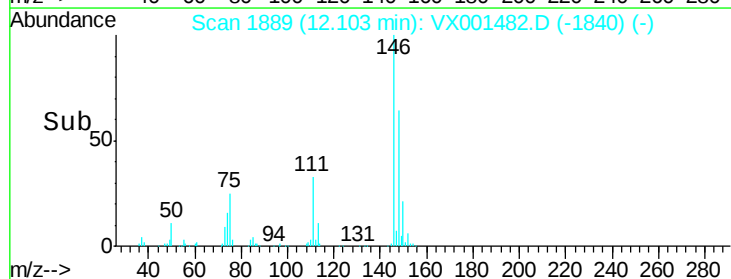
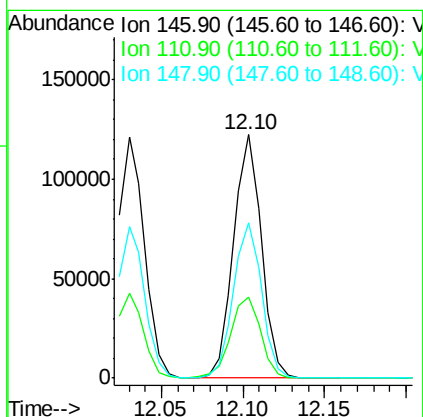
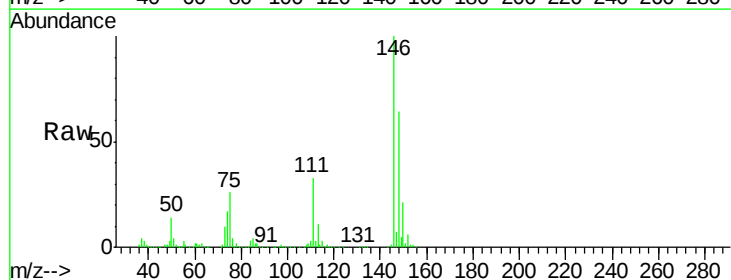
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

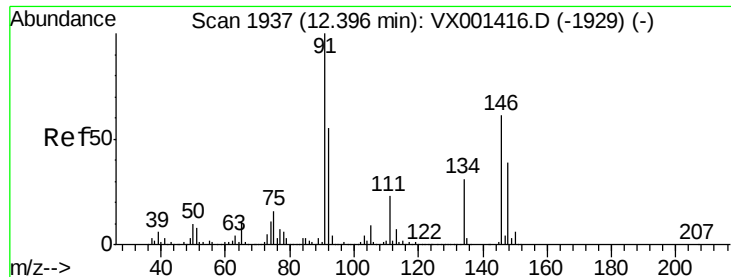
Tgt Ion:146 Resp: 145206
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.1
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.38 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion:146 Resp: 145407
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.4 52.3
 148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 18.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

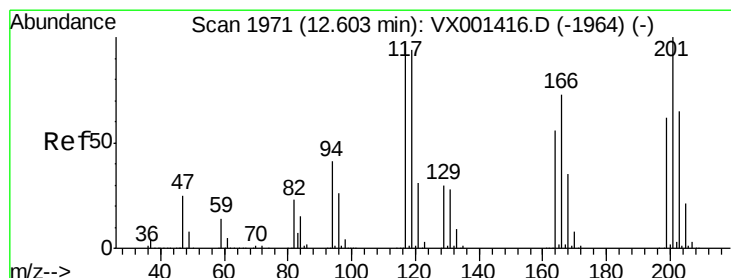
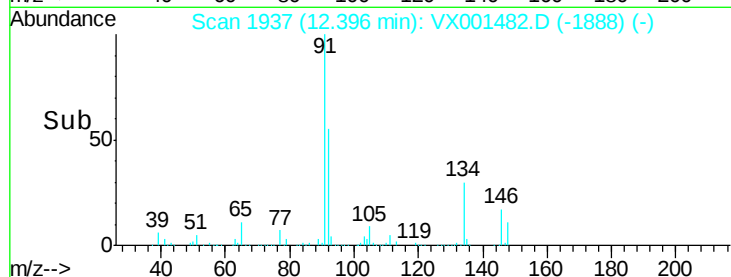
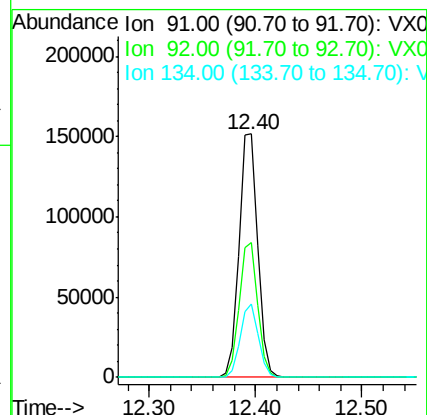
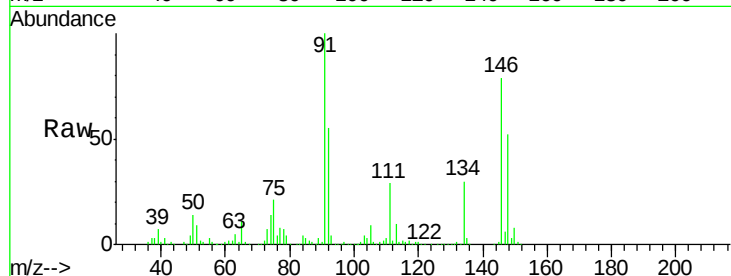
Tgt Ion: 91 Resp: 188001

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 29.0 14.6 44.0



#90

Hexachloroethane

Concen: 19.21 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001482.D

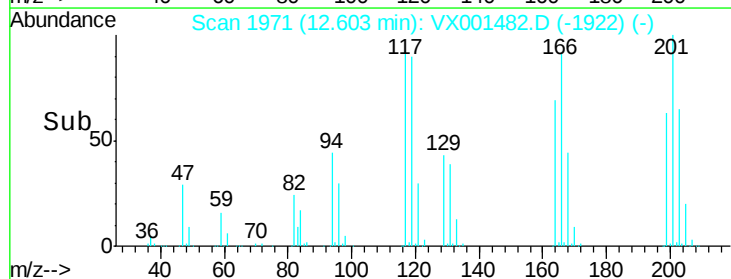
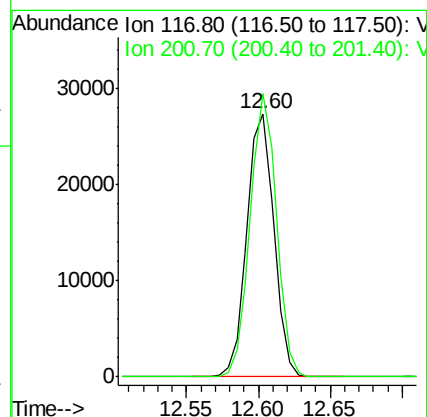
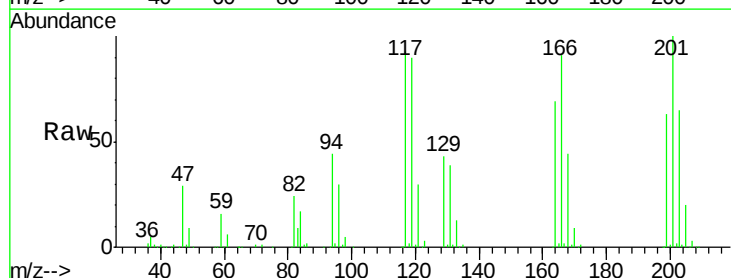
Acq: 07 May 2018 23:20

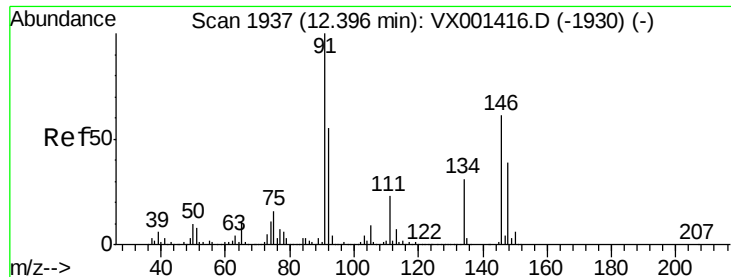
Tgt Ion: 117 Resp: 35520

Ion Ratio Lower Upper

117 100

201 104.5 51.5 154.5

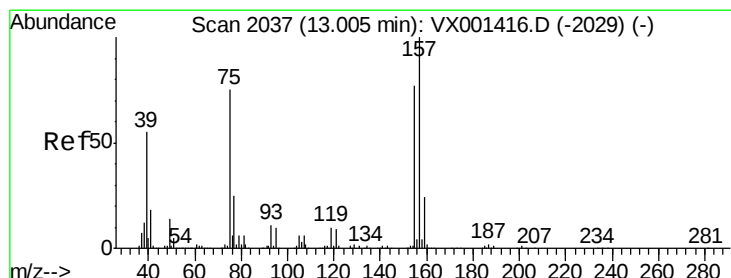
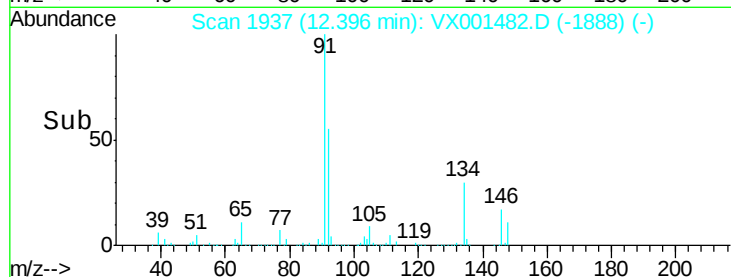
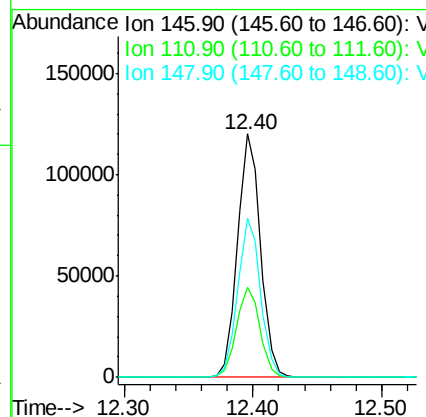
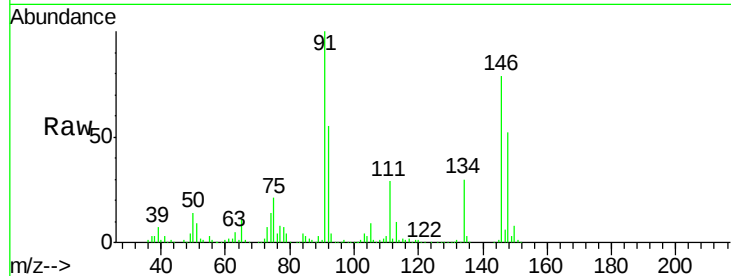




#91
 1,2-Dichlorobenzene
 Concen: 21.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

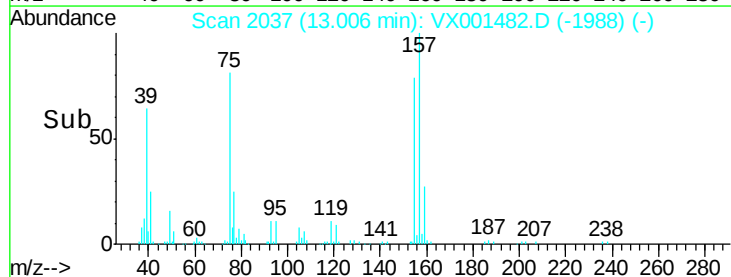
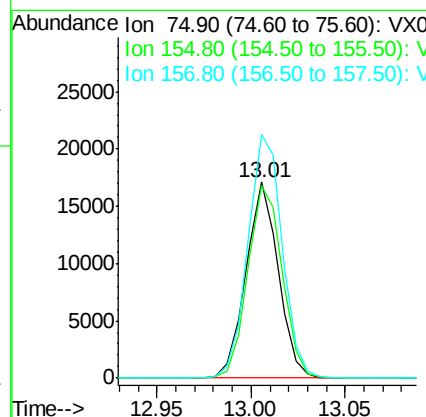
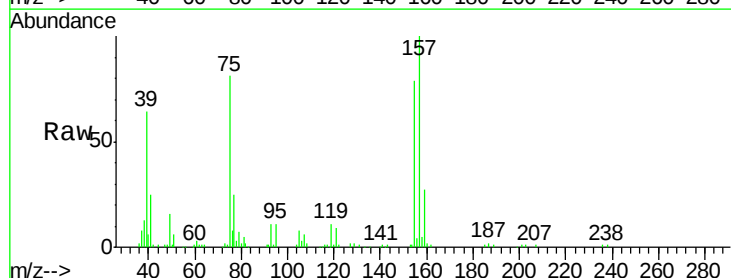
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

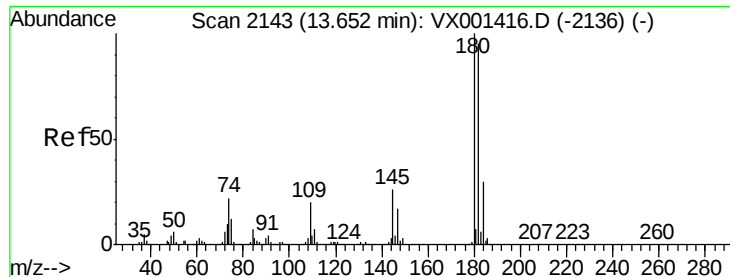
Tgt Ion:146 Resp: 150123
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 75 Resp: 20342
 Ion Ratio Lower Upper
 75 100
 155 104.1 53.4 160.2
 157 131.7 68.3 204.8

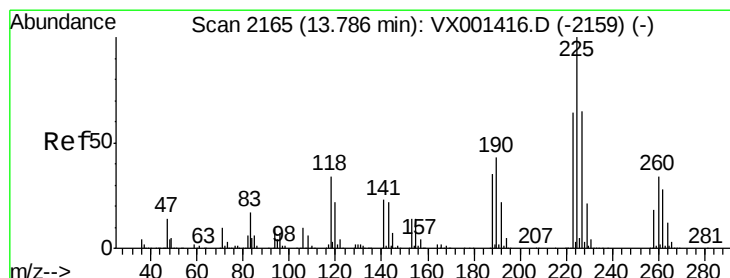
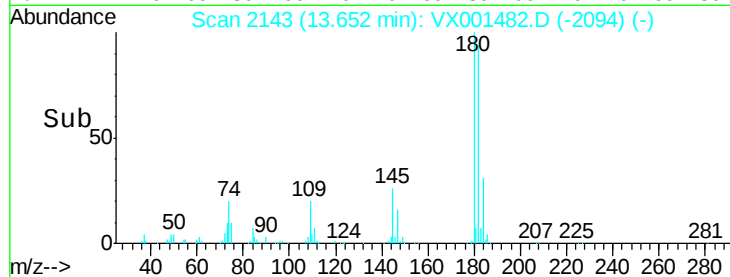
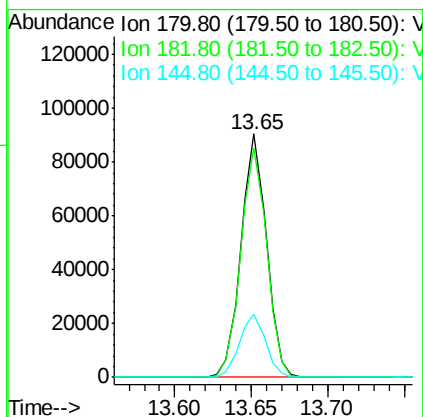
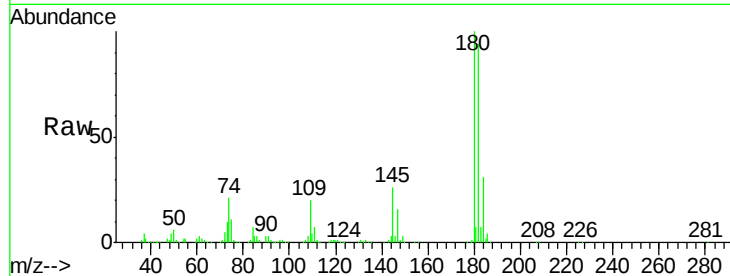




#93
 1,2,4-Trichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

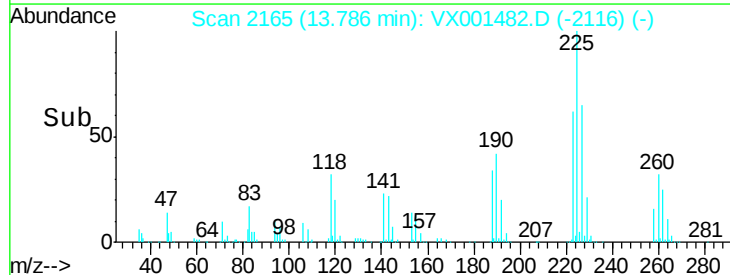
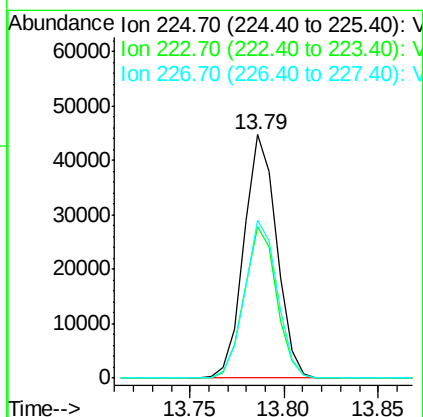
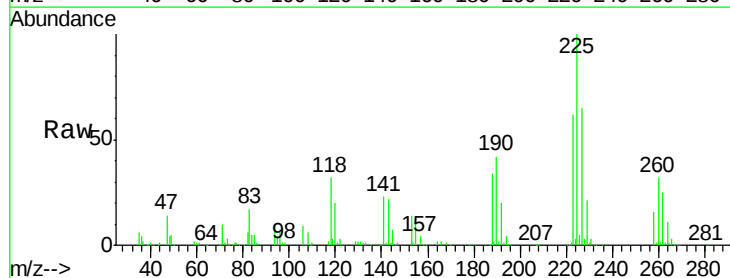
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

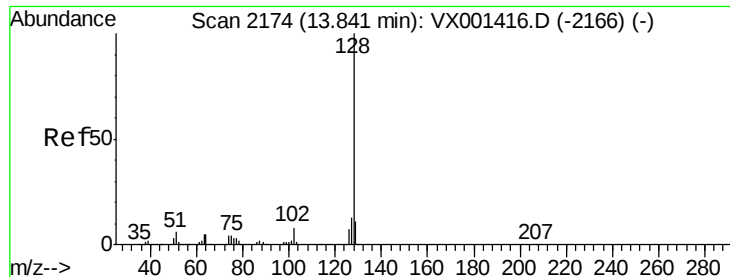
Tgt Ion:180 Resp: 104363
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.4
 145 26.6 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 18.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion:225 Resp: 53821
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.3 93.9
 227 64.5 32.4 97.2

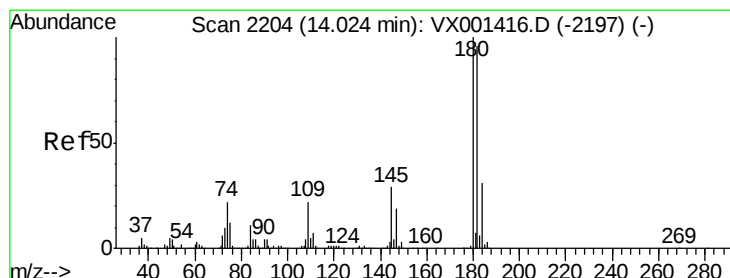
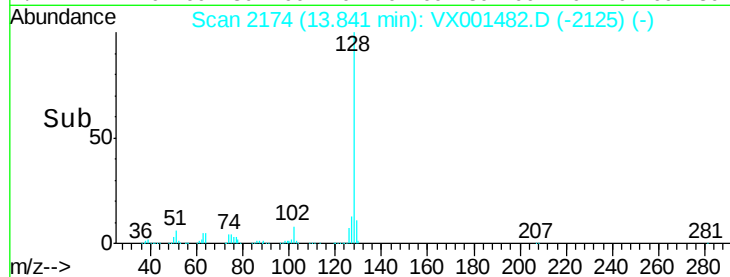
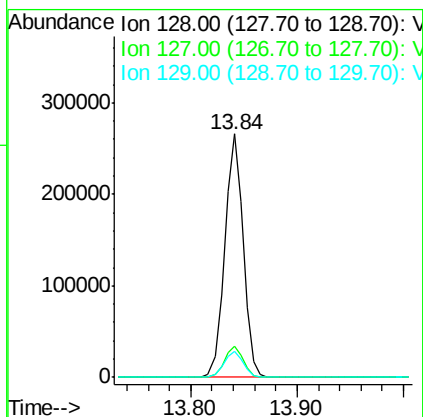
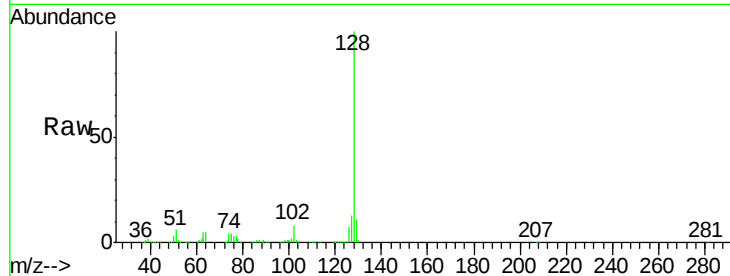




#95
Naphthalene
Concen: 22.31 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tgt Ion:128 Resp: 321289
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.05 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion:180 Resp: 112501
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.2
145 29.1 14.1 42.4

