

Data File : VX001601.D

Acq On : 10 May 2018 14:49

Operator : JC/MD

Sample : VX0510MBS01

Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Quant Time: May 11 06:52:32 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	233674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158398	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	5.51	113	126933	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	444781	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.14	95	168376	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63979	20.34	ug/l	100
3) Chloromethane	1.32	50	58406	19.06	ug/l	98
4) Vinyl Chloride	1.40	62	62640	19.59	ug/l	100
5) Bromomethane	1.64	94	33926	21.20	ug/l	99
6) Chloroethane	1.72	64	41006	19.40	ug/l	97
7) Trichlorofluoromethane	1.93	101	98546	20.48	ug/l	97
8) Diethyl Ether	2.19	74	39744	21.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59054	20.93	ug/l	99
10) Methyl Iodide	2.51	142	68727	16.88	ug/l	99
11) Tert butyl alcohol	3.07	59	80702	113.97	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51496	19.92	ug/l	99
13) Acrolein	2.30	56	12085	78.57	ug/l	90
14) Allyl chloride	2.73	41	98765	20.49	ug/l	98
15) Acrylonitrile	3.15	53	171365	107.09	ug/l	99
16) Acetone	2.45	43	167351	109.73	ug/l	98
17) Carbon Disulfide	2.57	76	116089	17.64	ug/l	99
18) Methyl Acetate	2.78	43	95132	23.74	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	194630	21.62	ug/l	99
20) Methylene Chloride	2.86	84	60818	20.14	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	54678	18.95	ug/l	96
22) Diisopropyl ether	3.87	45	185356	20.58	ug/l	96
23) Vinyl Acetate	3.83	43	819883	109.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	106141	21.09	ug/l	100
25) 2-Butanone	4.71	43	240388	109.04	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81491	20.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63019	20.51	ug/l	99
28) Bromochloromethane	5.03	49	47346	21.70	ug/l	95
29) Tetrahydrofuran	5.17	42	146768	104.05	ug/l	99
30) Chloroform	5.22	83	112022	21.61	ug/l	100
31) Cyclohexane	5.57	56	85396	19.76	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	94989	20.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75960	20.22	ug/l	99
37) Ethyl Acetate	4.87	43	89500	21.73	ug/l	100
38) Carbon Tetrachloride	5.79	117	84882	21.18	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Quant Time: May 11 06:52:32 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90769	20.43	ug/l	97
40) Benzene	6.15	78	232128	21.15	ug/l	100
41) Methacrylonitrile	5.07	41	50943	21.62	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95593	22.66	ug/l	100
43) Isopropyl Acetate	6.47	43	138644	21.93	ug/l	99
44) Trichloroethene	7.22	130	71111	21.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	60144	21.98	ug/l	98
46) Dibromomethane	7.67	93	42627	22.01	ug/l	99
47) Bromodichloromethane	7.90	83	77983	21.76	ug/l	97
48) Methyl methacrylate	7.78	41	74477	21.63	ug/l	99
49) 1,4-Dioxane	7.76	88	32848	441.62	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	472623	112.49	ug/l	99
52) Toluene	8.79	92	154582	21.54	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88696	21.89	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	80858	20.69	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64294	22.24	ug/l	96
56) Ethyl methacrylate	9.19	69	87783	21.06	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105354	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239607	117.23	ug/l	99
59) 2-Hexanone	9.50	43	353659	109.92	ug/l	99
60) Dibromochloromethane	9.59	129	64584	21.81	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65449	21.56	ug/l	98
64) Tetrachloroethene	9.34	164	82879	21.20	ug/l	99
65) Chlorobenzene	10.14	112	174080	21.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65088	22.12	ug/l	99
67) Ethyl Benzene	10.26	91	280823	20.83	ug/l	99
68) m/p-Xylenes	10.37	106	226437	42.51	ug/l	100
69) o-Xylene	10.70	106	110162	21.28	ug/l	100
70) Styrene	10.72	104	179578	21.35	ug/l	99
71) Bromoform	10.86	173	49119	19.69	ug/l #	99
73) Isopropylbenzene	11.02	105	295896	21.46	ug/l	100
74) N-amyl acetate	6.47	43	138644	22.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89776	22.05	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	106873	26.46	ug/l	89
77) Bromobenzene	11.26	156	84276	21.03	ug/l	99
78) n-propylbenzene	11.37	91	329438	21.95	ug/l	99
79) 2-Chlorotoluene	11.43	91	196958	21.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249694	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21979	20.15	ug/l	89
82) 4-Chlorotoluene	11.52	91	232451	21.81	ug/l	99
83) tert-Butylbenzene	11.77	119	240086	21.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	257771	21.85	ug/l	100
85) sec-Butylbenzene	11.95	105	301134	21.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	278299	22.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152405	21.27	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	154543	21.15	ug/l	99
89) n-Butylbenzene	12.40	91	220382	21.15	ug/l	99
90) Hexachloroethane	12.60	117	39917	21.08	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	155454	21.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19943	22.29	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\
Quantitation Report (Not Reviewed)

Data File : VX001601.D
Acq On : 10 May 2018 14:49
Operator : JC/MD
Sample : VX0510MBS01
Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Quant Time: May 11 06:52:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

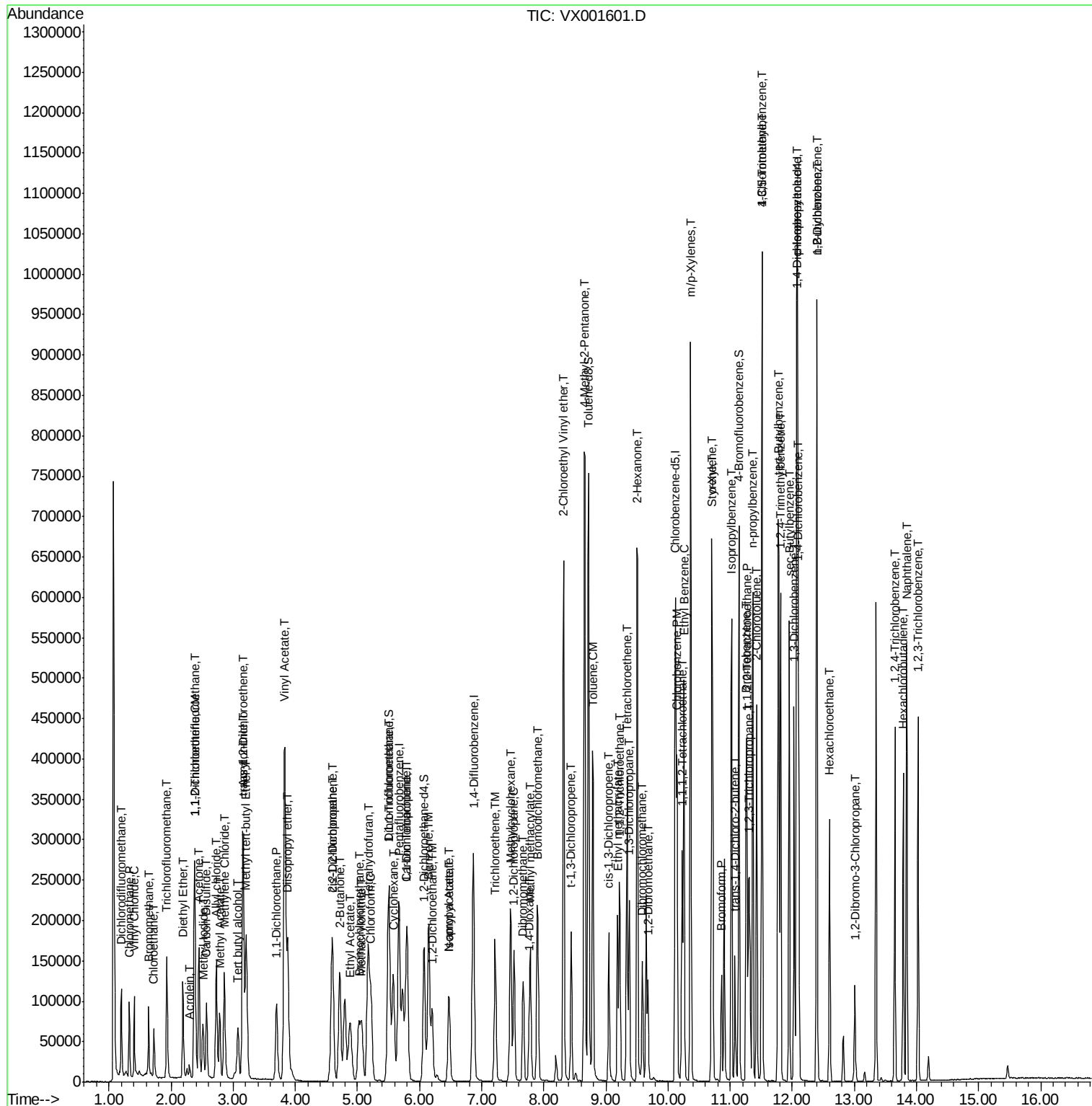
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113901	21.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	62664	21.47	ug/l	100
95) Naphthalene	13.84	128	323900	21.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118312	21.62	ug/l	99

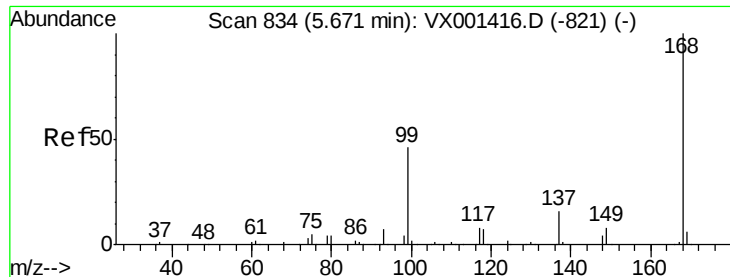
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ALS Vial : 6 Sample Multiplier: 1

VX0510MBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

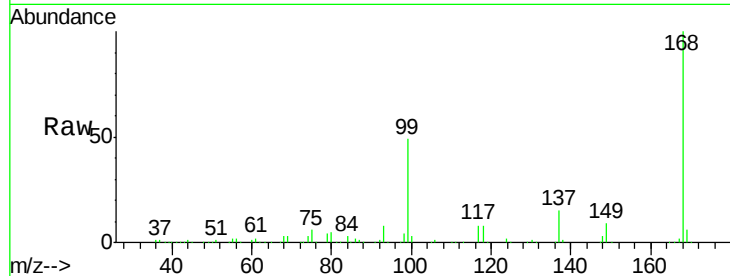
VX0510MBS01

Tgt Ion:168 Resp: 233674

Ion Ratio Lower Upper

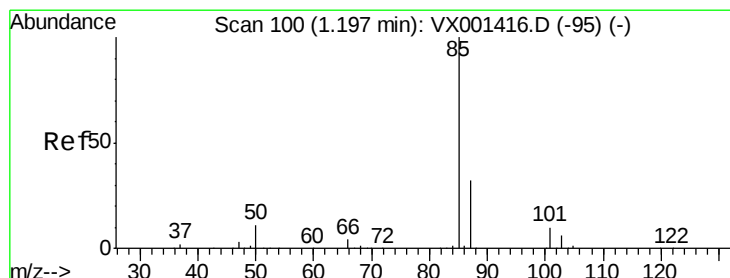
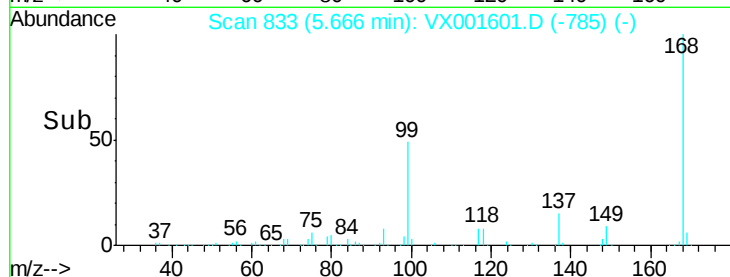
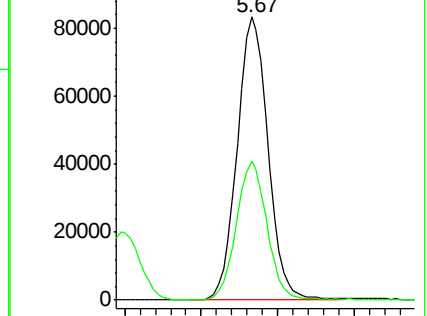
168 100

99 49.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001601.D

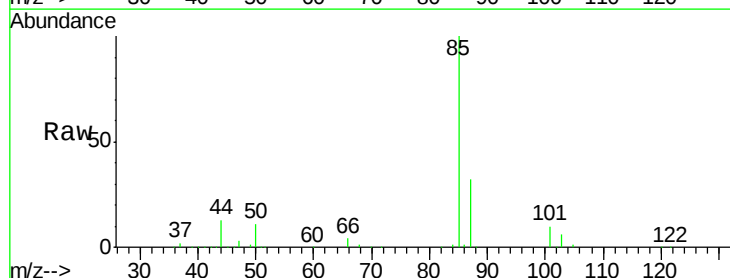
Acq: 10 May 2018 14:49

Tgt Ion: 85 Resp: 63979

Ion Ratio Lower Upper

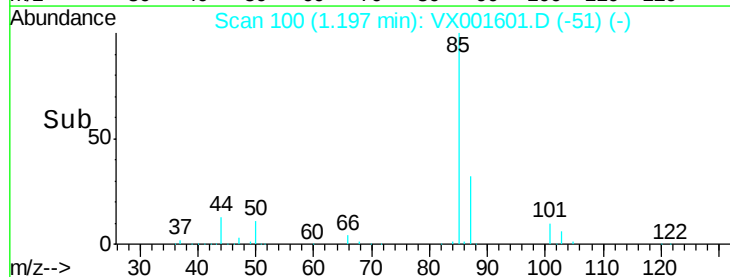
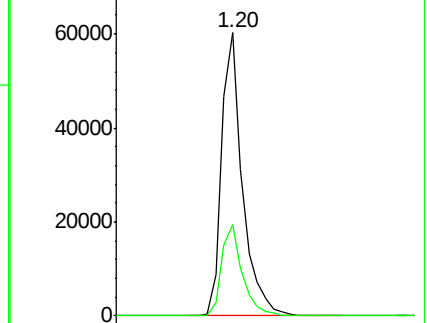
85 100

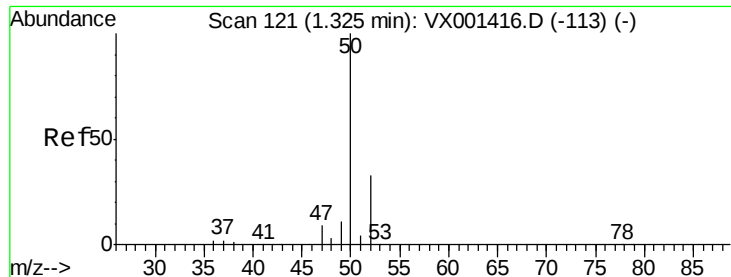
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

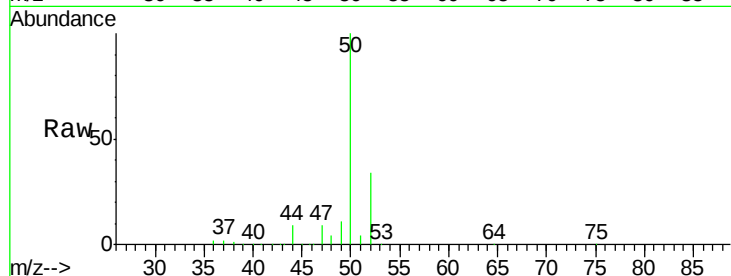
VX0510MBS01

Tgt Ion: 50 Resp: 58406

Ion Ratio Lower Upper

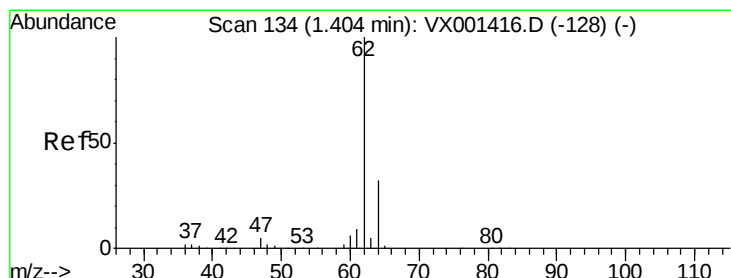
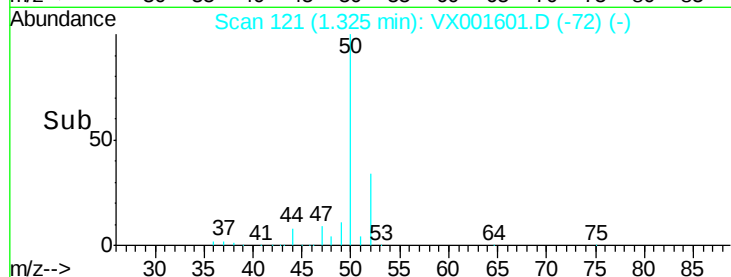
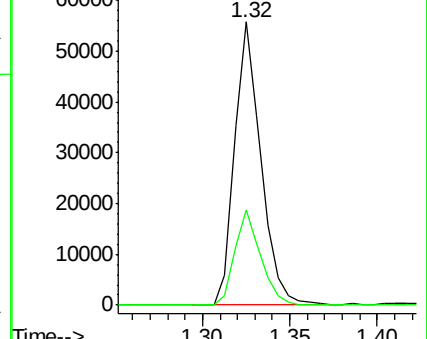
50 100

52 33.8 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: 19.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001601.D

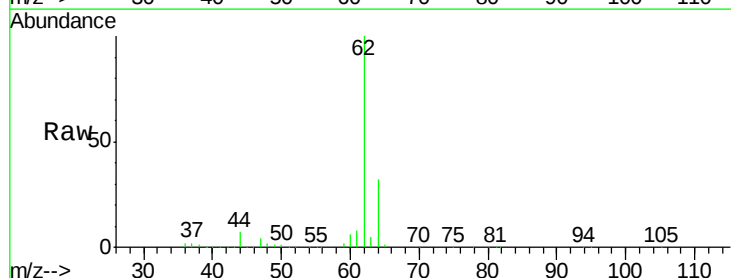
Acq: 10 May 2018 14:49

Tgt Ion: 62 Resp: 62640

Ion Ratio Lower Upper

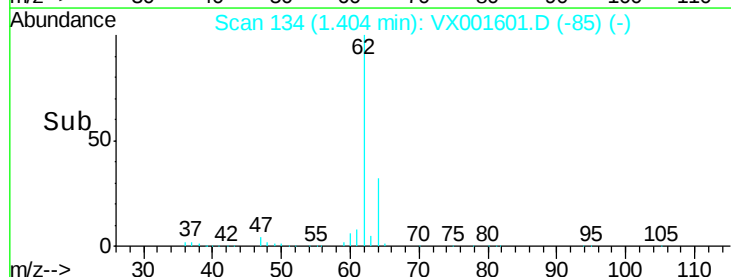
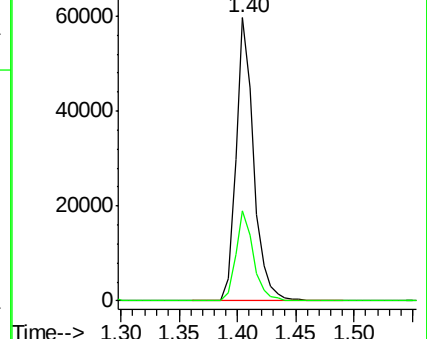
62 100

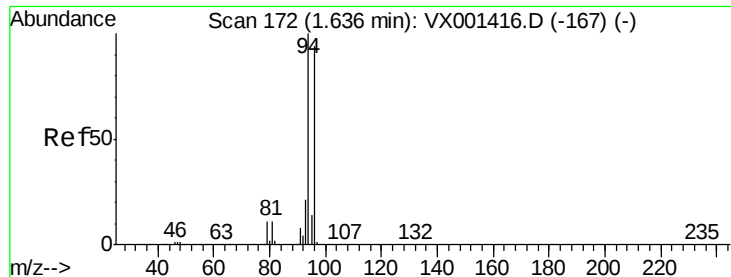
64 32.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

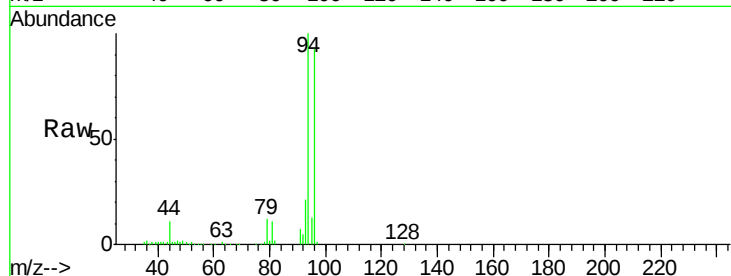
VX0510MBS01

Tgt Ion: 94 Resp: 33926

Ion Ratio Lower Upper

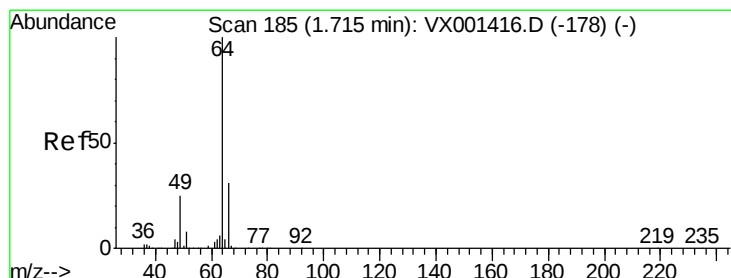
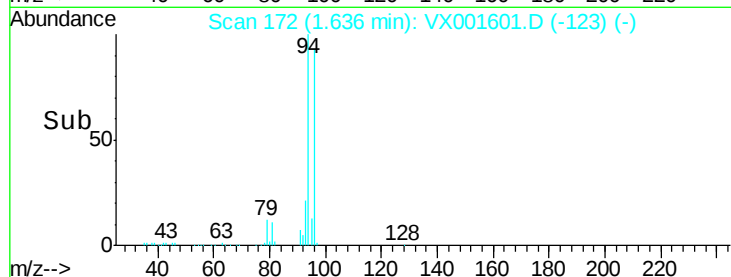
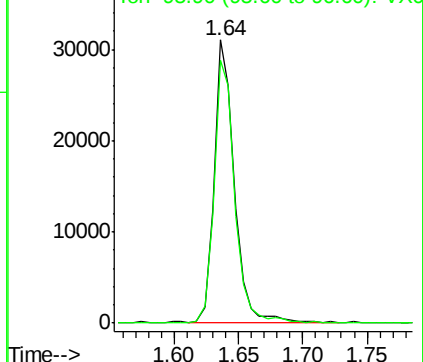
94 100

96 93.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.40 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001601.D

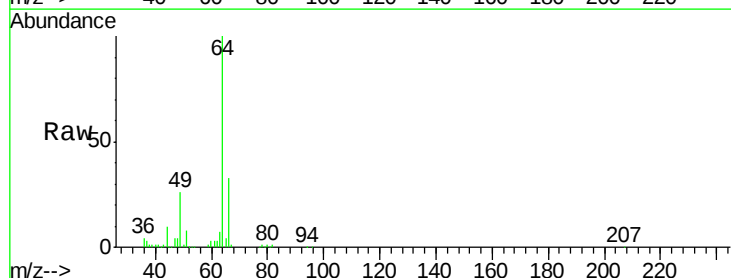
Acq: 10 May 2018 14:49

Tgt Ion: 64 Resp: 41006

Ion Ratio Lower Upper

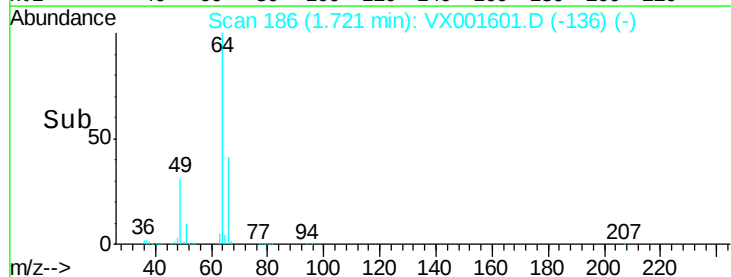
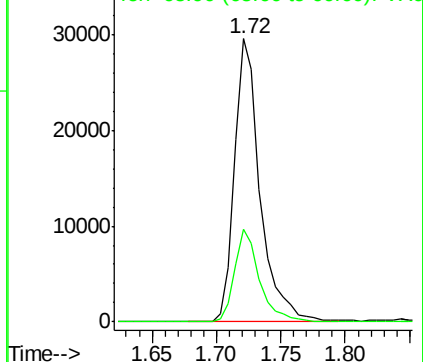
64 100

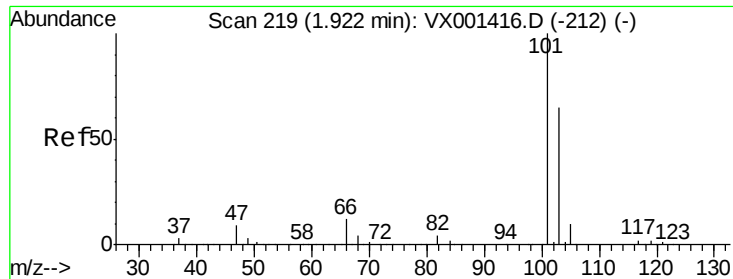
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



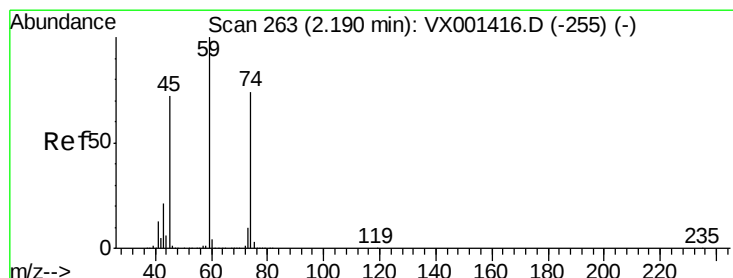
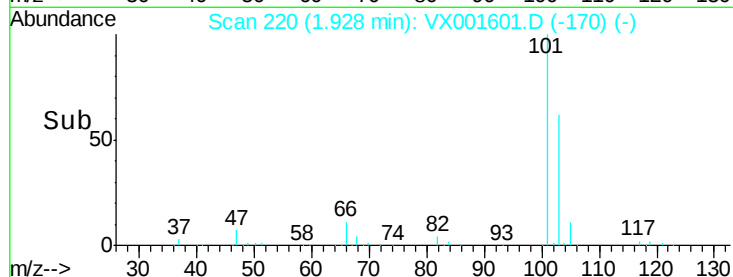
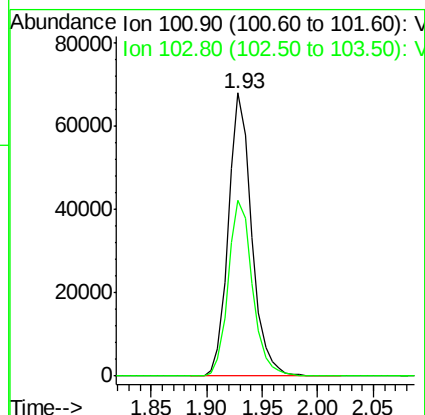
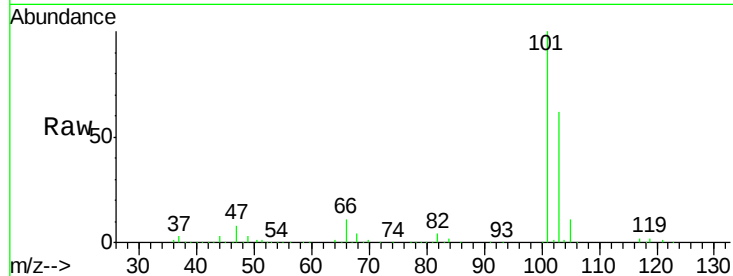


#7

Trichlorofluoromethane
 Concen: 20.48 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

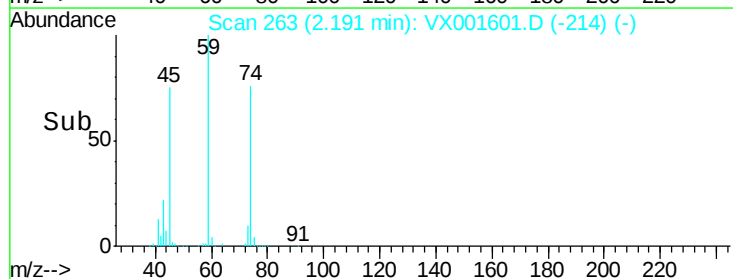
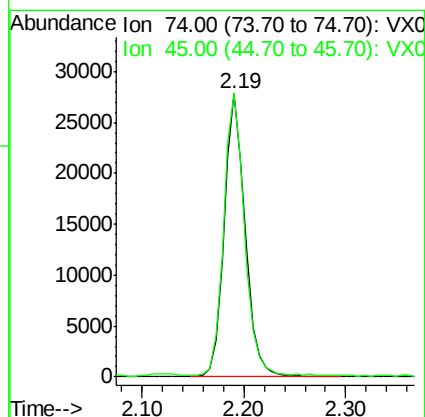
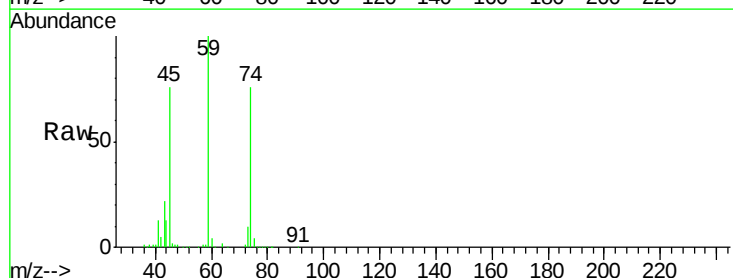
Tgt Ion:101 Resp: 98546
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.0 78.0

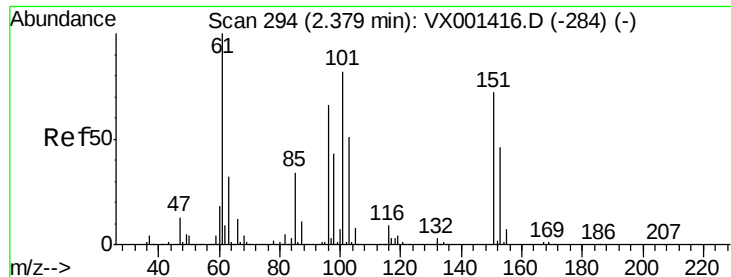


#8

Diethyl Ether
 Concen: 21.07 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 74 Resp: 39744
 Ion Ratio Lower Upper
 74 100
 45 98.7 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

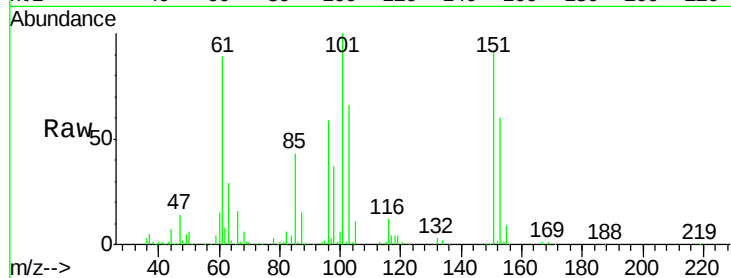
Tgt Ion:101 Resp: 59054

Ion Ratio Lower Upper

101 100

85 43.5 33.7 50.5

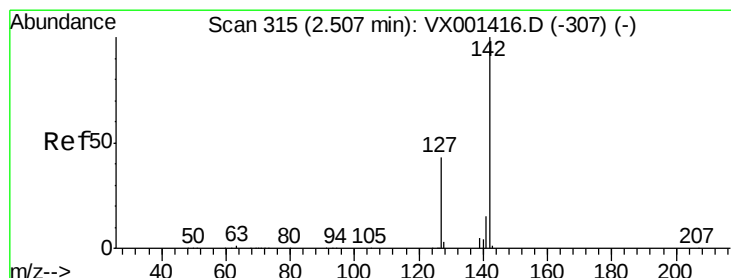
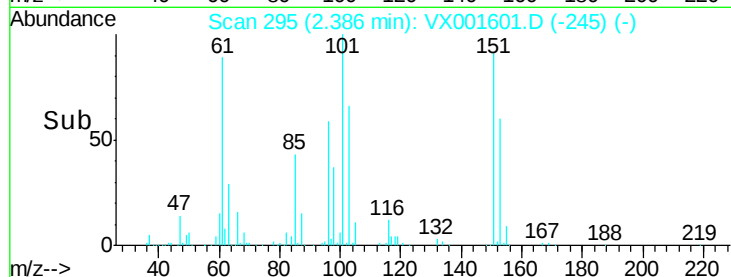
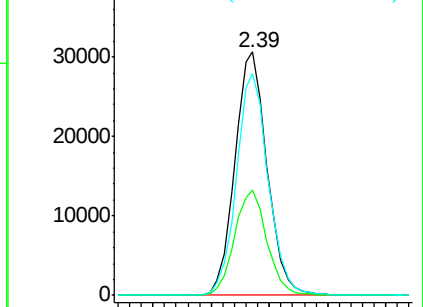
151 90.2 72.3 108.5



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: 16.88 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

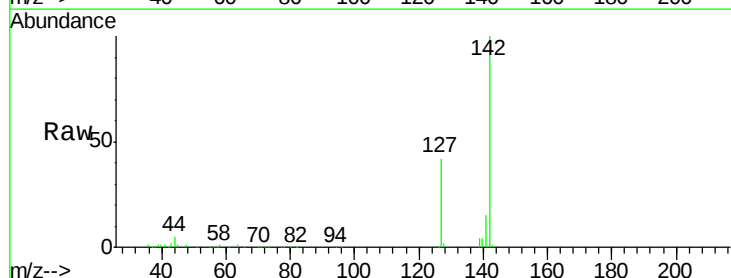
Tgt Ion:142 Resp: 68727

Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

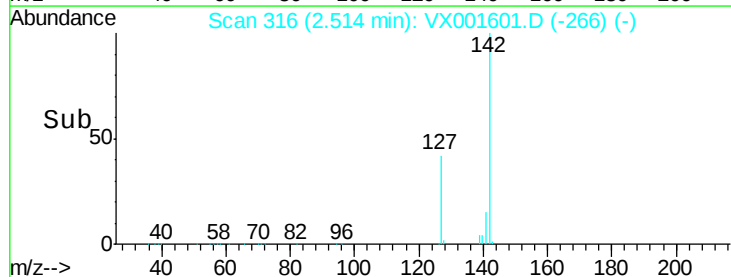
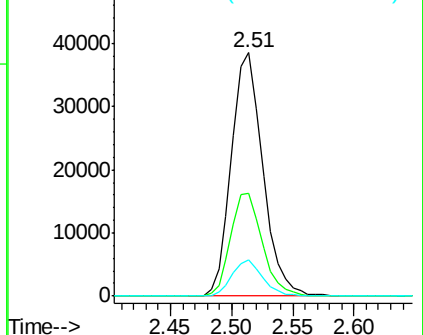
141 14.3 11.4 17.2

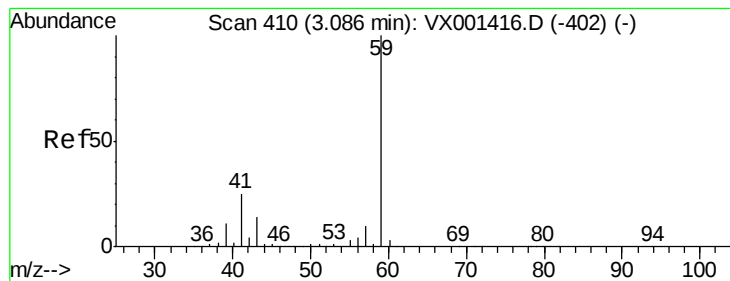


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



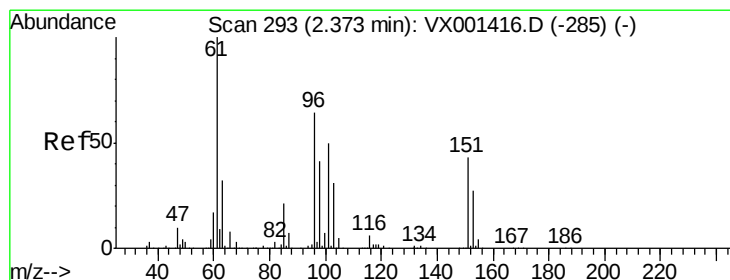
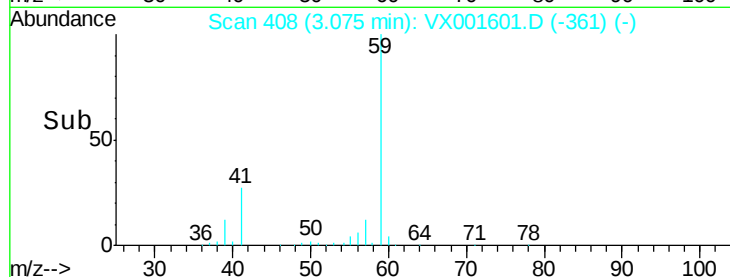
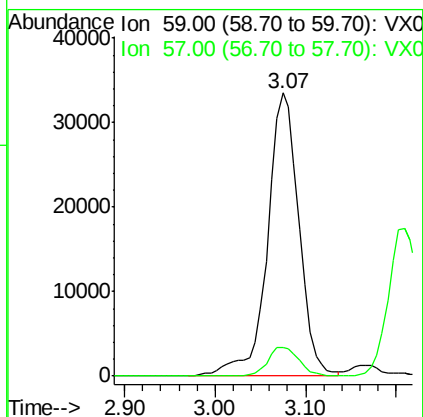
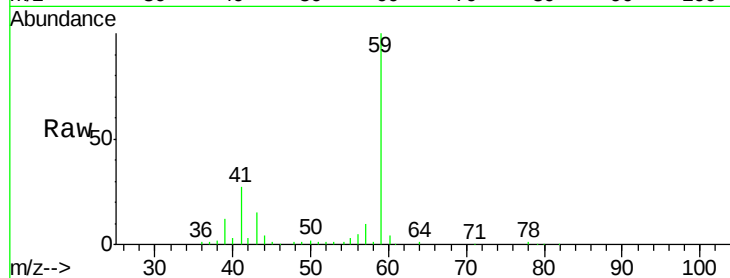


#11

Tert butyl alcohol
 Concen: 113.97 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

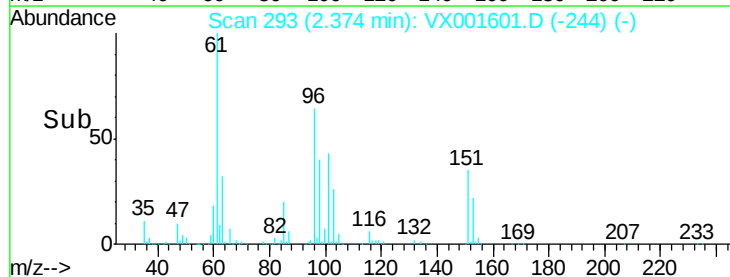
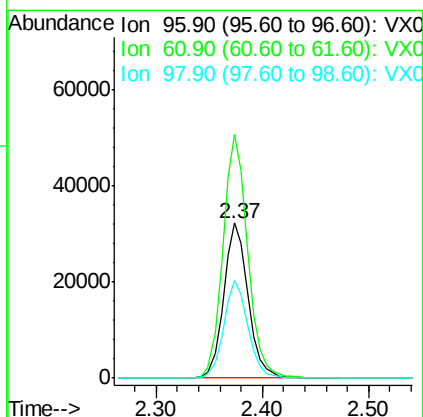
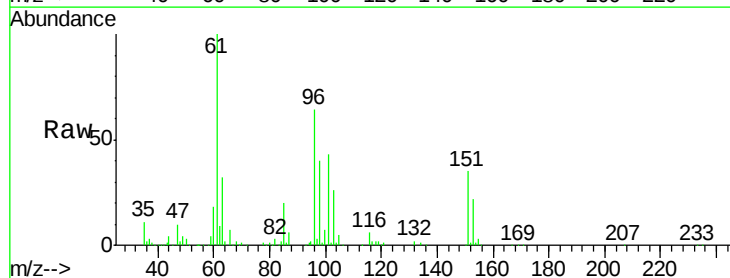
Tgt Ion: 59 Resp: 80702
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

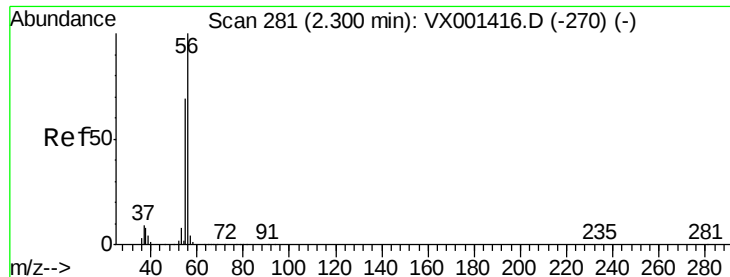


#12

1,1-Dichloroethene
 Concen: 19.92 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 96 Resp: 51496
 Ion Ratio Lower Upper
 96 100
 61 157.3 125.7 188.5
 98 63.3 52.0 78.0





#13

Acrolein

Concen: 78.57 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

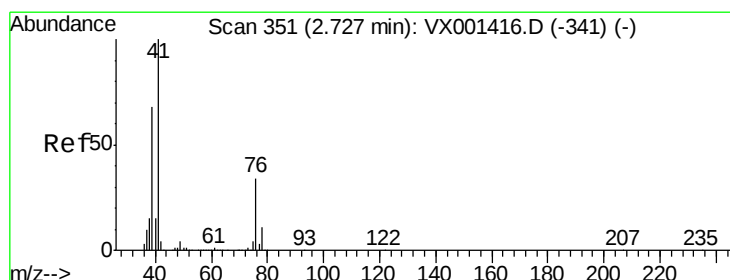
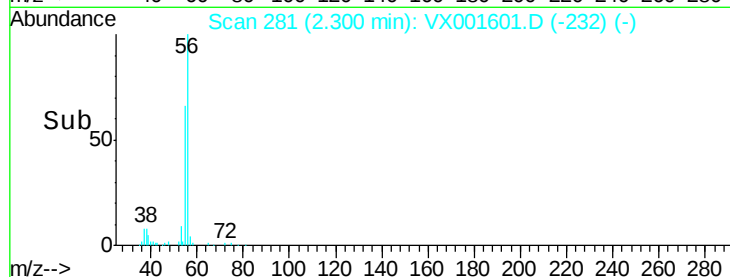
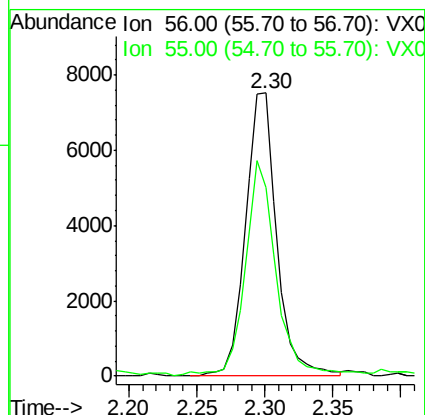
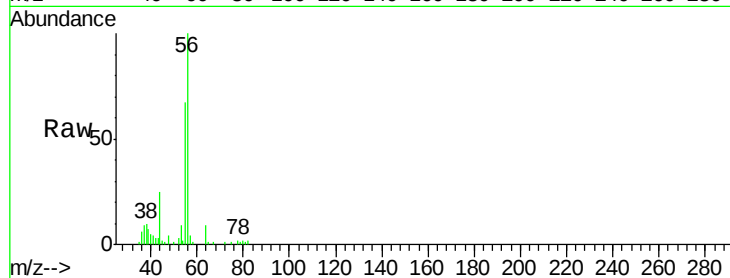
VX0510MBS01

Tgt Ion: 56 Resp: 12085

Ion Ratio Lower Upper

56 100

55 76.2 54.5 81.7



#14

Allyl chloride

Concen: 20.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

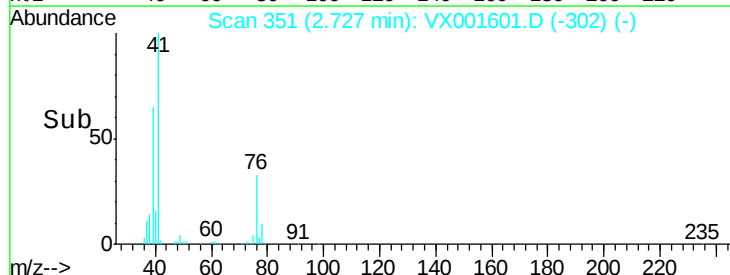
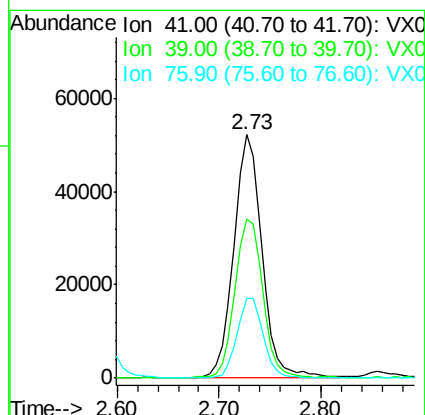
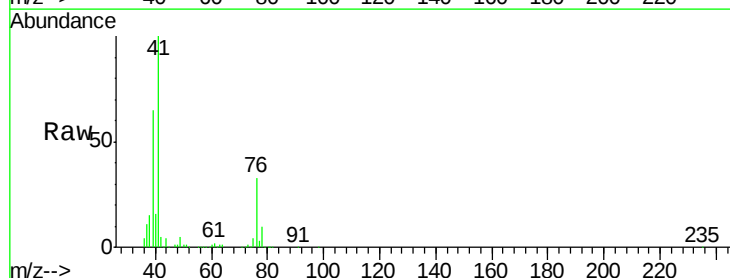
Tgt Ion: 41 Resp: 98765

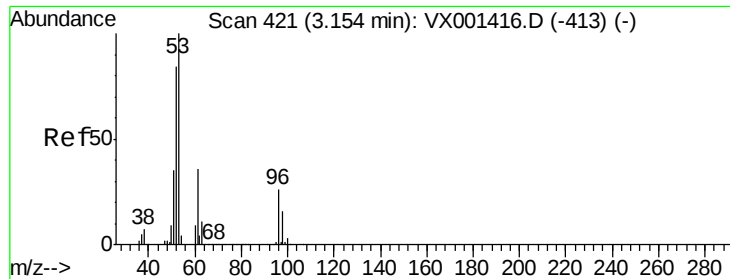
Ion Ratio Lower Upper

41 100

39 64.4 52.4 78.6

76 31.0 25.8 38.6





#15

Acrylonitrile

Concen: 107.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

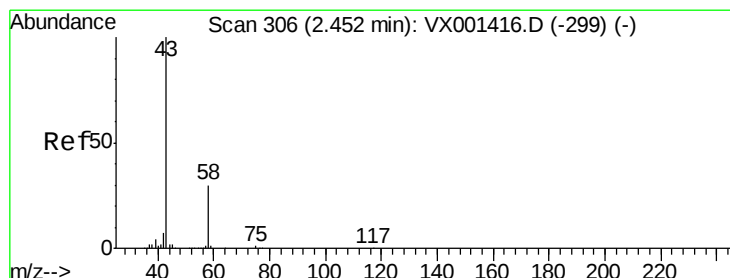
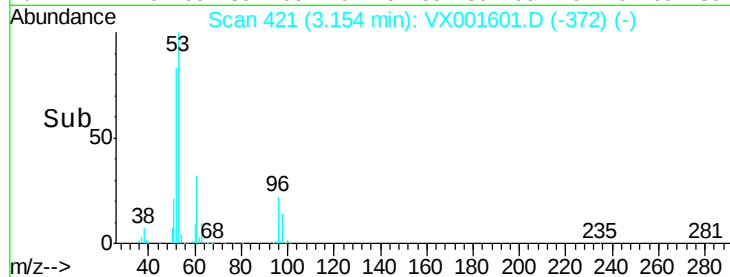
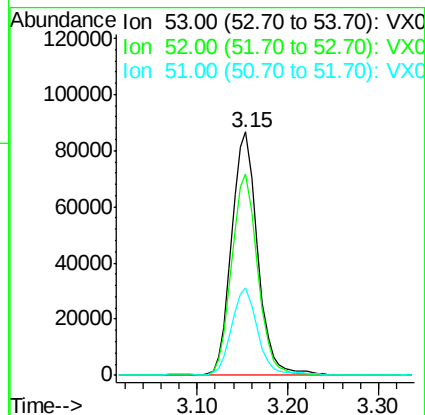
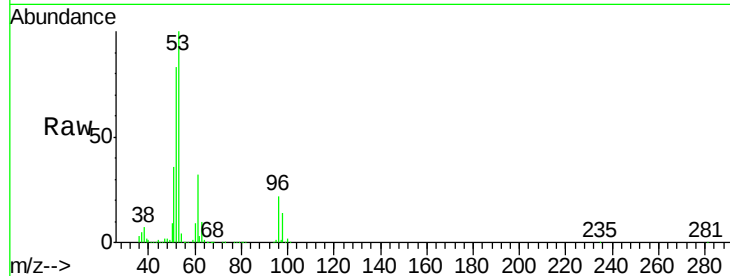
Tgt Ion: 53 Resp: 171365

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

51 36.4 28.6 43.0



#16

Acetone

Concen: 109.73 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001601.D

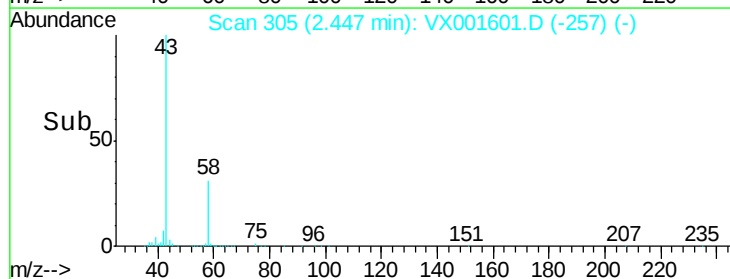
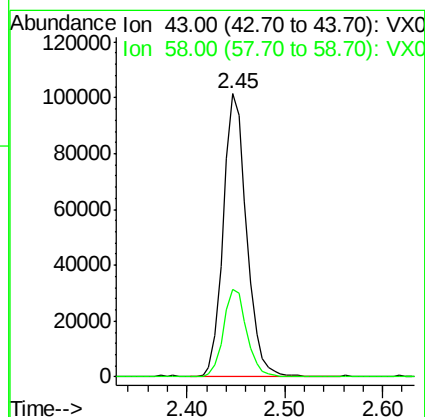
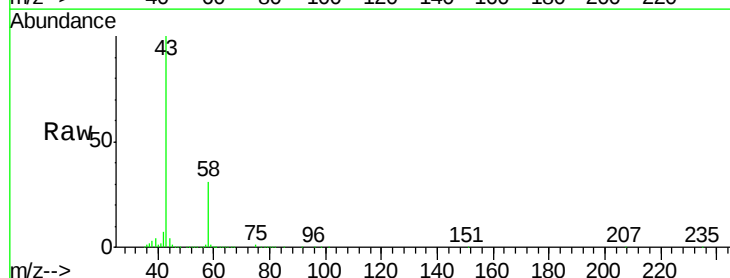
Acq: 10 May 2018 14:49

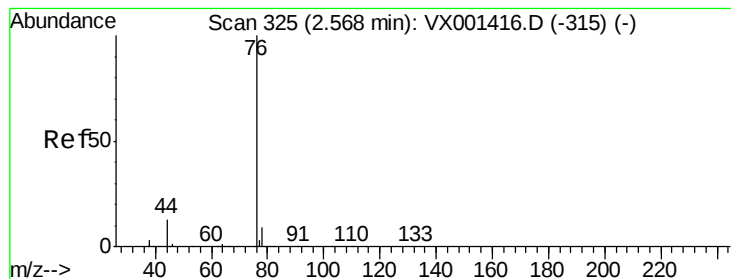
Tgt Ion: 43 Resp: 167351

Ion Ratio Lower Upper

43 100

58 30.8 23.8 35.8





#17

Carbon Disulfide

Concen: 17.64 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

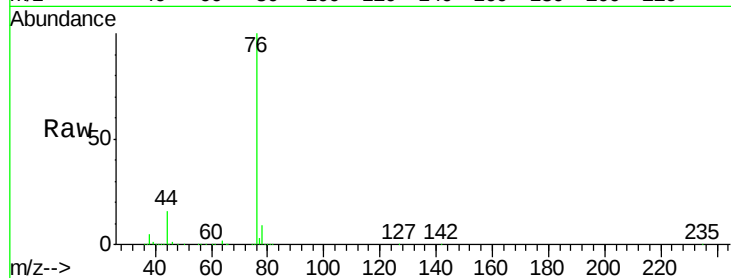
VX0510MBS01

Tgt Ion: 76 Resp: 116089

Ion Ratio Lower Upper

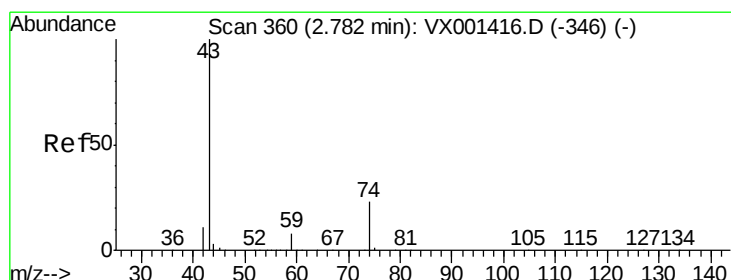
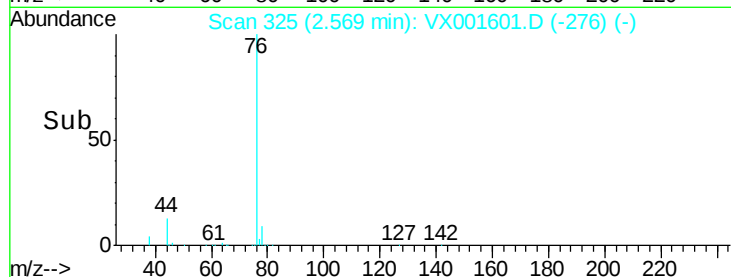
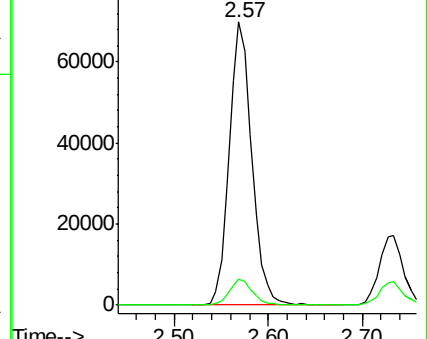
76 100

78 8.9 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: 23.74 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001601.D

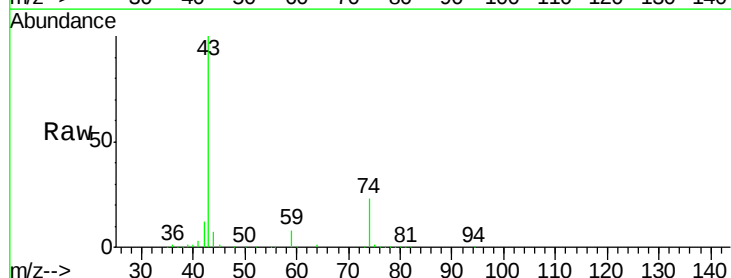
Acq: 10 May 2018 14:49

Tgt Ion: 43 Resp: 95132

Ion Ratio Lower Upper

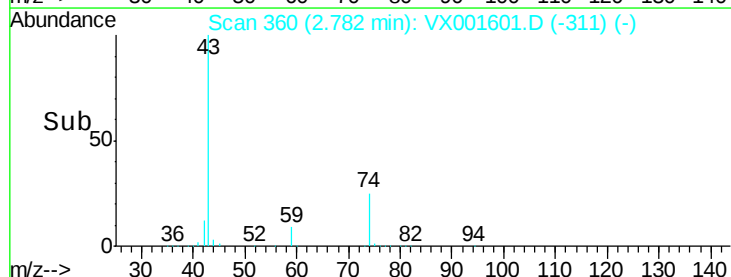
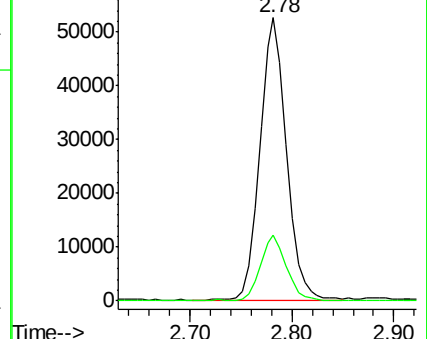
43 100

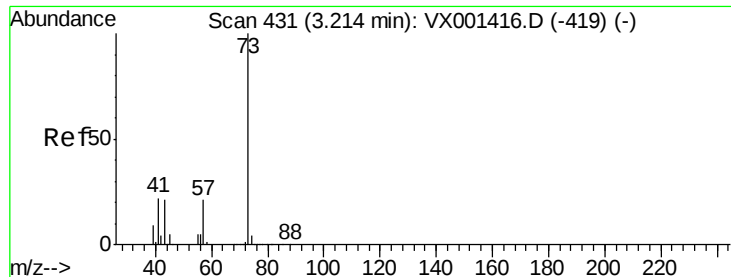
74 22.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

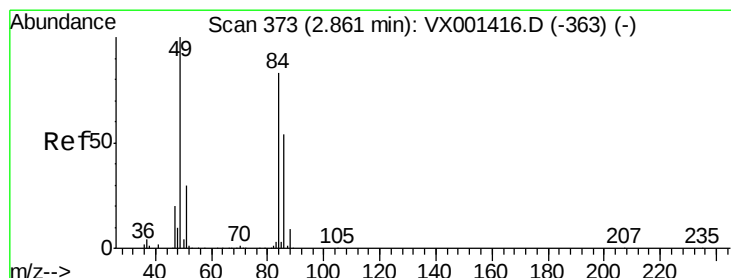
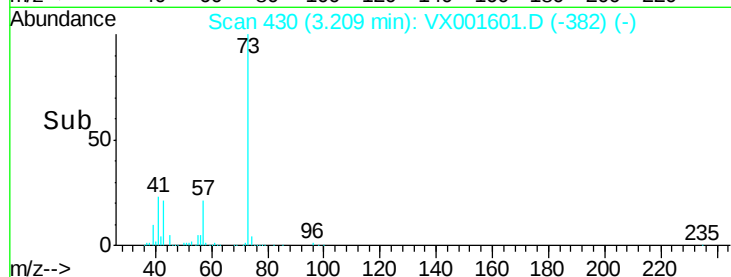
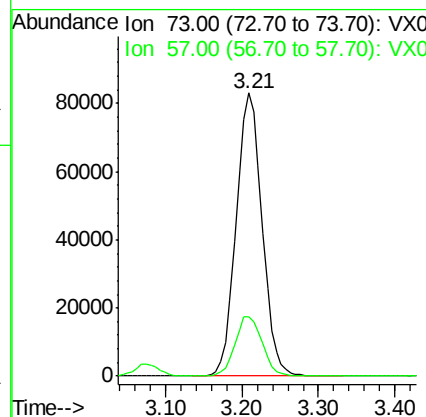
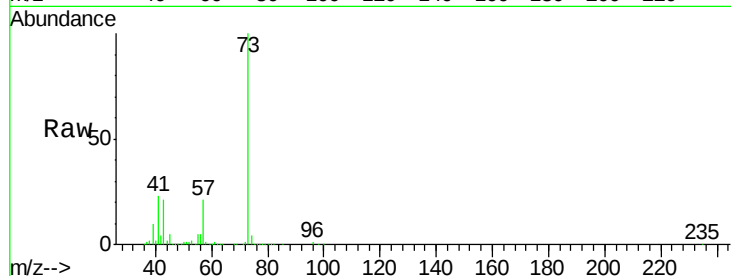




#19
Methyl tert-butyl Ether
Concen: 21.62 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

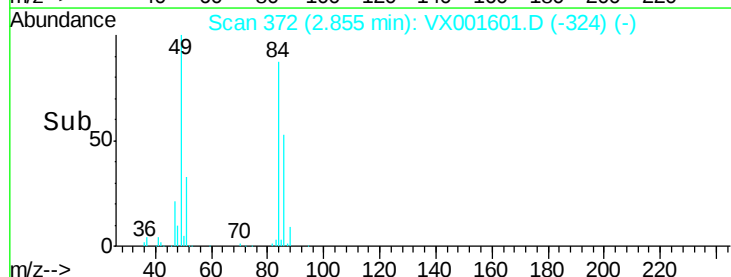
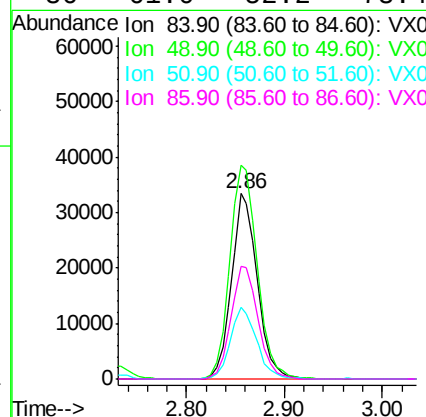
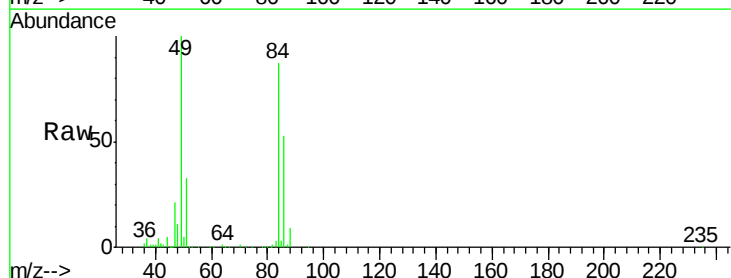
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

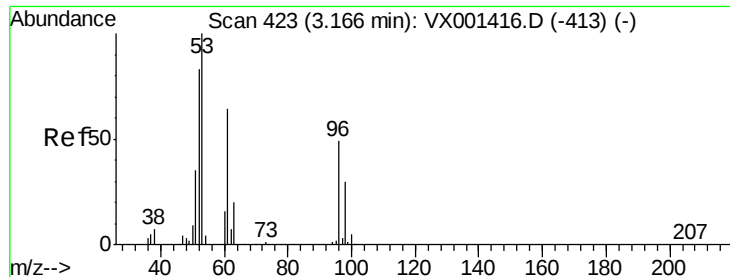
Tgt Ion: 73 Resp: 194630
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6



#20
Methylene Chloride
Concen: 20.14 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion: 84 Resp: 60818
Ion Ratio Lower Upper
84 100
49 115.2 96.6 144.8
51 38.5 29.0 43.4
86 61.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

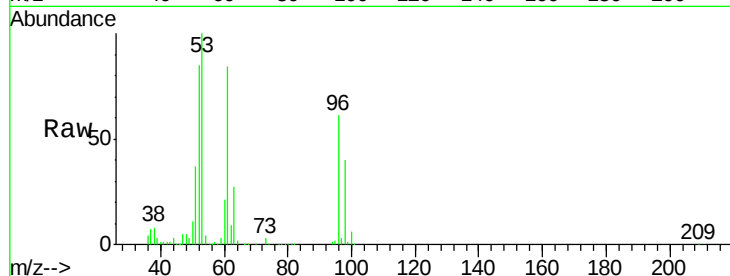
Tgt Ion: 96 Resp: 54678

Ion Ratio Lower Upper

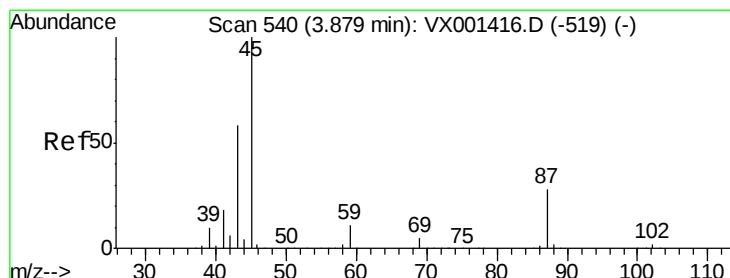
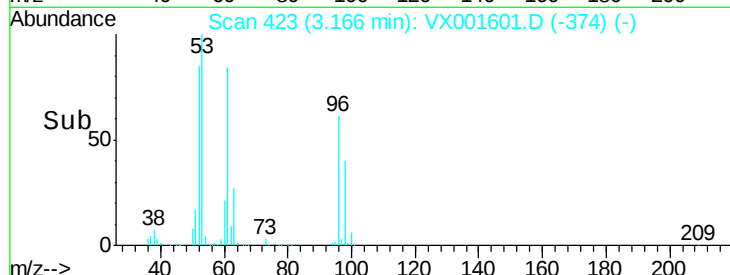
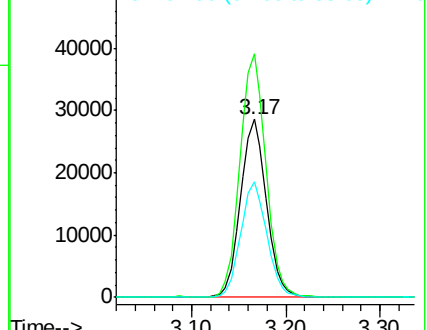
96 100

61 136.5 105.0 157.4

98 65.0 49.9 74.9



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



#22

Diisopropyl ether

Concen: 20.58 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Tgt Ion: 45 Resp: 185356

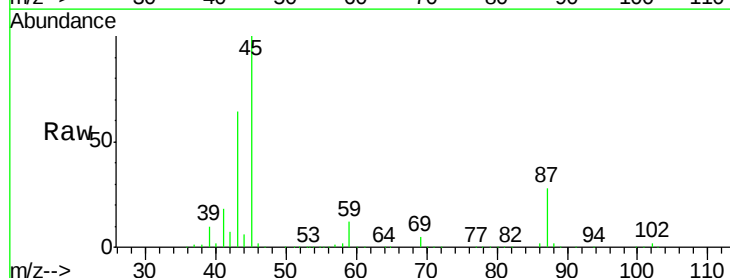
Ion Ratio Lower Upper

45 100

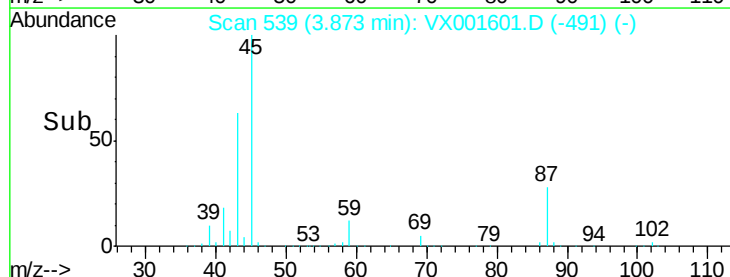
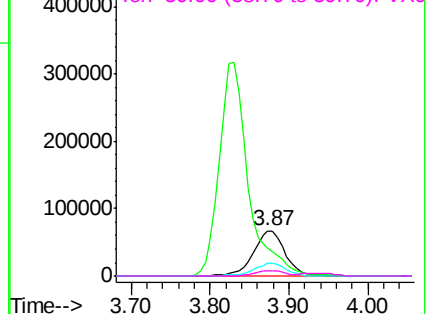
43 62.7 46.5 69.7

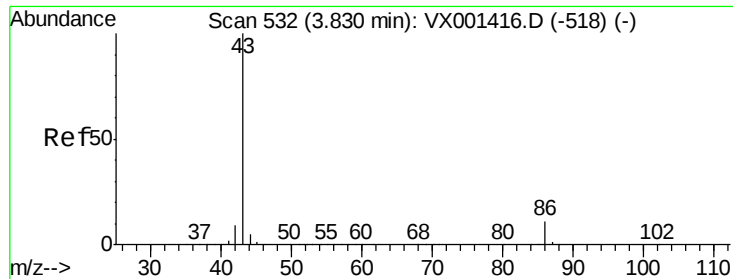
87 28.0 22.6 34.0

59 11.6 9.1 13.7



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





#23

Vinyl Acetate

Concen: 109.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

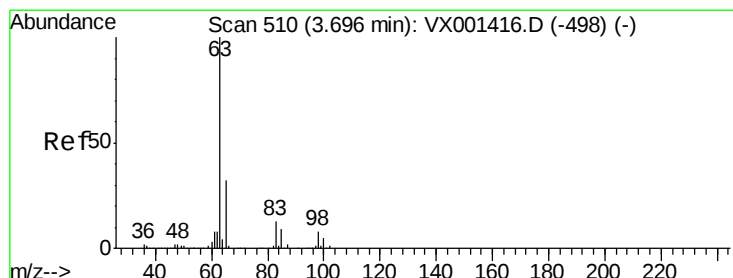
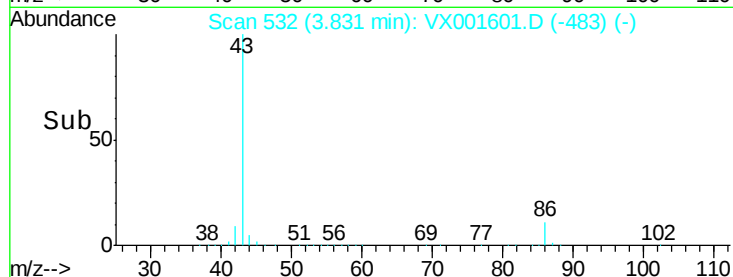
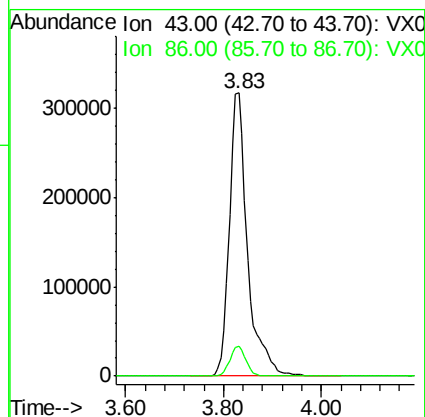
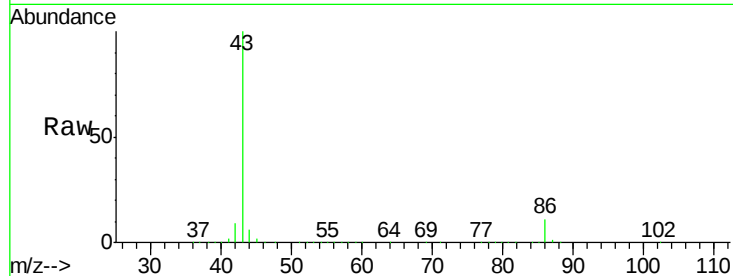
VX0510MBS01

Tgt Ion: 43 Resp: 819883

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.09 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

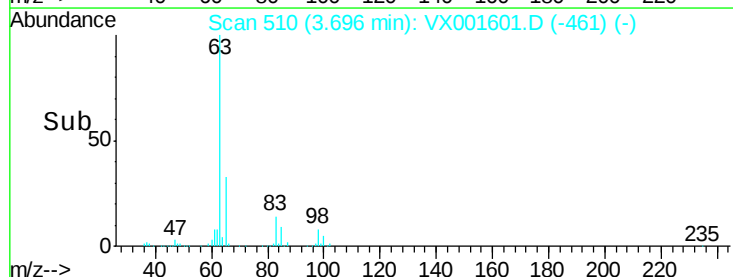
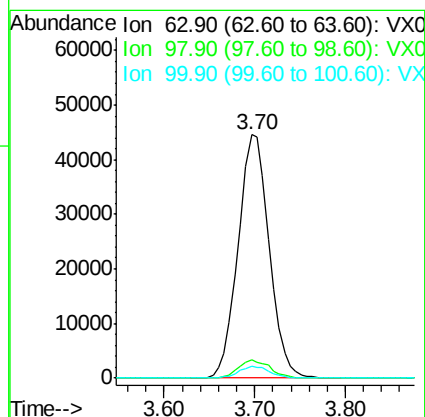
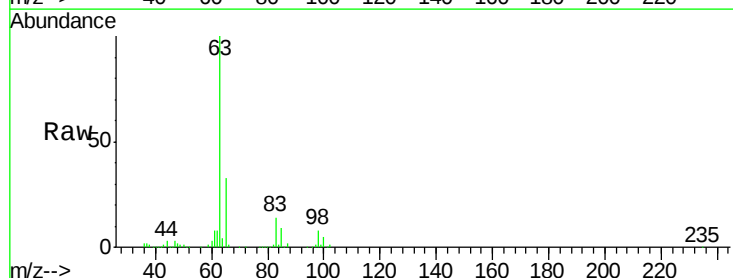
Tgt Ion: 63 Resp: 106141

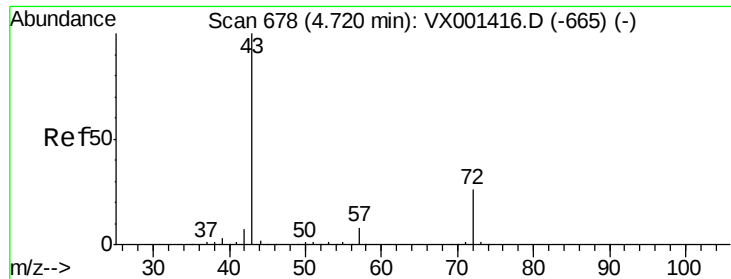
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 109.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

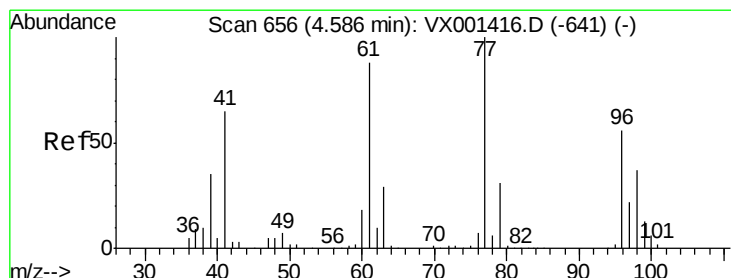
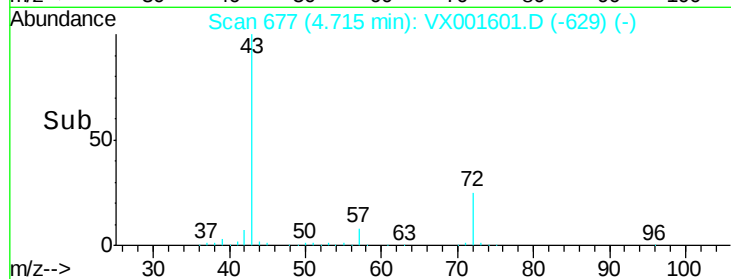
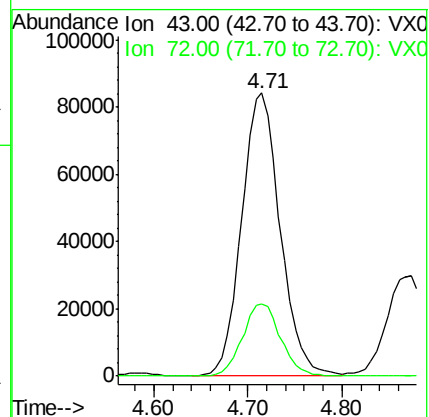
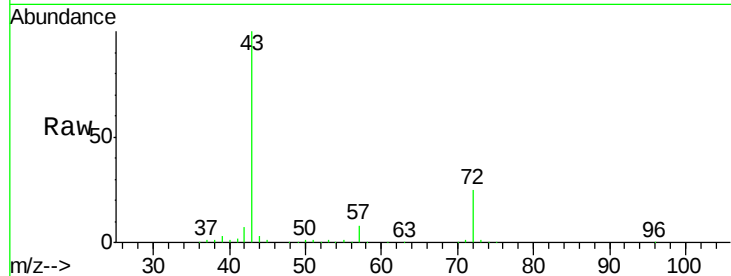
VX0510MBS01

Tgt Ion: 43 Resp: 240388

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



#26

2,2-Dichloropropane

Concen: 20.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001601.D

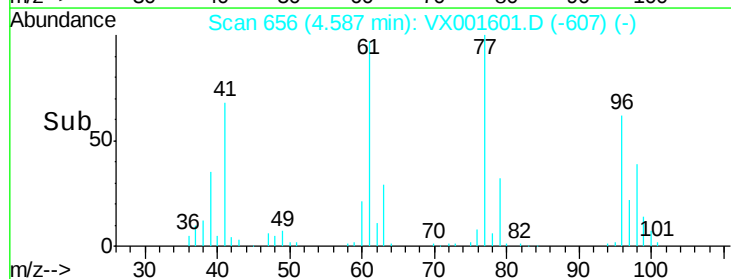
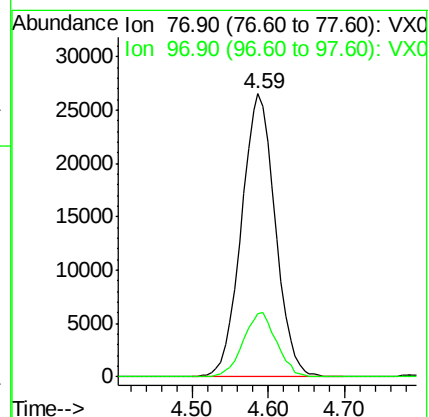
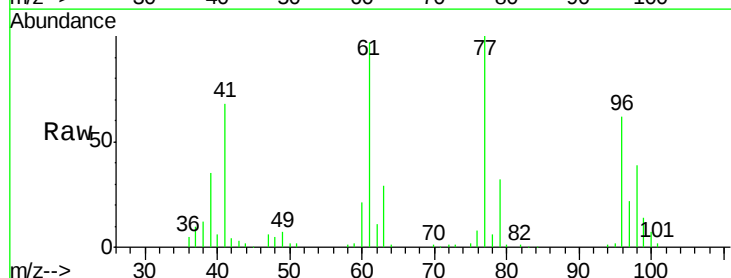
Acq: 10 May 2018 14:49

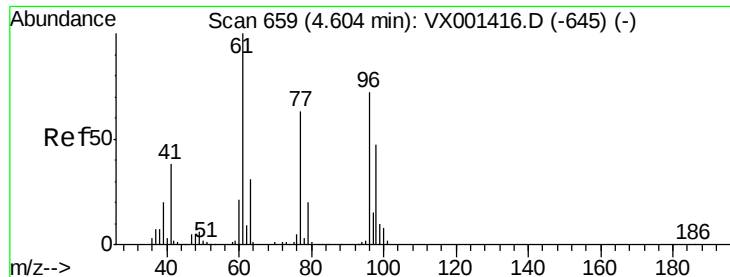
Tgt Ion: 77 Resp: 81491

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.51 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

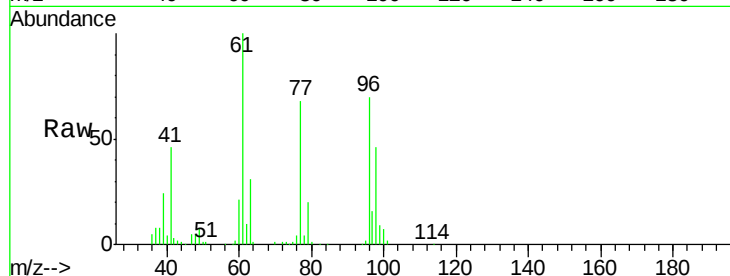
Tgt Ion: 96 Resp: 63019

Ion Ratio Lower Upper

96 100

61 148.4 0.0 301.6

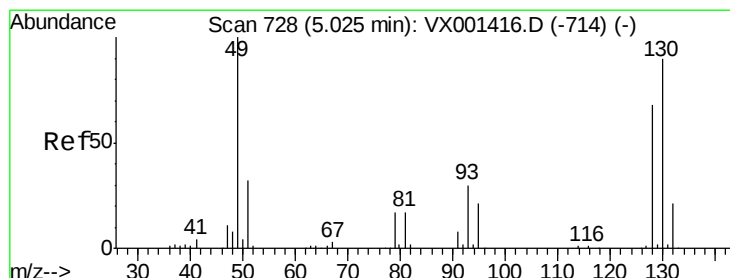
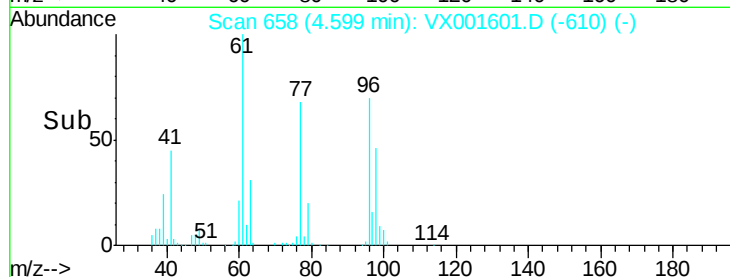
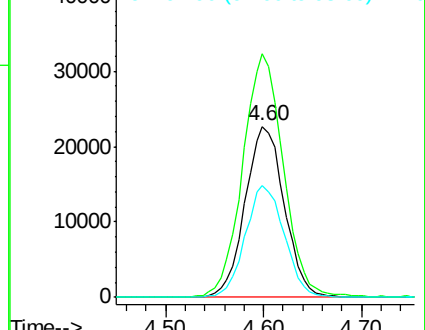
98 65.4 0.0 131.6



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: 21.70 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

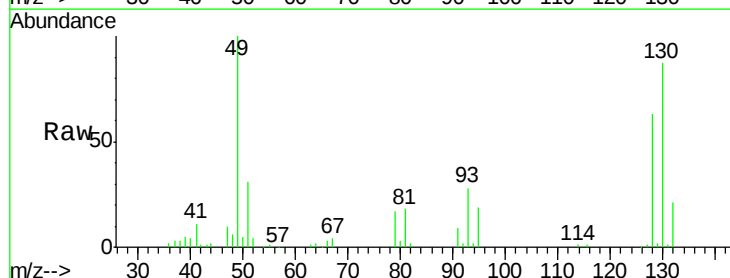
Tgt Ion: 49 Resp: 47346

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

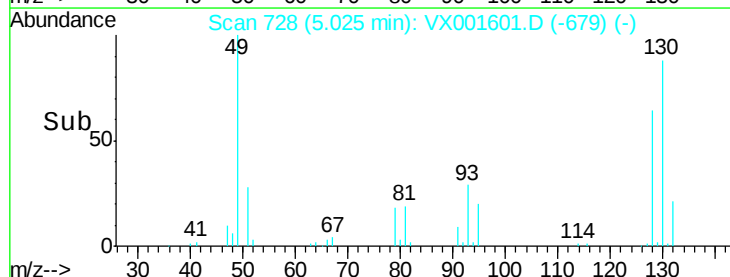
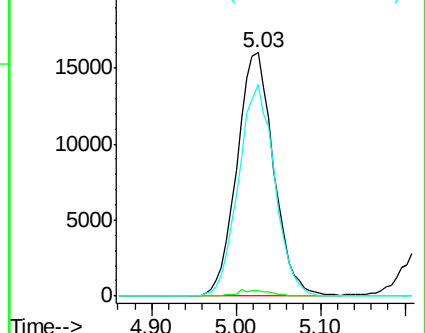
130 85.4 71.9 107.9

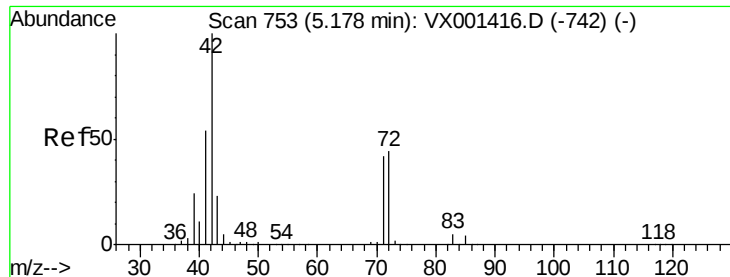


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.05 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

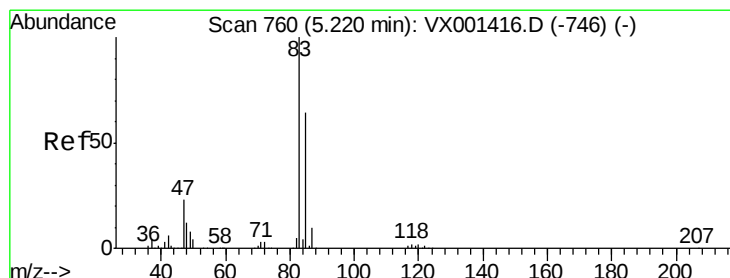
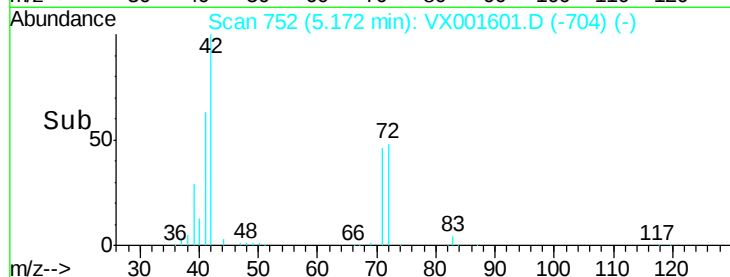
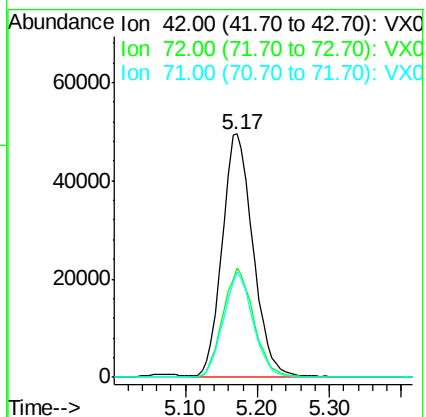
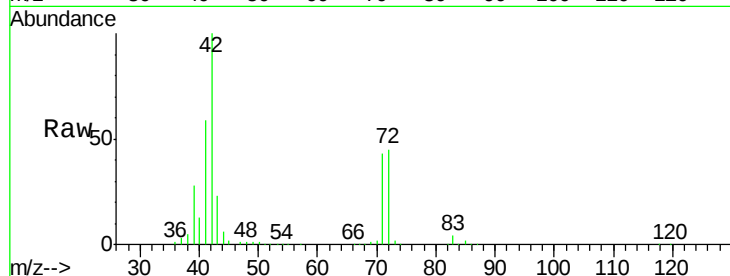
Tgt Ion: 42 Resp: 146768

Ion Ratio Lower Upper

42 100

72 45.1 35.4 53.2

71 42.1 33.0 49.4



#30

Chloroform

Concen: 21.61 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001601.D

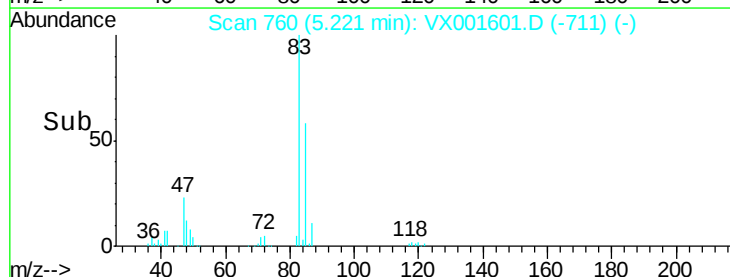
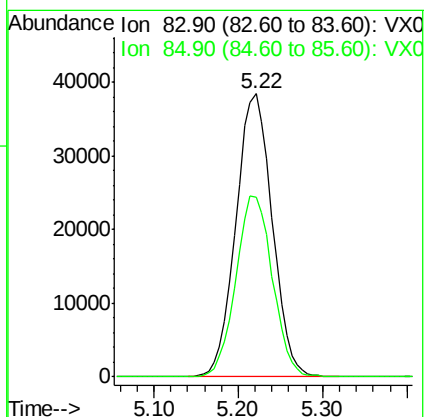
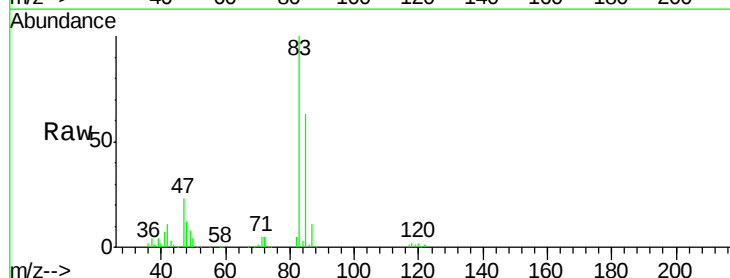
Acq: 10 May 2018 14:49

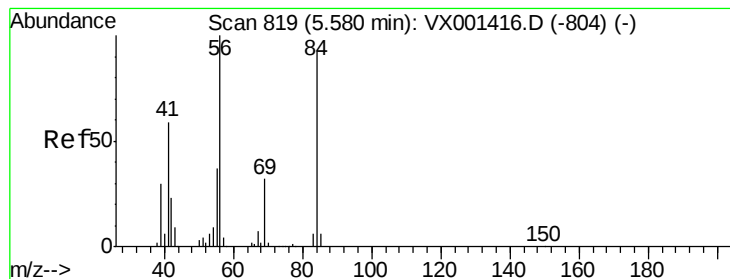
Tgt Ion: 83 Resp: 112022

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.4





#31

Cyclohexane

Concen: 19.76 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

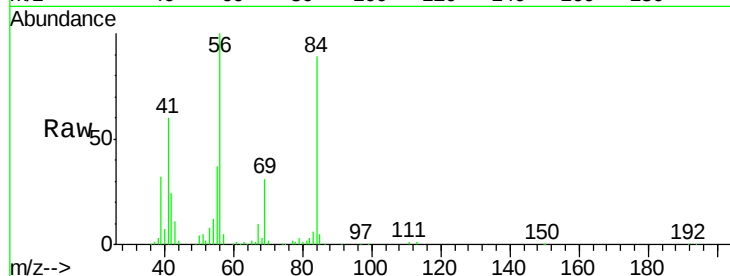
Tgt Ion: 56 Resp: 85396

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

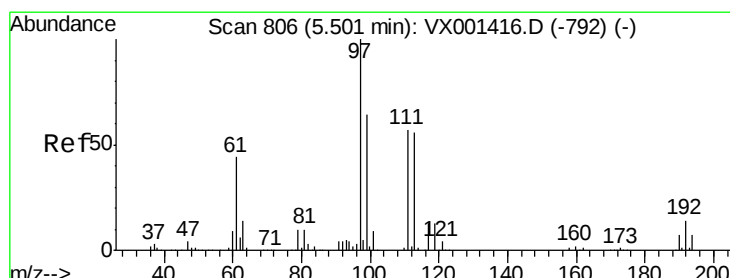
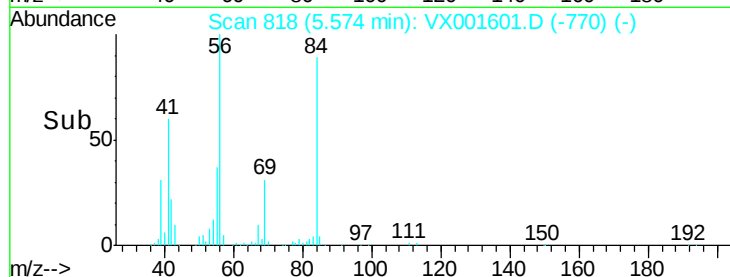
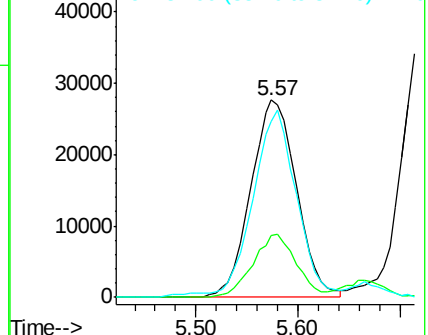
84 87.2 73.8 110.8



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: 20.97 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

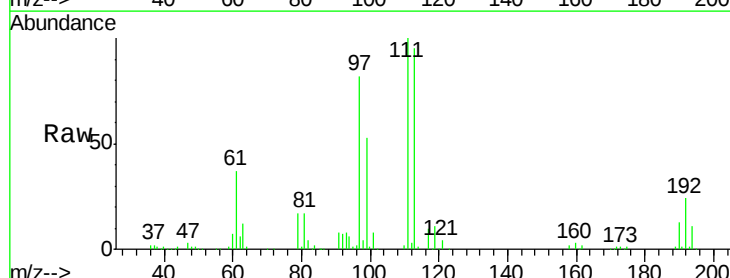
Tgt Ion: 97 Resp: 94989

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

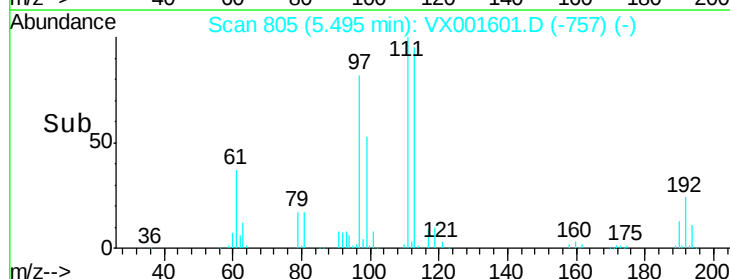
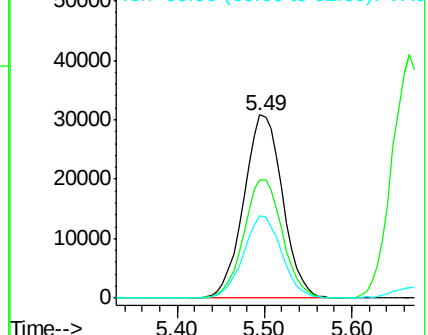
61 44.3 34.8 52.2

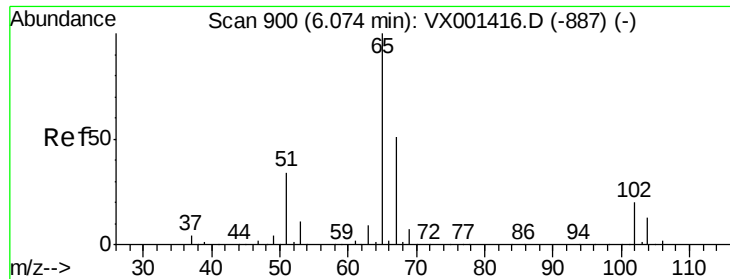


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

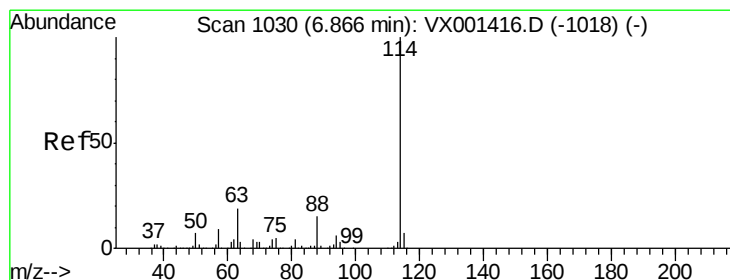
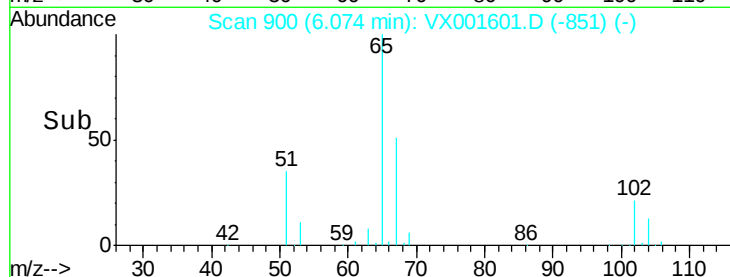
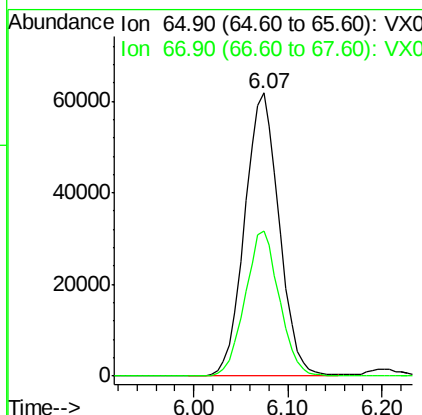
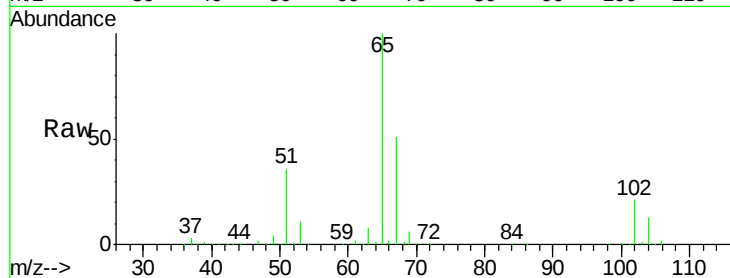




#33
 1,2-Dichloroethane-d4
 Concen: 47.16 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

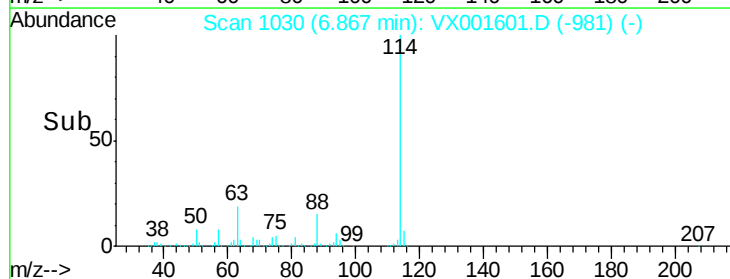
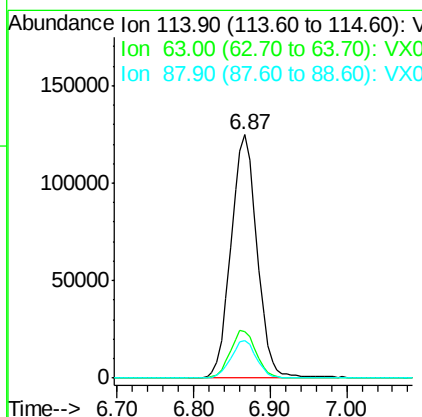
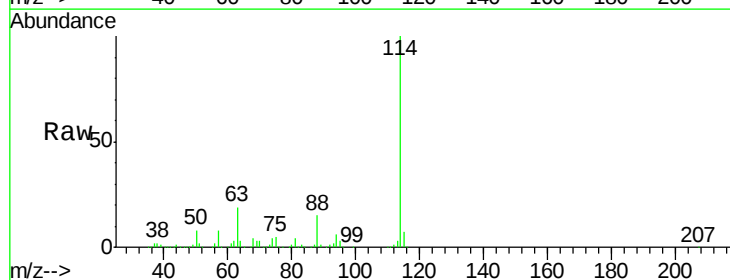
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Tgt Ion: 65 Resp: 158398
 Ion Ratio Lower Upper
 65 100
 67 50.9 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: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 114 Resp: 295374
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 30.8

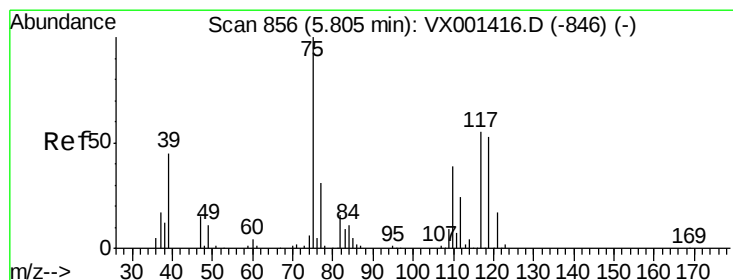
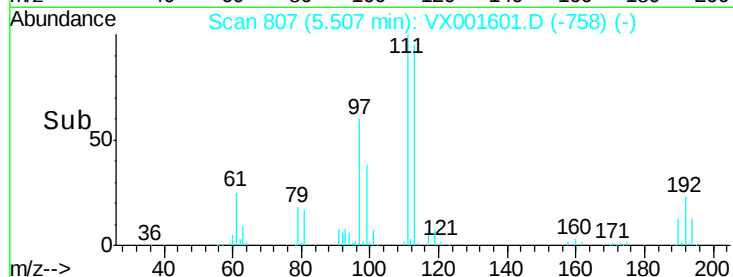
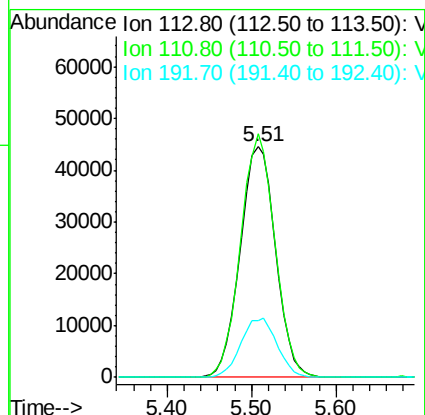
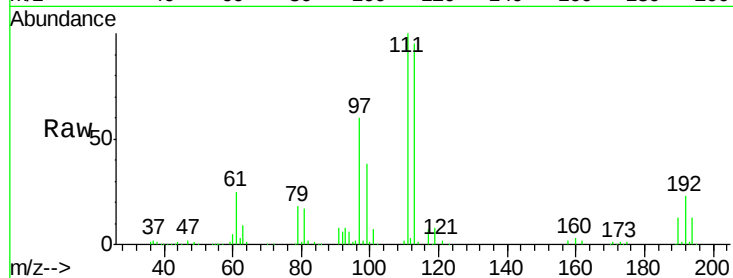




#35
 Dibromofluoromethane
 Concen: 48.31 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

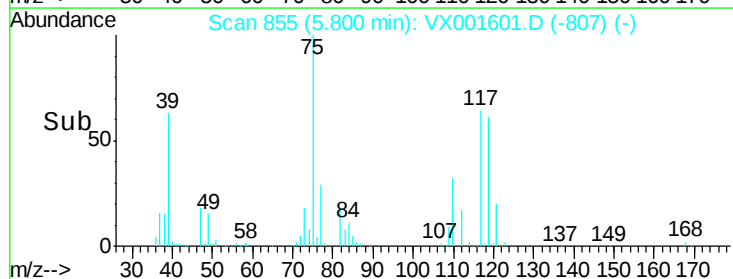
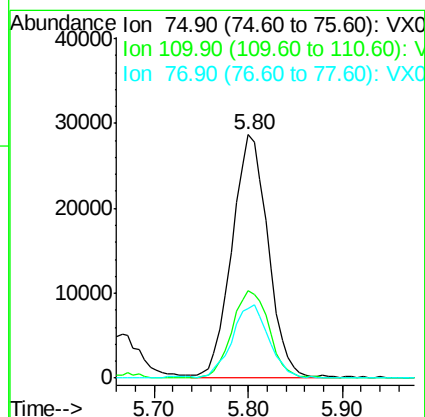
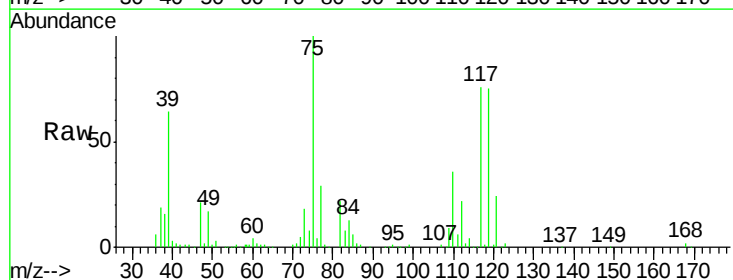
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

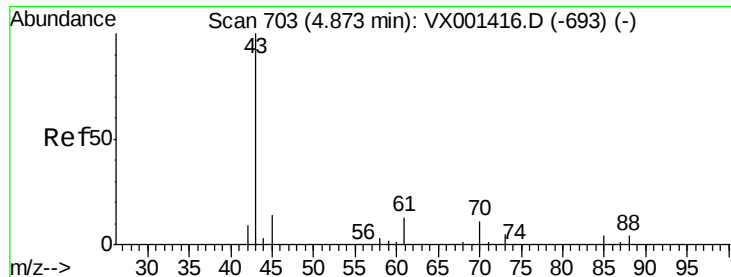
Tgt Ion:113 Resp: 126933
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 26.1 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 20.22 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 75 Resp: 75960
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.9 56.7
 77 30.7 24.9 37.3

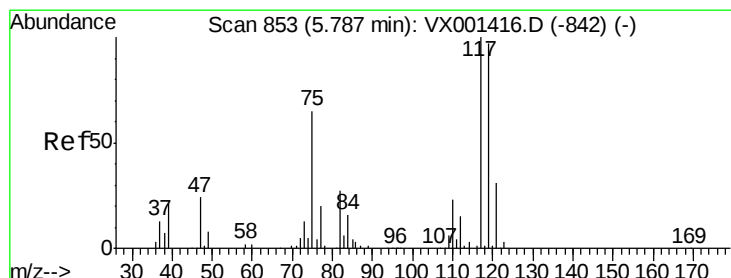
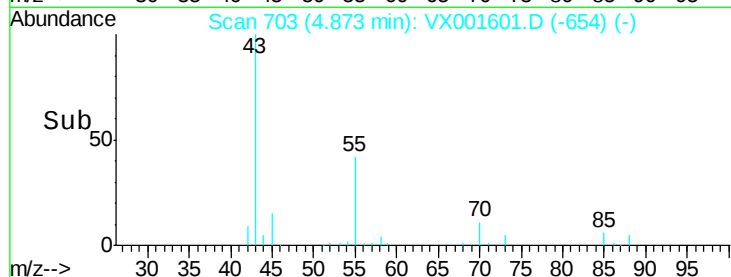
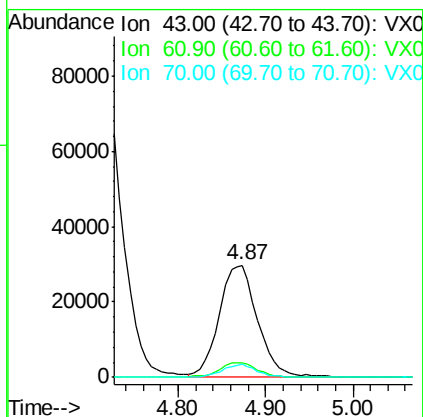
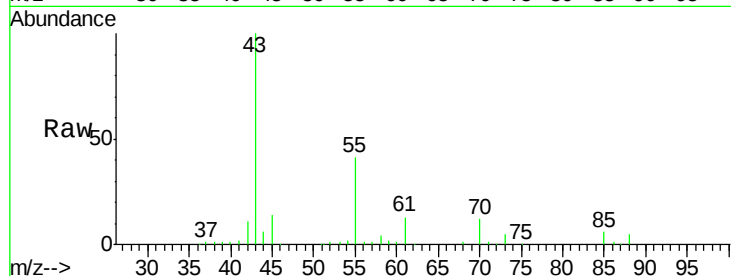




#37
Ethyl Acetate
Concen: 21.73 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

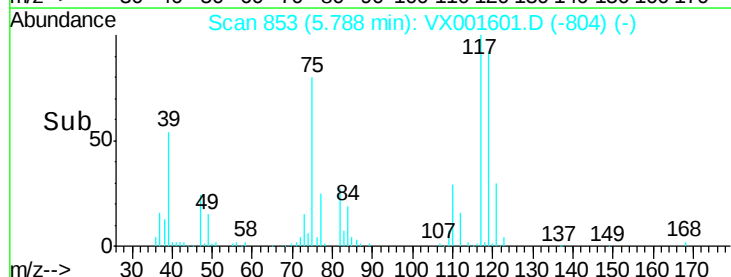
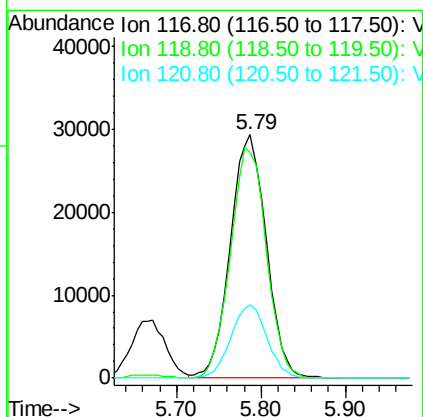
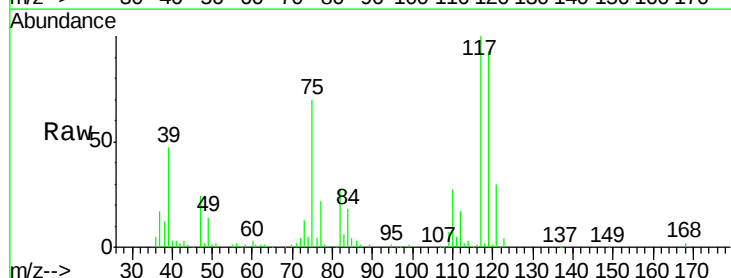
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

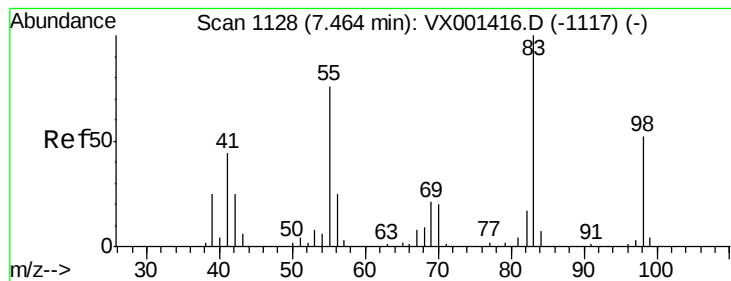
Tgt Ion: 43 Resp: 89500
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.18 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion: 117 Resp: 84882
Ion Ratio Lower Upper
117 100
119 92.6 77.0 115.6
121 30.0 25.1 37.7





#39

Methylcyclohexane

Concen: 20.43 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

VX0510MBS01

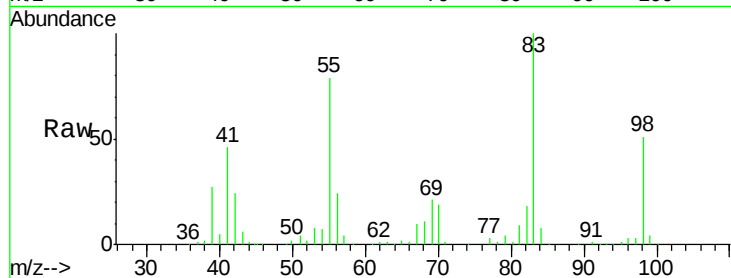
Tgt Ion: 83 Resp: 90769

Ion Ratio Lower Upper

83 100

55 79.5 60.9 91.3

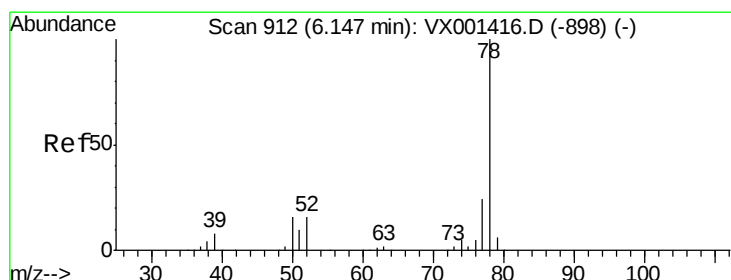
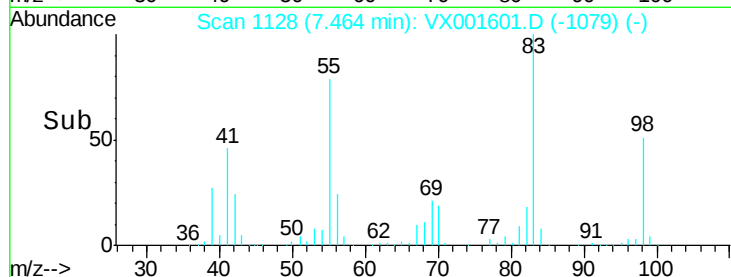
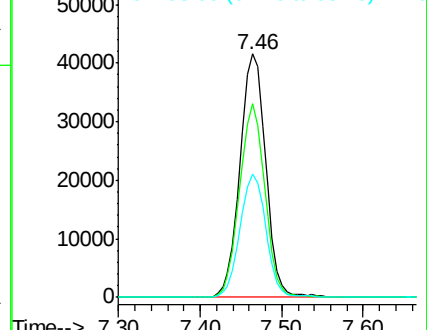
98 50.6 41.9 62.9



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: 21.15 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX001601.D

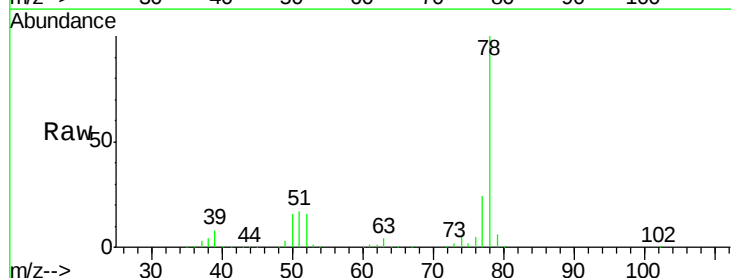
Acq: 10 May 2018 14:49

Tgt Ion: 78 Resp: 232128

Ion Ratio Lower Upper

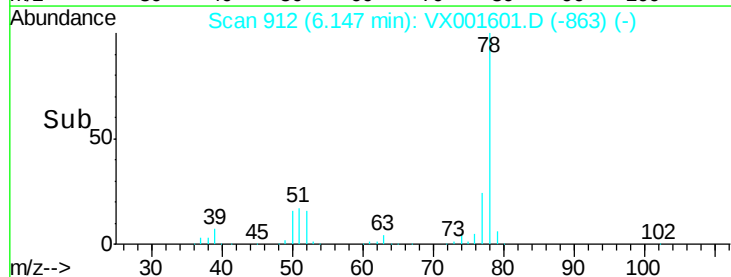
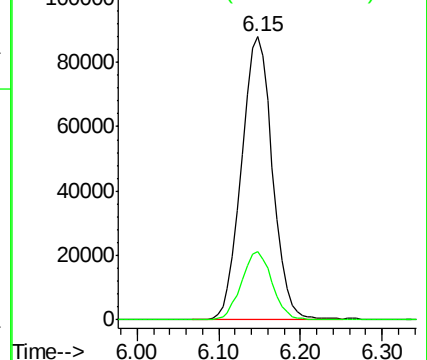
78 100

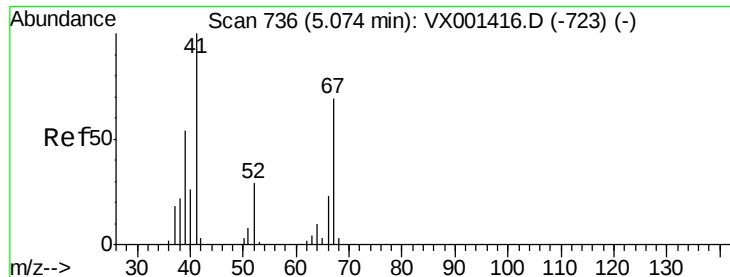
77 24.2 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.62 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 41 Resp: 50943

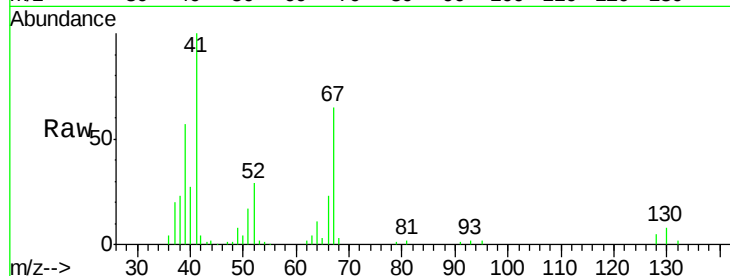
Ion Ratio Lower Upper

41 100

39 56.9 45.0 67.6

67 68.2 55.0 82.6

52 30.5 23.4 35.0

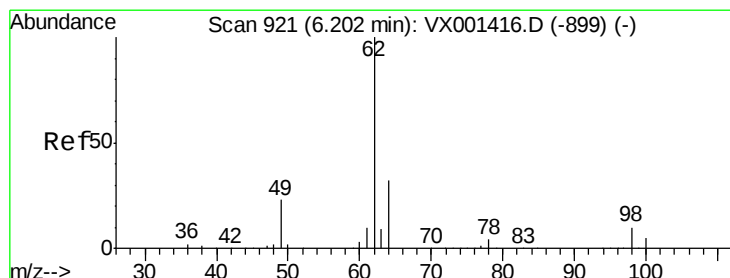
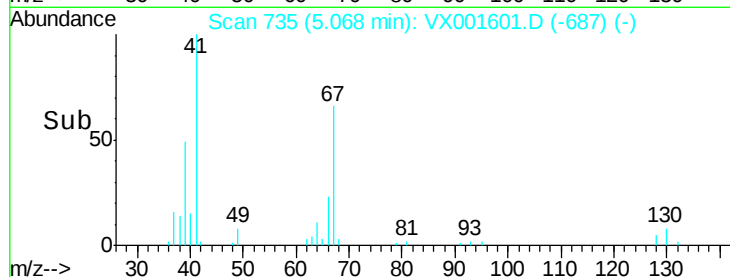
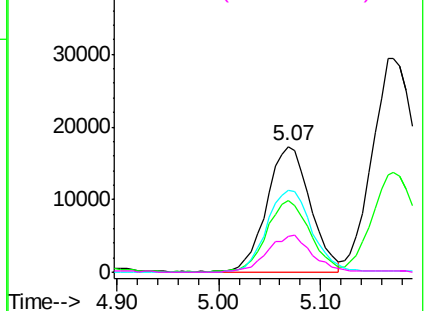


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.66 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001601.D

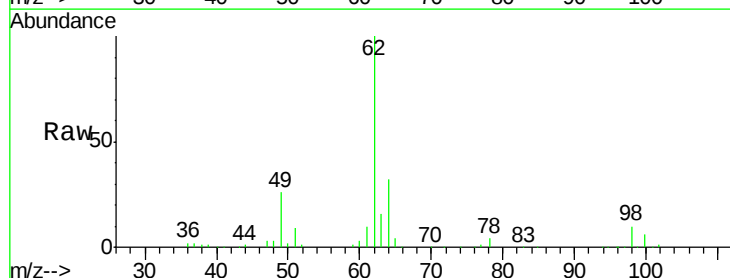
Acq: 10 May 2018 14:49

Tgt Ion: 62 Resp: 95593

Ion Ratio Lower Upper

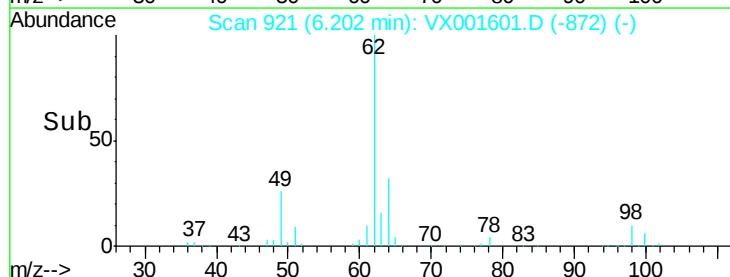
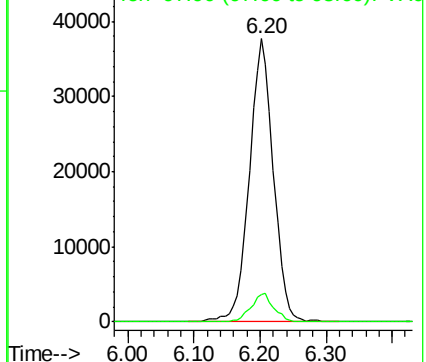
62 100

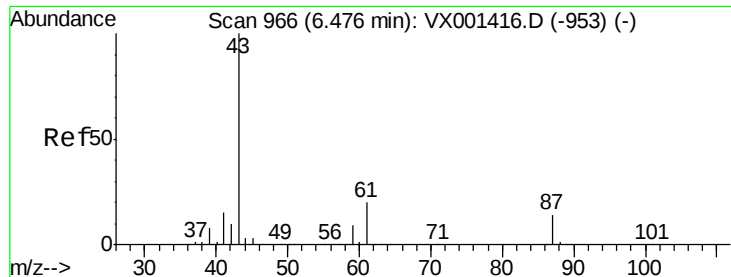
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.93 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

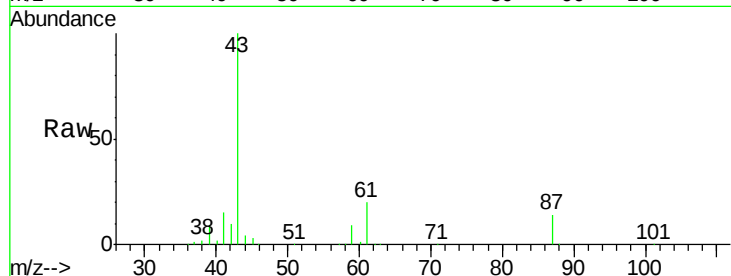
Tgt Ion: 43 Resp: 138644

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.0

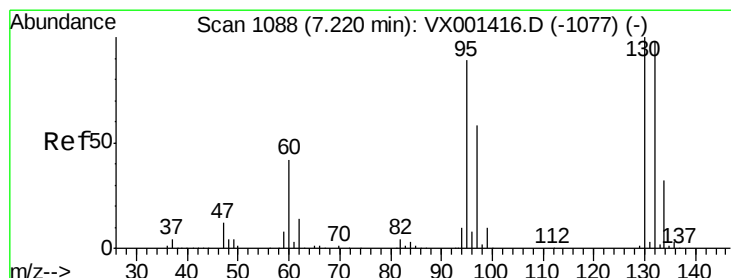
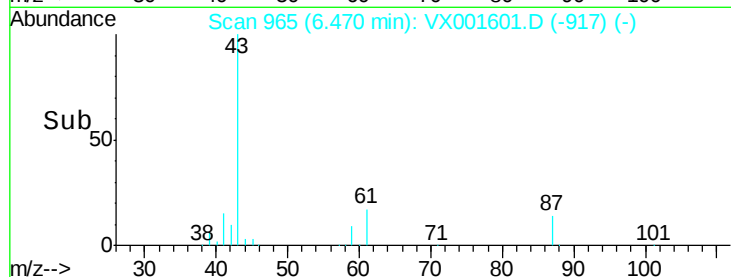
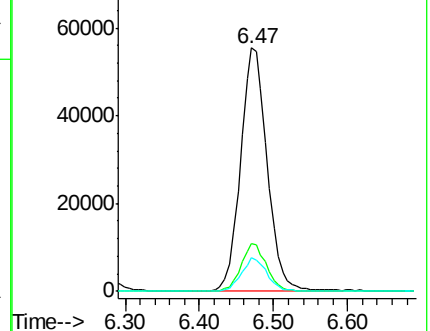
87 13.3 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001601.D

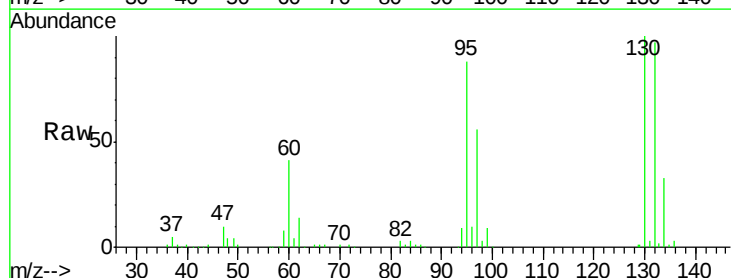
Acq: 10 May 2018 14:49

Tgt Ion: 130 Resp: 71111

Ion Ratio Lower Upper

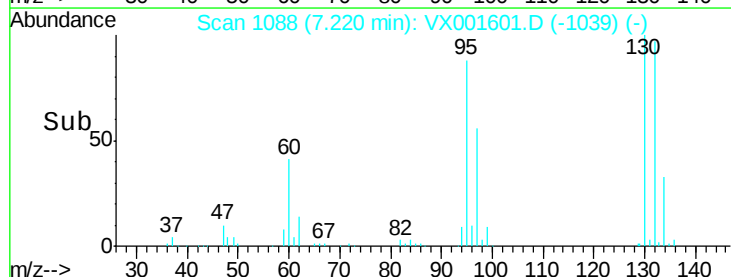
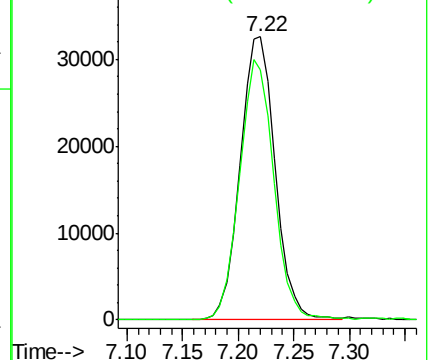
130 100

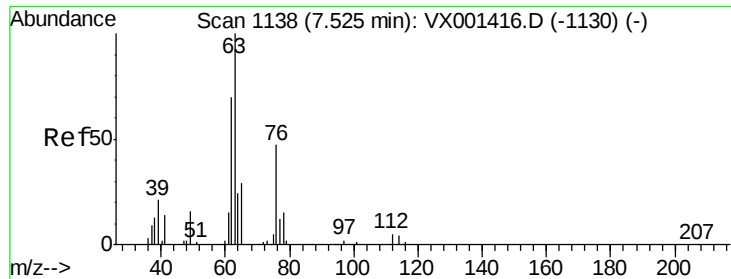
95 88.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.98 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

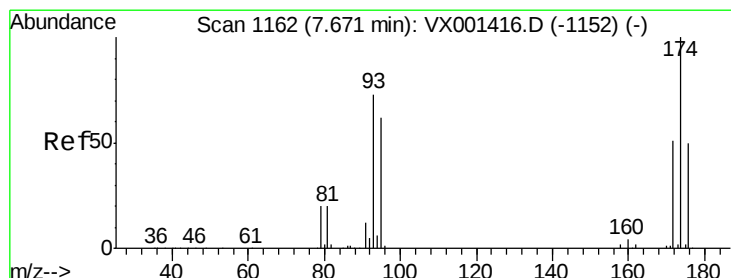
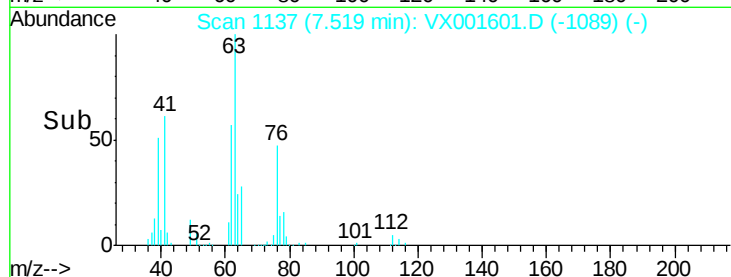
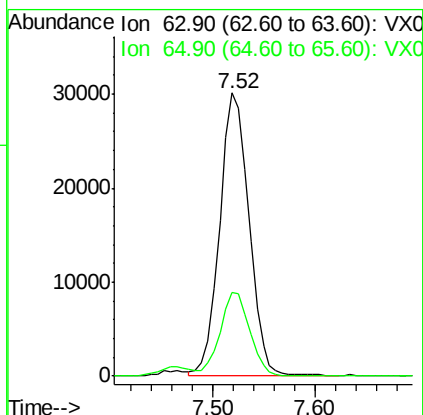
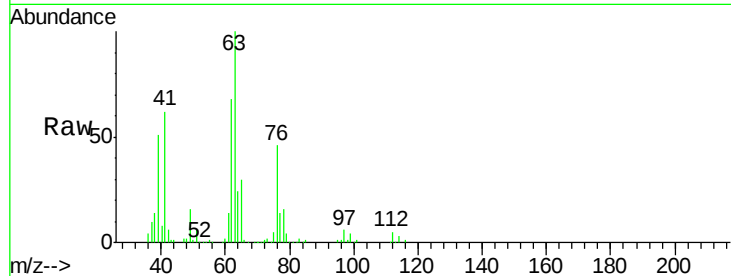
VX0510MBS01

Tgt Ion: 63 Resp: 60144

Ion Ratio Lower Upper

63 100

65 29.7 24.5 36.7



#46

Dibromomethane

Concen: 22.01 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

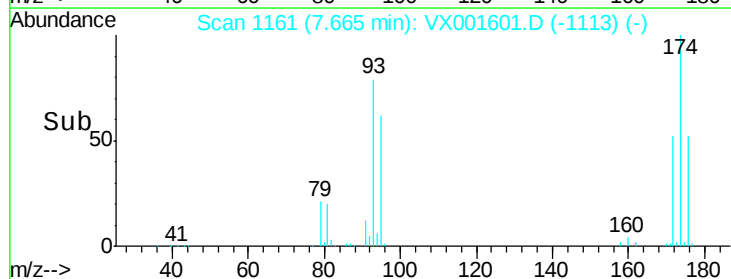
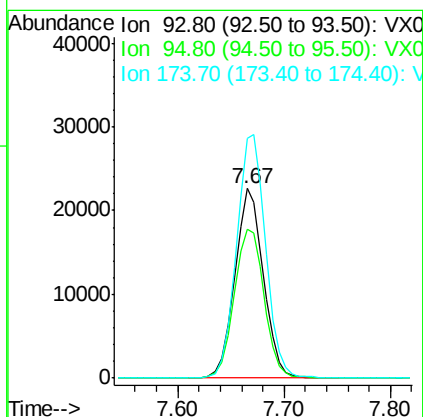
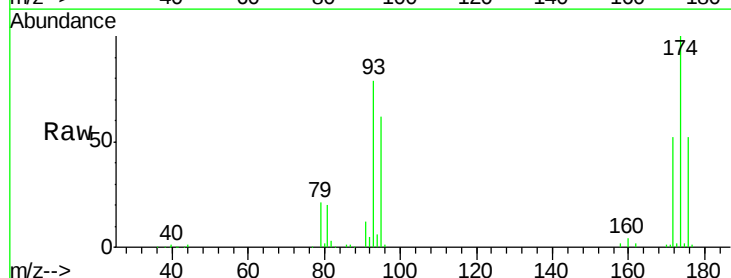
Tgt Ion: 93 Resp: 42627

Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.4

174 130.8 104.5 156.7





#47

Bromodichloromethane

Concen: 21.76 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

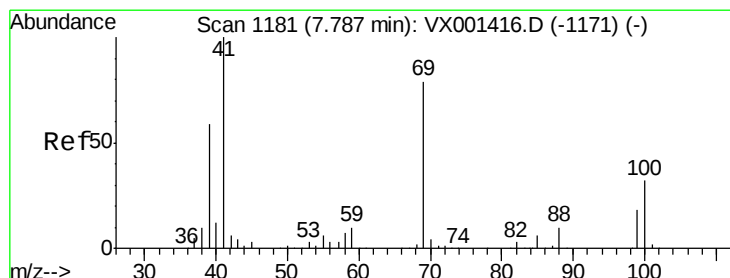
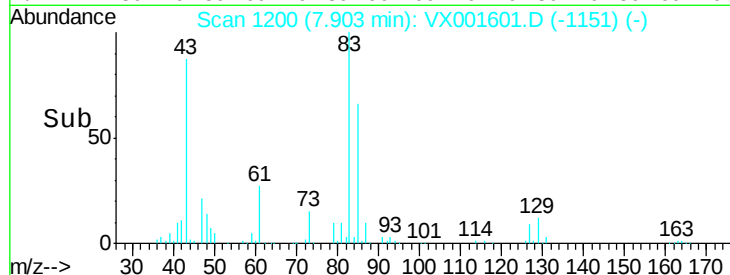
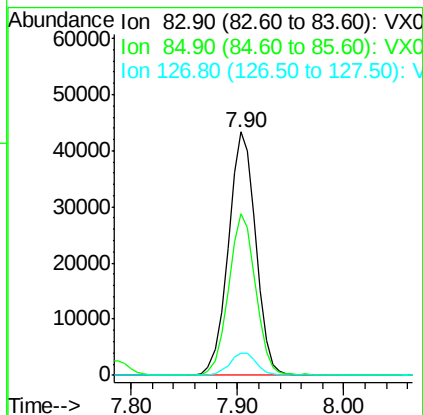
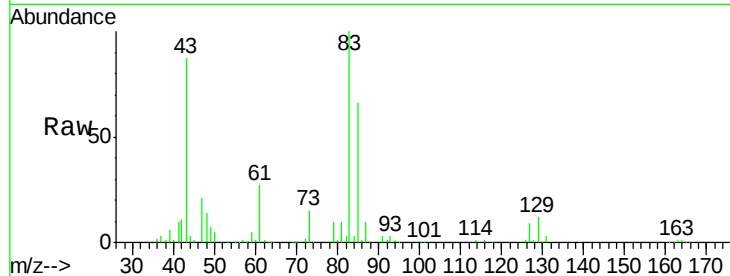
Tgt Ion: 83 Resp: 77983

Ion Ratio Lower Upper

83 100

85 66.2 51.0 76.6

127 8.9 7.4 11.2



#48

Methyl methacrylate

Concen: 21.63 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

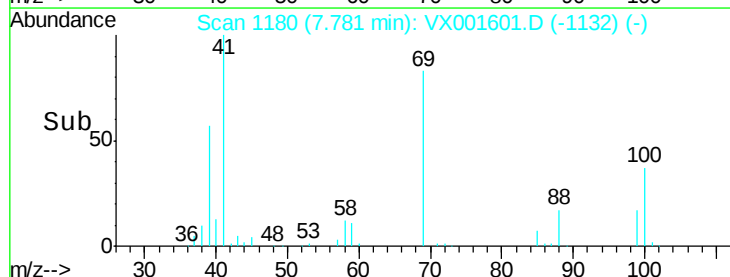
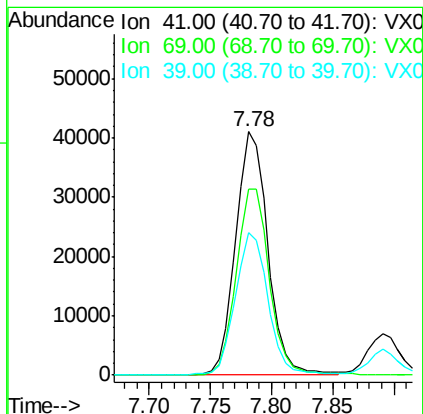
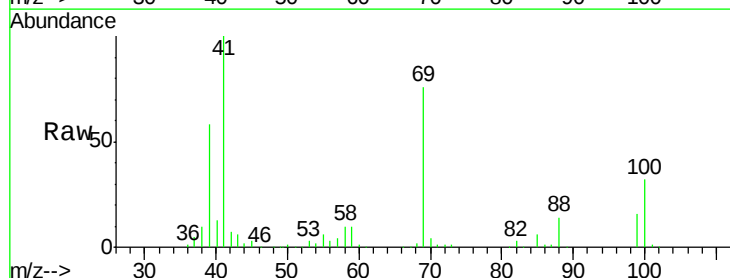
Tgt Ion: 41 Resp: 74477

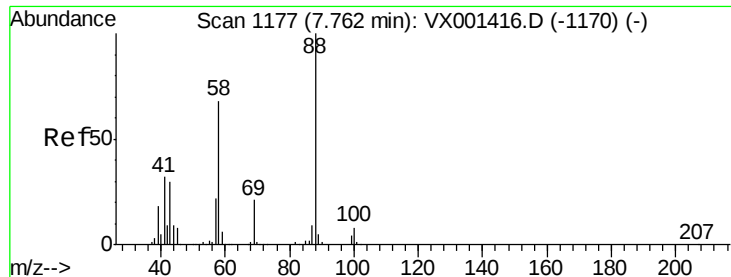
Ion Ratio Lower Upper

41 100

69 79.6 63.4 95.2

39 60.0 47.0 70.4





#49

1,4-Dioxane

Concen: 441.62 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

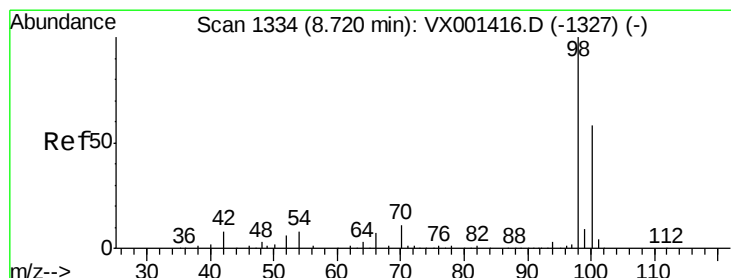
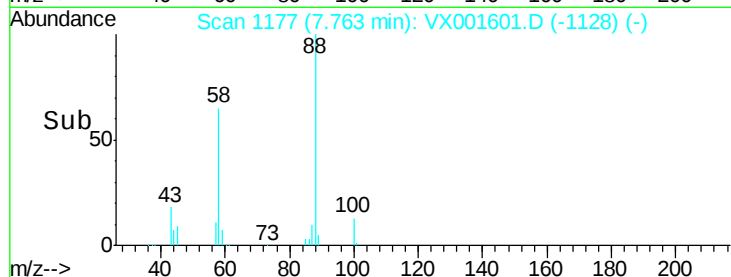
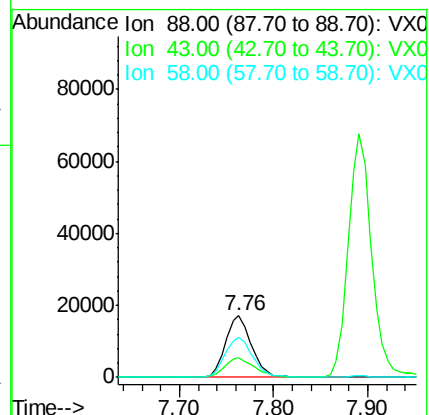
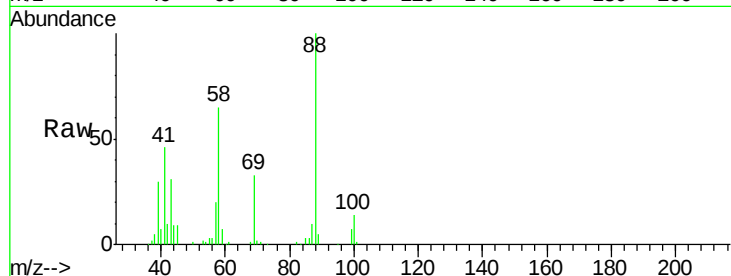
Tgt Ion: 88 Resp: 32848

Ion Ratio Lower Upper

88 100

43 37.4 26.4 39.6

58 69.4 54.1 81.1



#50

Toluene-d8

Concen: 46.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001601.D

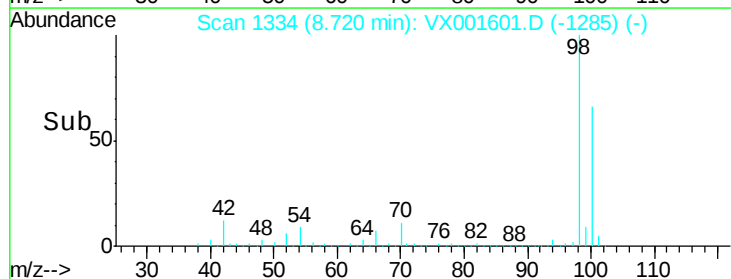
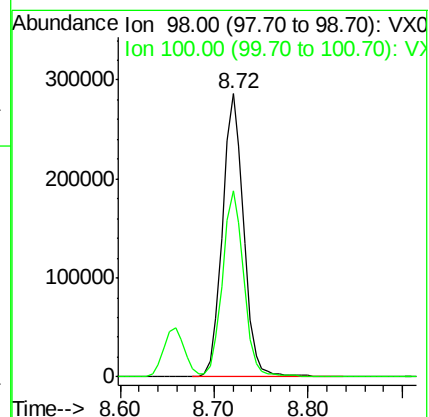
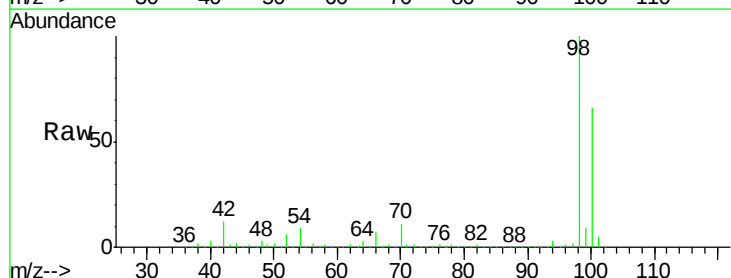
Acq: 10 May 2018 14:49

Tgt Ion: 98 Resp: 444781

Ion Ratio Lower Upper

98 100

100 66.7 54.0 81.0

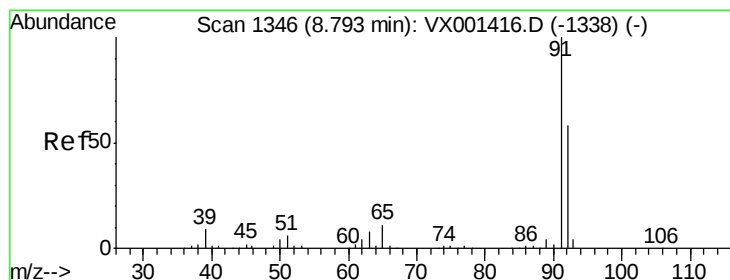
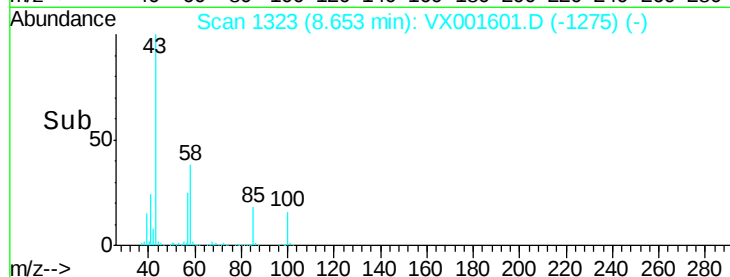
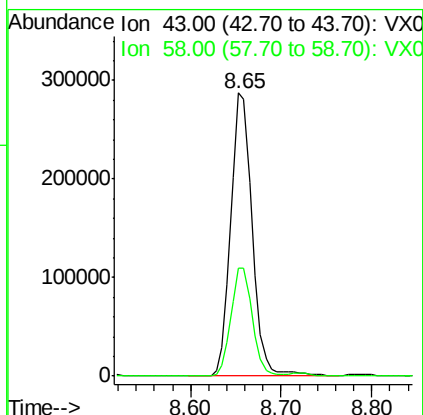
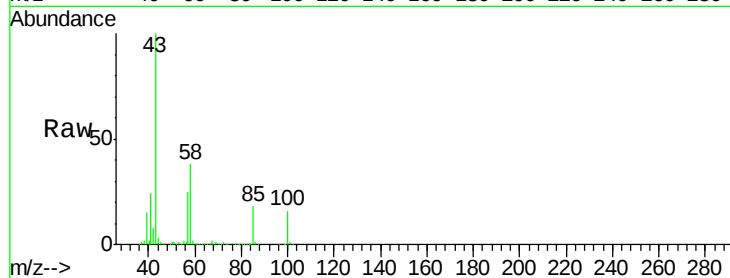




#51
 4-Methyl-2-Pentanone
 Concen: 112.49 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

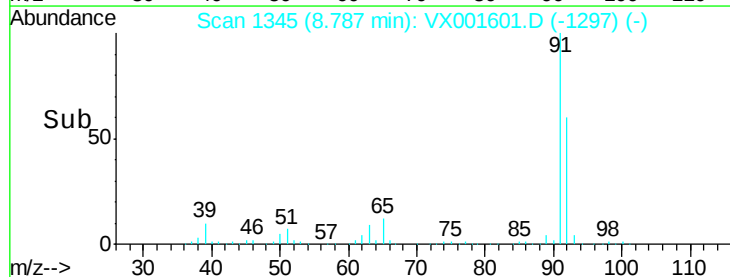
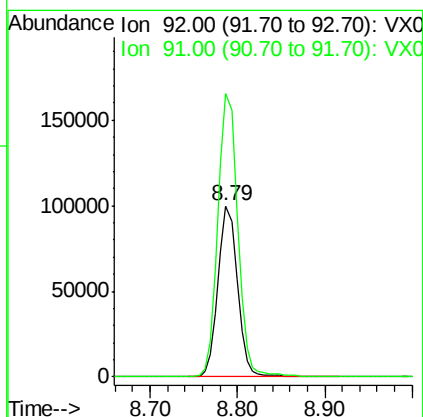
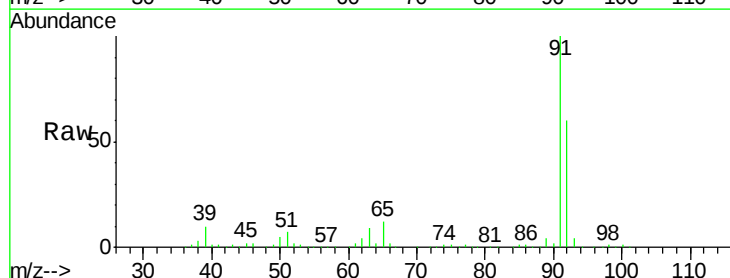
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

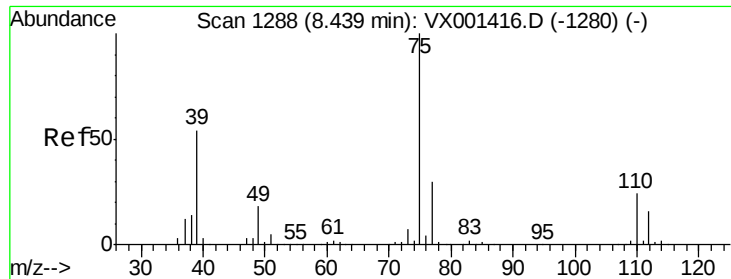
Tgt Ion: 43 Resp: 472623
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 21.54 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 92 Resp: 154582
 Ion Ratio Lower Upper
 92 100
 91 169.0 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.89 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

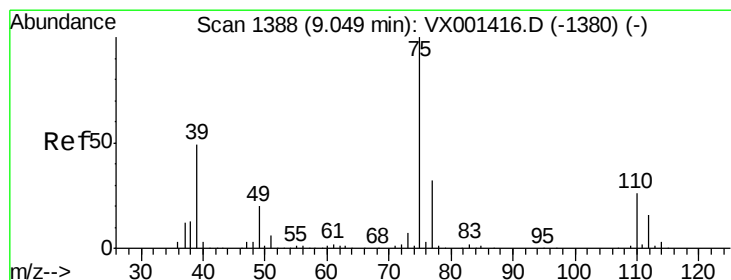
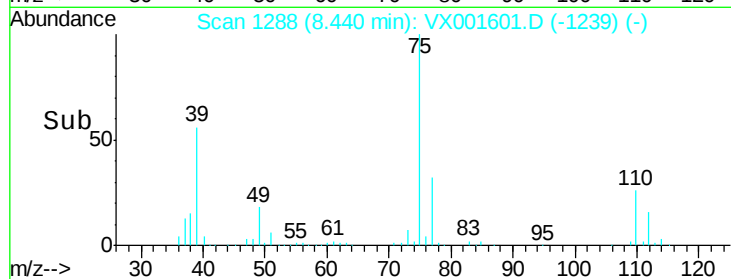
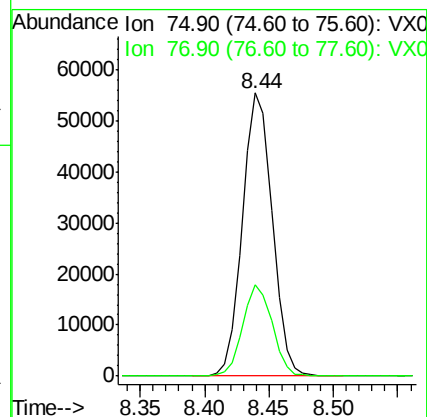
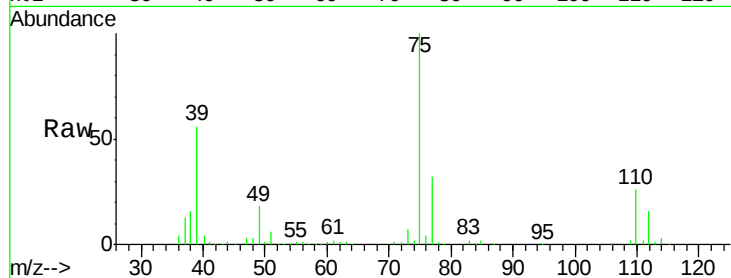
VX0510MBS01

Tgt Ion: 75 Resp: 88696

Ion Ratio Lower Upper

75 100

77 32.2 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 20.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

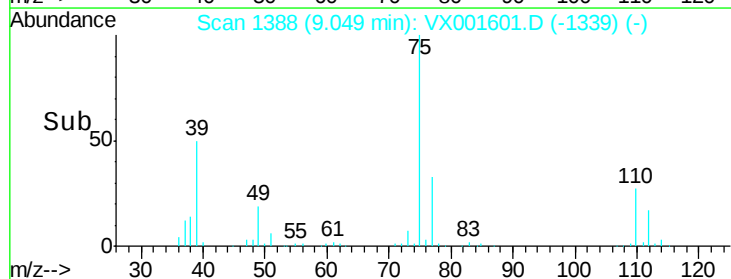
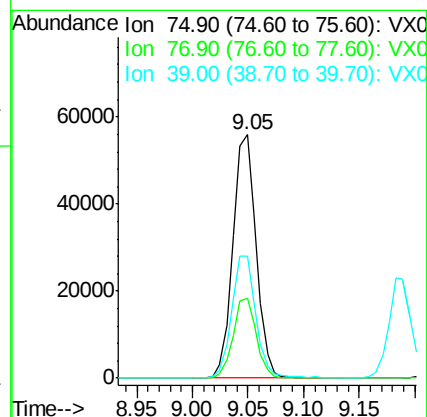
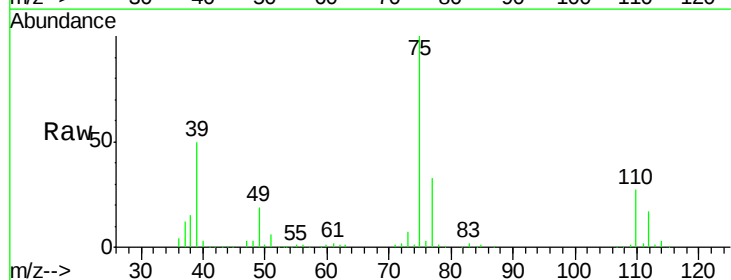
Tgt Ion: 75 Resp: 80858

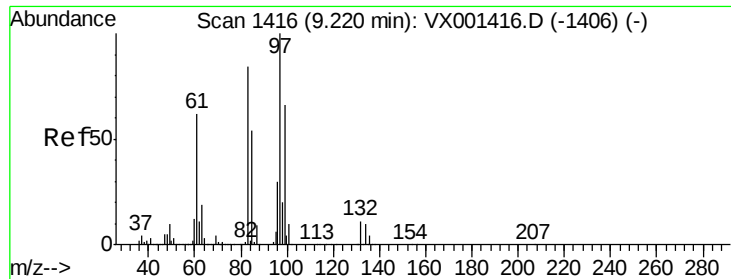
Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3

39 49.9 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 22.24 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 97 Resp: 64294

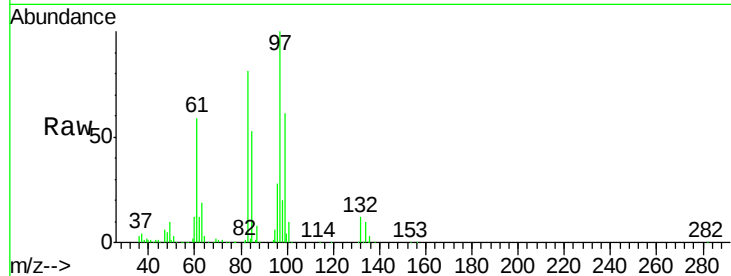
Ion Ratio Lower Upper

97 100

83 81.1 67.4 101.0

85 52.8 43.3 64.9

99 60.9 52.5 78.7

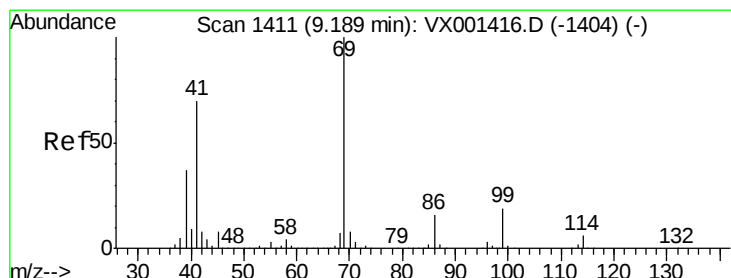
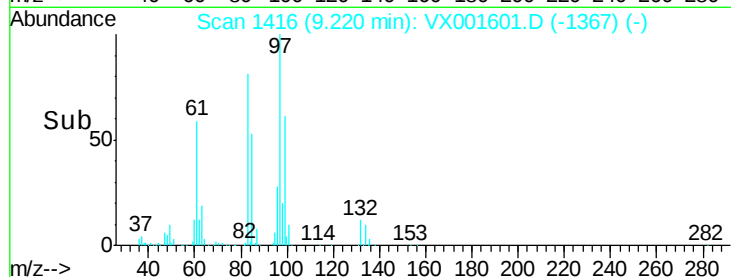
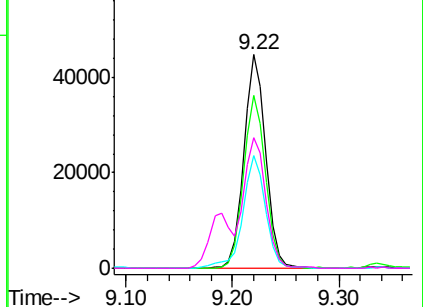


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.06 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

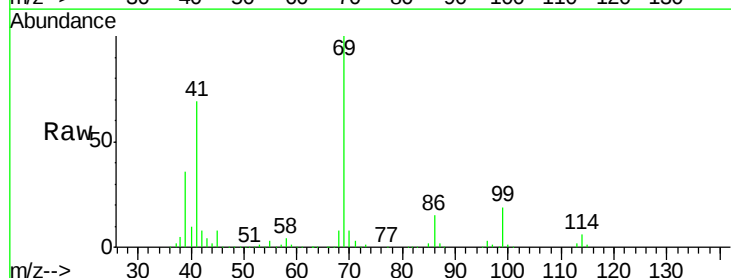
Tgt Ion: 69 Resp: 87783

Ion Ratio Lower Upper

69 100

41 70.1 55.1 82.7

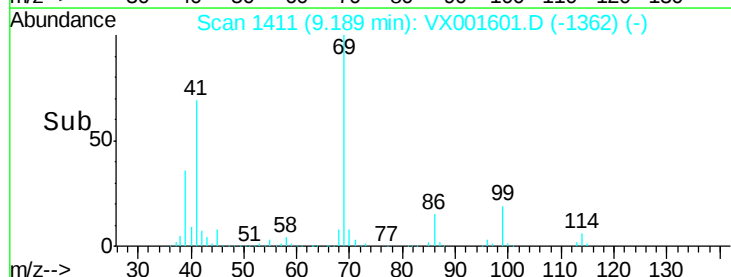
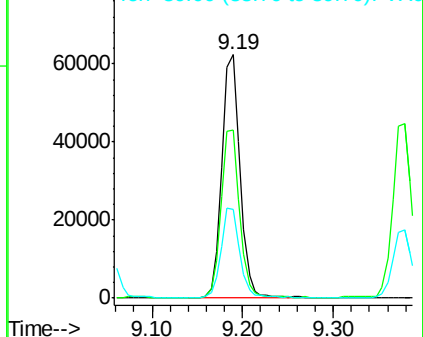
39 37.5 29.9 44.9

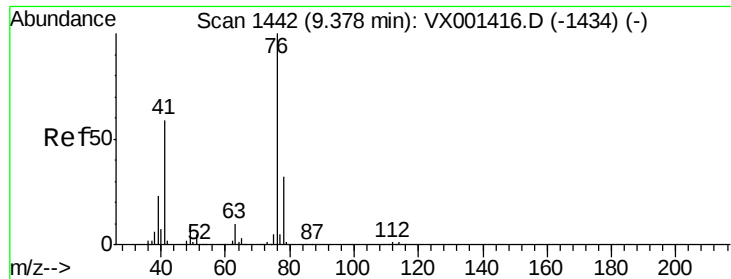


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

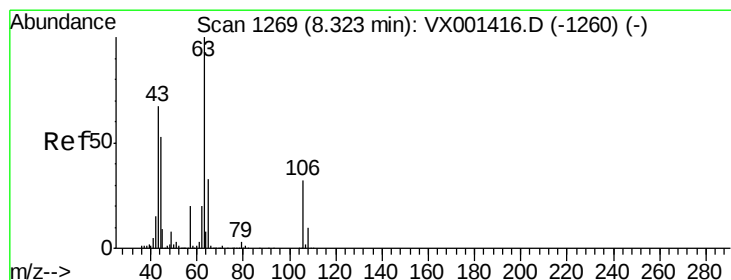
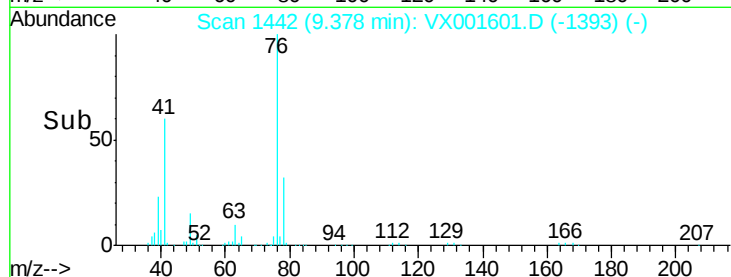
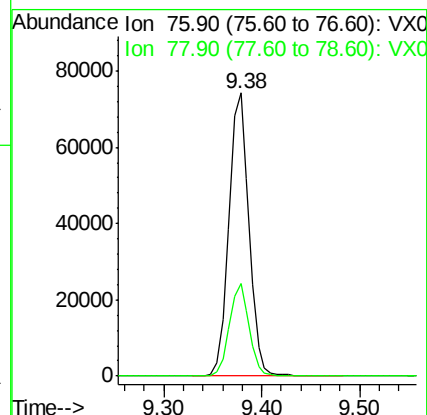
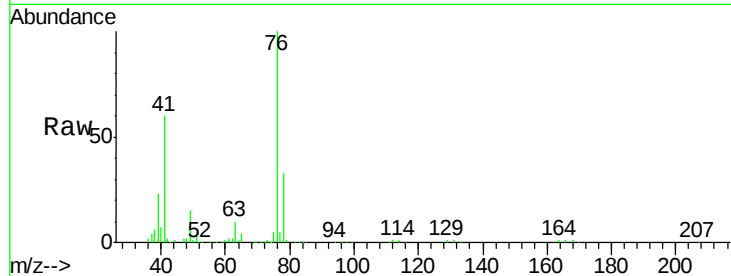




#57
 1,3-Dichloropropane
 Concen: 22.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

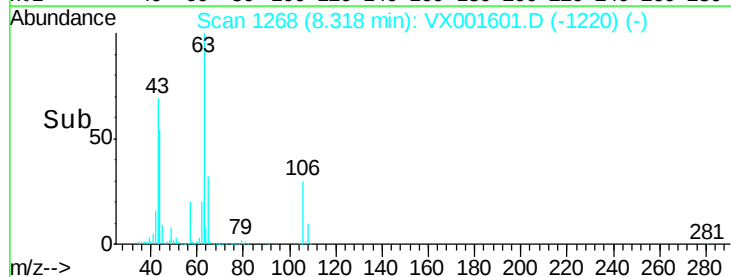
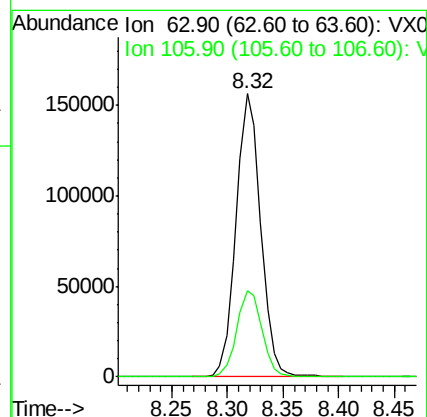
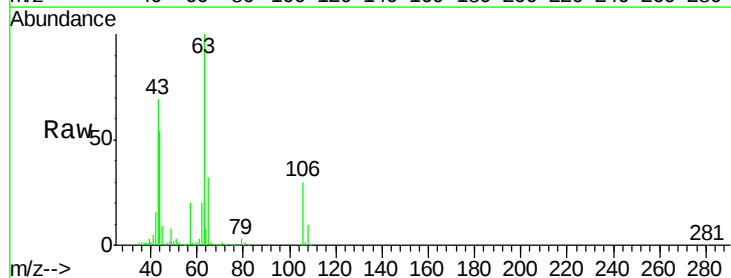
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

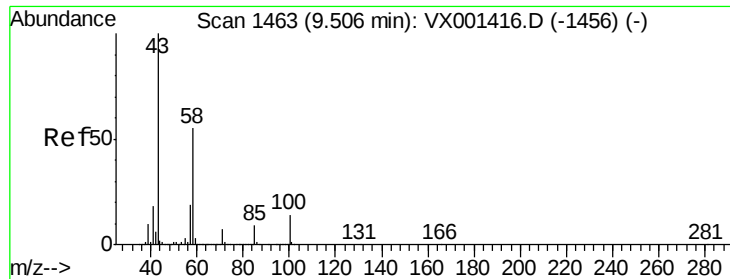
Tgt Ion: 76 Resp: 105354
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 63 Resp: 239607
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.4 38.0

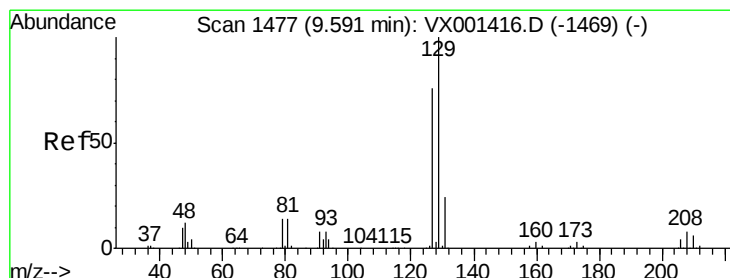
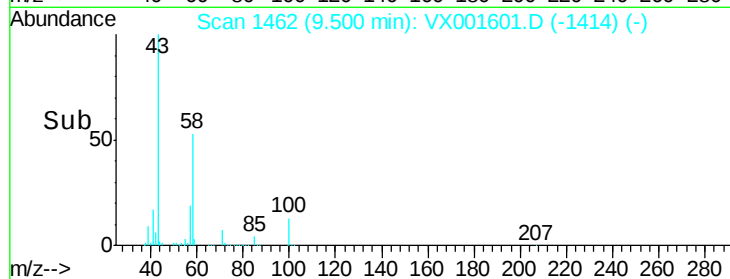
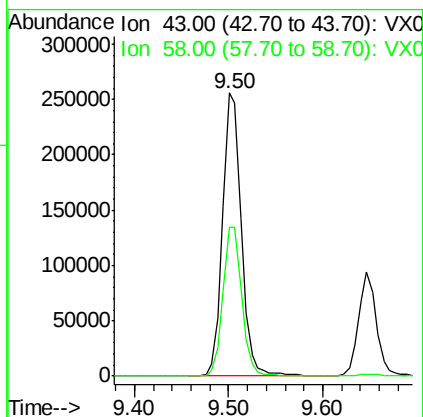
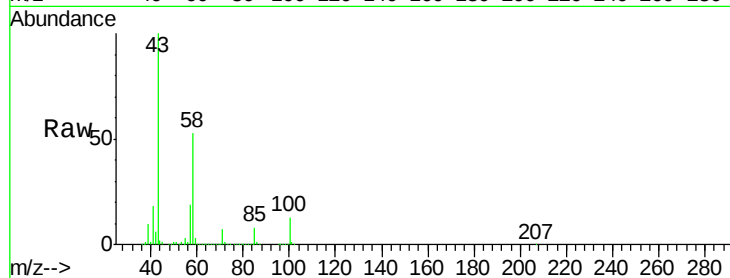




#59
2-Hexanone
Concen: 109.92 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

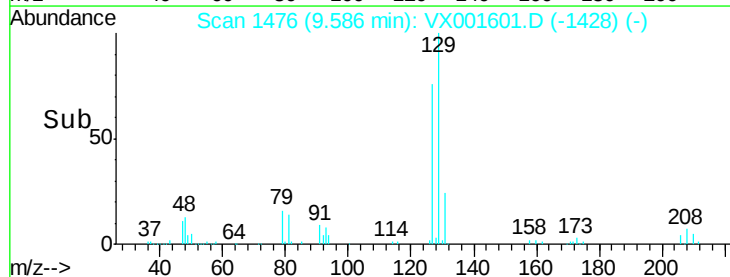
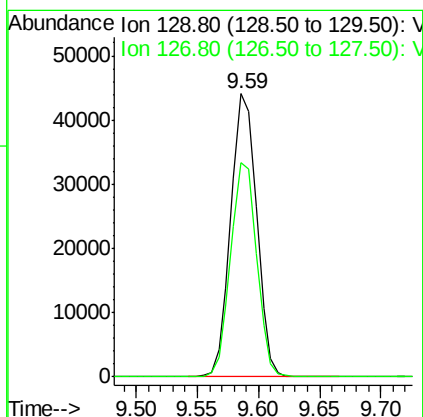
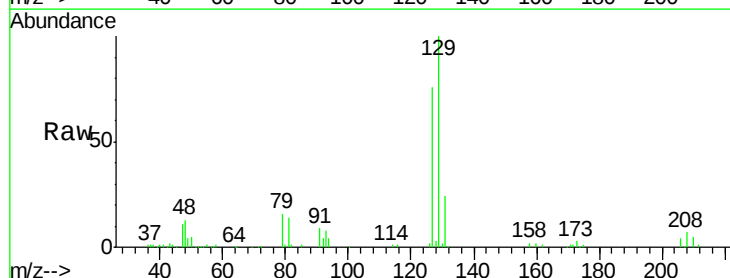
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

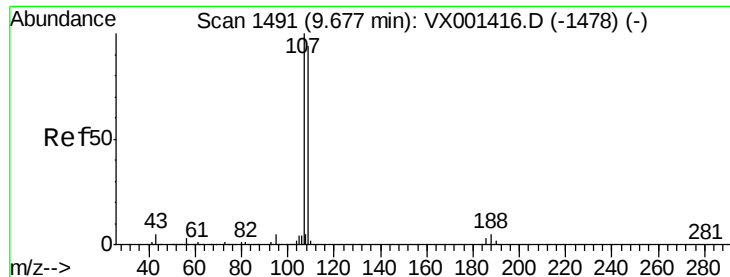
Tgt Ion: 43 Resp: 353659
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.2



#60
Dibromochloromethane
Concen: 21.81 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion: 129 Resp: 64584
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

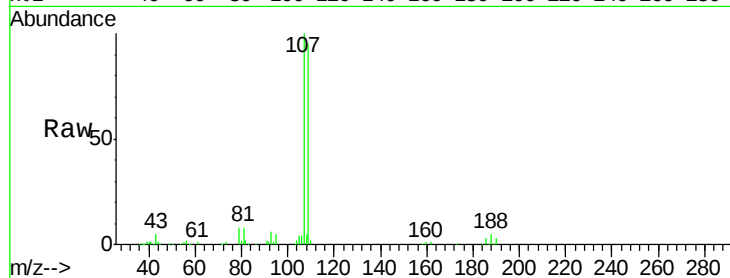
VX0510MBS01

Tgt Ion: 107 Resp: 65449

Ion Ratio Lower Upper

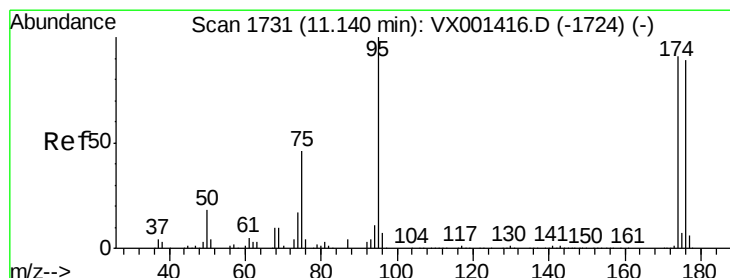
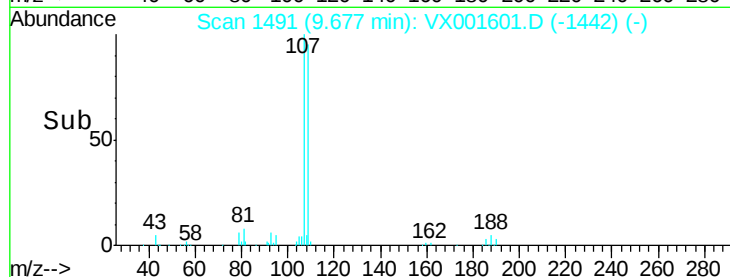
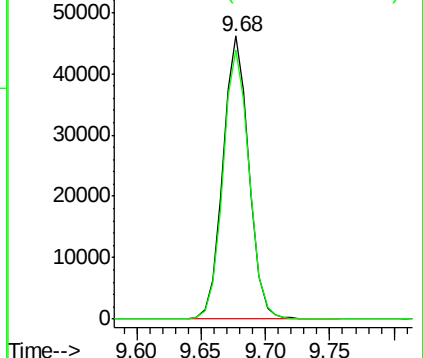
107 100

109 96.2 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: 45.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

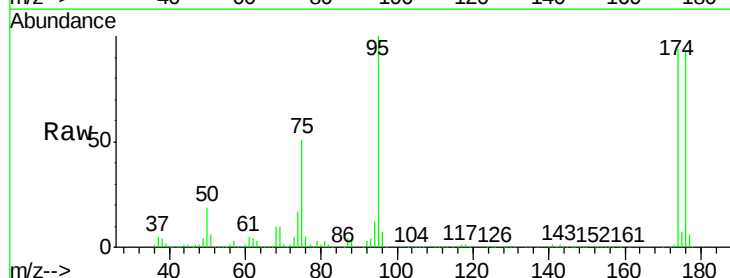
Tgt Ion: 95 Resp: 168376

Ion Ratio Lower Upper

95 100

174 100.7 0.0 202.0

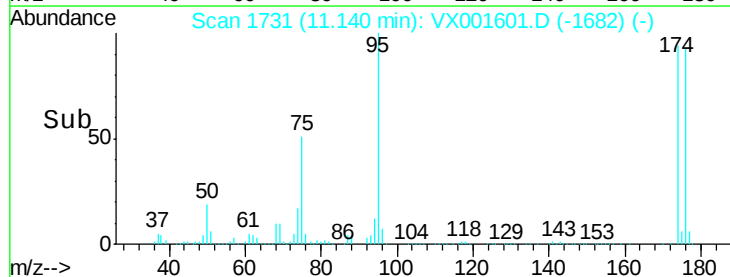
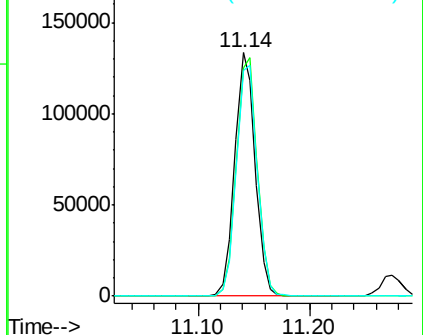
176 98.1 0.0 197.4



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

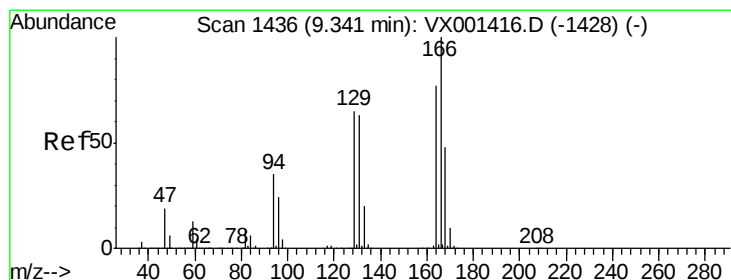
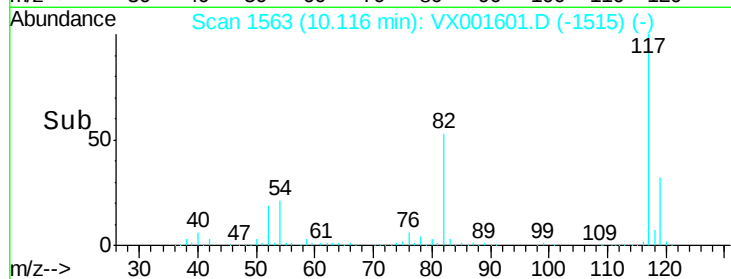
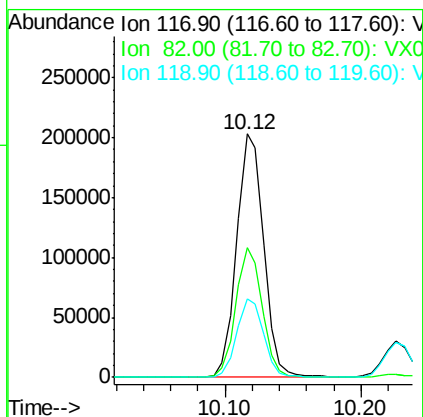
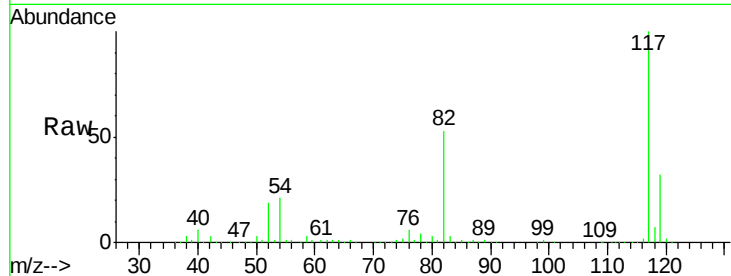




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

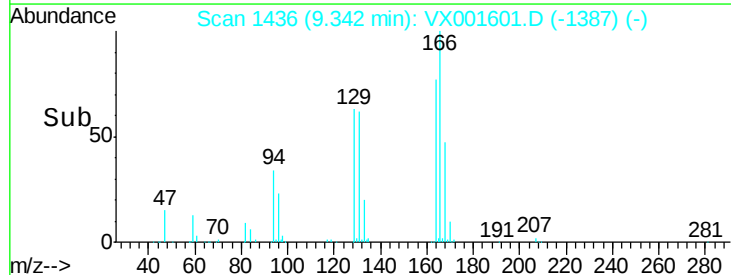
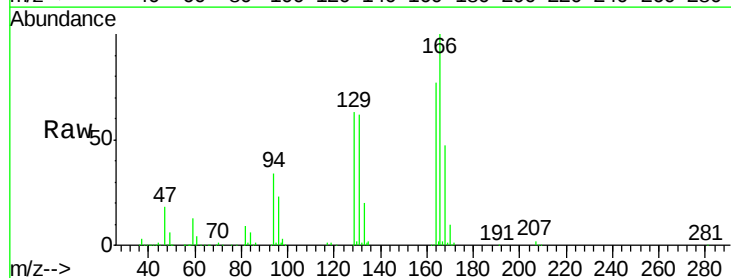
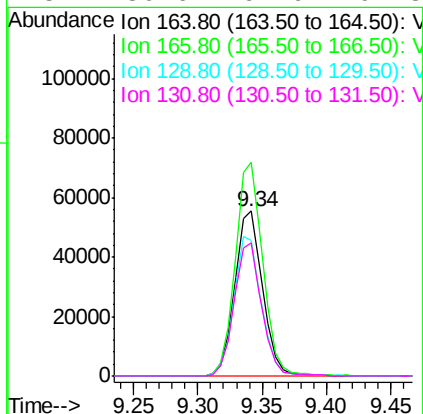
Instrument :
MSVOA_X
ClientSampled :
VX0510MBS01

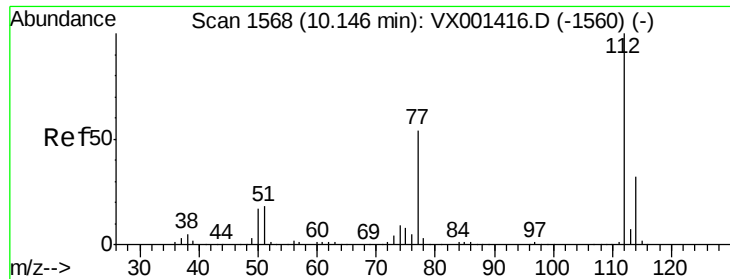
Tgt Ion:117 Resp: 280438
Ion Ratio Lower Upper
117 100
82 53.0 40.0 60.0
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 21.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion:164 Resp: 82879
Ion Ratio Lower Upper
164 100
166 129.8 103.5 155.3
129 82.1 66.7 100.1
131 80.6 64.9 97.3





#65

Chlorobenzene

Concen: 21.17 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

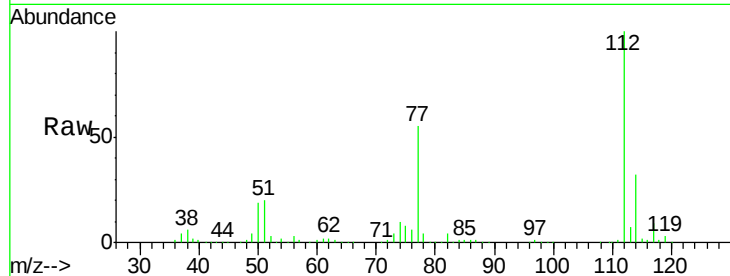
VX0510MBS01

Tgt Ion:112 Resp: 174080

Ion Ratio Lower Upper

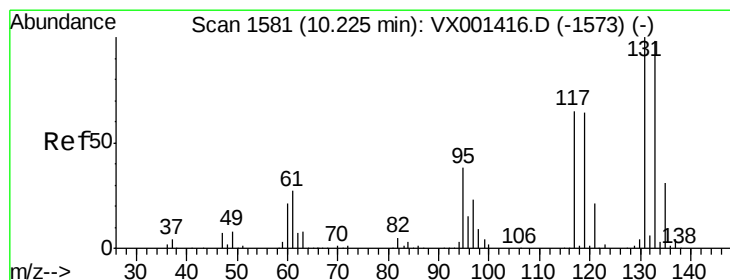
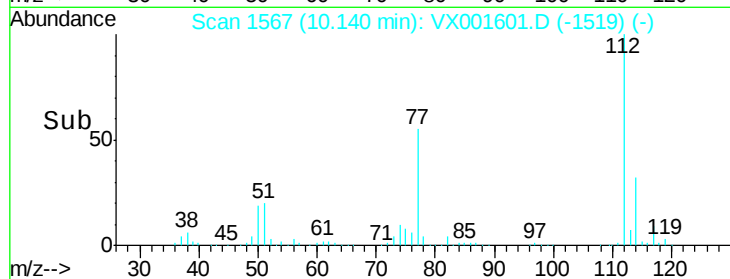
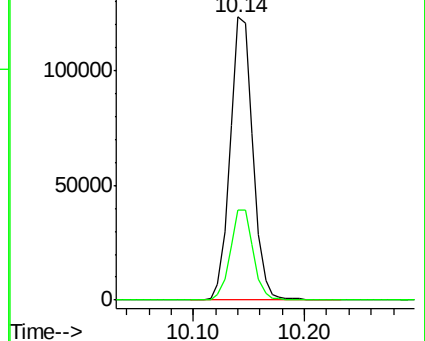
112 100

114 32.0 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: 22.12 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

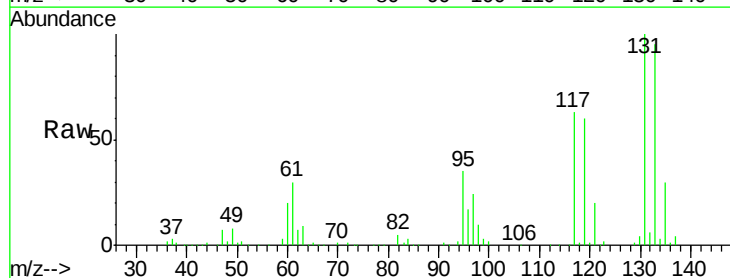
Tgt Ion:131 Resp: 65088

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.8

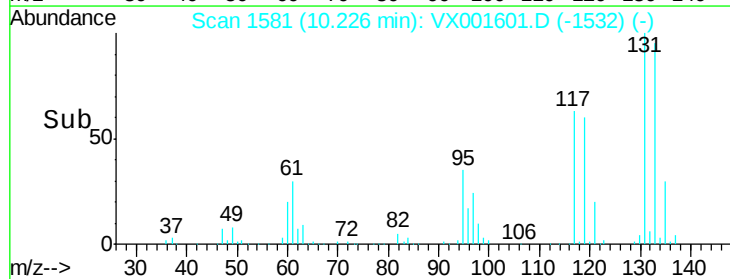
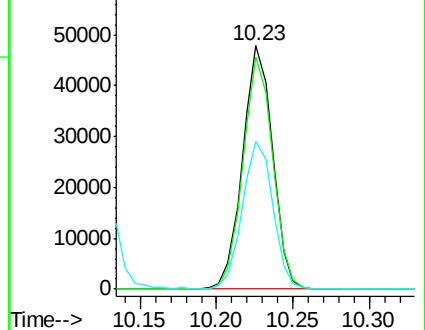
119 61.8 31.1 93.3

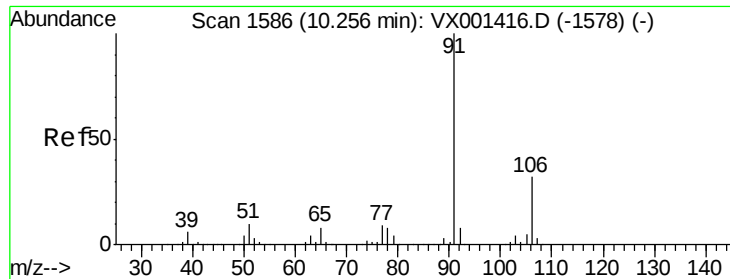


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

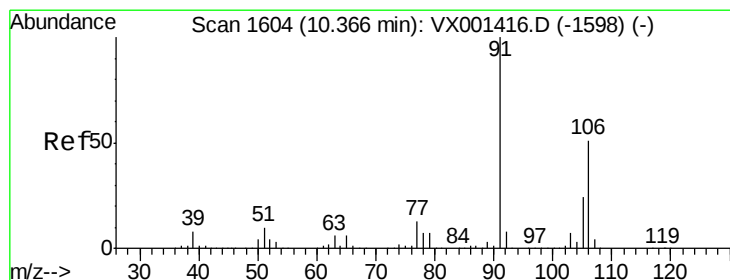
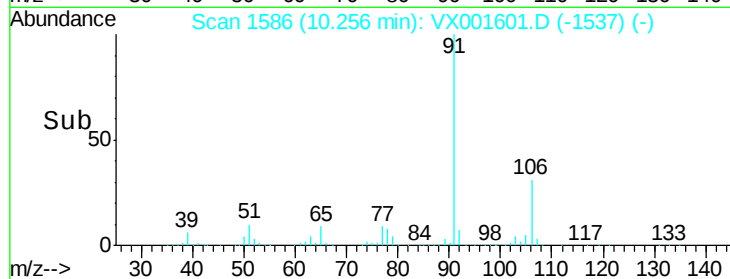
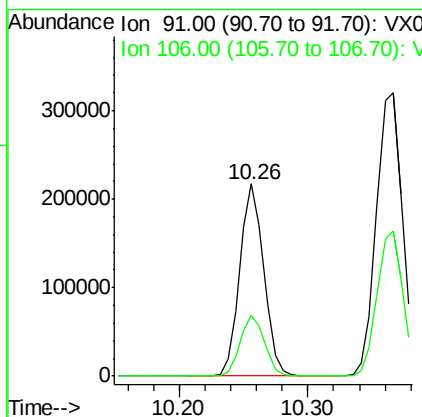
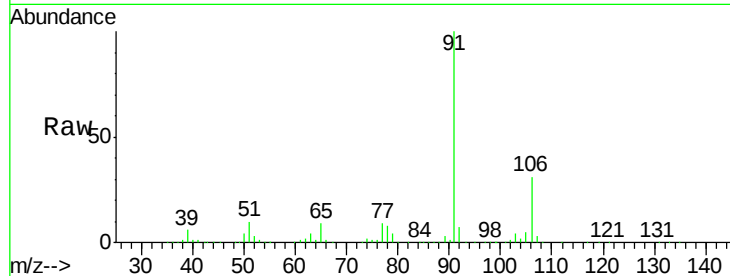




#67
Ethyl Benzene
Concen: 20.83 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

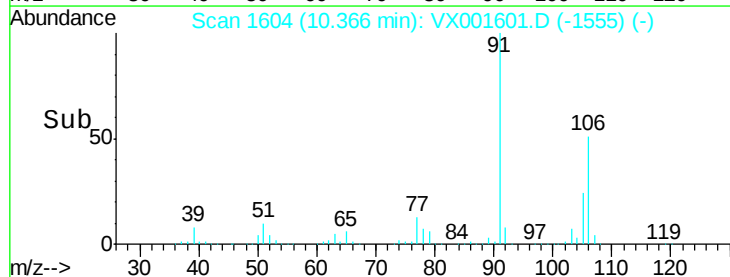
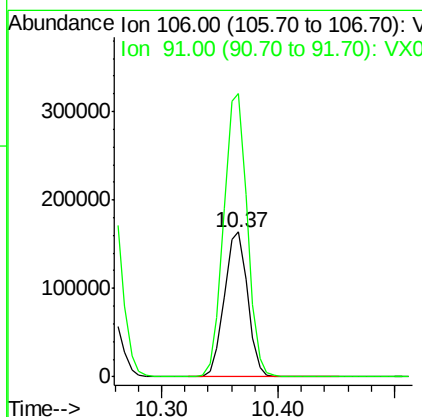
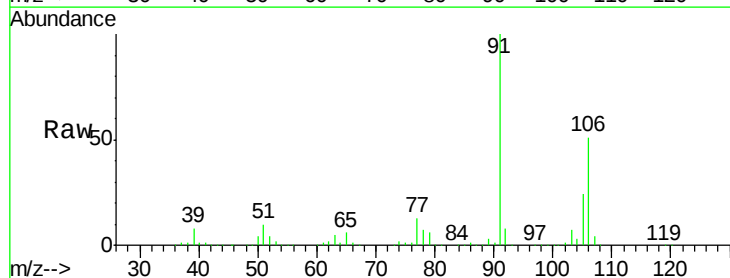
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

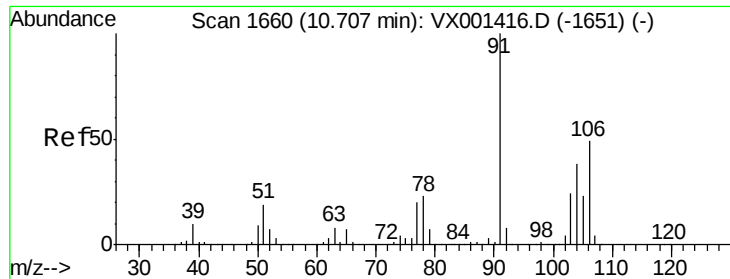
Tgt Ion: 91 Resp: 280823
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 42.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion: 106 Resp: 226437
Ion Ratio Lower Upper
106 100
91 197.4 157.5 236.3

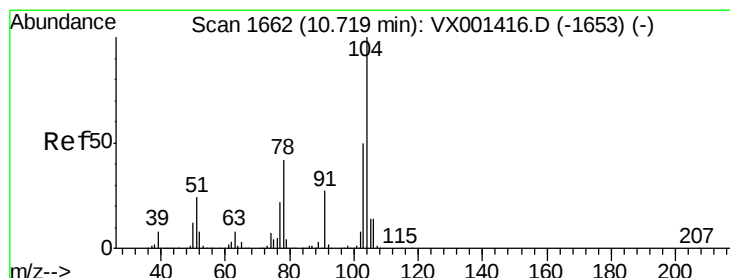
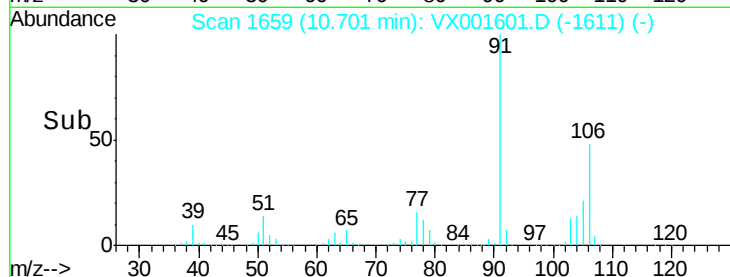
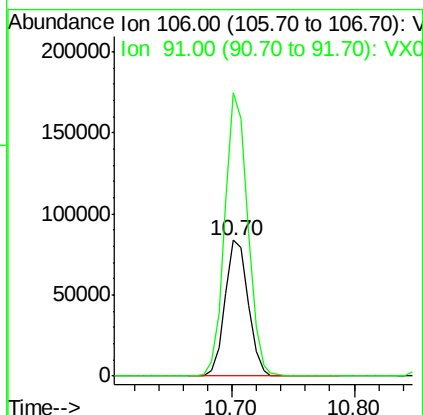
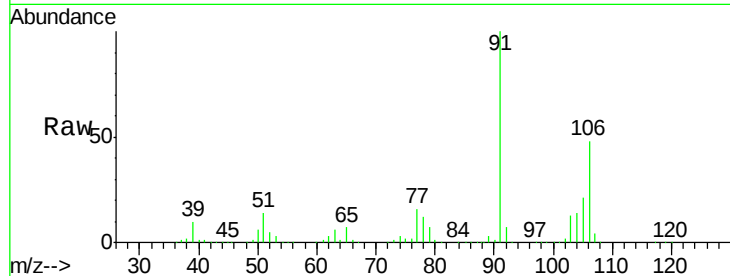




#69
o-Xylene
Concen: 21.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

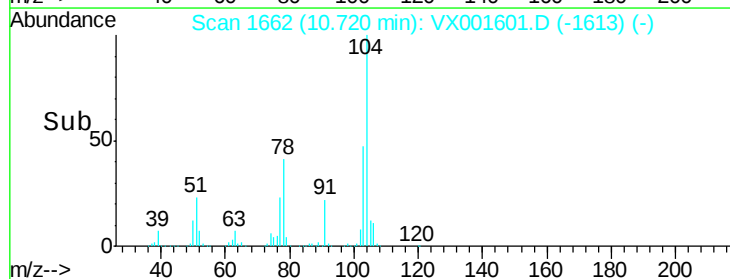
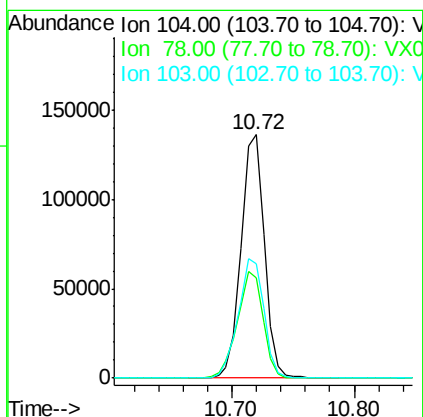
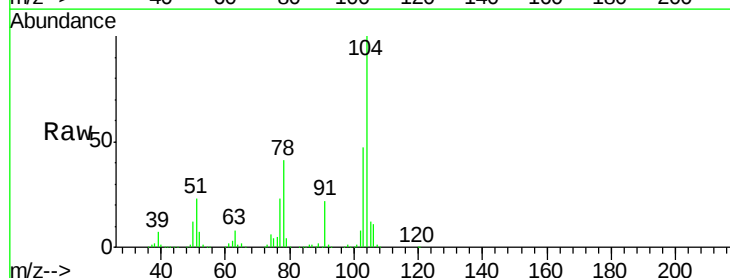
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

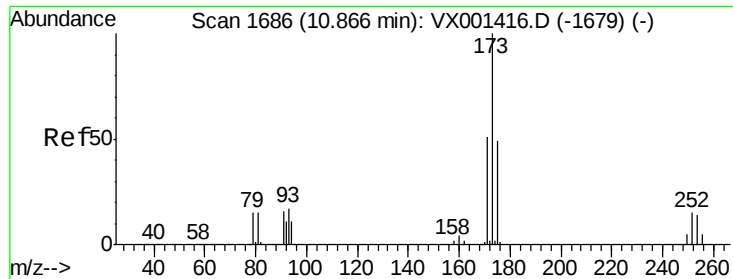
Tgt Ion:106 Resp: 110162
Ion Ratio Lower Upper
106 100
91 206.1 103.1 309.1



#70
Styrene
Concen: 21.35 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001601.D
Acq: 10 May 2018 14:49

Tgt Ion:104 Resp: 179578
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.4 44.0 66.0





#71

Bromoform

Concen: 19.69 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

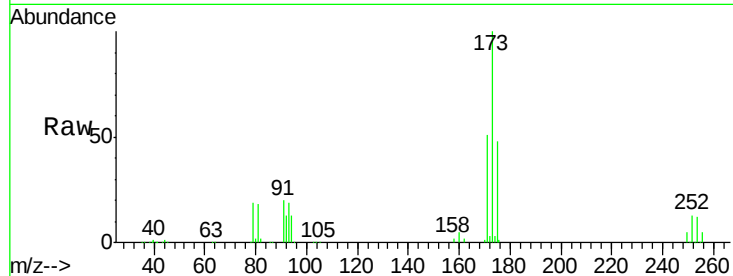
Tgt Ion:173 Resp: 49119

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

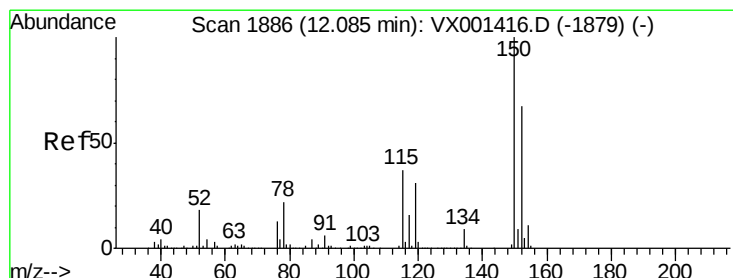
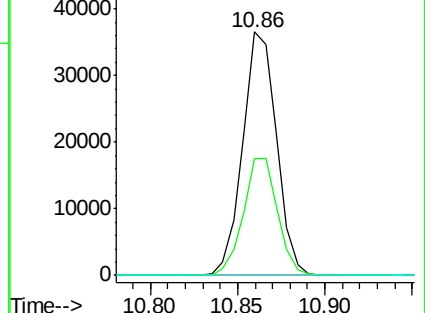
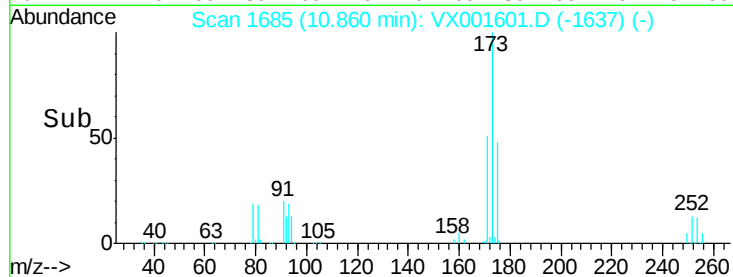
254 0.1 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

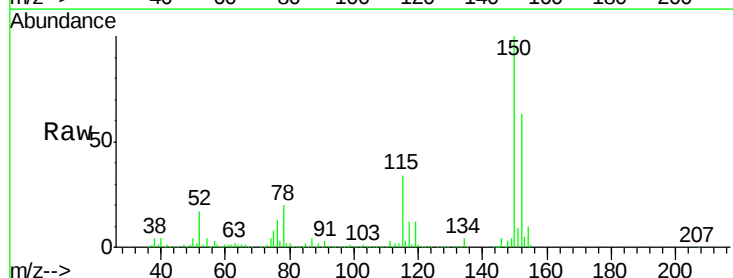
Tgt Ion:152 Resp: 199131

Ion Ratio Lower Upper

152 100

115 62.9 37.7 113.1

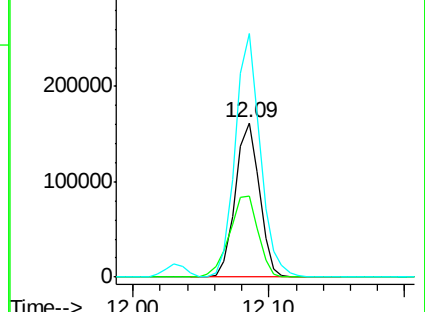
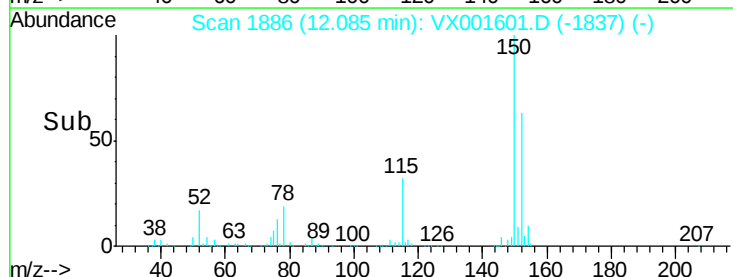
150 163.8 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.46 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

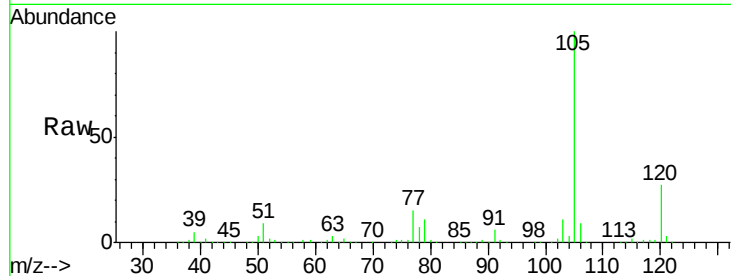
VX0510MBS01

Tgt Ion: 105 Resp: 295896

Ion Ratio Lower Upper

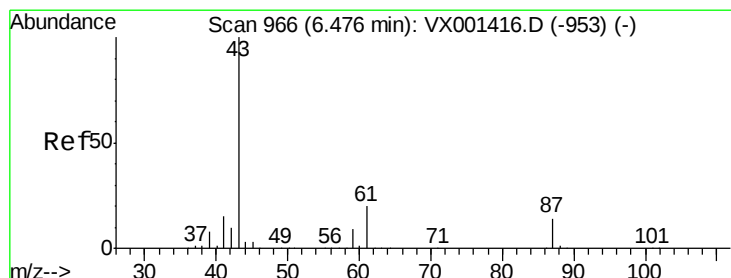
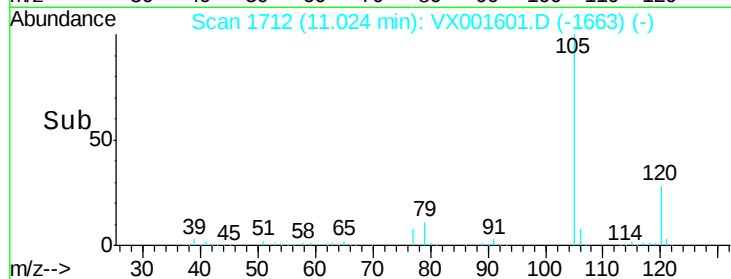
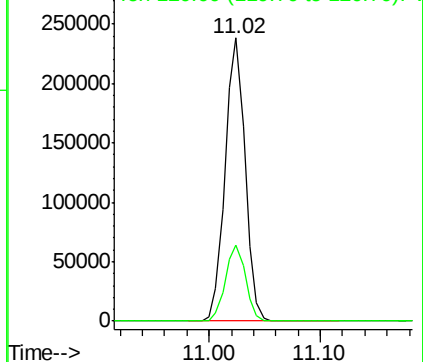
105 100

120 27.2 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: 22.14 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Tgt Ion: 43 Resp: 138644

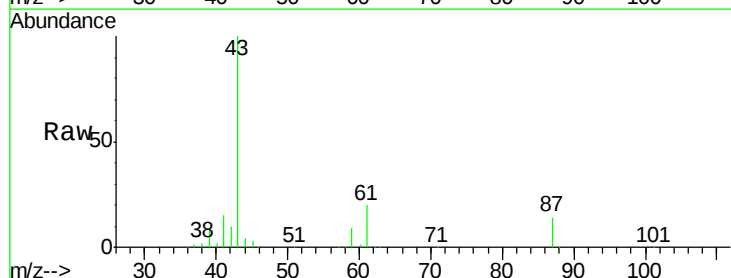
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.9 15.4 23.0

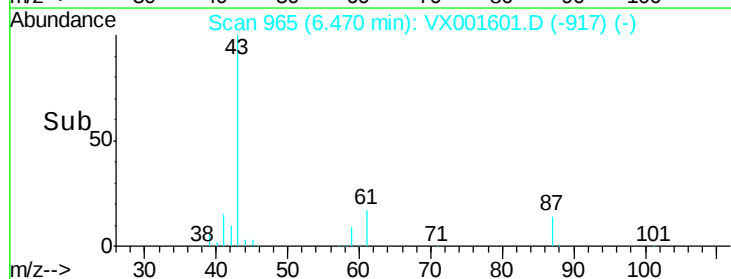
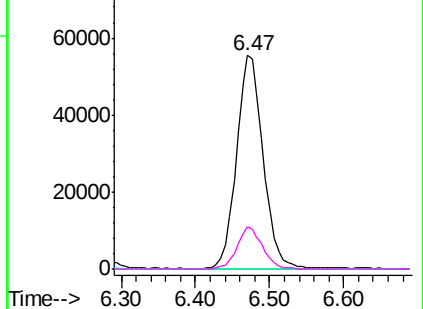


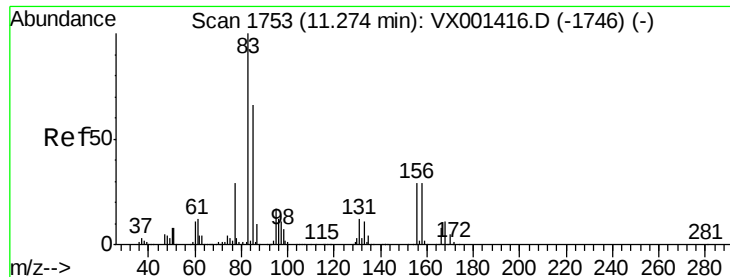
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

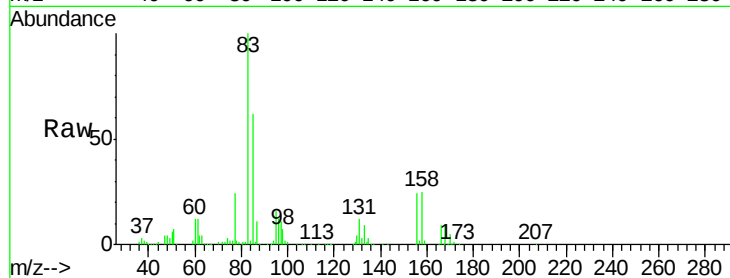
Tgt Ion: 83 Resp: 89776

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

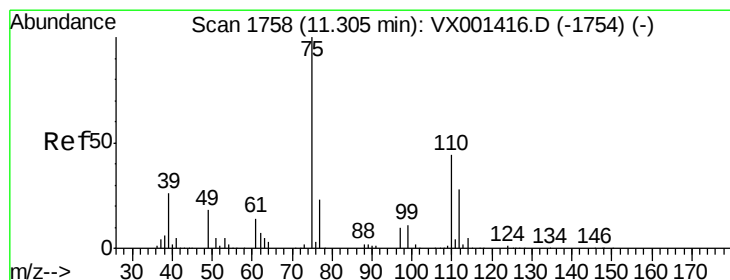
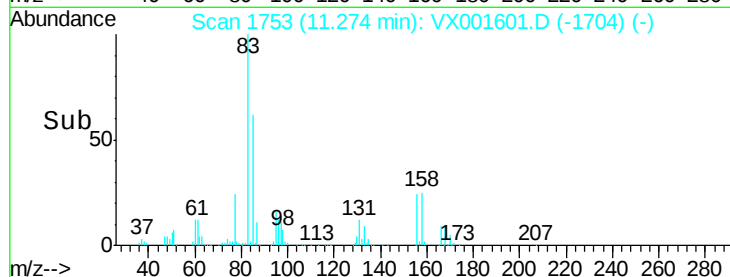
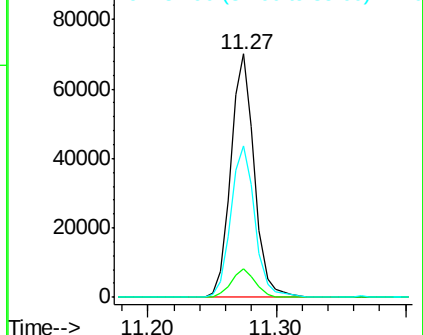
85 63.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.46 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001601.D

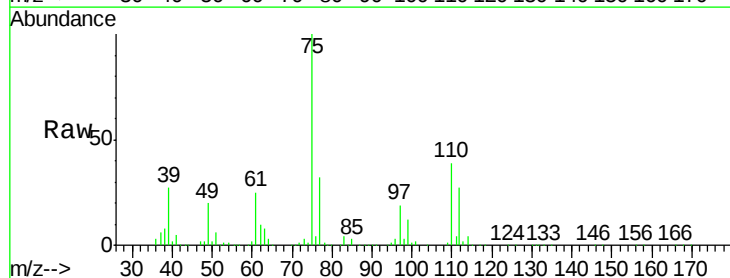
Acq: 10 May 2018 14:49

Tgt Ion: 75 Resp: 106873

Ion Ratio Lower Upper

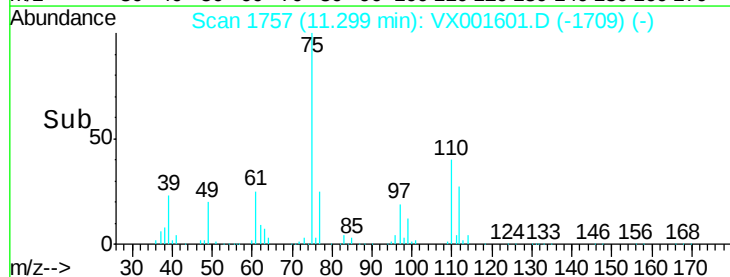
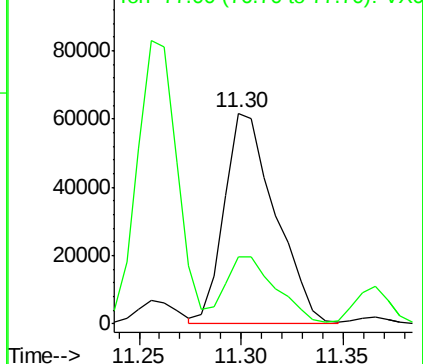
75 100

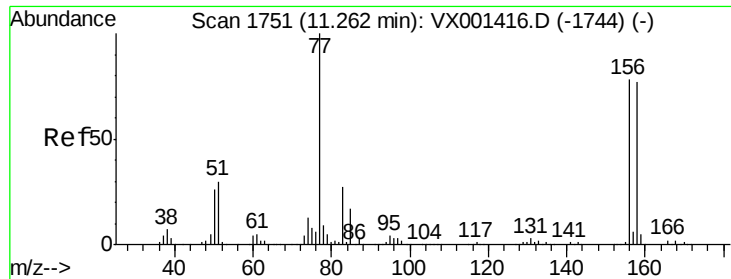
77 32.2 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

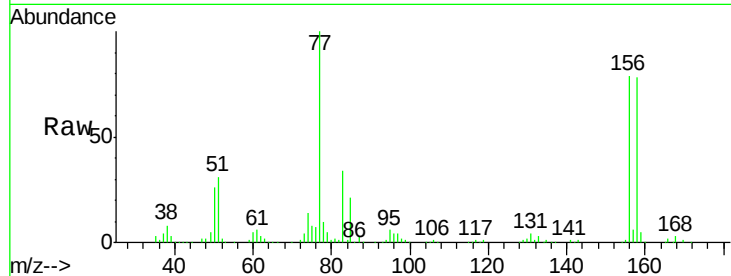
Tgt Ion:156 Resp: 84276

Ion Ratio Lower Upper

156 100

77 133.1 66.0 198.2

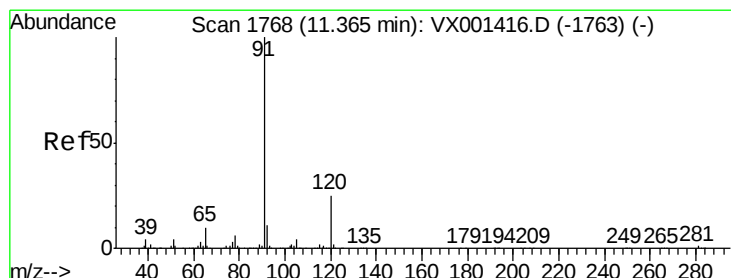
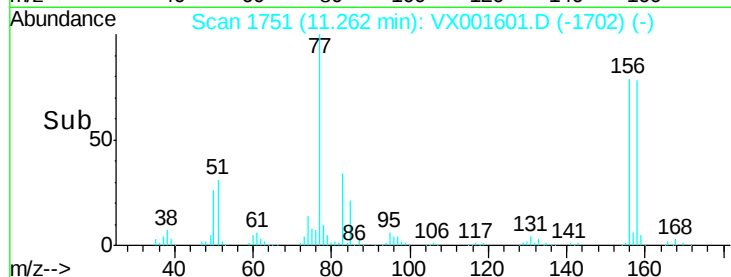
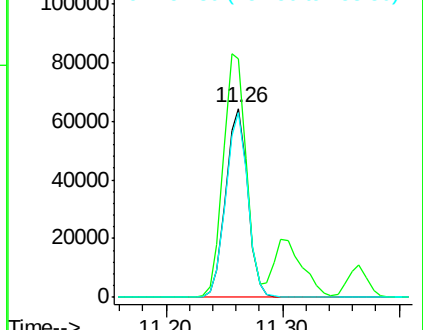
158 97.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001601.D

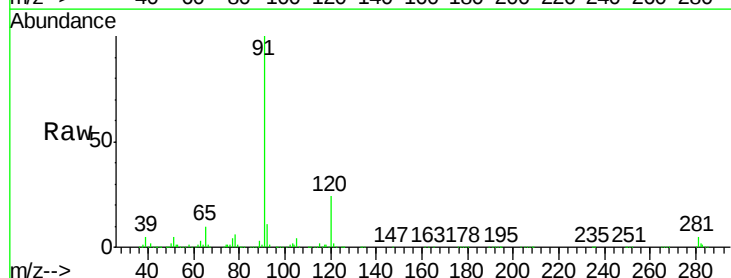
Acq: 10 May 2018 14:49

Tgt Ion: 91 Resp: 329438

Ion Ratio Lower Upper

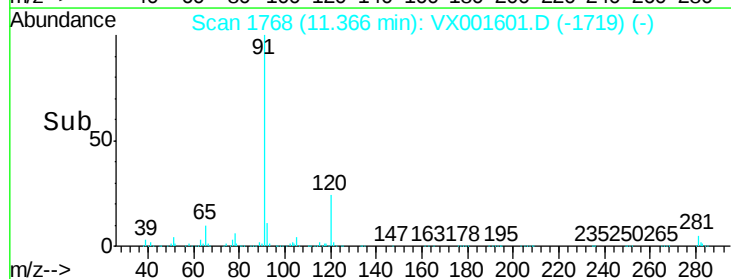
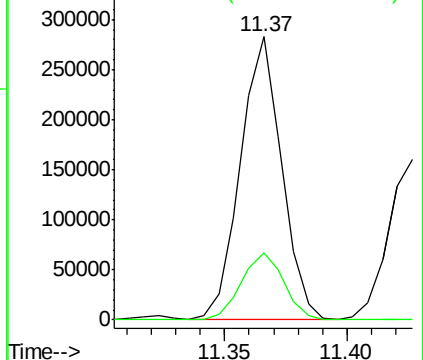
91 100

120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

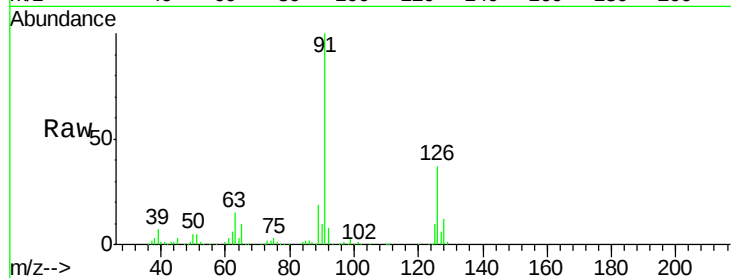
VX0510MBS01

Tgt Ion: 91 Resp: 196958

Ion Ratio Lower Upper

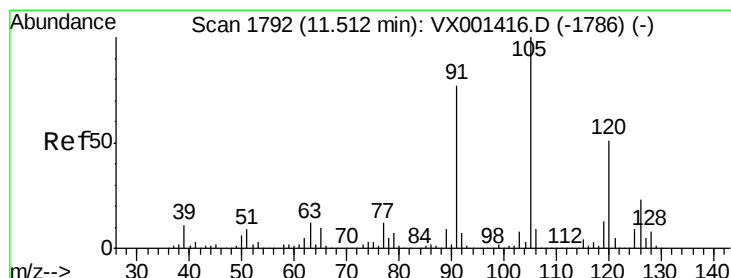
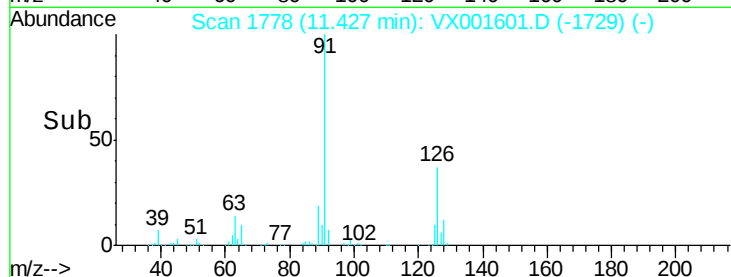
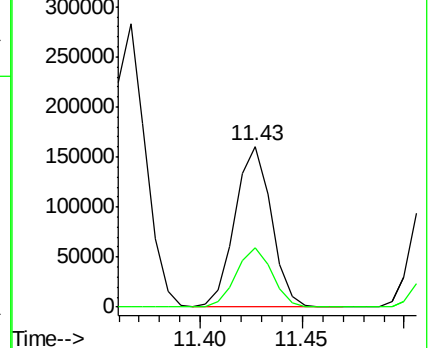
91 100

126 37.0 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: 21.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001601.D

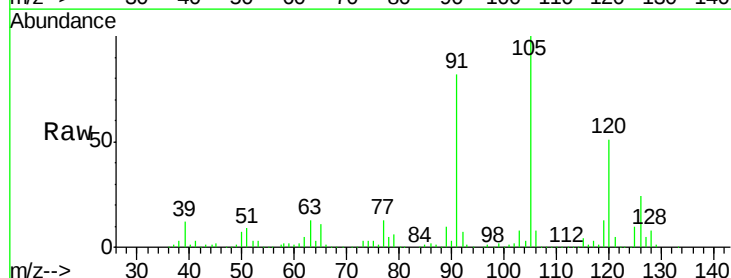
Acq: 10 May 2018 14:49

Tgt Ion: 105 Resp: 249694

Ion Ratio Lower Upper

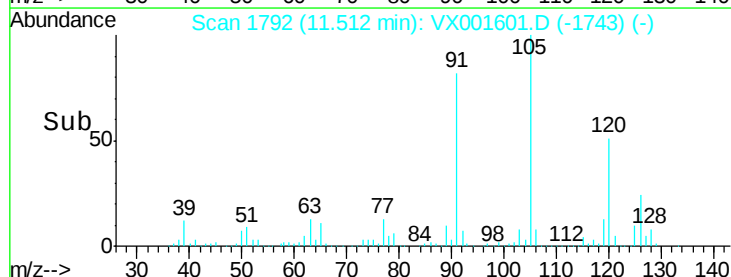
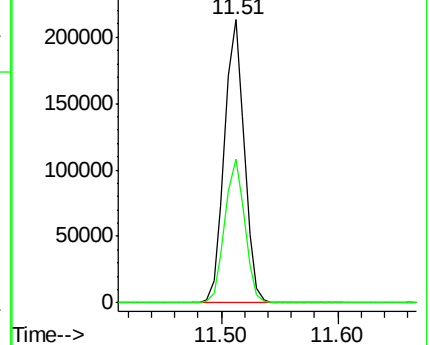
105 100

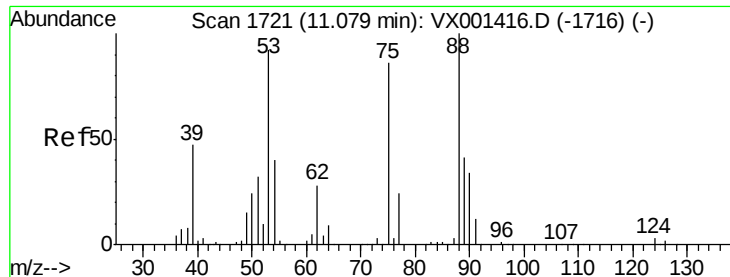
120 51.2 25.7 77.1



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: 20.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

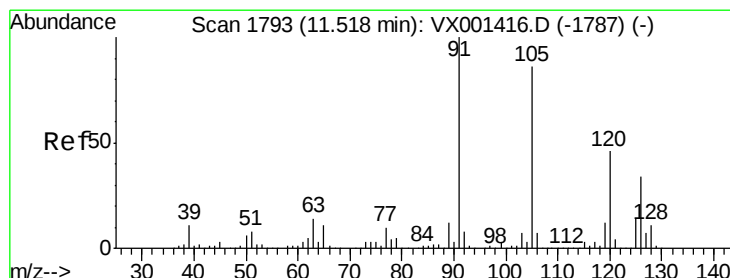
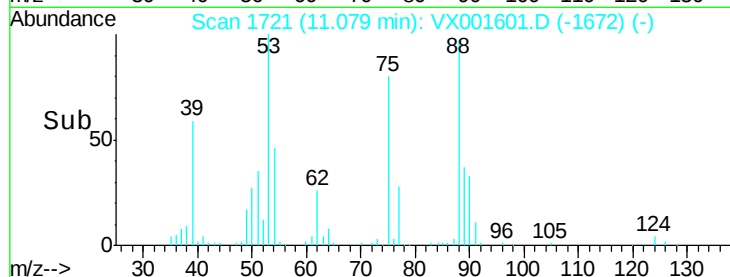
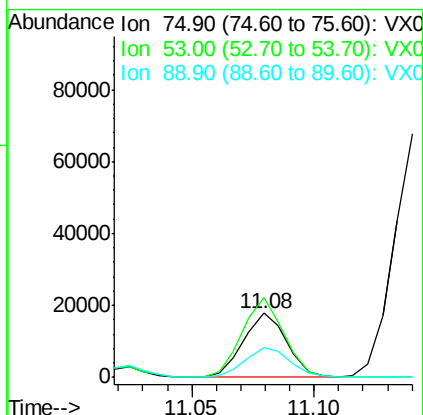
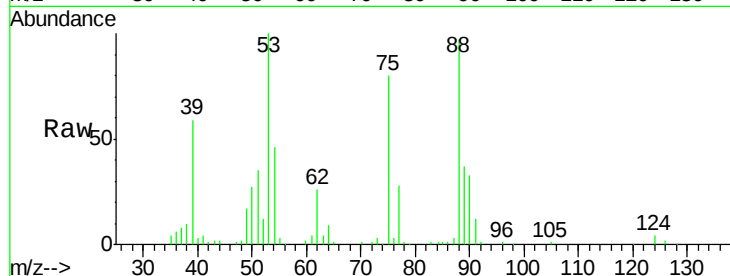
Tgt Ion: 75 Resp: 21979

Ion Ratio Lower Upper

75 100

53 121.7 84.5 126.7

89 49.1 39.5 59.3



#82

4-Chlorotoluene

Concen: 21.81 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001601.D

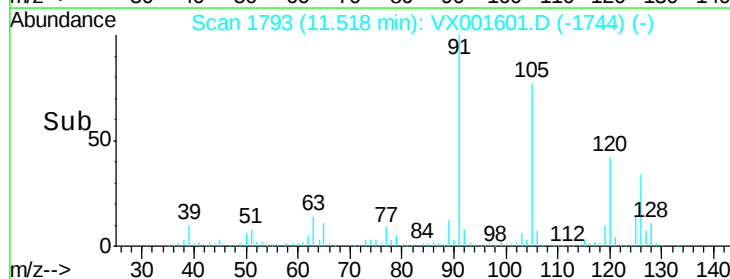
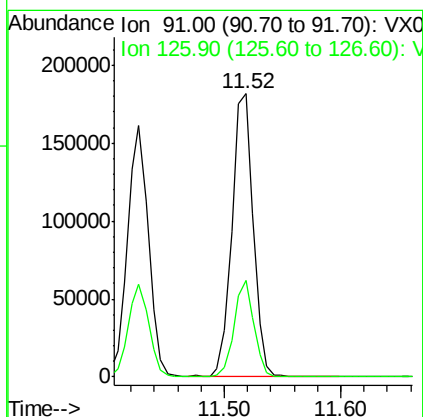
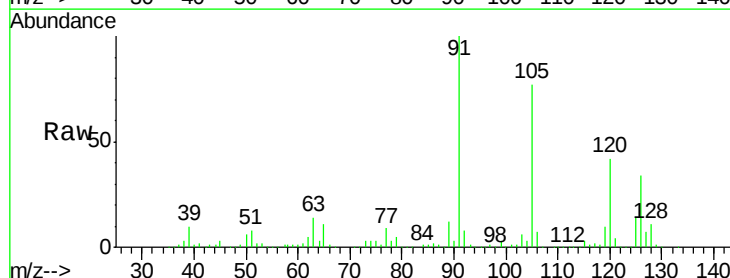
Acq: 10 May 2018 14:49

Tgt Ion: 91 Resp: 232451

Ion Ratio Lower Upper

91 100

126 31.7 16.2 48.5

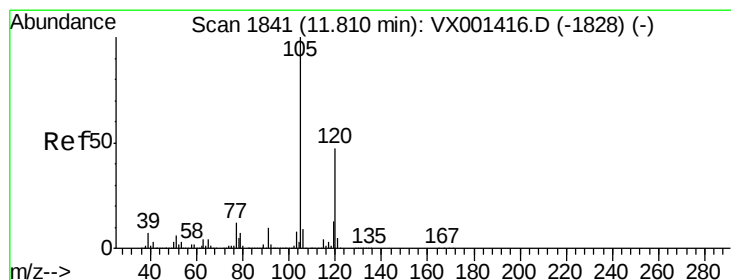
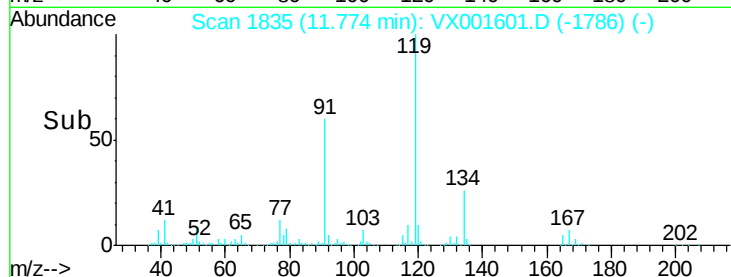
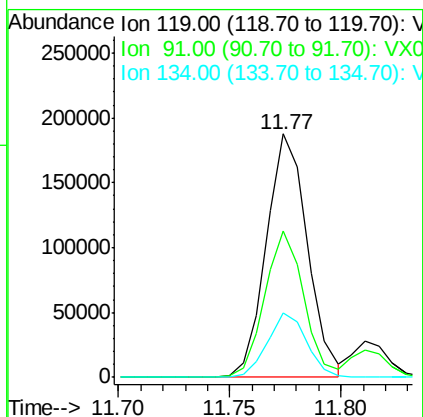
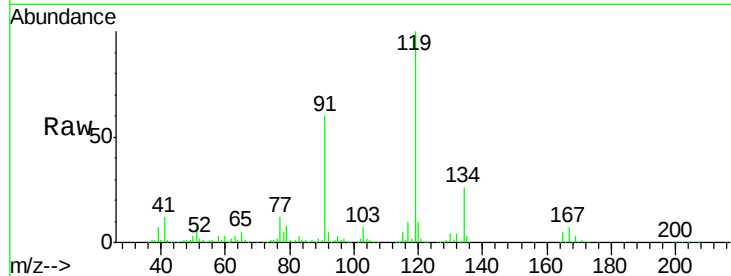




#83
 tert-Butylbenzene
 Concen: 21.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

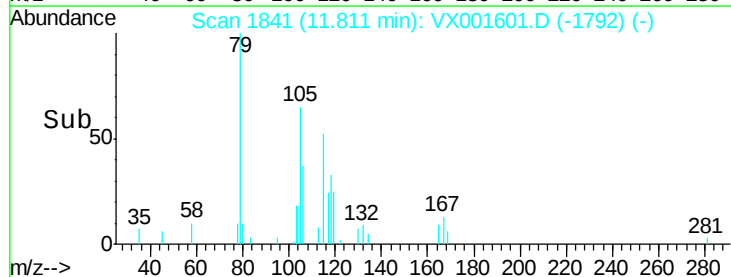
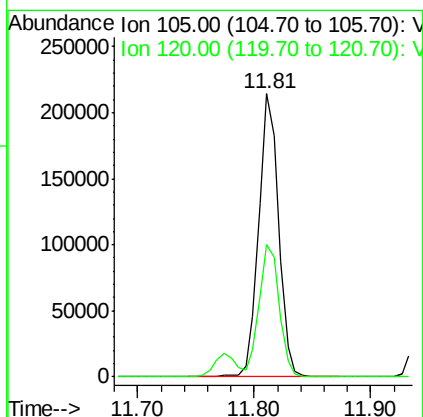
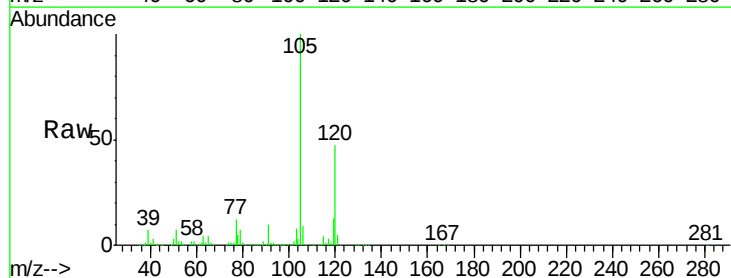
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

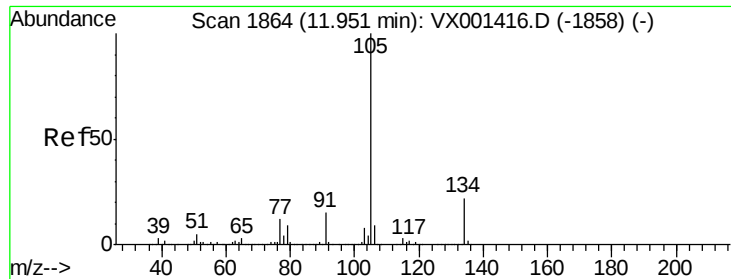
Tgt Ion:119 Resp: 240086
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.8 83.3
 134 25.5 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion:105 Resp: 257771
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.2

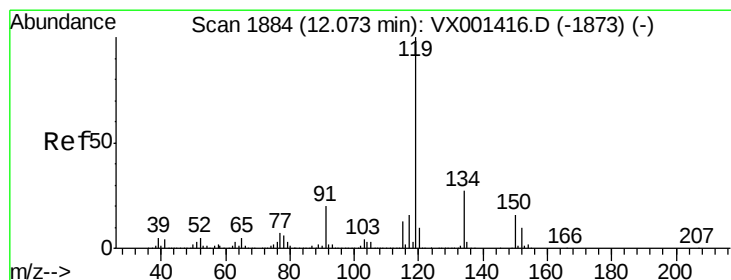
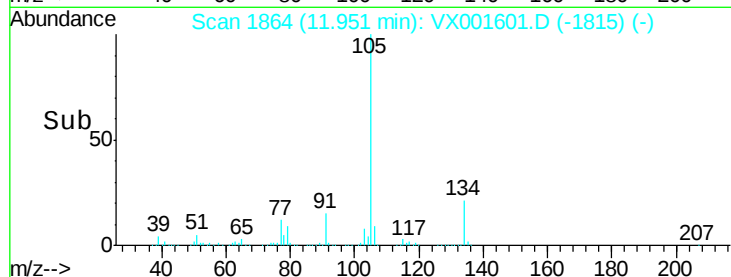
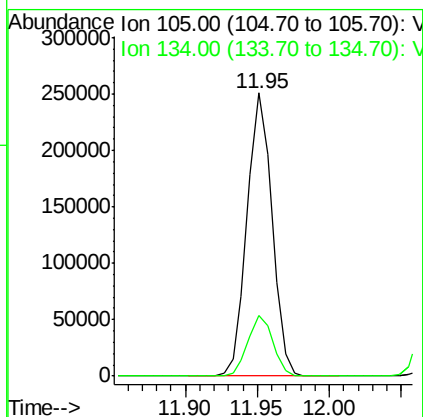
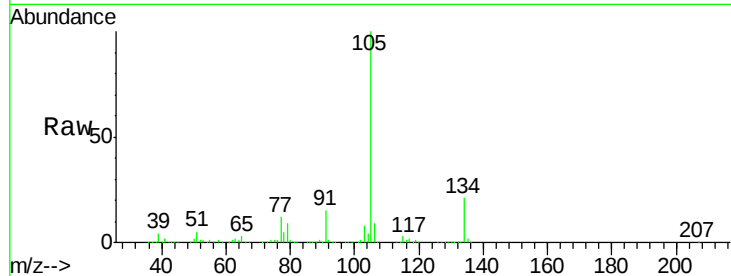




#85
 sec-Butylbenzene
 Concen: 21.97 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

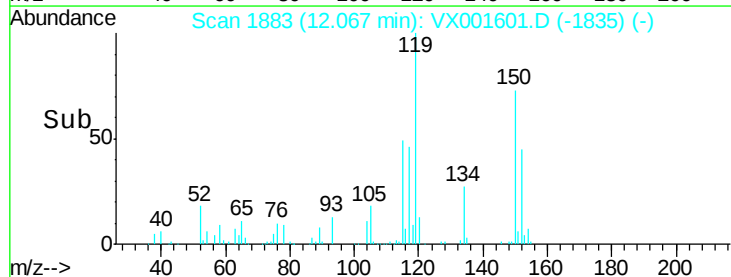
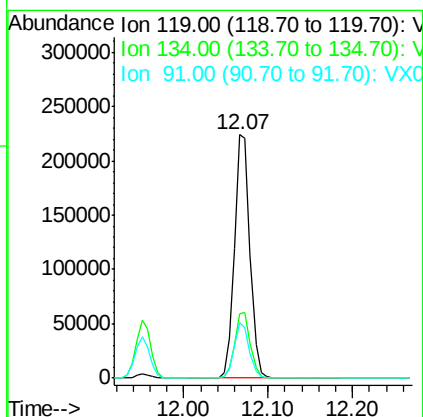
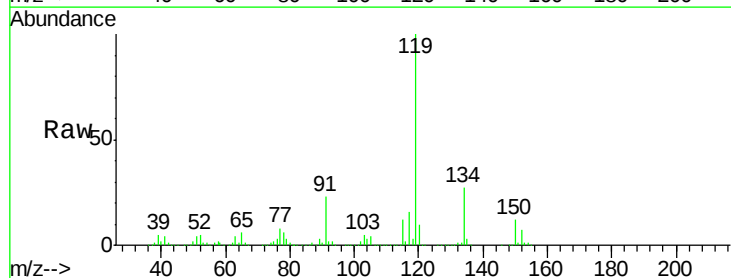
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

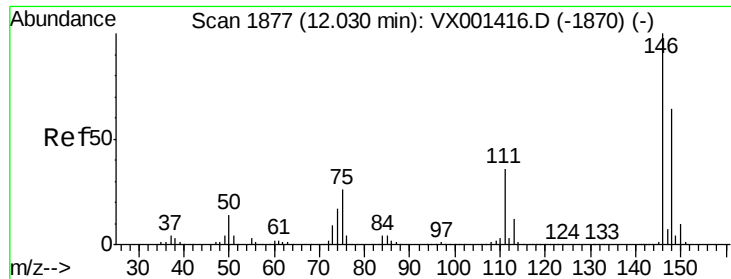
Tgt Ion:105 Resp: 301134
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 22.13 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion:119 Resp: 278299
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 22.3 10.8 32.3

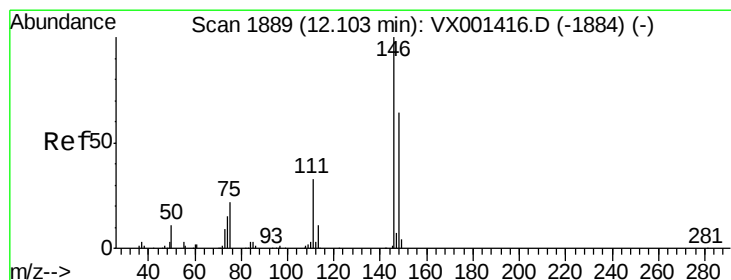
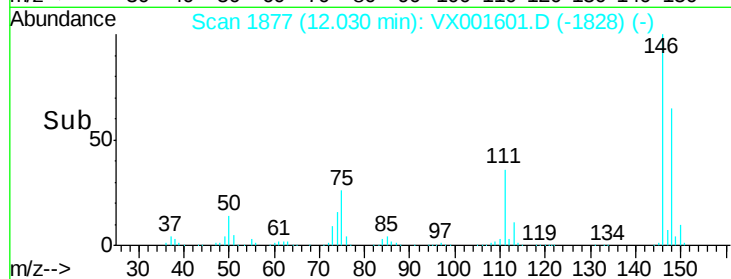
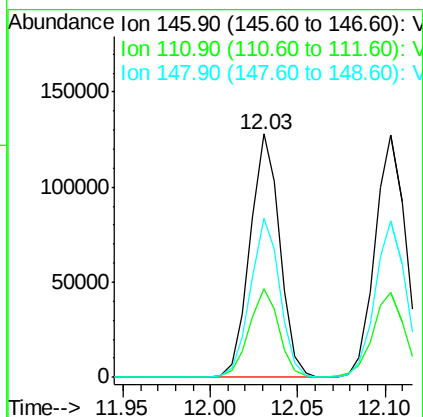
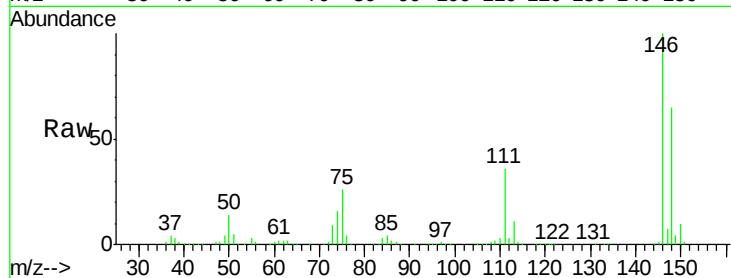




#87
 1,3-Dichlorobenzene
 Concen: 21.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

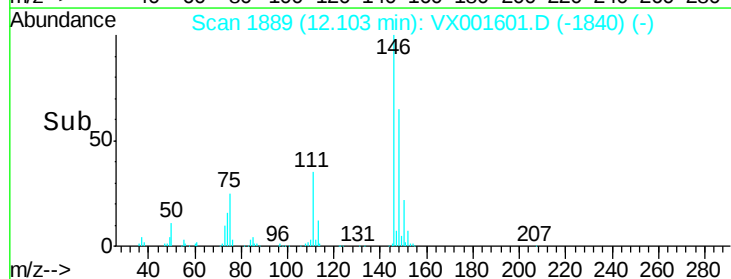
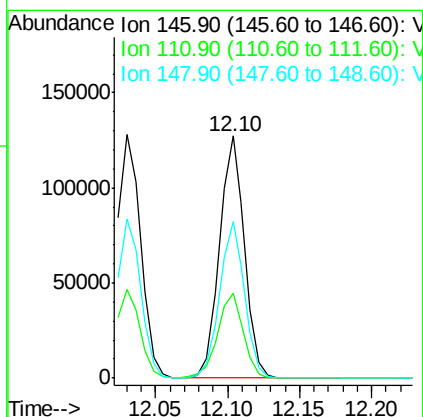
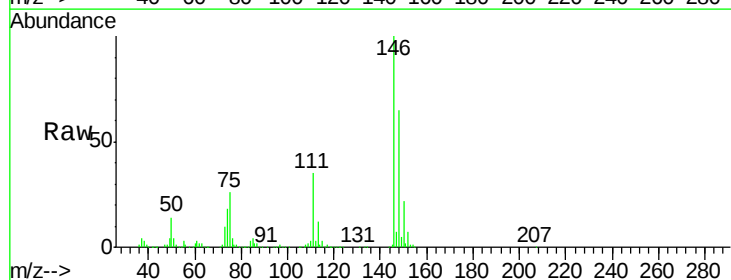
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

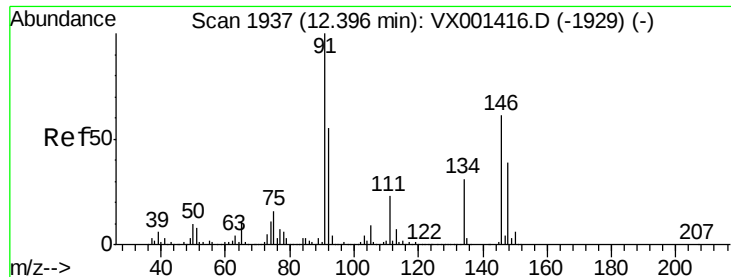
Tgt Ion:146 Resp: 152405
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.15 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion:146 Resp: 154543
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.4 52.3
 148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 21.15 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

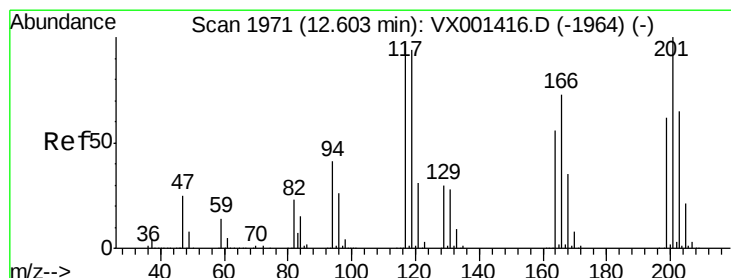
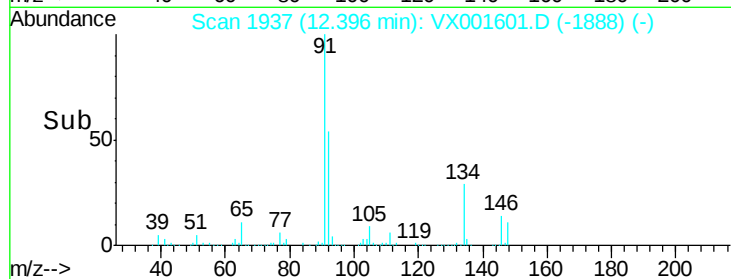
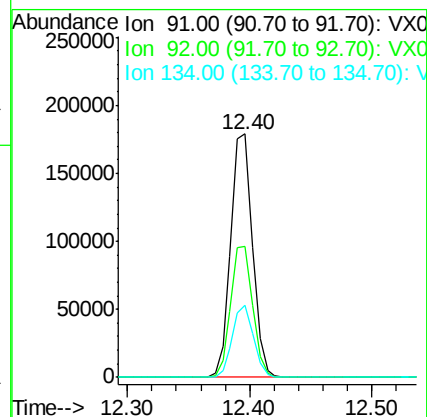
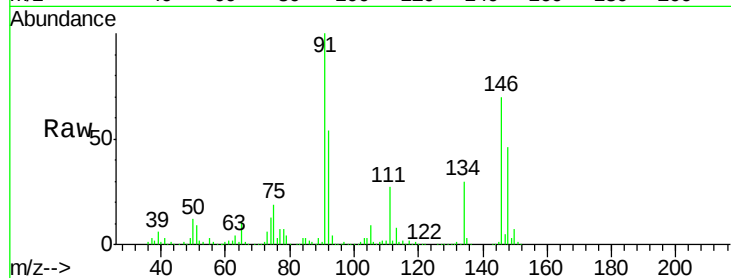
Tgt Ion: 91 Resp: 220382

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 28.6 14.6 44.0



#90

Hexachloroethane

Concen: 21.08 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001601.D

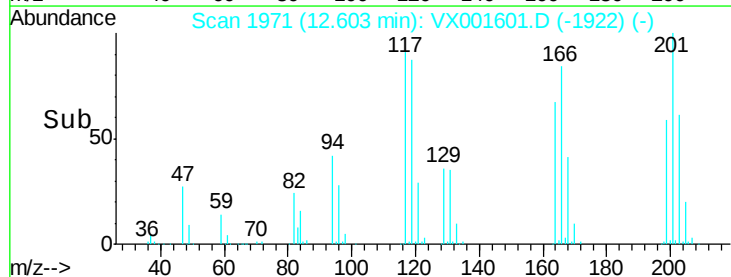
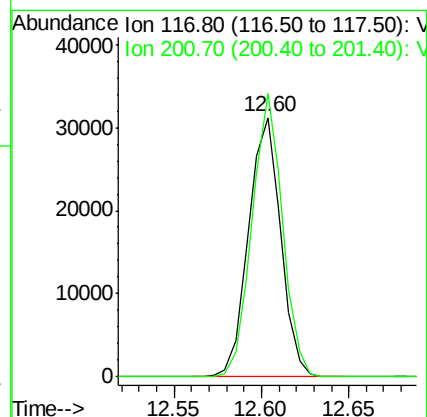
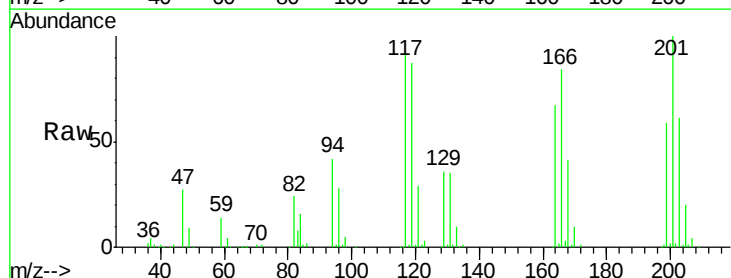
Acq: 10 May 2018 14:49

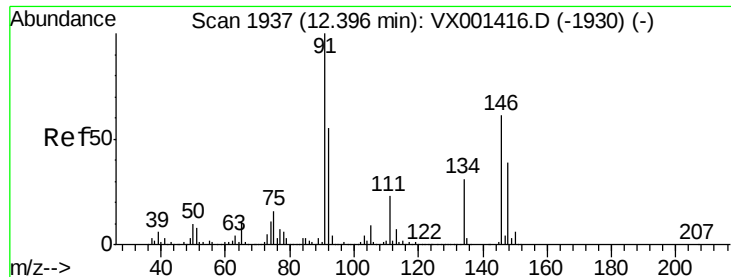
Tgt Ion: 117 Resp: 39917

Ion Ratio Lower Upper

117 100

201 103.1 51.5 154.5

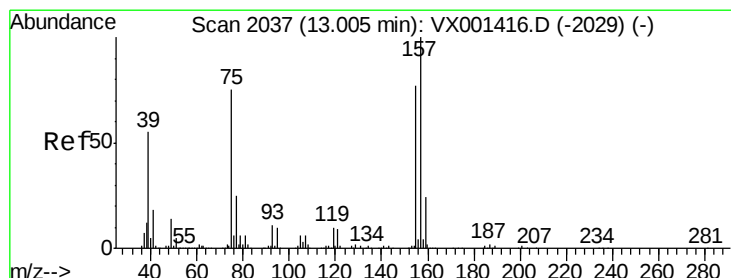
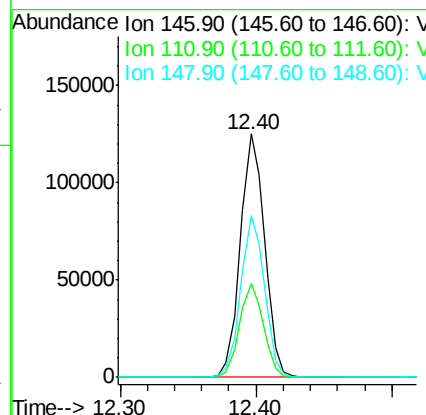
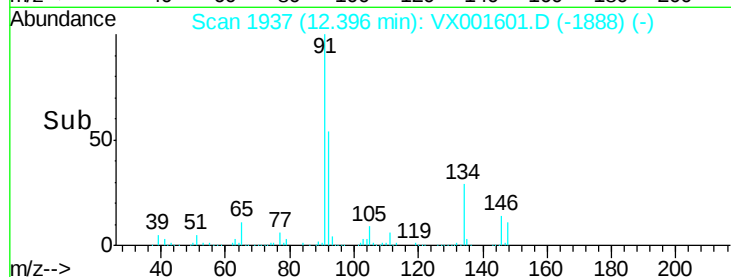
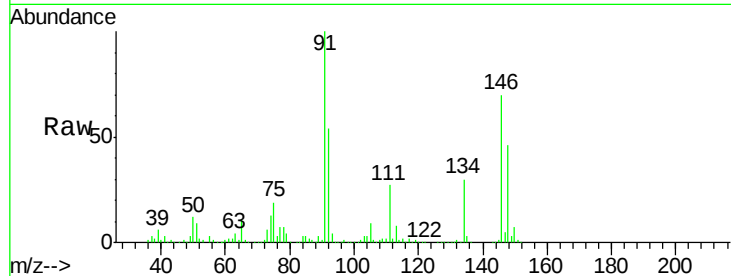




#91
 1,2-Dichlorobenzene
 Concen: 21.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

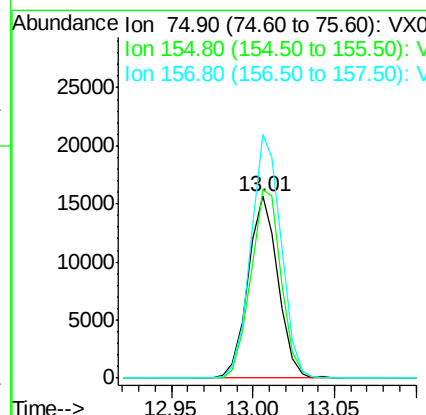
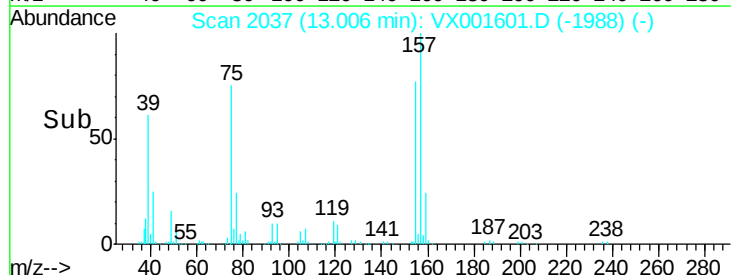
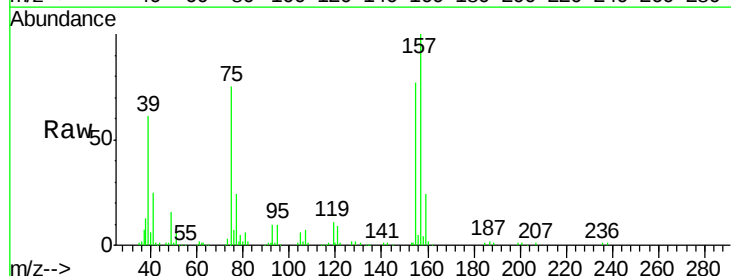
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

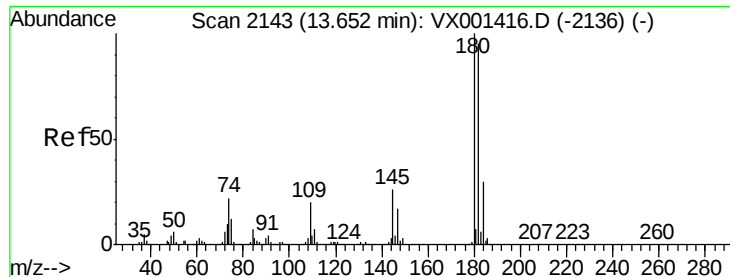
Tgt Ion:146 Resp: 155454
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 65.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion: 75 Resp: 19943
 Ion Ratio Lower Upper
 75 100
 155 105.9 53.4 160.2
 157 135.8 68.3 204.8

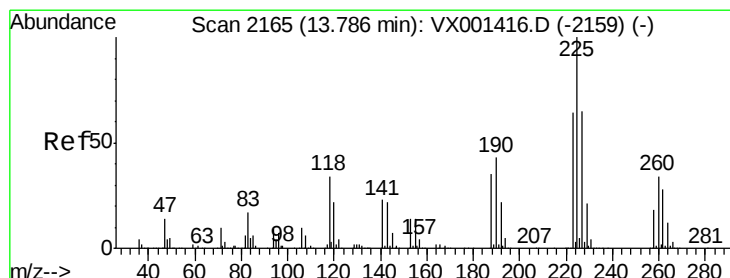
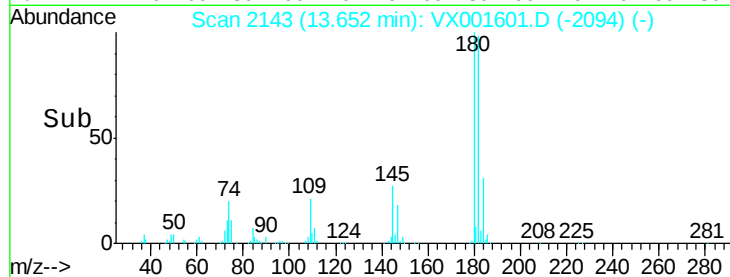
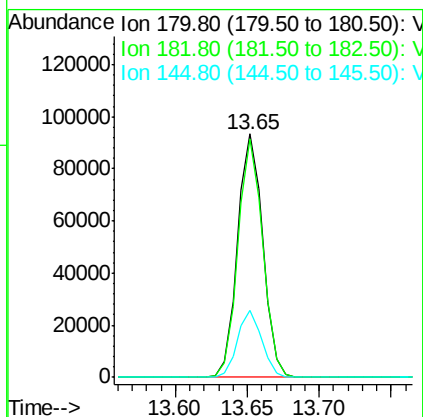
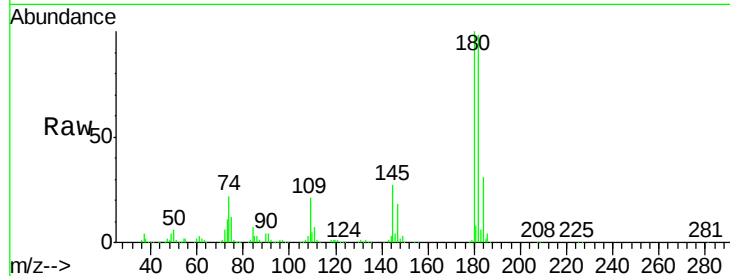




#93
 1,2,4-Trichlorobenzene
 Concen: 21.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

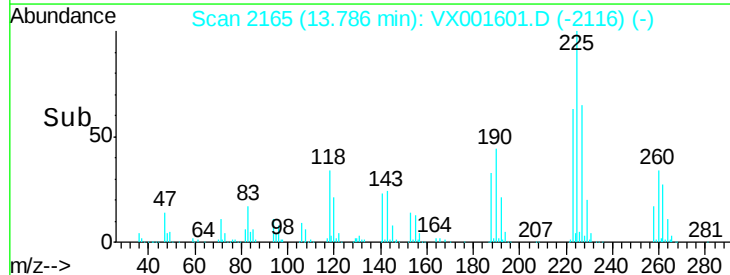
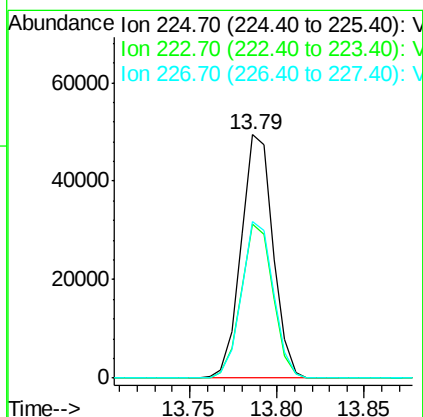
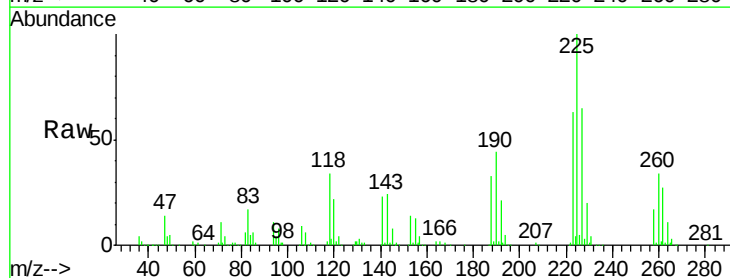
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

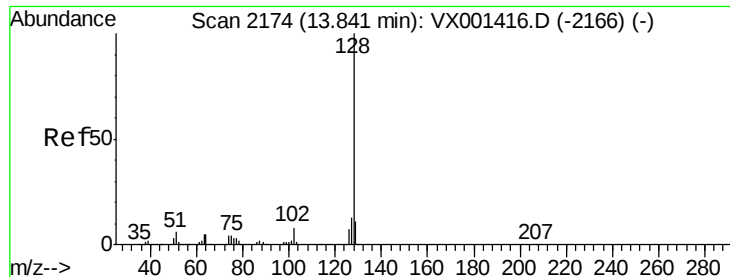
Tgt Ion:180 Resp: 113901
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 26.5 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 21.47 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001601.D
 Acq: 10 May 2018 14:49

Tgt Ion:225 Resp: 62664
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 64.6 32.4 97.2





#95

Naphthalene

Concen: 21.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

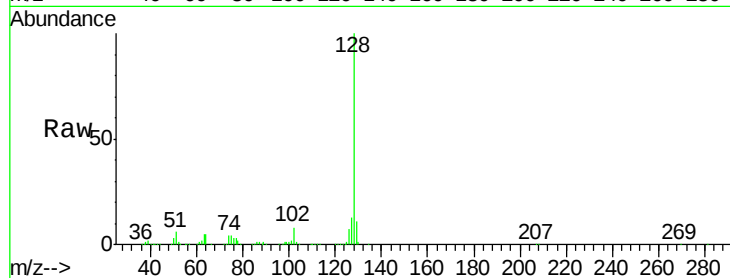
Tgt Ion:128 Resp: 323900

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

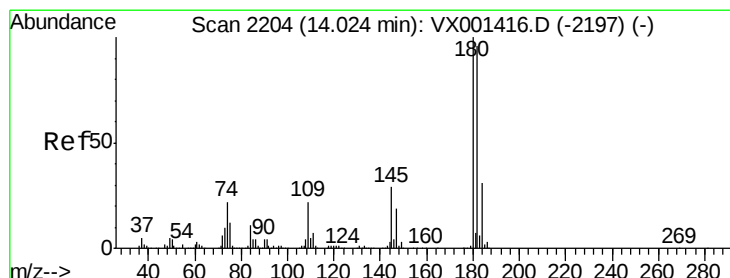
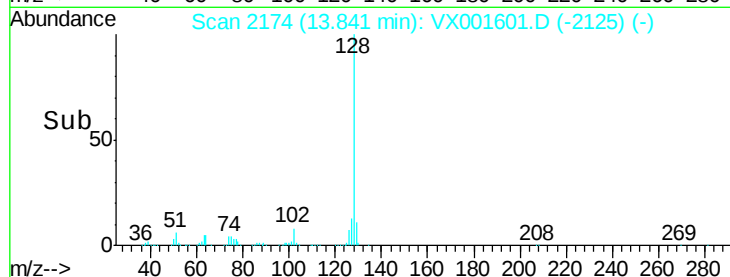
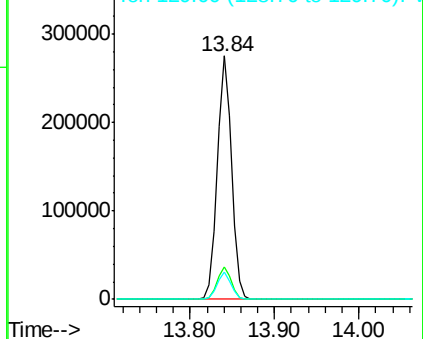
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001601.D

Acq: 10 May 2018 14:49

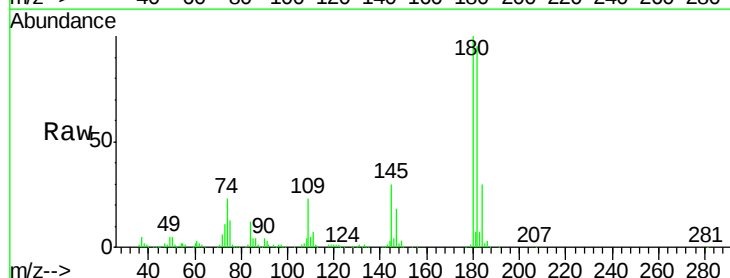
Tgt Ion:180 Resp: 118312

Ion Ratio Lower Upper

180 100

182 97.2 48.0 144.2

145 29.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

