

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001439.D
 Acq On : 06 May 2018 13:04
 Operator : JC/MD
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Quant Time: May 07 07:07:58 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	270657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189414	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	150425	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.72	98	554510	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	209927	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73648	20.21	ug/l	100
3) Chloromethane	1.32	50	66568	18.76	ug/l	99
4) Vinyl Chloride	1.40	62	70842	19.13	ug/l	98
5) Bromomethane	1.64	94	43707	23.99	ug/l	96
6) Chloroethane	1.72	64	45153	18.45	ug/l	98
7) Trichlorofluoromethane	1.93	101	110005	19.74	ug/l	99
8) Diethyl Ether	2.19	74	41226	18.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64436	19.72	ug/l	99
10) Methyl Iodide	2.51	142	82916	17.59	ug/l	99
11) Tert butyl alcohol	3.07	59	81644	99.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56582	18.89	ug/l	94
13) Acrolein	2.29	56	13898	77.92	ug/l	94
14) Allyl chloride	2.73	41	105049	18.81	ug/l	98
15) Acrylonitrile	3.15	53	169799	91.61	ug/l	100
16) Acetone	2.45	43	166030	93.99	ug/l	100
17) Carbon Disulfide	2.57	76	136574	17.92	ug/l	98
18) Methyl Acetate	2.78	43	88308	19.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	203582	19.52	ug/l	100
20) Methylene Chloride	2.85	84	63532	18.16	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	60463	18.09	ug/l	94
22) Diisopropyl ether	3.87	45	204690	19.62	ug/l	97
23) Vinyl Acetate	3.82	43	881285	101.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	111155	19.07	ug/l	99
25) 2-Butanone	4.71	43	243041	95.18	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88989	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68471	19.24	ug/l	99
28) Bromochloromethane	5.02	49	51712	20.46	ug/l	97
29) Tetrahydrofuran	5.17	42	152803	93.53	ug/l	100
30) Chloroform	5.21	83	116420	19.39	ug/l	99
31) Cyclohexane	5.57	56	98582	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	102312	19.50	ug/l	98
36) 1,1-Dichloropropene	5.80	75	84571	19.22	ug/l	100
37) Ethyl Acetate	4.87	43	91842	19.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	91732	19.54	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104509	20.08	ug/l	96
40) Benzene	6.15	78	251250	19.54	ug/l	99
41) Methacrylonitrile	5.07	41	52387	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	100329	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	148152	20.00	ug/l	99
44) Trichloroethene	7.21	130	78128	19.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	63665	19.87	ug/l	96
46) Dibromomethane	7.67	93	44383	19.56	ug/l	99
47) Bromodichloromethane	7.90	83	83147	19.80	ug/l	99
48) Methyl methacrylate	7.78	41	78558	19.48	ug/l	98
49) 1,4-Dioxane	7.76	88	34523	396.23	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	485480	98.64	ug/l	98
52) Toluene	8.79	92	167516	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95587	20.14	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	87553	19.30	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	66606	19.67	ug/l	98
56) Ethyl methacrylate	9.18	69	94861	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	111271	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247503	103.37	ug/l	99
59) 2-Hexanone	9.50	43	365482	96.98	ug/l	99
60) Dibromochloromethane	9.59	129	69074	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71436	20.09	ug/l	100
64) Tetrachloroethene	9.34	164	94607	20.65	ug/l	98
65) Chlorobenzene	10.14	112	190073	19.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69700	20.21	ug/l	99
67) Ethyl Benzene	10.26	91	312765	19.79	ug/l	99
68) m/p-Xylenes	10.37	106	252887	40.50	ug/l	100
69) o-Xylene	10.70	106	120931	19.93	ug/l	98
70) Styrene	10.72	104	198884	20.18	ug/l	100
71) Bromoform	10.86	173	53709	18.61	ug/l	98
73) Isopropylbenzene	11.02	105	330452	20.29	ug/l	99
74) N-amyl acetate	6.47	43	148152	20.02	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91673	19.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	107733	22.58	ug/l	92
77) Bromobenzene	11.26	156	93150	19.67	ug/l	99
78) n-propylbenzene	11.37	91	368211	20.76	ug/l	99
79) 2-Chlorotoluene	11.43	91	220692	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	279088	20.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22575	18.08	ug/l	87
82) 4-Chlorotoluene	11.52	91	257318	20.43	ug/l	99
83) tert-Butylbenzene	11.77	119	268690	19.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	286492	20.55	ug/l	100
85) sec-Butylbenzene	11.95	105	336478	20.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	309658	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	171352	20.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171497	19.86	ug/l	99
89) n-Butylbenzene	12.40	91	250558	20.35	ug/l	99
90) Hexachloroethane	12.60	117	43689	19.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170567	19.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20917	19.79	ug/l	95

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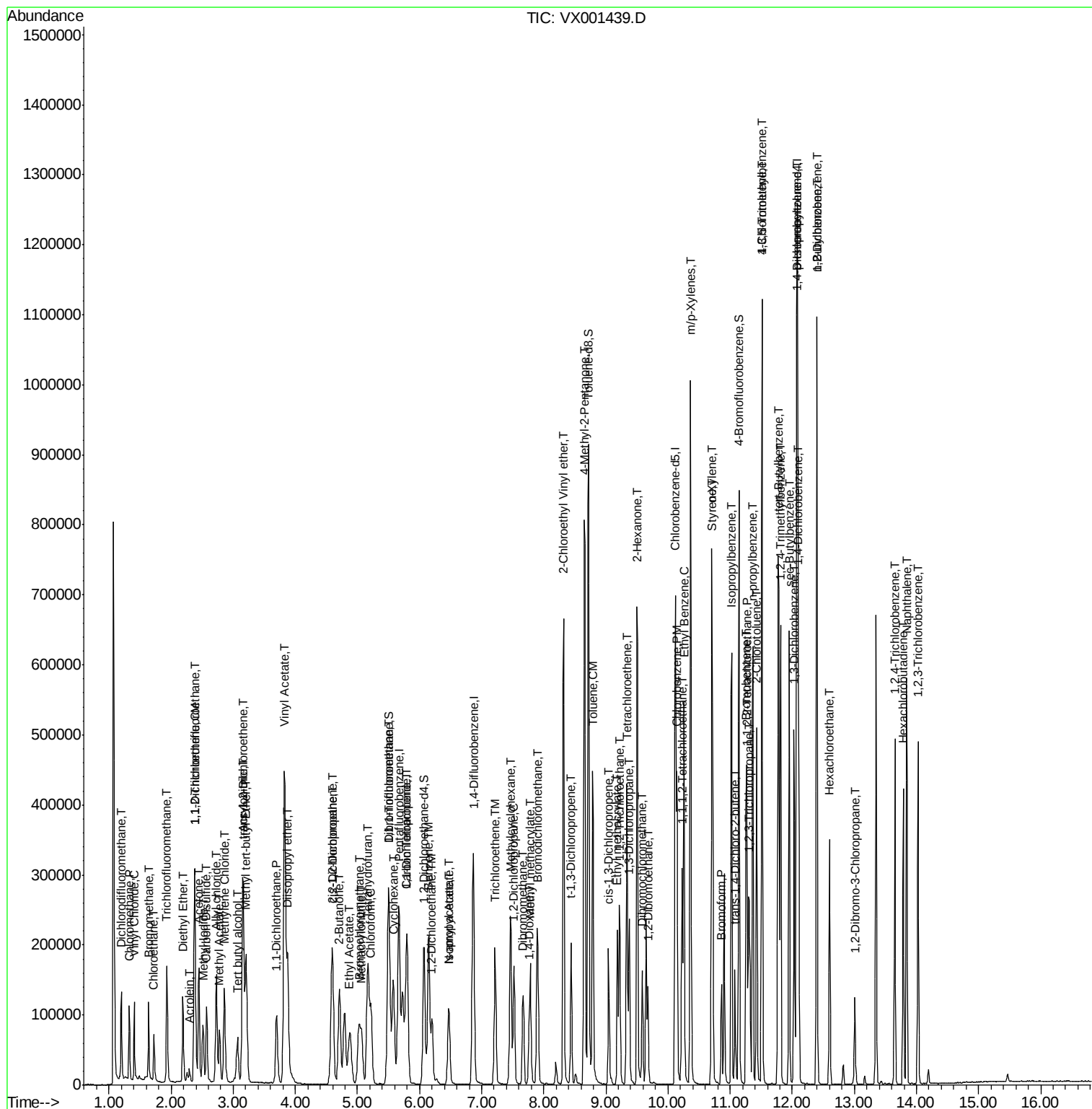
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

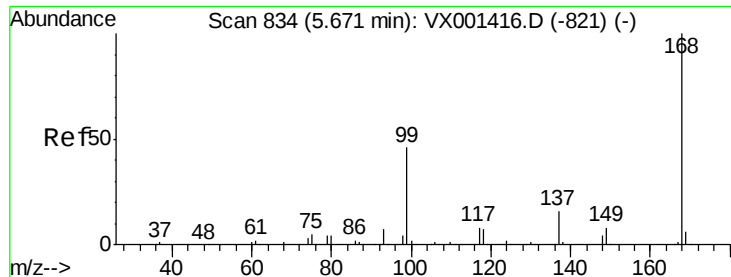
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128145	20.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	69257	20.08	ug/l	100
95) Naphthalene	13.84	128	350762	20.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132064	20.42	ug/l	99

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

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Quant Title : SW846 8260
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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: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

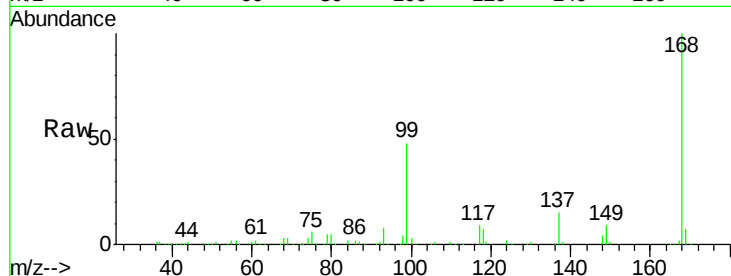
VX0506WBS01

Tgt Ion:168 Resp: 270657

Ion Ratio Lower Upper

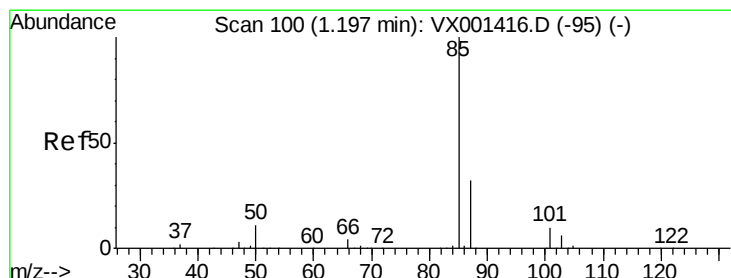
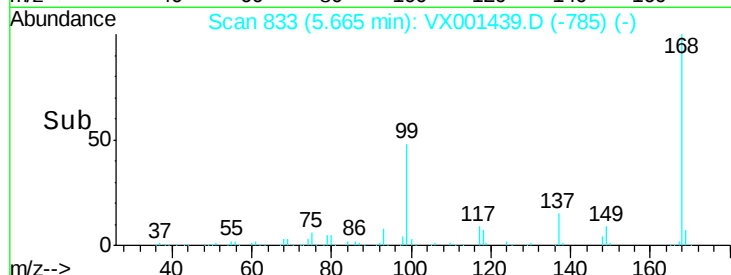
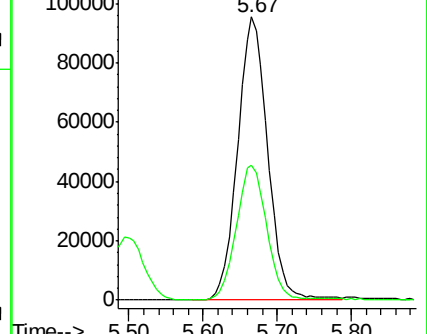
168 100

99 47.6 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: 20.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001439.D

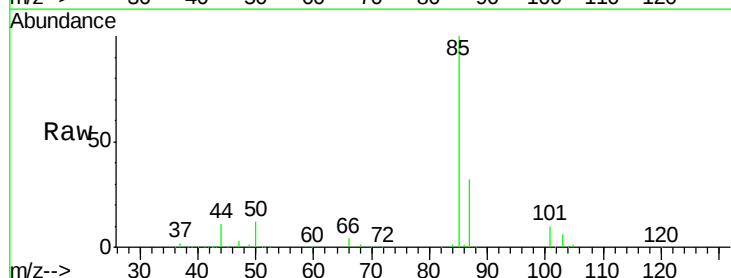
Acq: 06 May 2018 13:04

Tgt Ion: 85 Resp: 73648

Ion Ratio Lower Upper

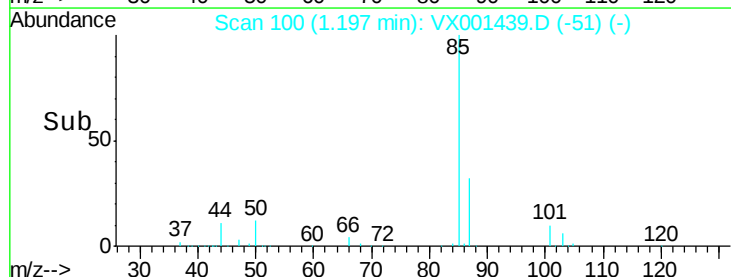
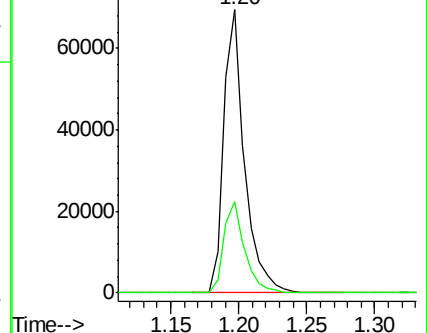
85 100

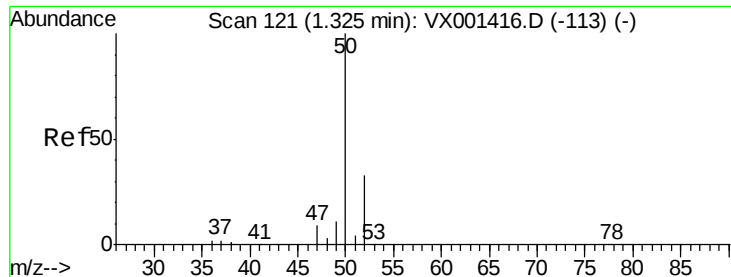
87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

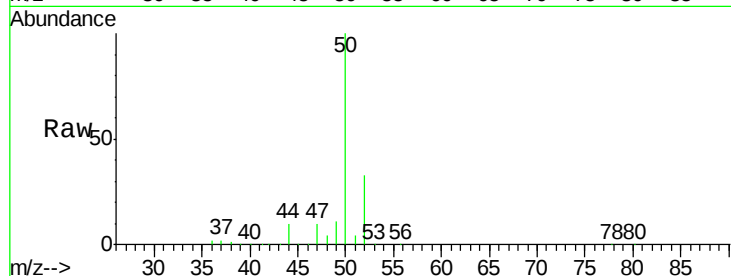
VX0506WBS01

Tgt Ion: 50 Resp: 66568

Ion Ratio Lower Upper

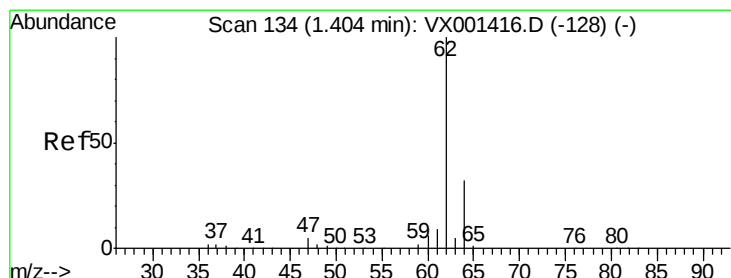
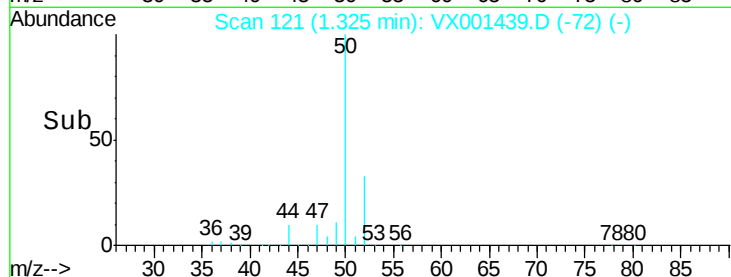
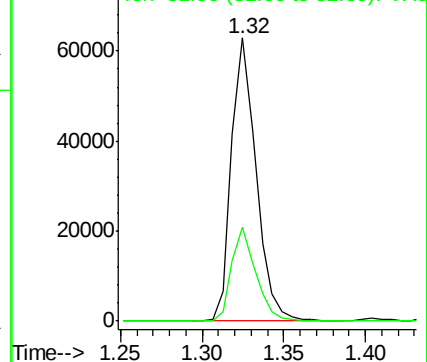
50 100

52 33.2 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: 19.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001439.D

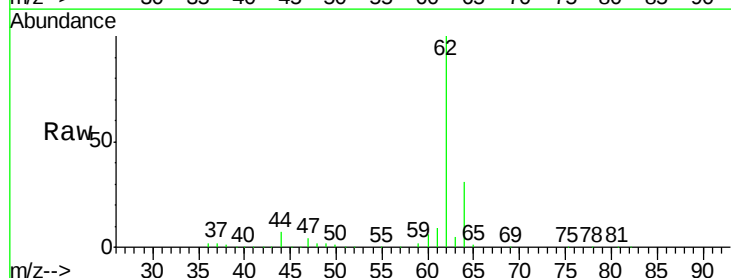
Acq: 06 May 2018 13:04

Tgt Ion: 62 Resp: 70842

Ion Ratio Lower Upper

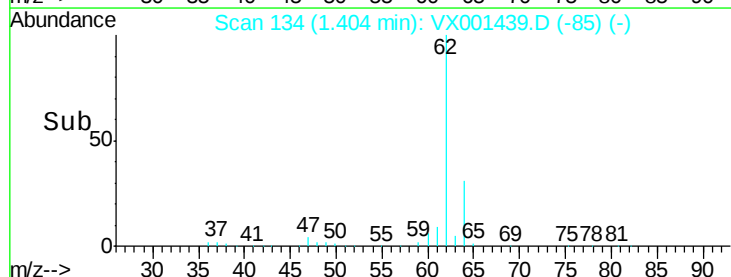
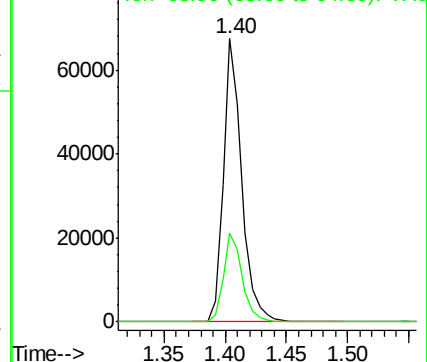
62 100

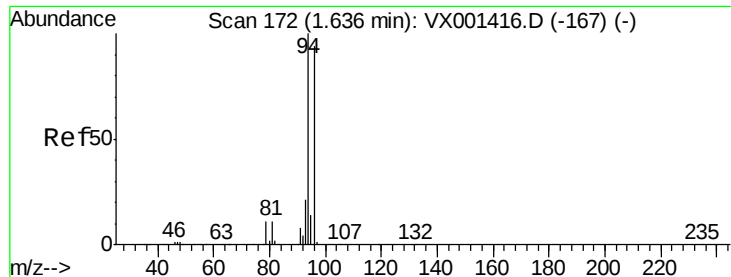
64 31.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

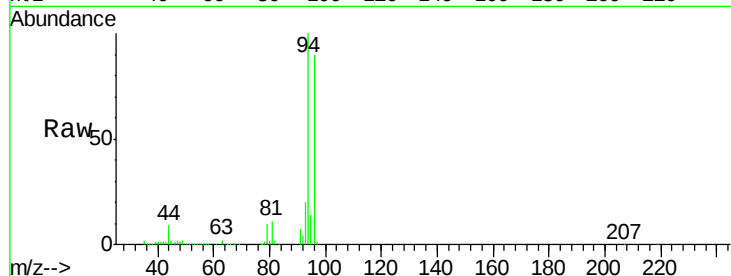
VX0506WBS01

Tgt Ion: 94 Resp: 43707

Ion Ratio Lower Upper

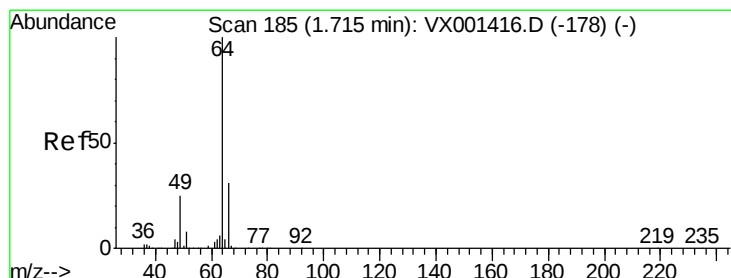
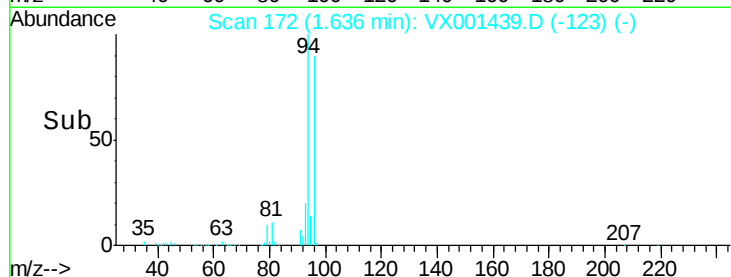
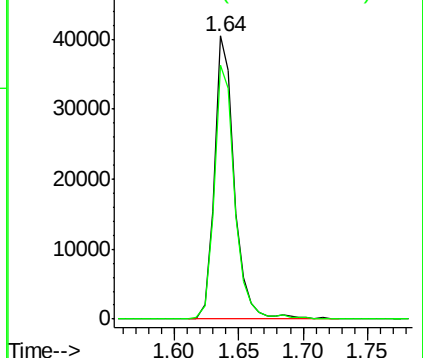
94 100

96 89.9 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: 18.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001439.D

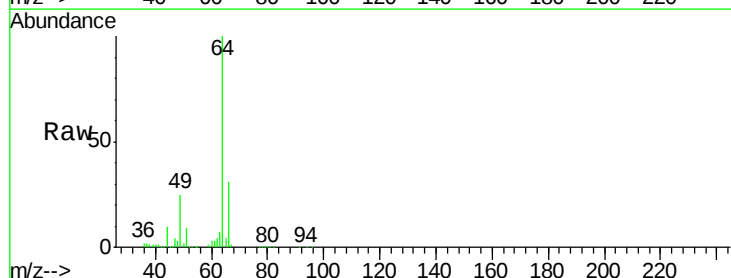
Acq: 06 May 2018 13:04

Tgt Ion: 64 Resp: 45153

Ion Ratio Lower Upper

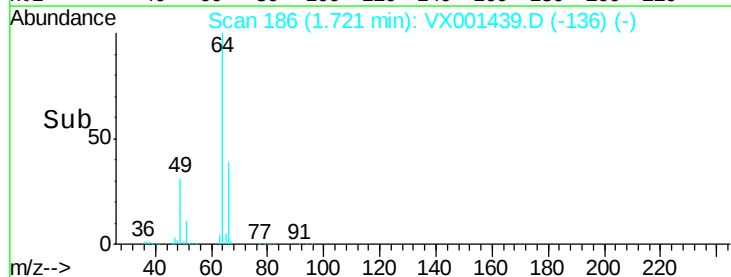
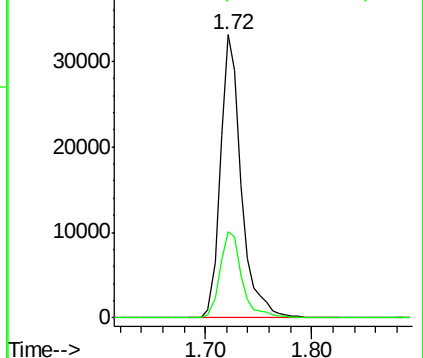
64 100

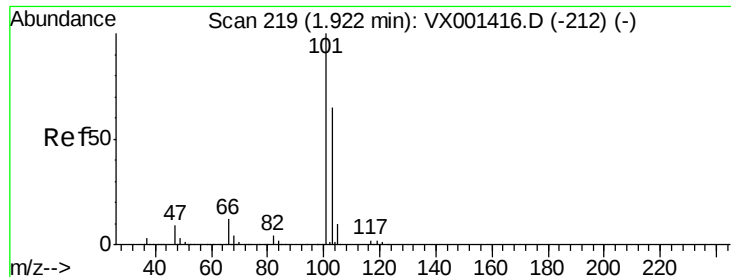
66 30.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



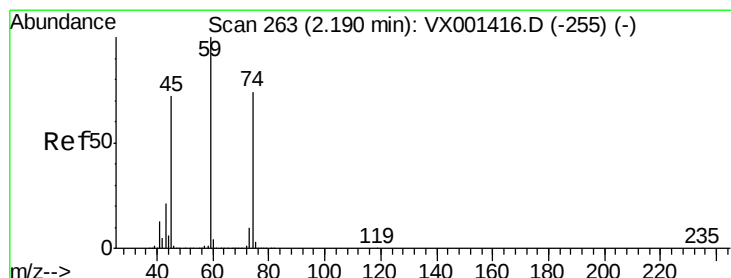
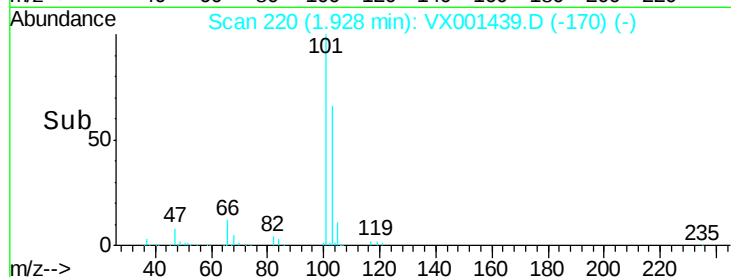
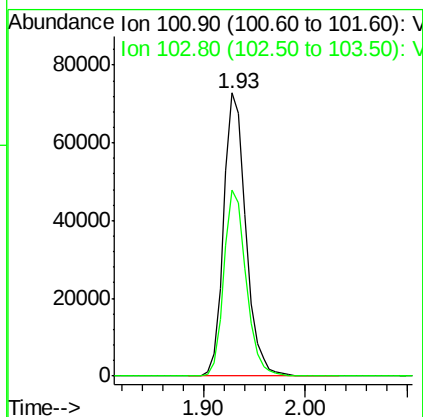
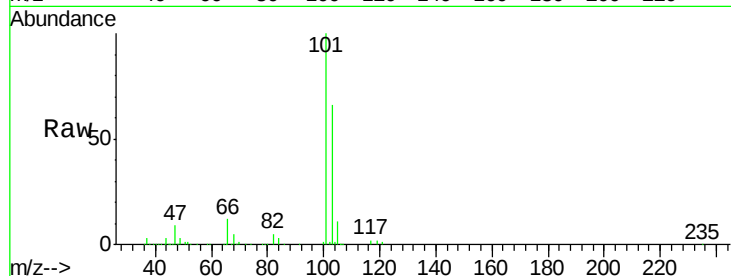


#7

Trichlorofluoromethane
Concen: 19.74 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

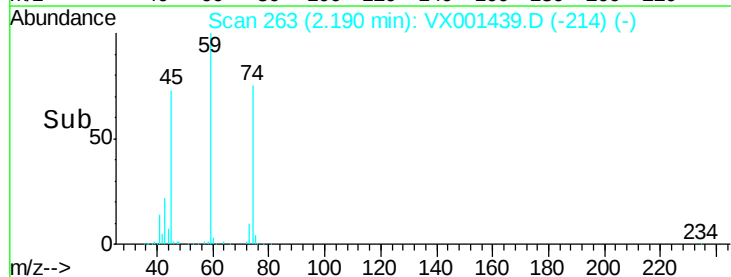
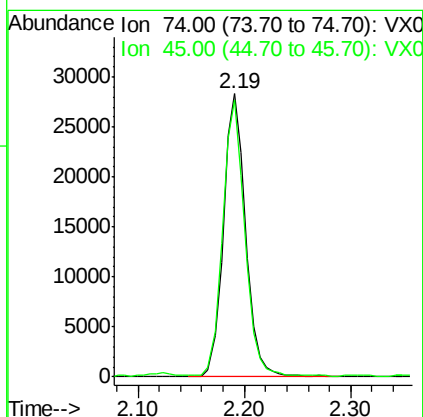
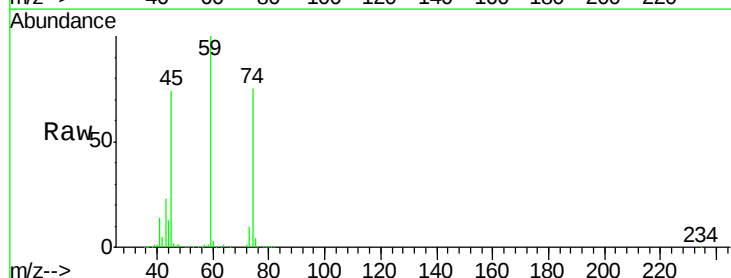
Tgt Ion:101 Resp: 110005
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

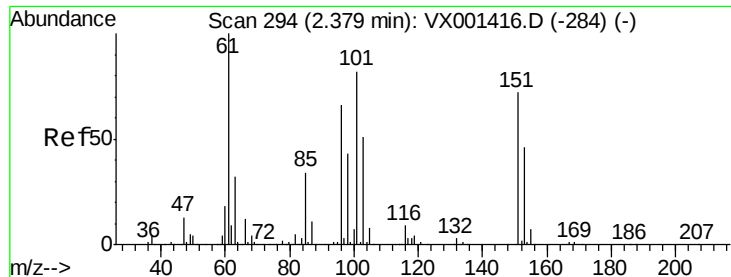


#8

Diethyl Ether
Concen: 18.87 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 74 Resp: 41226
Ion Ratio Lower Upper
74 100
45 97.0 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

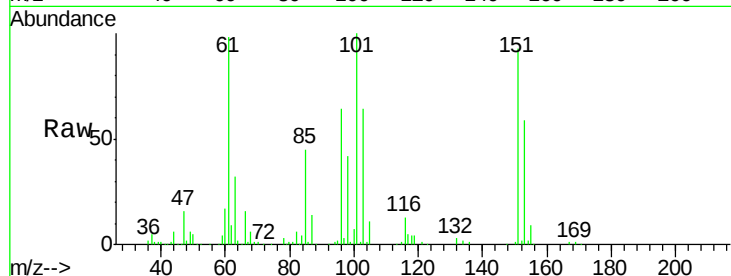
Tgt Ion:101 Resp: 64436

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

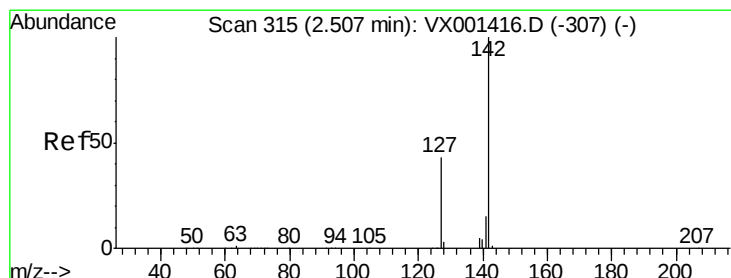
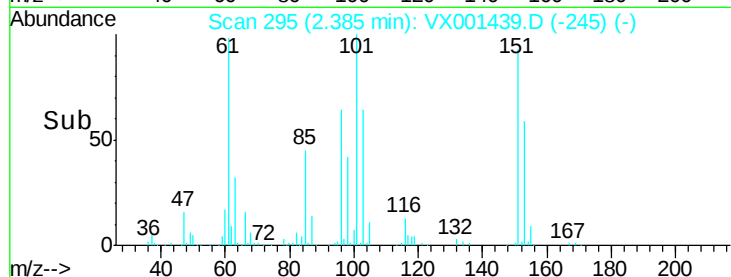
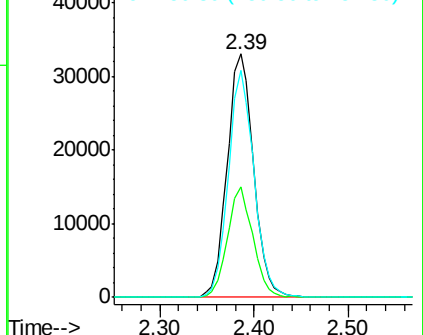
151 90.5 72.3 108.5



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: 17.59 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

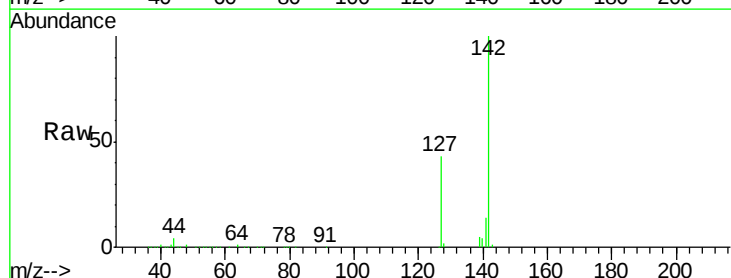
Tgt Ion:142 Resp: 82916

Ion Ratio Lower Upper

142 100

127 42.9 33.6 50.4

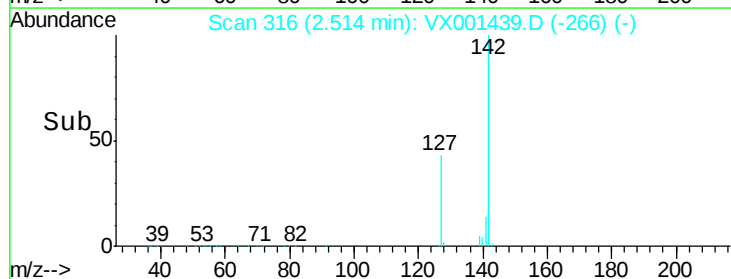
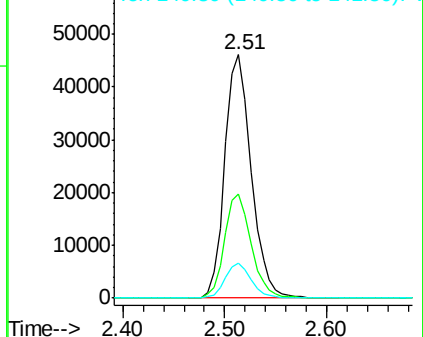
141 14.2 11.4 17.2

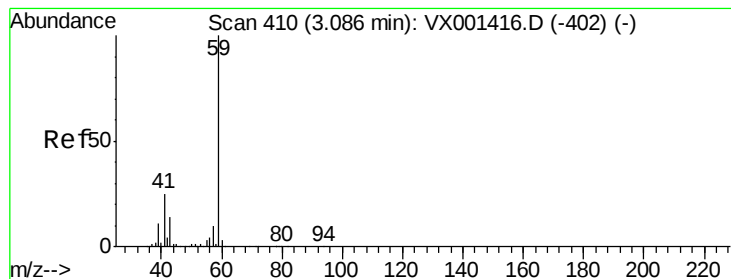


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.54 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.02 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

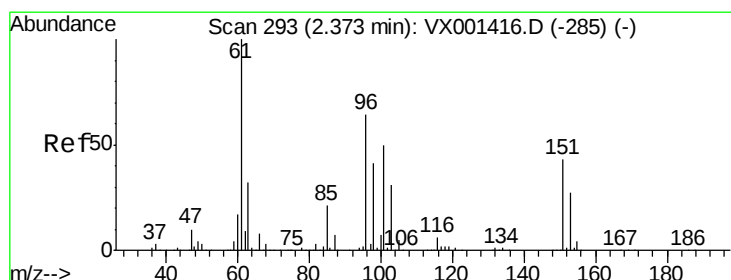
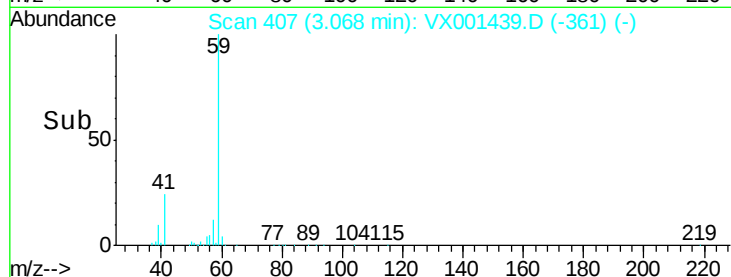
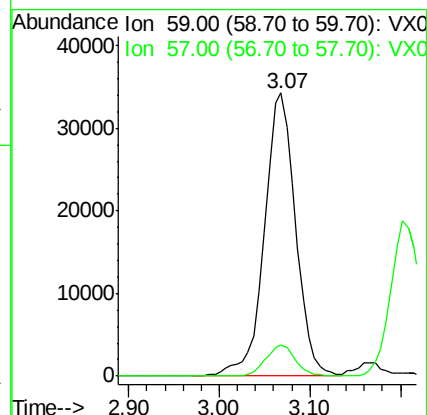
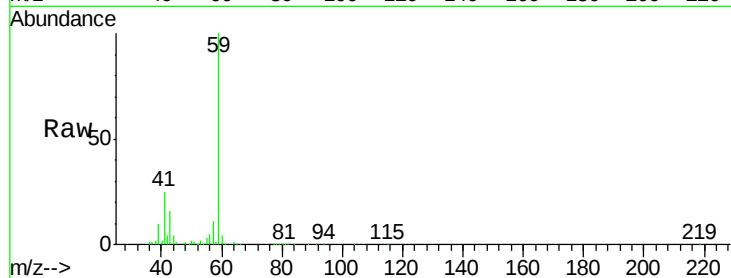
VX0506WBS01

Tgt Ion: 59 Resp: 81644

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.89 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

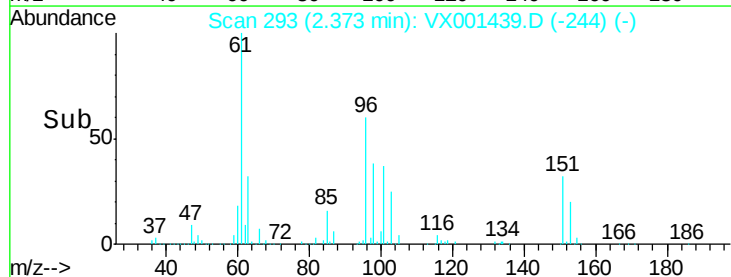
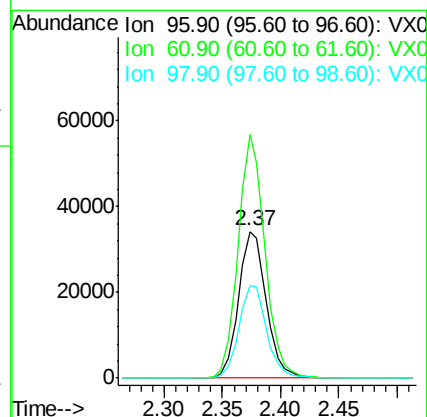
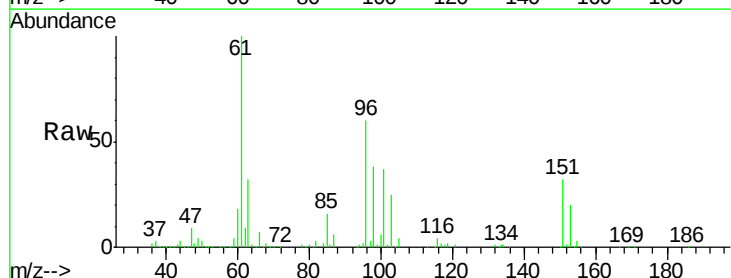
Tgt Ion: 96 Resp: 56582

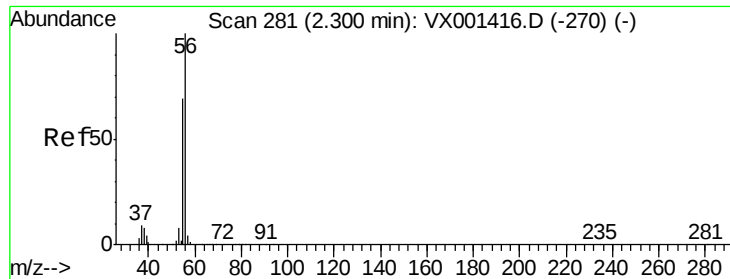
Ion Ratio Lower Upper

96 100

61 166.3 125.7 188.5

98 63.6 52.0 78.0





#13

Acrolein

Concen: 77.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

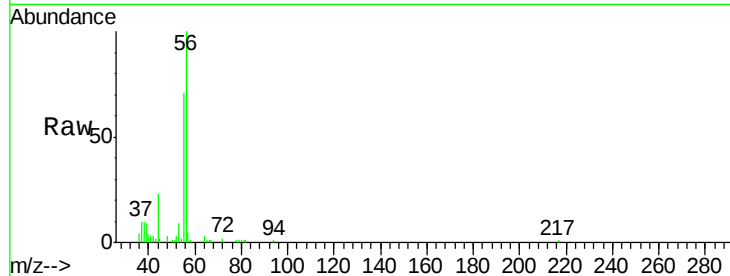
VX0506WBS01

Tgt Ion: 56 Resp: 13898

Ion Ratio Lower Upper

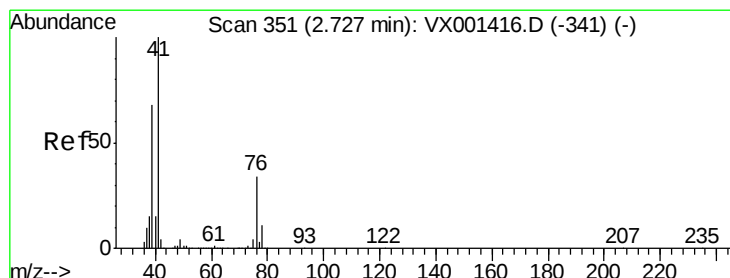
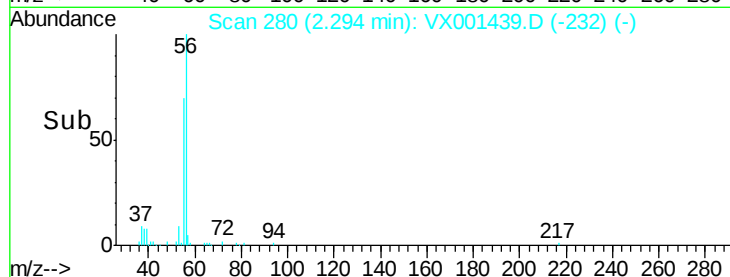
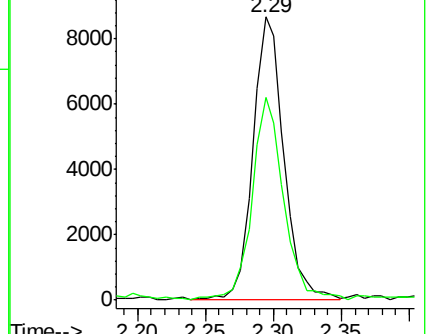
56 100

55 73.2 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

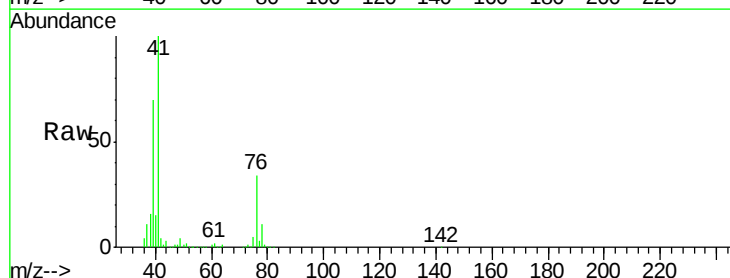
Tgt Ion: 41 Resp: 105049

Ion Ratio Lower Upper

41 100

39 67.5 52.4 78.6

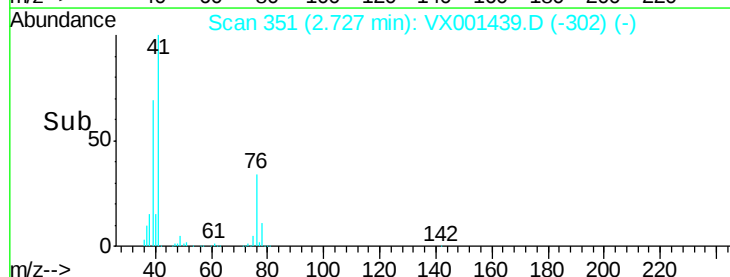
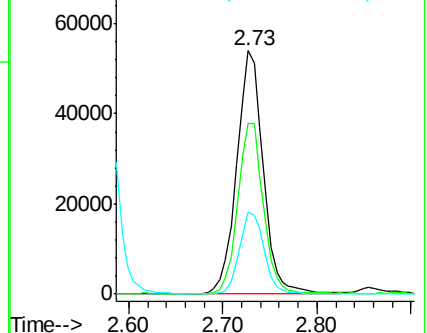
76 31.6 25.8 38.6

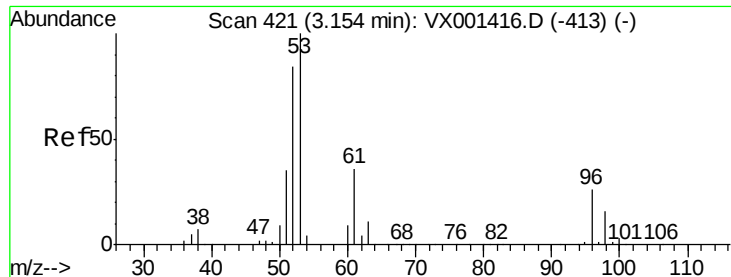


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.61 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

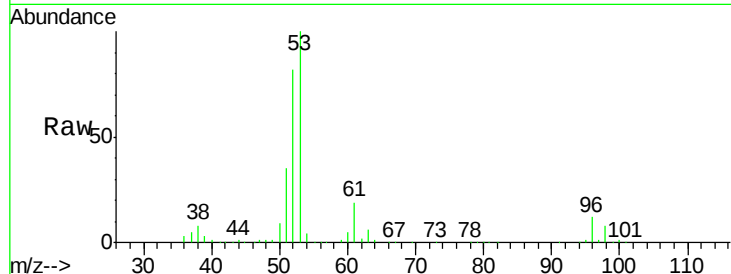
Tgt Ion: 53 Resp: 169799

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

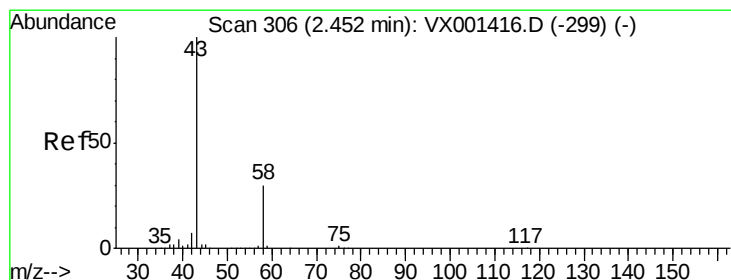
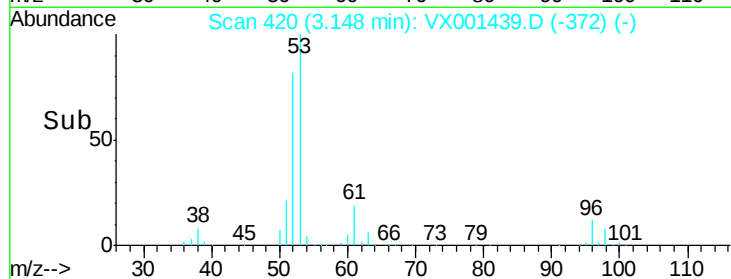
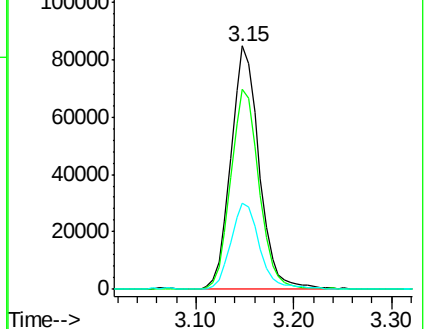
51 36.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001439.D

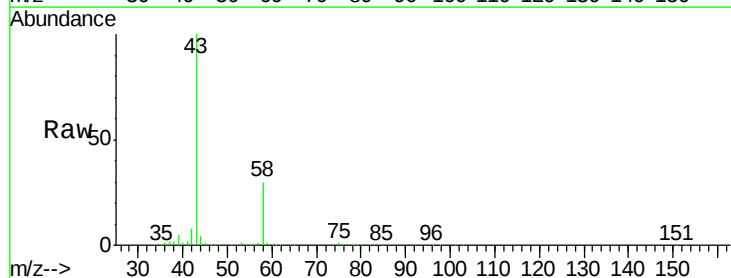
Acq: 06 May 2018 13:04

Tgt Ion: 43 Resp: 166030

Ion Ratio Lower Upper

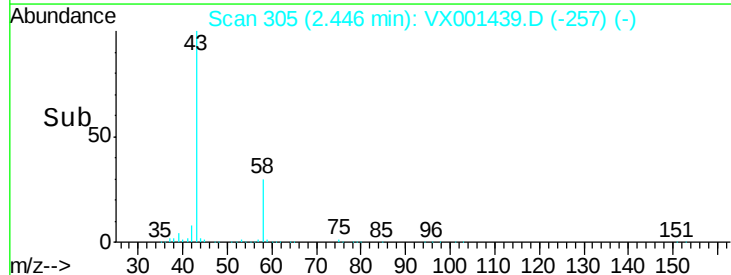
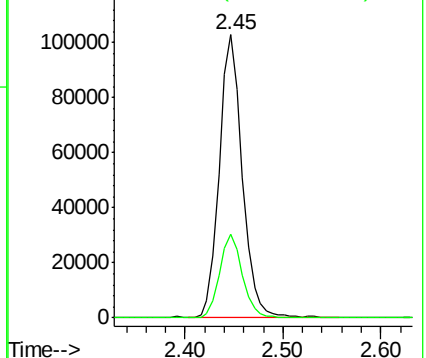
43 100

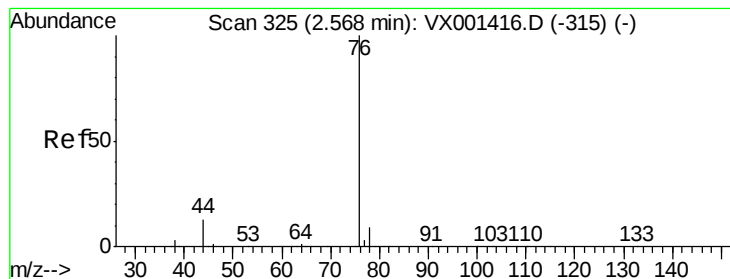
58 29.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

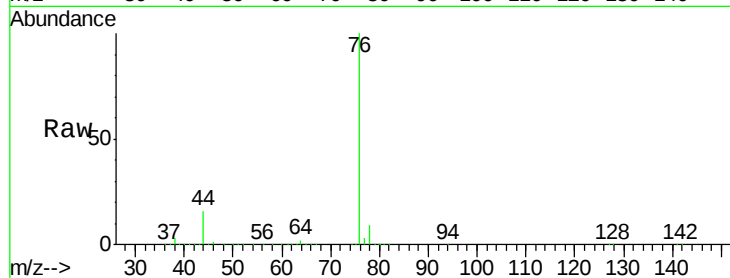
VX0506WBS01

Tgt Ion: 76 Resp: 136574

Ion Ratio Lower Upper

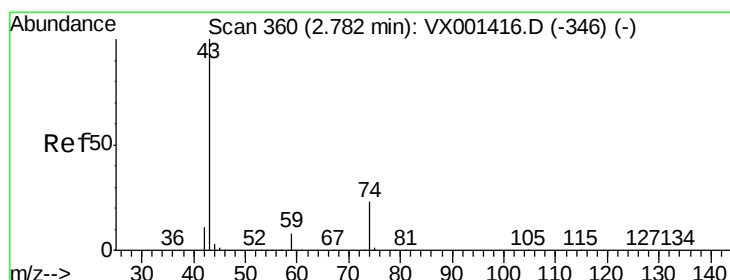
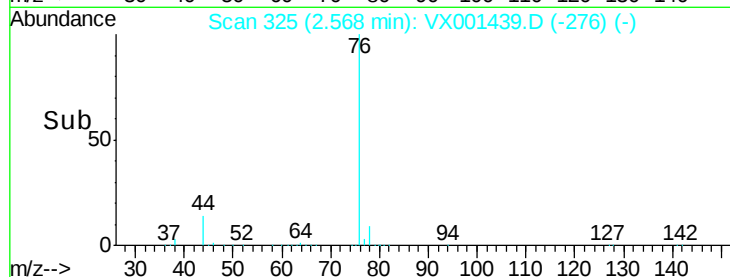
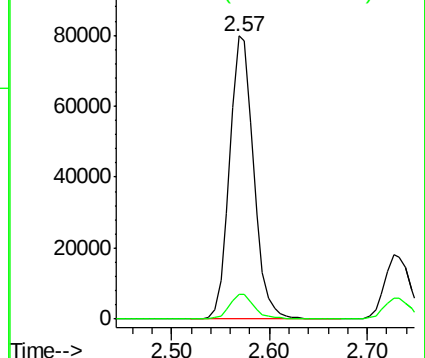
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.03 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001439.D

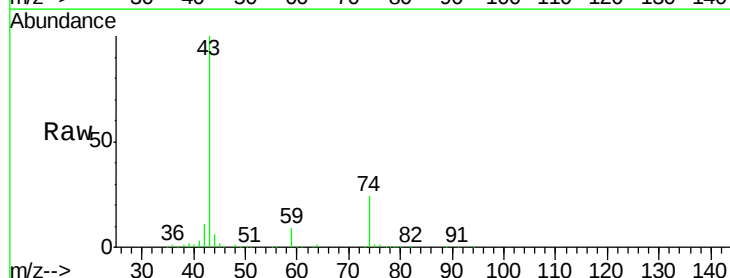
Acq: 06 May 2018 13:04

Tgt Ion: 43 Resp: 88308

Ion Ratio Lower Upper

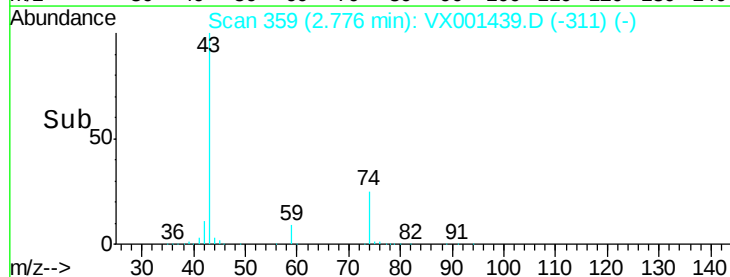
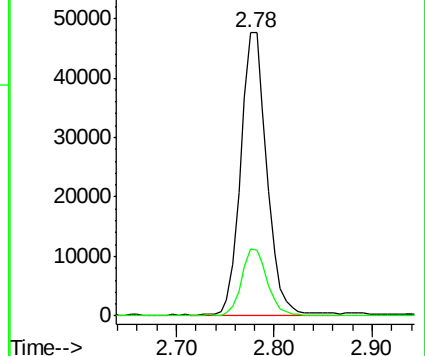
43 100

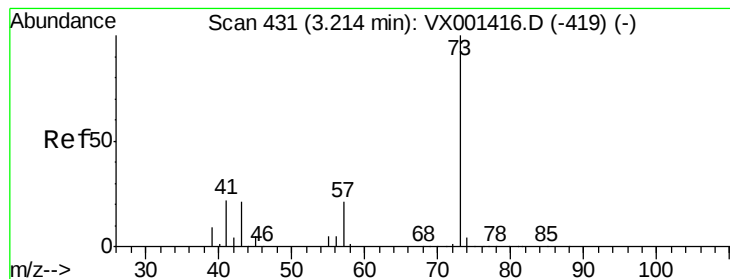
74 23.8 18.6 27.8



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: 19.52 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

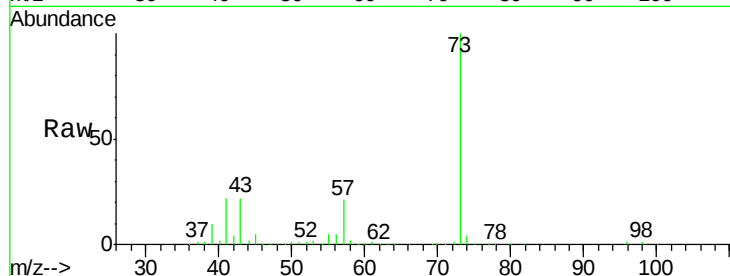
VX0506WBS01

Tgt Ion: 73 Resp: 203582

Ion Ratio Lower Upper

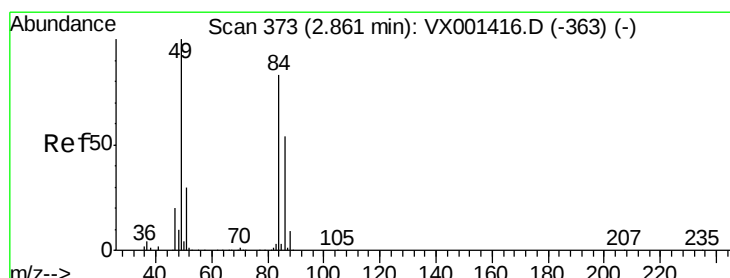
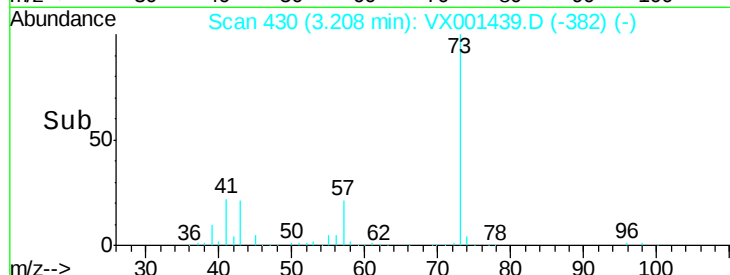
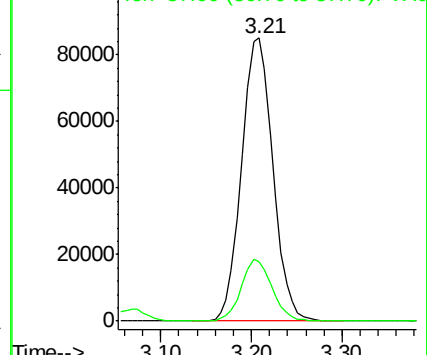
73 100

57 21.1 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.16 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion: 84 Resp: 63532

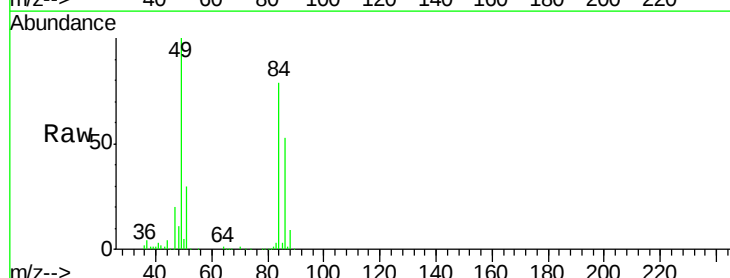
Ion Ratio Lower Upper

84 100

49 126.0 96.6 144.8

51 38.1 29.0 43.4

86 67.2 52.2 78.4

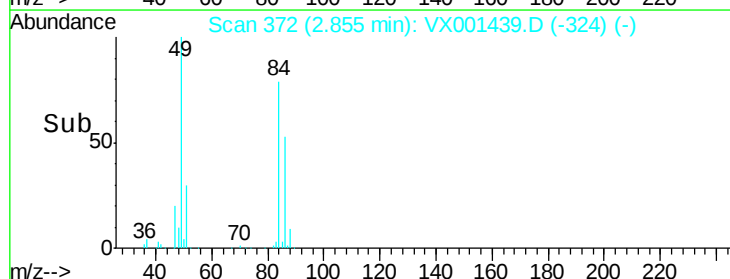
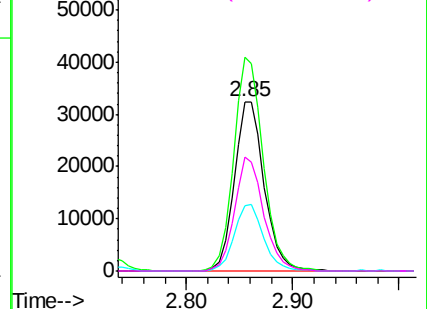


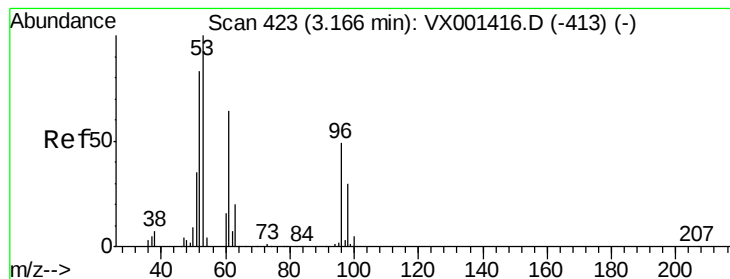
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

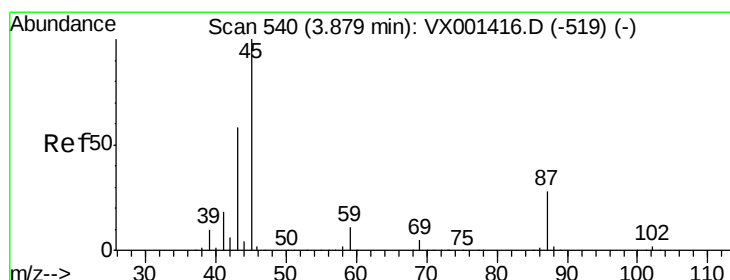
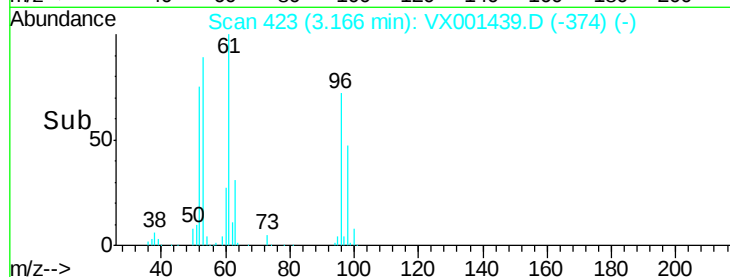
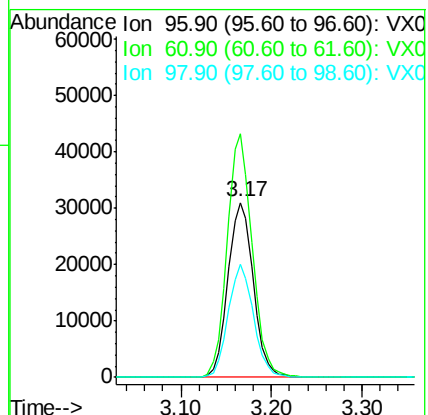
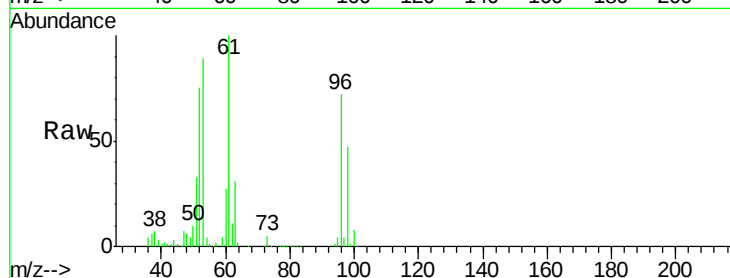
Tgt Ion: 96 Resp: 60463

Ion Ratio Lower Upper

96 100

61 139.0 105.0 157.4

98 64.8 49.9 74.9



#22

Diisopropyl ether

Concen: 19.62 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion: 45 Resp: 204690

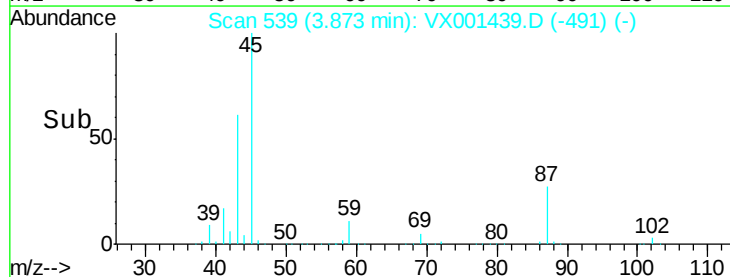
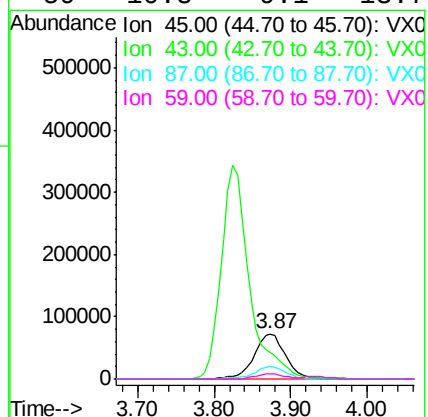
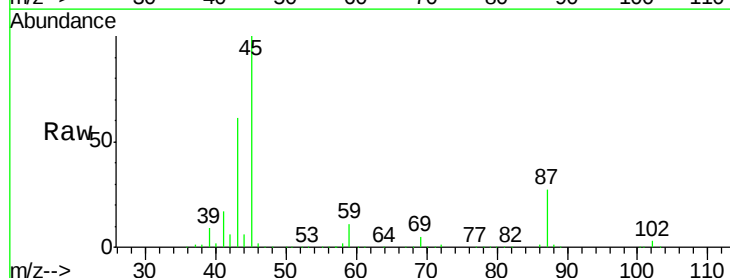
Ion Ratio Lower Upper

45 100

43 60.3 46.5 69.7

87 27.1 22.6 34.0

59 10.8 9.1 13.7





#23

Vinyl Acetate

Concen: 101.35 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

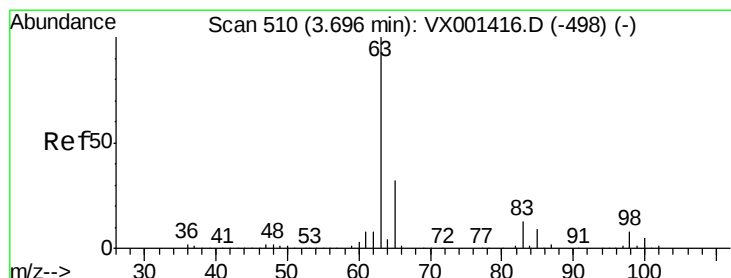
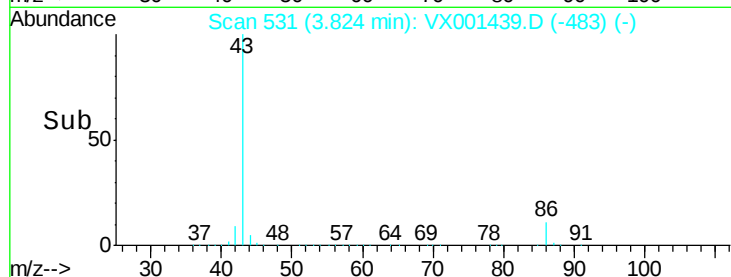
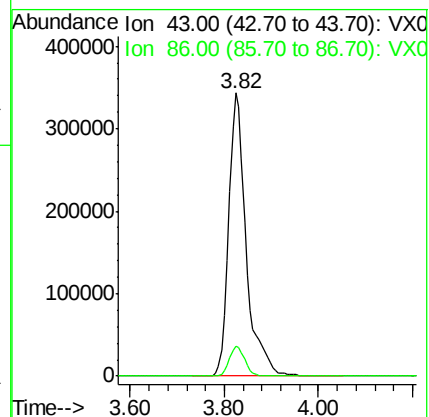
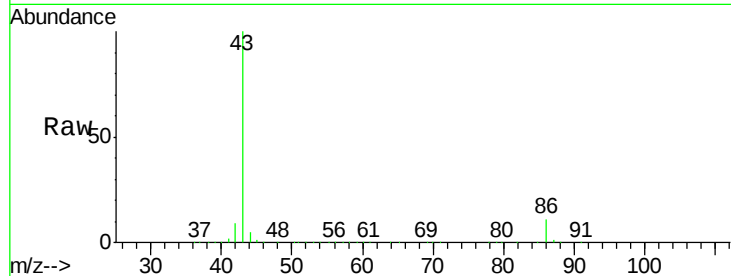
VX0506WBS01

Tgt Ion: 43 Resp: 881285

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

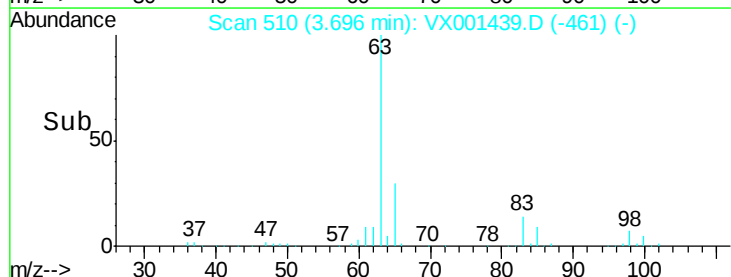
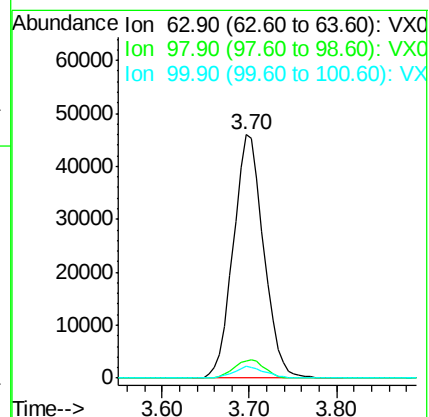
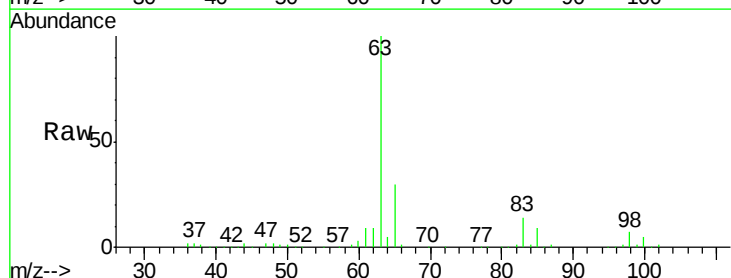
Tgt Ion: 63 Resp: 111155

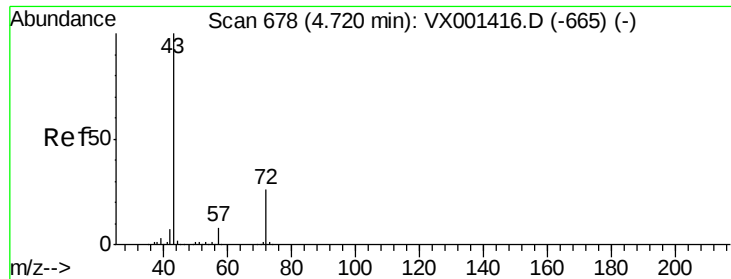
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 95.18 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

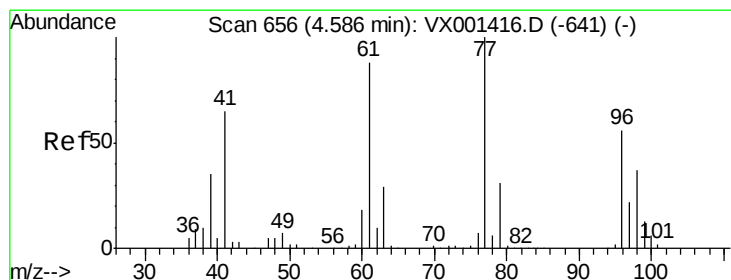
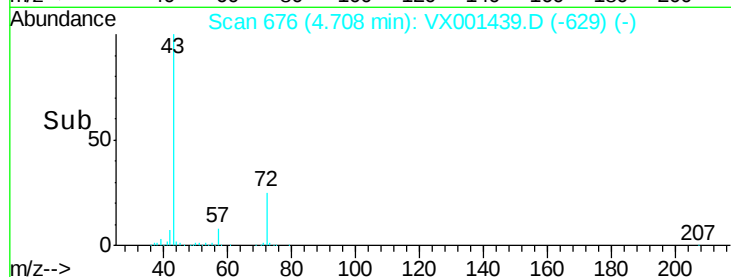
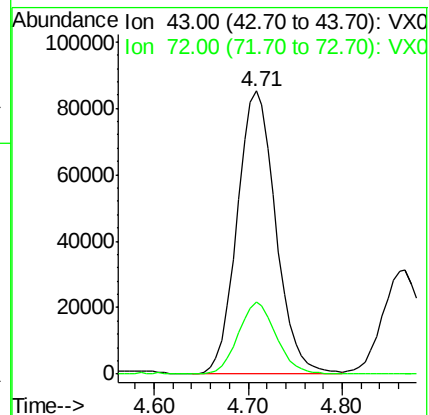
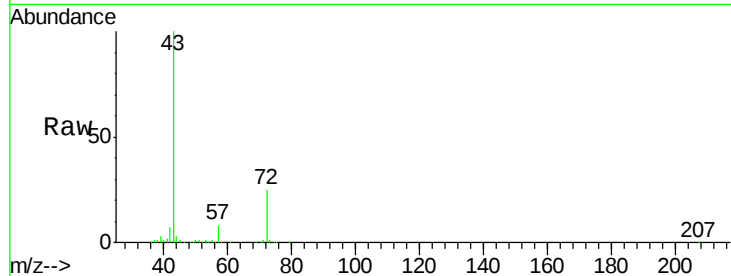
VX0506WBS01

Tgt Ion: 43 Resp: 243041

Ion Ratio Lower Upper

43 100

72 25.5 20.7 31.1



#26

2,2-Dichloropropane

Concen: 19.77 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001439.D

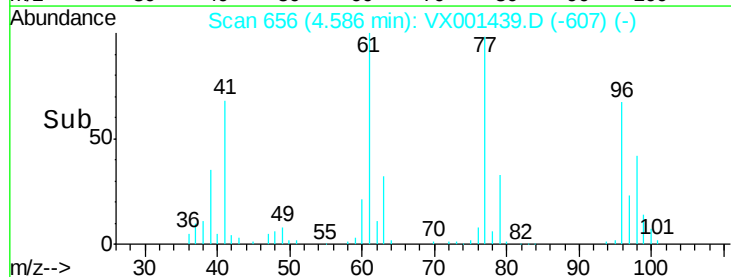
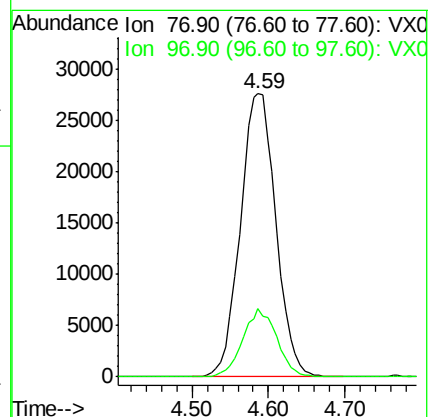
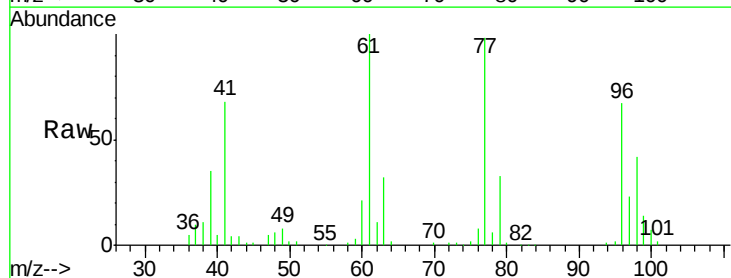
Acq: 06 May 2018 13:04

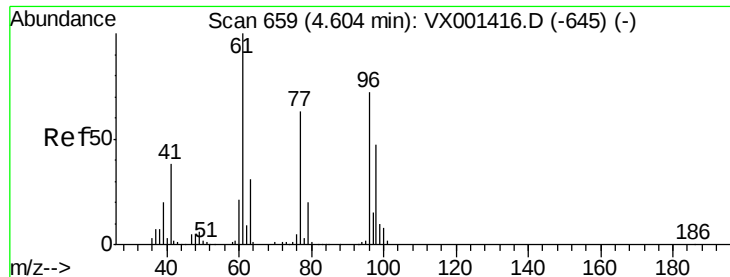
Tgt Ion: 77 Resp: 88989

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



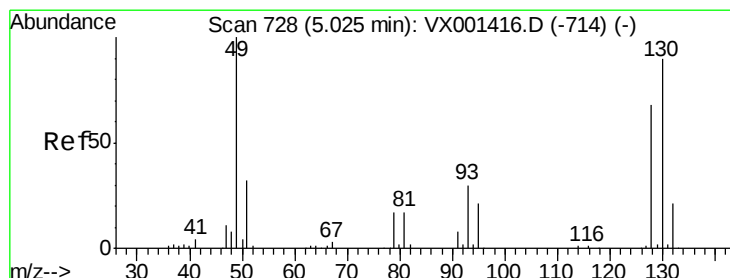
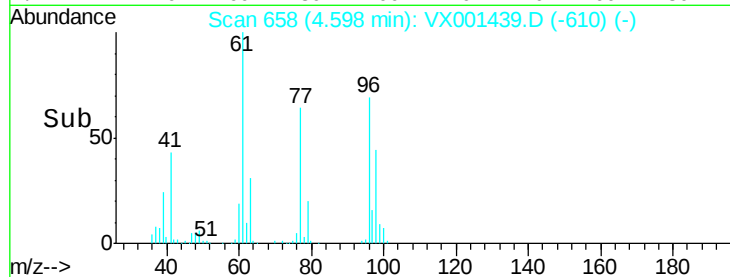
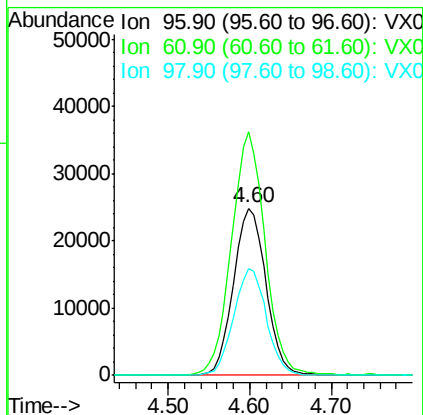
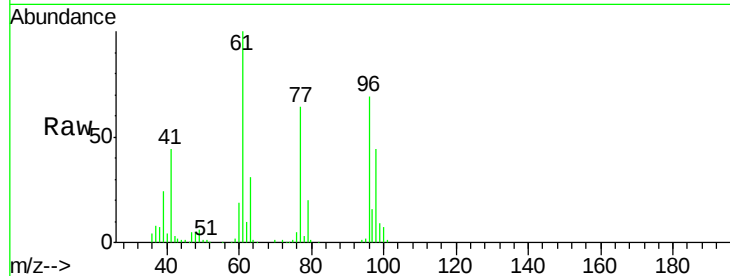


#27

cis-1,2-Dichloroethene
 Concen: 19.24 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

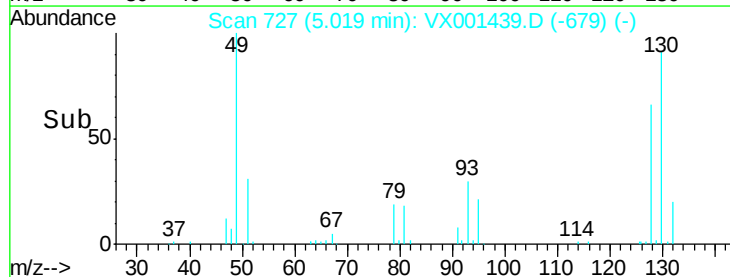
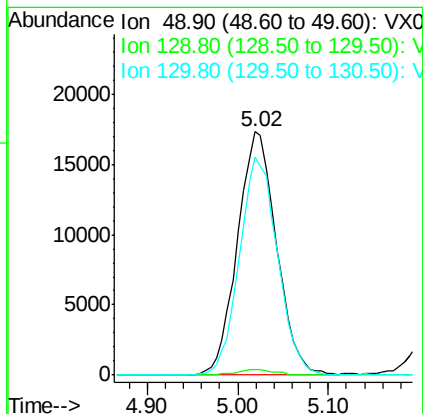
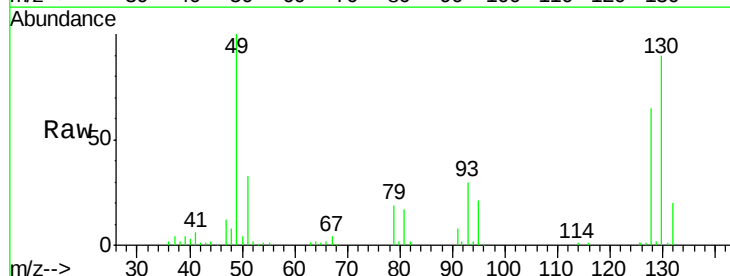
Tgt Ion: 96 Resp: 68471
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.6
 98 64.3 0.0 131.6

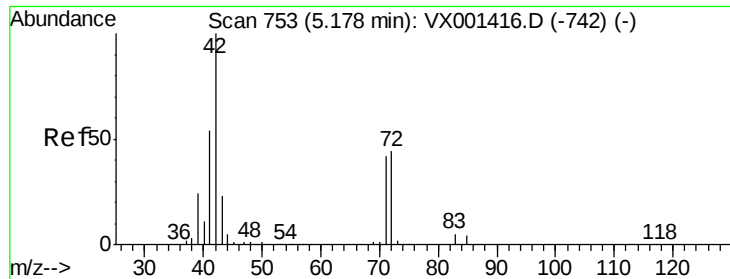


#28

Bromochloromethane
 Concen: 20.46 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 49 Resp: 51712
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 87.4 71.9 107.9





#29

Tetrahydrofuran

Concen: 93.53 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

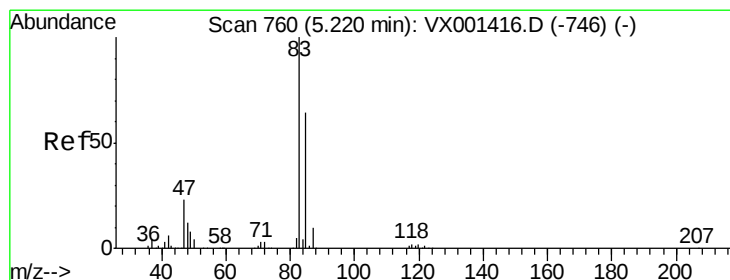
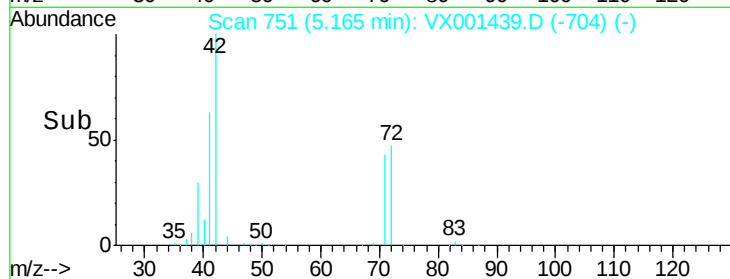
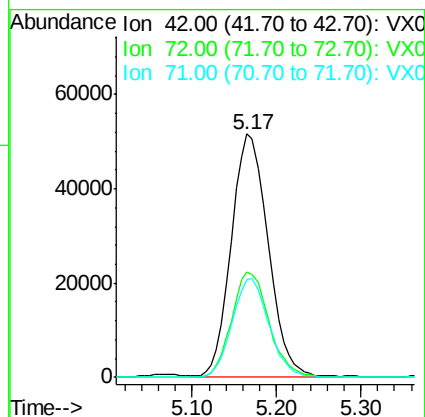
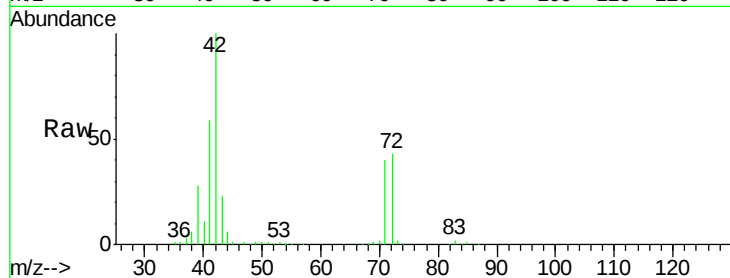
Tgt Ion: 42 Resp: 152803

Ion Ratio Lower Upper

42 100

72 44.2 35.4 53.2

71 40.8 33.0 49.4



#30

Chloroform

Concen: 19.39 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001439.D

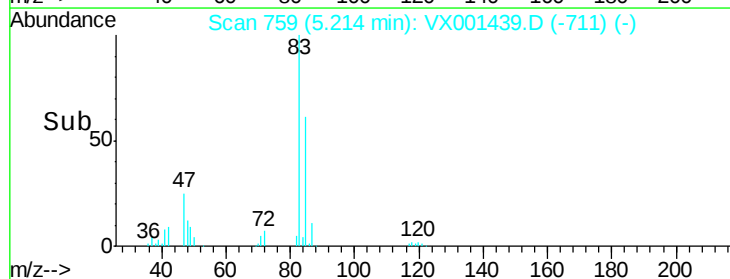
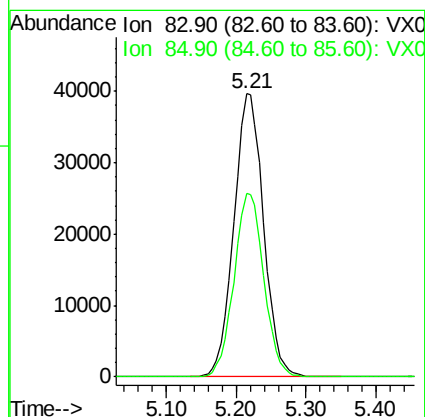
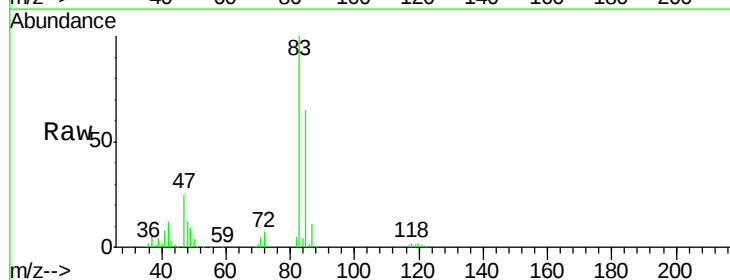
Acq: 06 May 2018 13:04

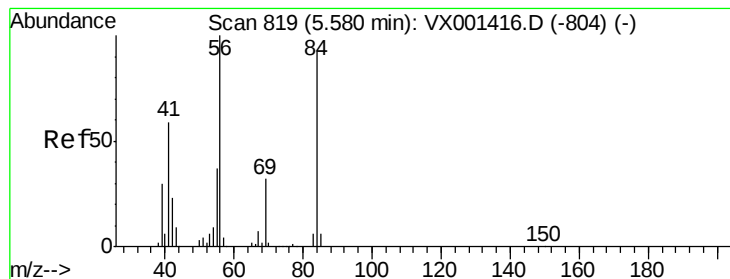
Tgt Ion: 83 Resp: 116420

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.4





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

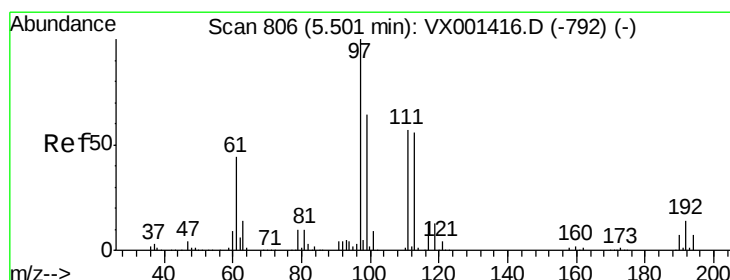
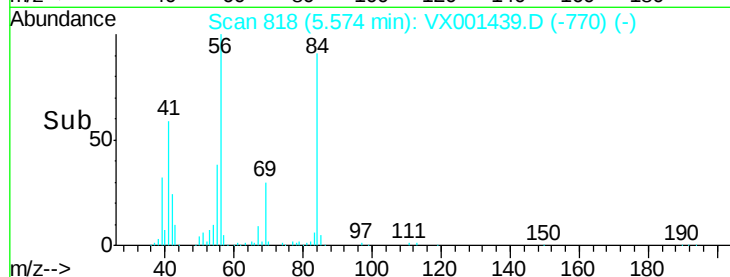
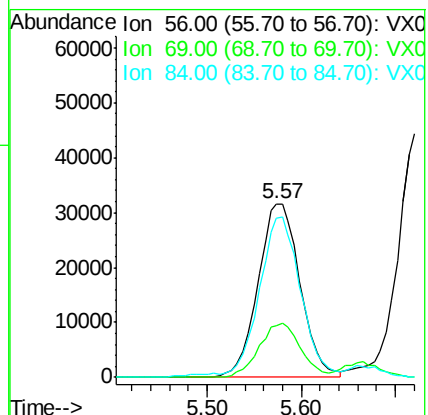
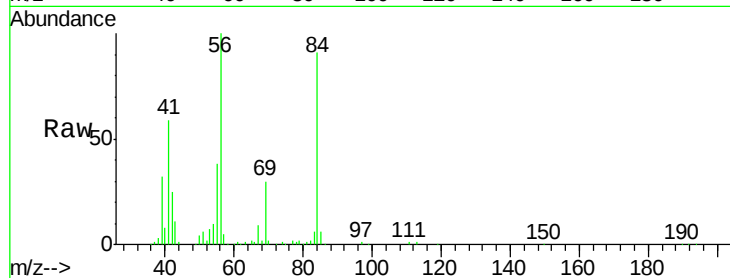
Tgt Ion: 56 Resp: 98582

Ion Ratio Lower Upper

56 100

69 29.9 25.4 38.0

84 89.9 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 19.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

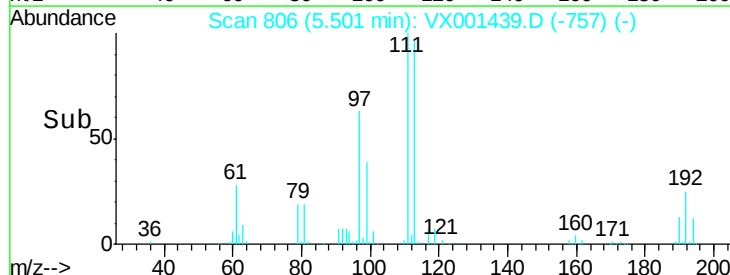
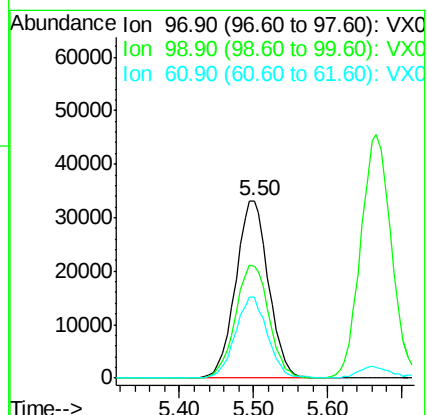
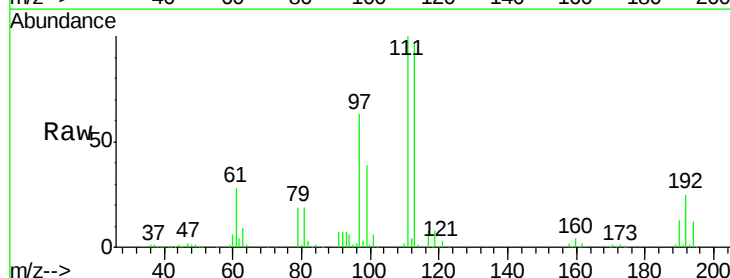
Tgt Ion: 97 Resp: 102312

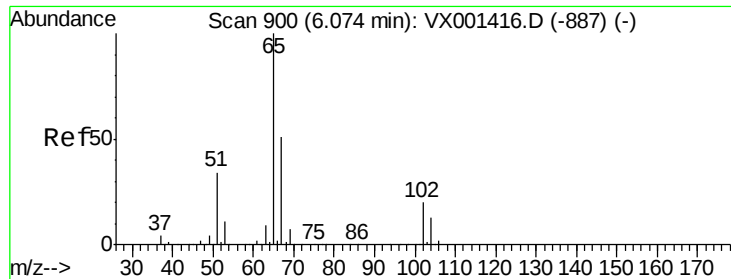
Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 44.8 34.8 52.2

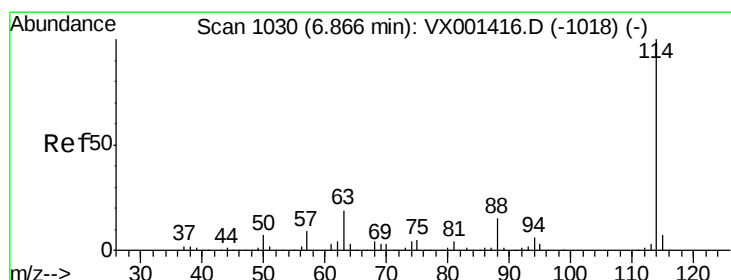
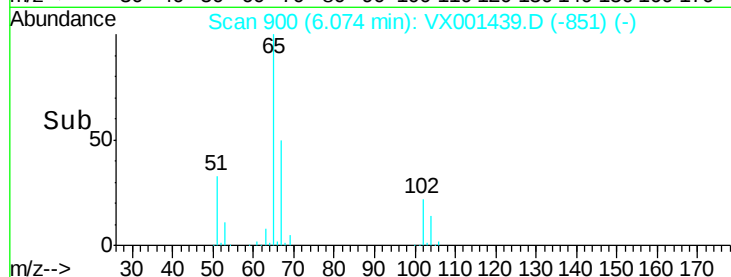
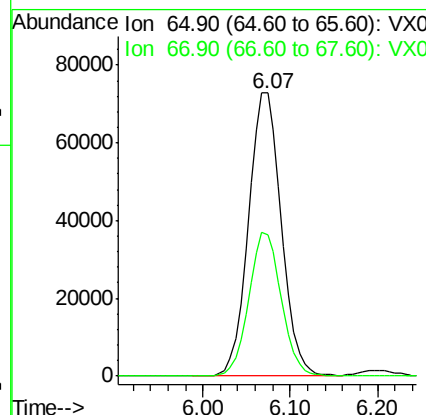
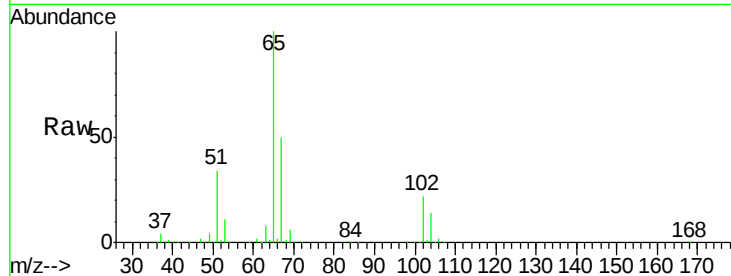




#33
 1,2-Dichloroethane-d4
 Concen: 48.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

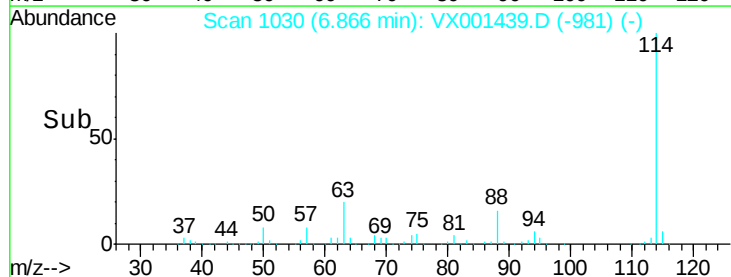
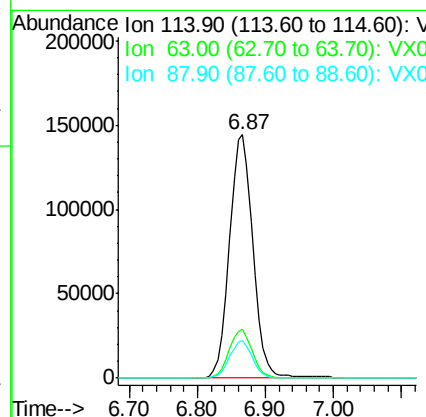
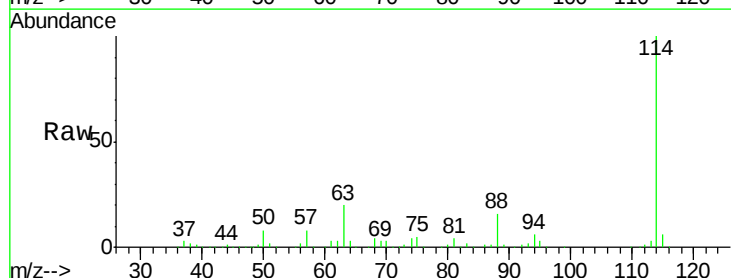
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tgt Ion: 65 Resp: 189414
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 114 Resp: 345997
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.5 0.0 30.8

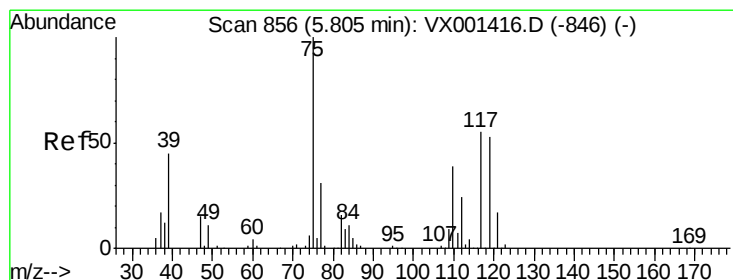
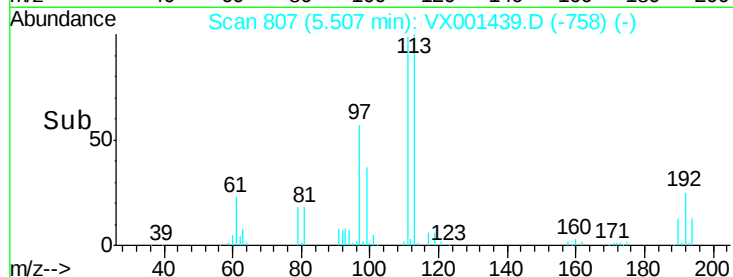
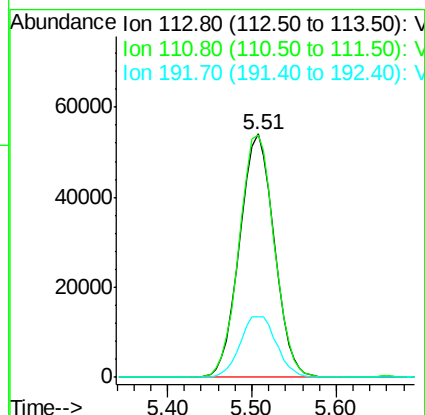
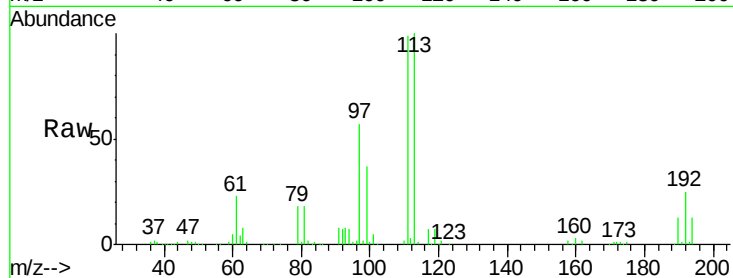




#35
 Dibromofluoromethane
 Concen: 48.88 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

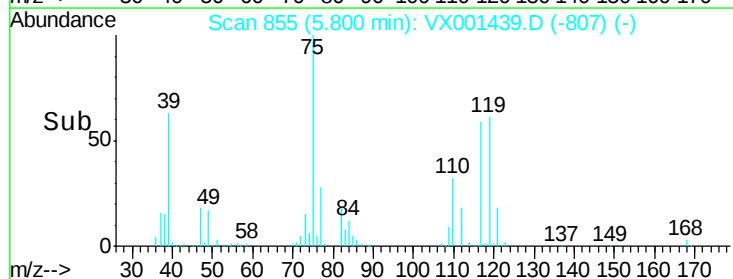
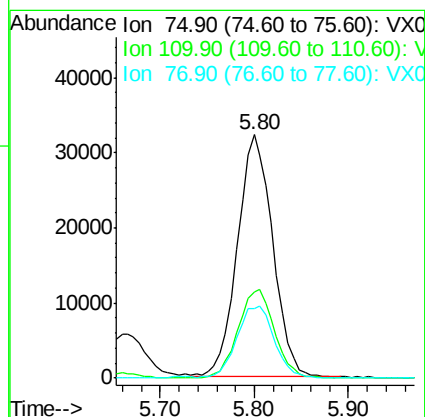
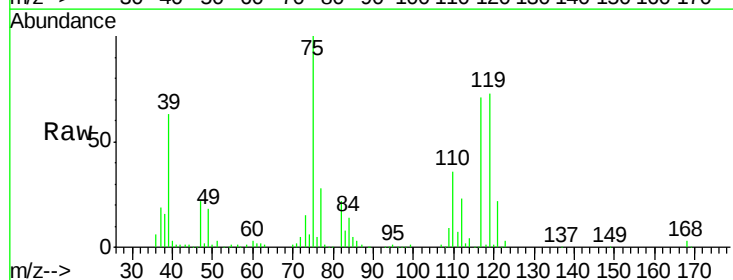
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

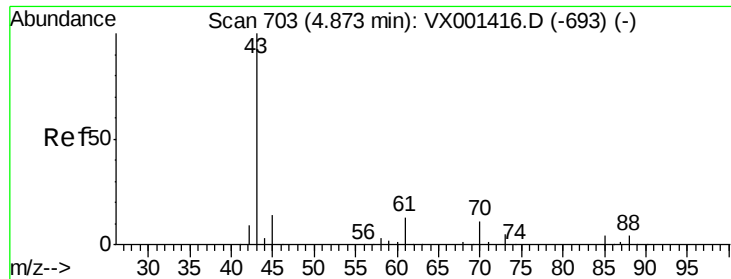
Tgt Ion:113 Resp: 150425
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.2
 192 26.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 19.22 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 84571
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.9 56.7
 77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 19.04 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

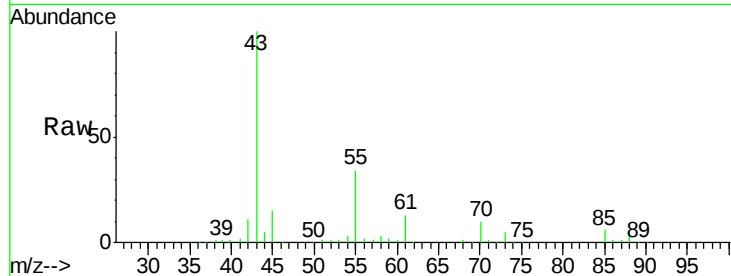
Tgt Ion: 43 Resp: 91842

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

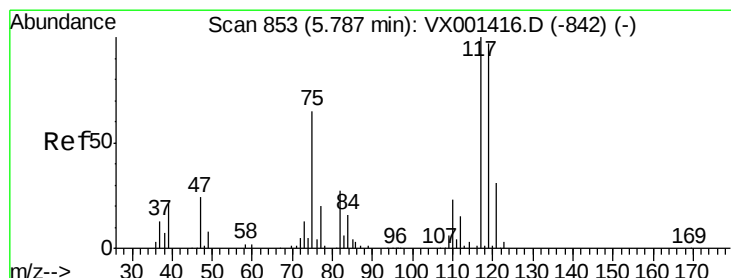
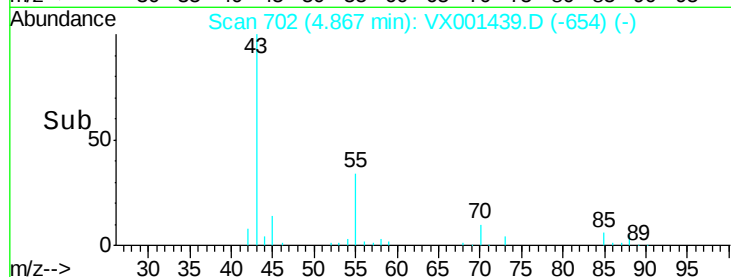
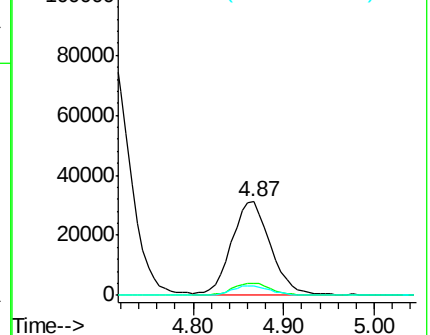
70 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.54 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

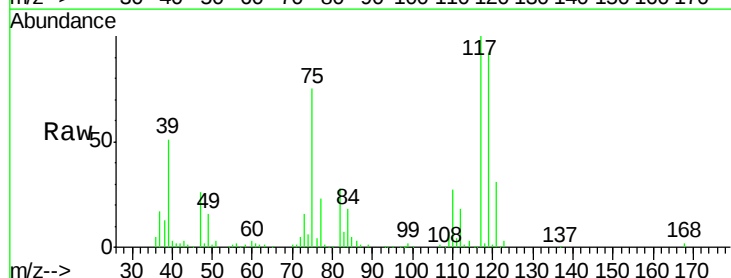
Tgt Ion: 117 Resp: 91732

Ion Ratio Lower Upper

117 100

119 92.3 77.0 115.6

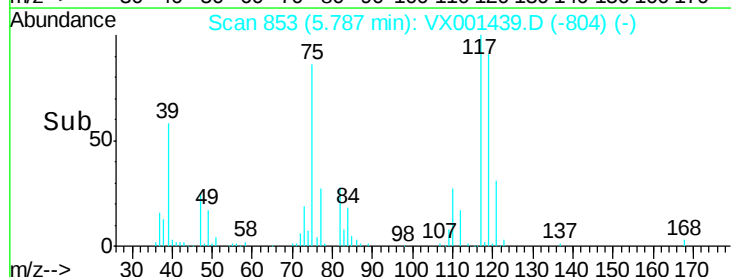
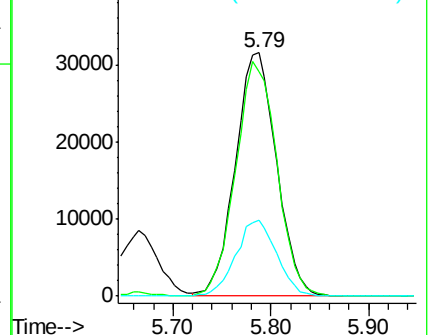
121 30.9 25.1 37.7

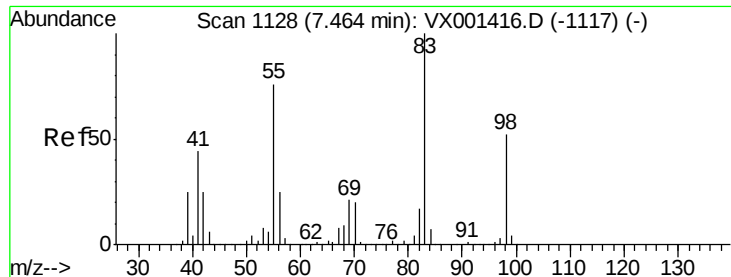


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

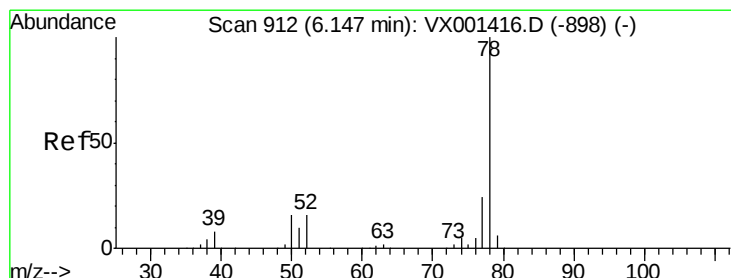
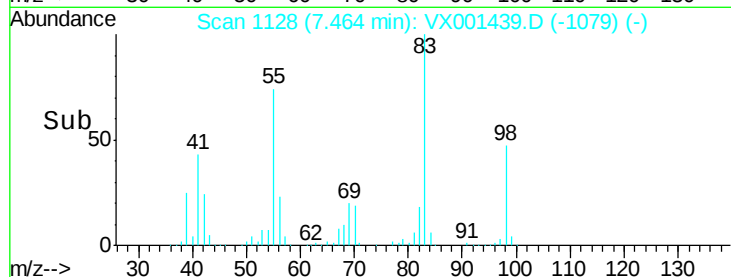
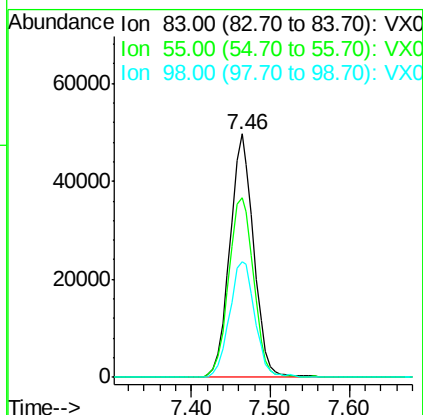
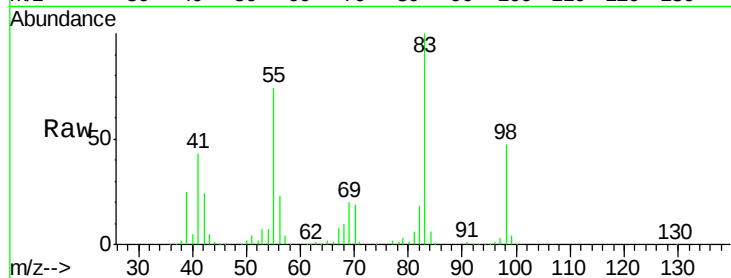




#39
Methylcyclohexane
Concen: 20.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

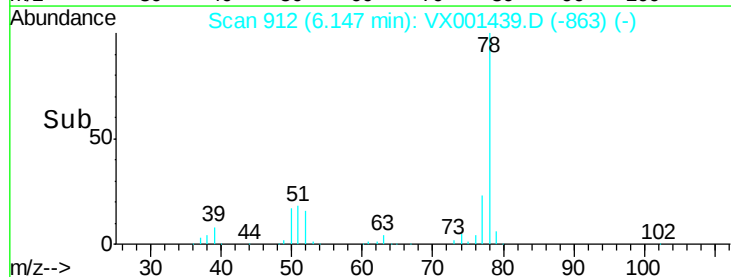
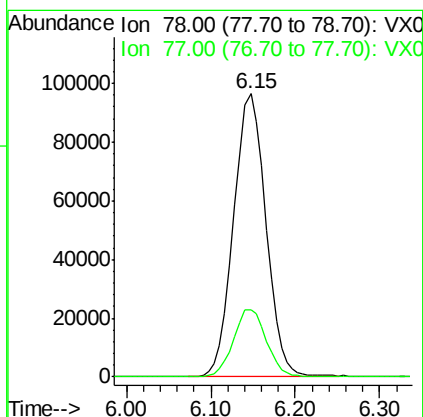
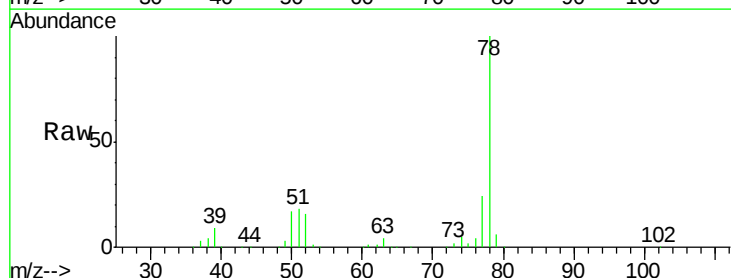
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

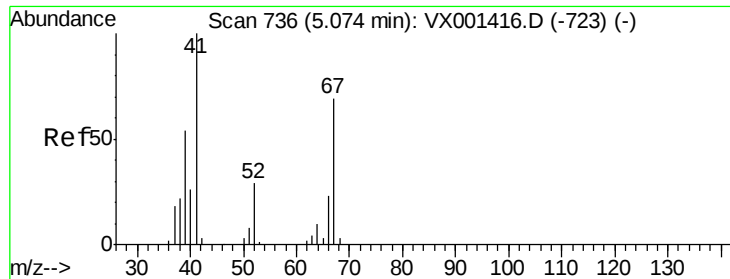
Tgt Ion: 83 Resp: 104509
Ion Ratio Lower Upper
83 100
55 73.9 60.9 91.3
98 47.3 41.9 62.9



#40
Benzene
Concen: 19.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 78 Resp: 251250
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2





#41

Methacrylonitrile

Concen: 18.98 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tgt Ion: 41 Resp: 52387

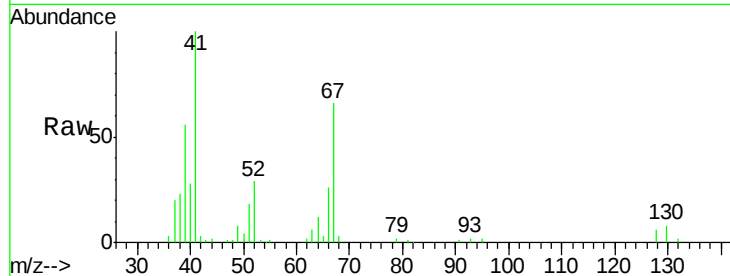
Ion Ratio Lower Upper

41 100

39 58.1 45.0 67.6

67 67.6 55.0 82.6

52 30.2 23.4 35.0

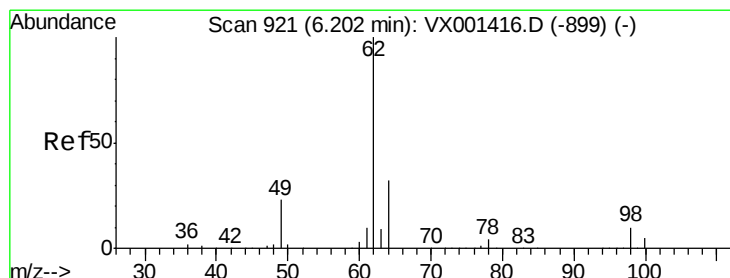
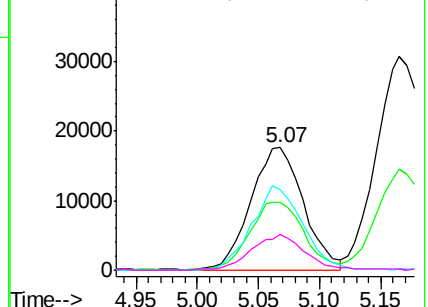
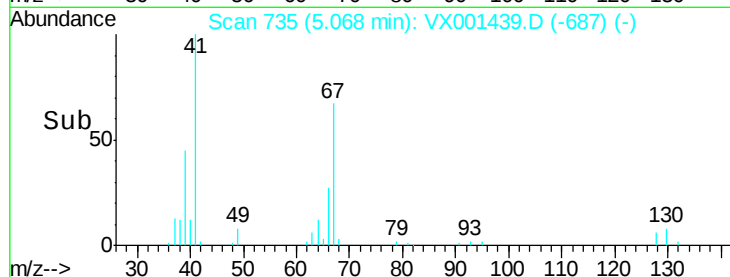


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.31 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001439.D

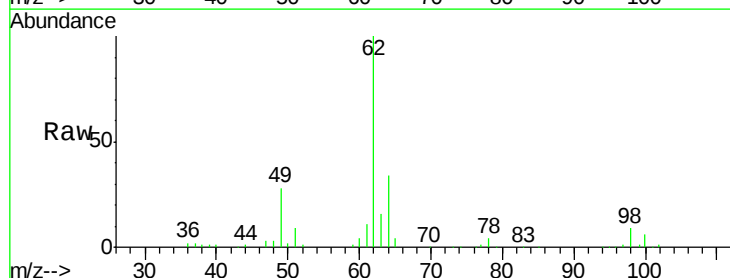
Acq: 06 May 2018 13:04

Tgt Ion: 62 Resp: 100329

Ion Ratio Lower Upper

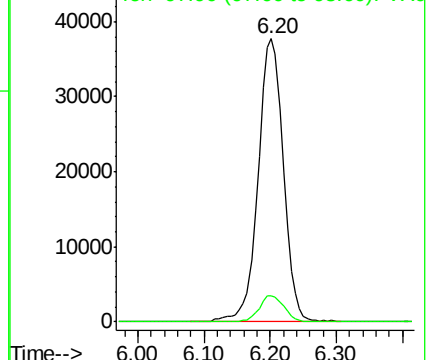
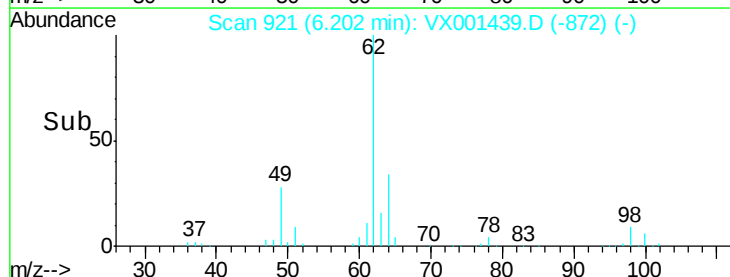
62 100

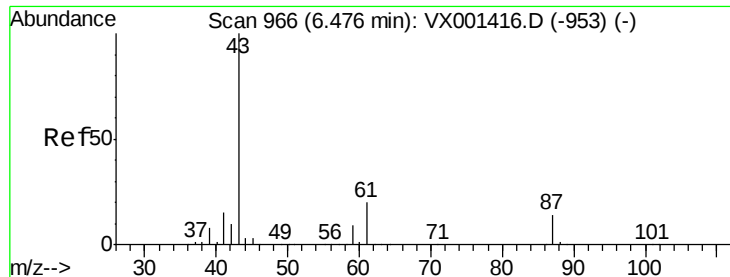
98 9.2 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



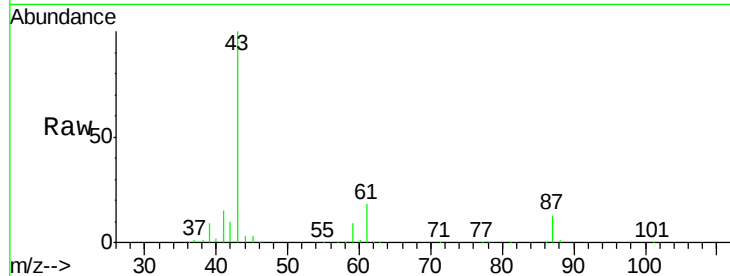


#43

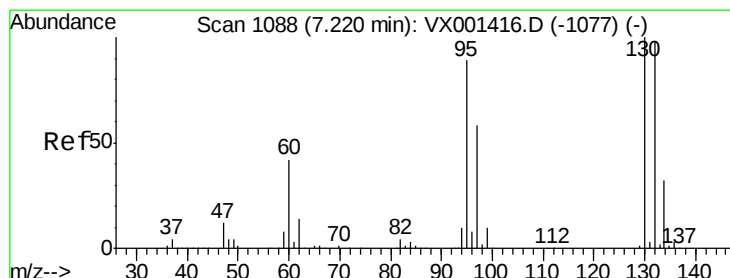
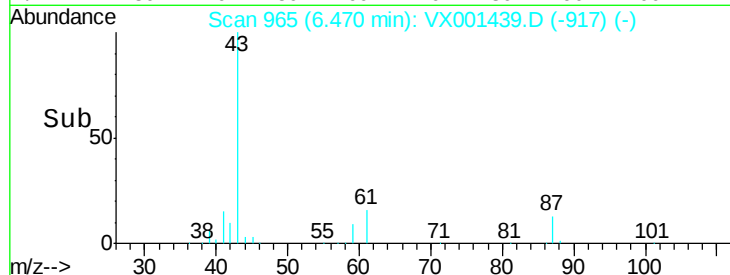
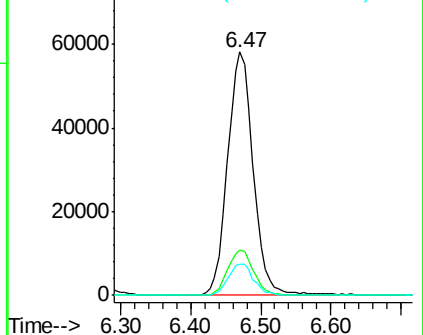
Isopropyl Acetate
 Concen: 20.00 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tgt Ion: 43 Resp: 148152
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.0
 87 12.8 10.8 16.2



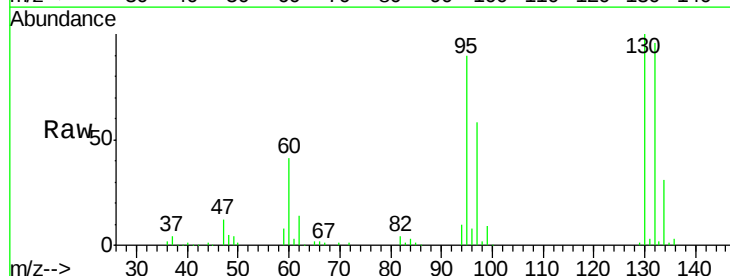
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



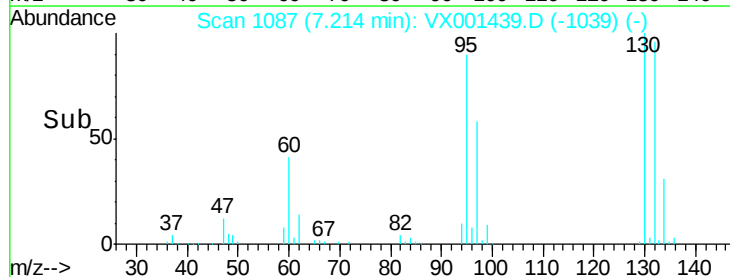
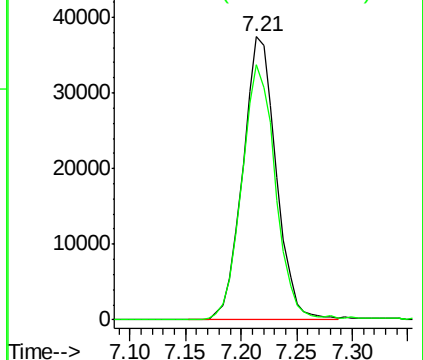
#44

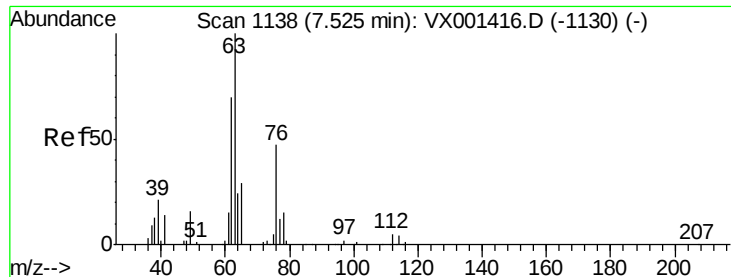
Trichloroethene
 Concen: 19.88 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 130 Resp: 78128
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

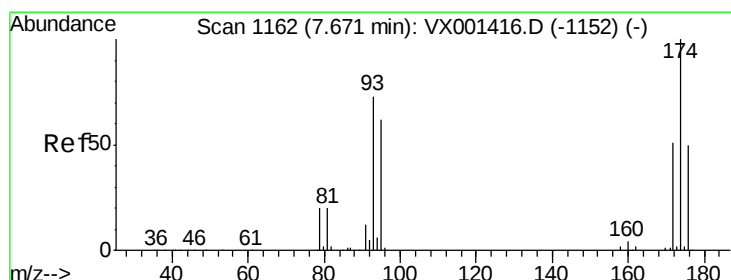
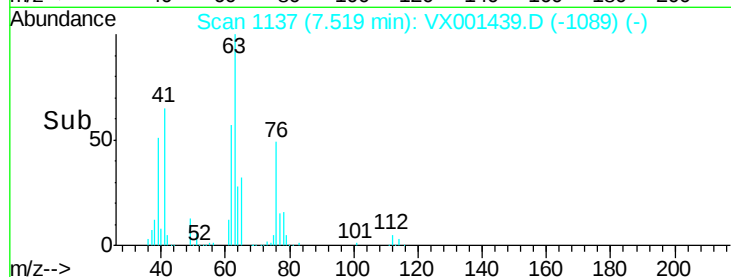
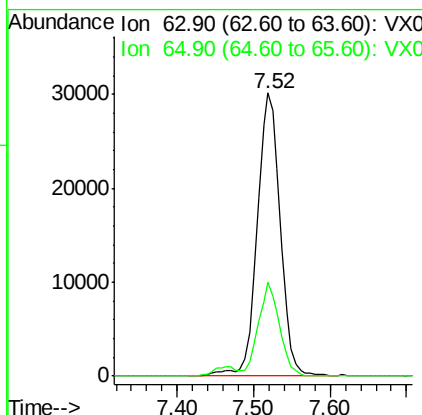
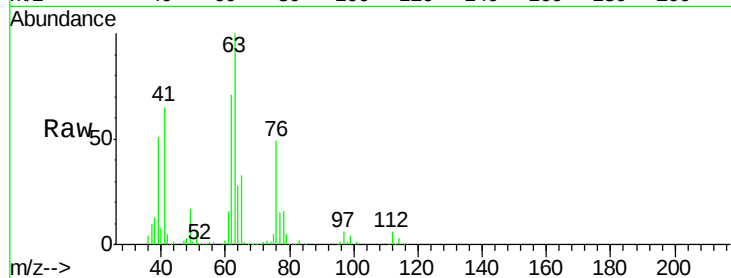




#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

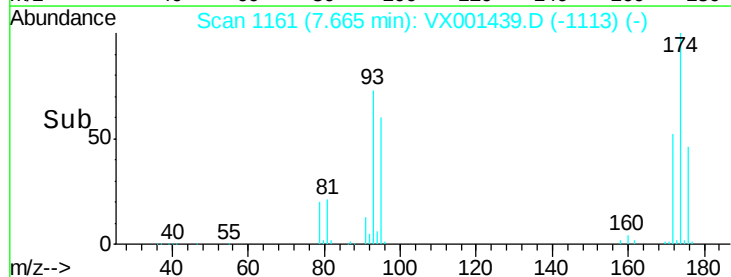
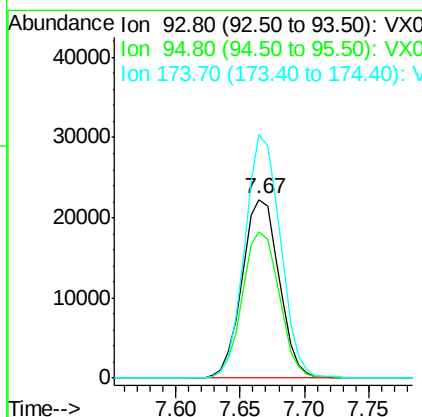
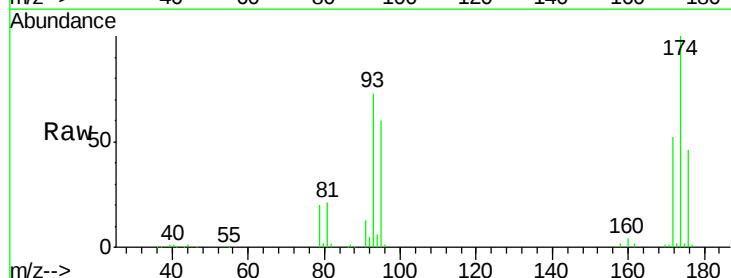
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

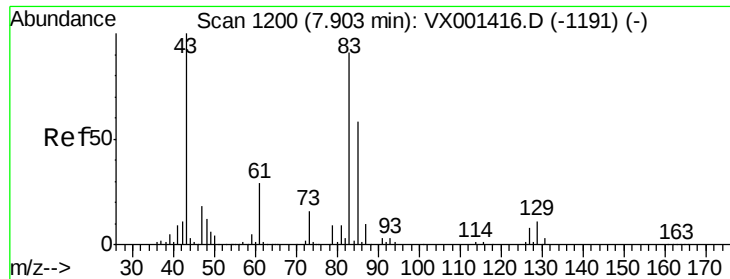
Tgt Ion: 63 Resp: 63665
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.5 36.7



#46
 Dibromomethane
 Concen: 19.56 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 93 Resp: 44383
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 131.2 104.5 156.7





#47

Bromodichloromethane

Concen: 19.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

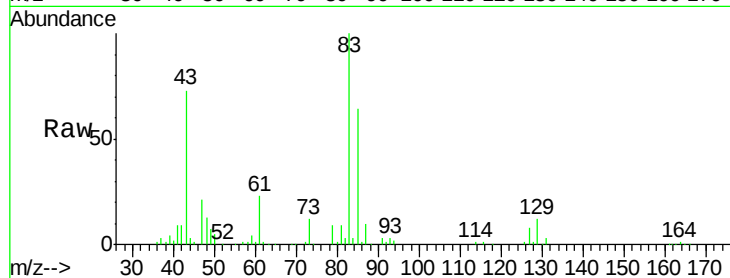
Tgt Ion: 83 Resp: 83147

Ion Ratio Lower Upper

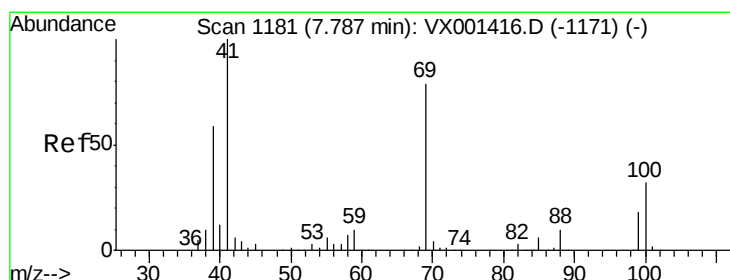
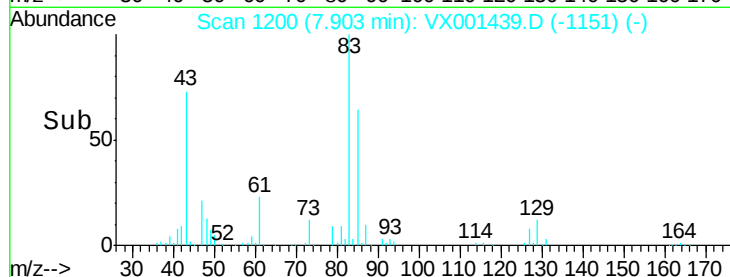
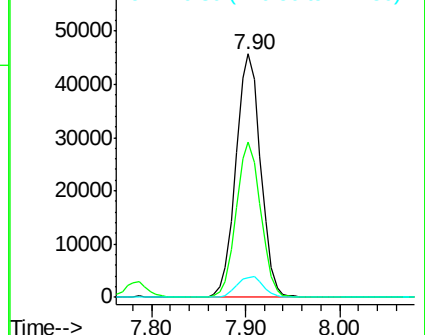
83 100

85 64.0 51.0 76.6

127 8.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.48 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

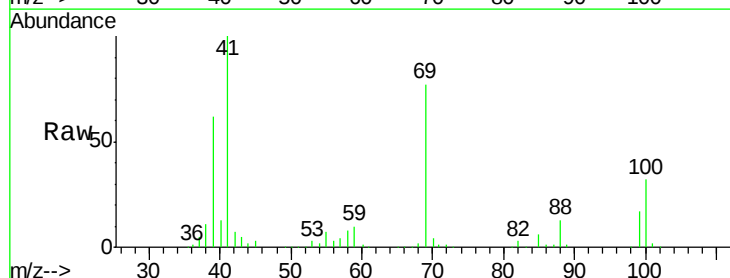
Tgt Ion: 41 Resp: 78558

Ion Ratio Lower Upper

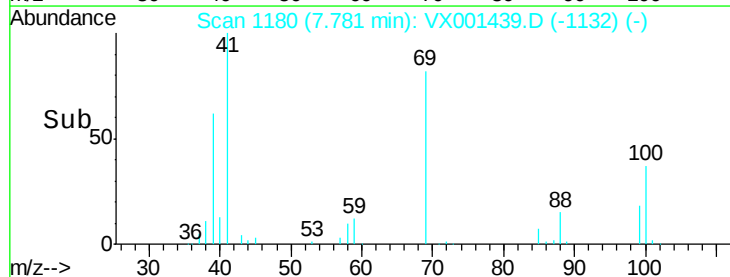
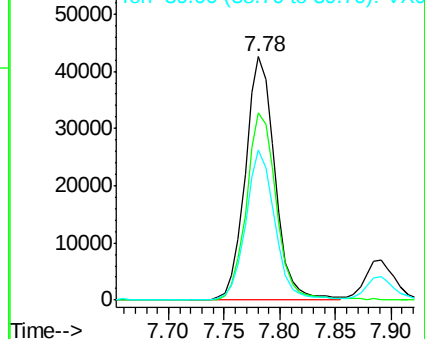
41 100

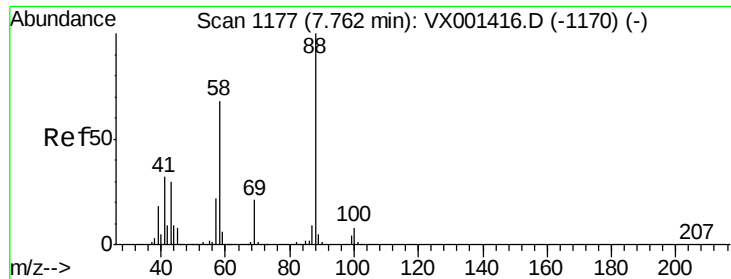
69 78.0 63.4 95.2

39 60.0 47.0 70.4



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

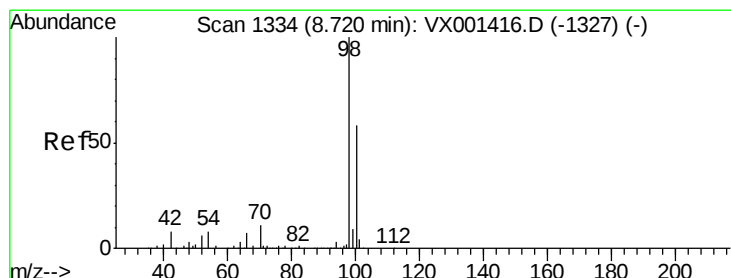
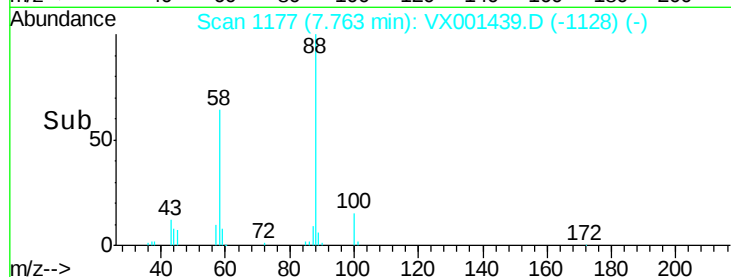
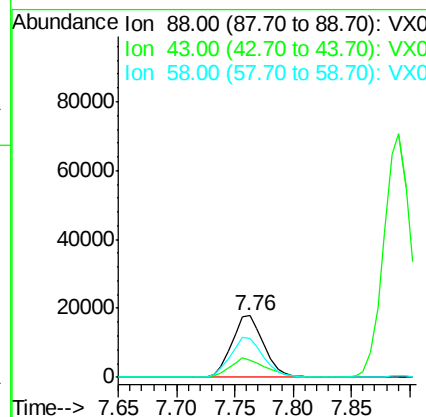
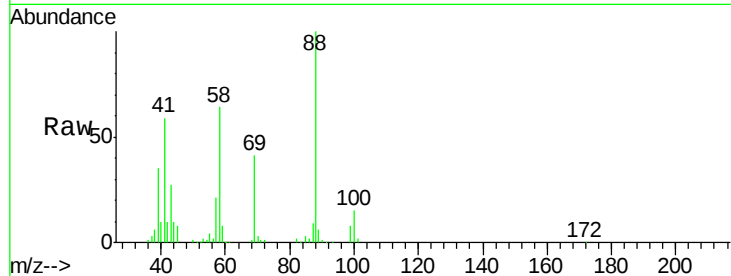




#49
 1,4-Dioxane
 Concen: 396.23 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

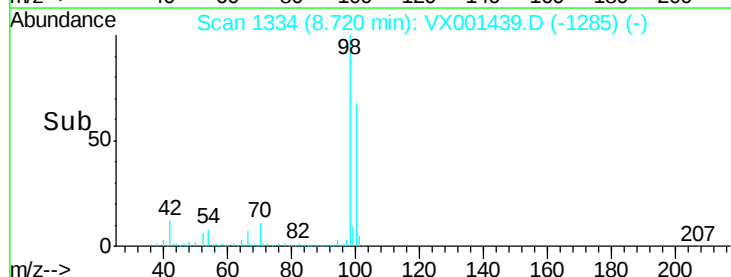
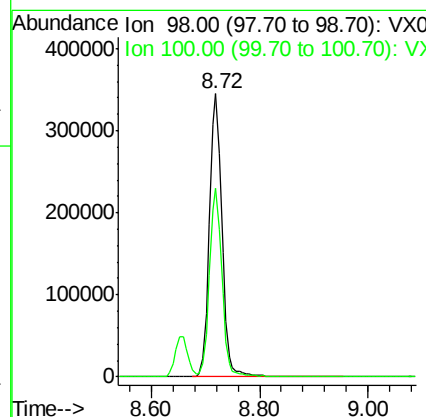
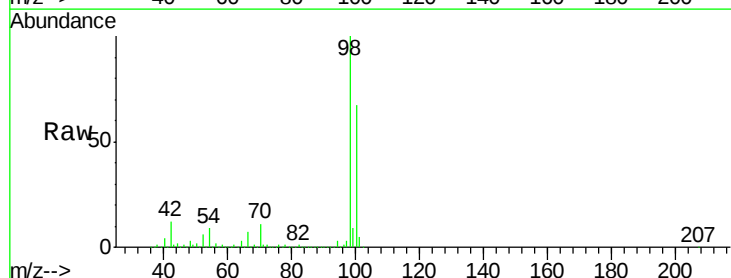
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tgt Ion: 88 Resp: 34523
 Ion Ratio Lower Upper
 88 100
 43 33.5 26.4 39.6
 58 67.1 54.1 81.1



#50
 Toluene-d8
 Concen: 49.36 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 98 Resp: 554510
 Ion Ratio Lower Upper
 98 100
 100 66.5 54.0 81.0

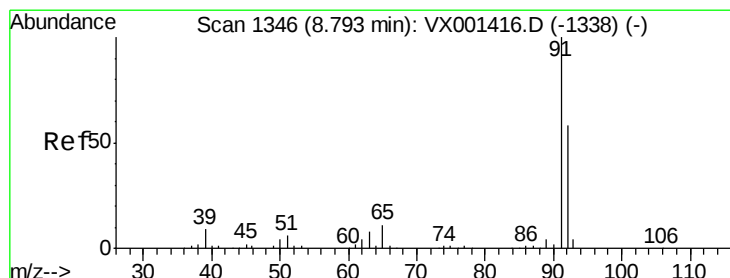
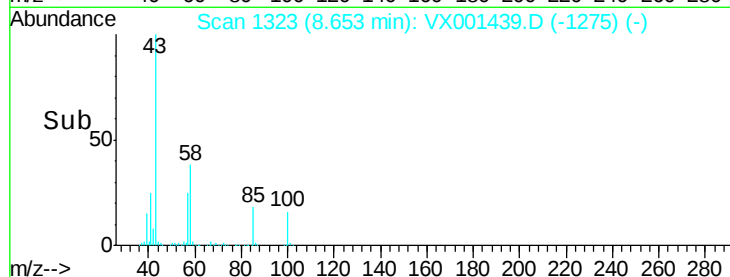
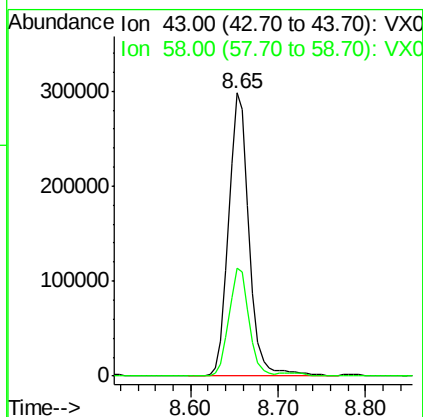
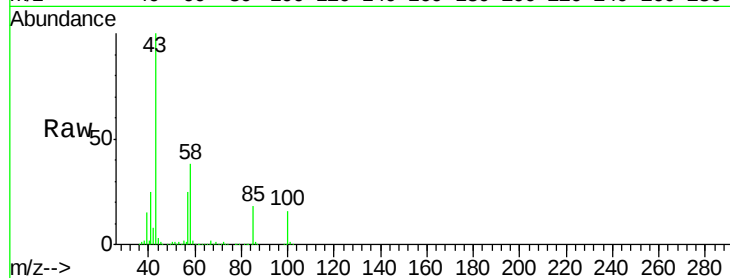




#51
4-Methyl-2-Pentanone
Concen: 98.64 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

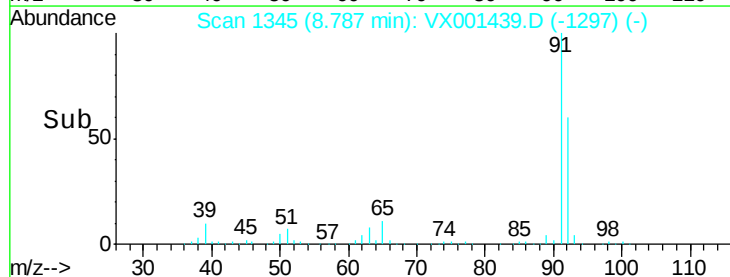
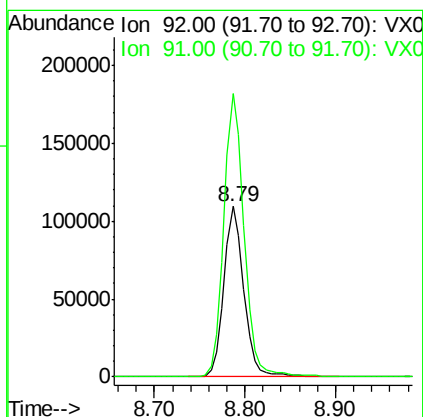
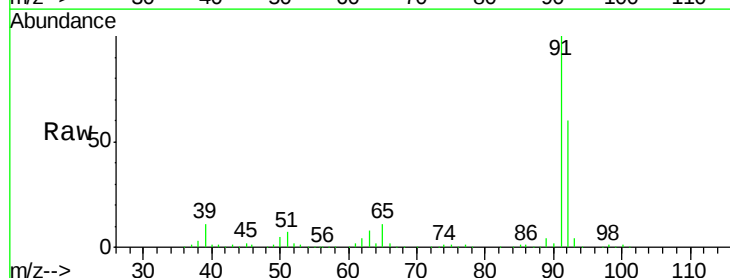
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

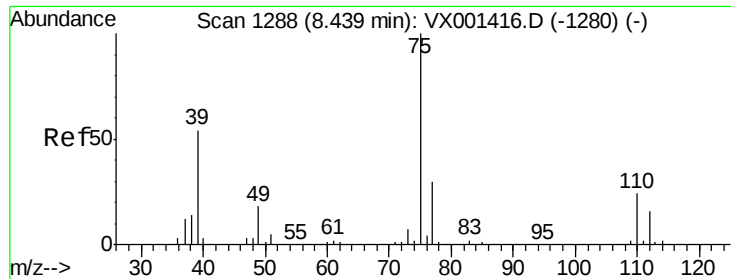
Tgt Ion: 43 Resp: 485480
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2



#52
Toluene
Concen: 19.93 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 92 Resp: 167516
Ion Ratio Lower Upper
92 100
91 170.1 135.2 202.8

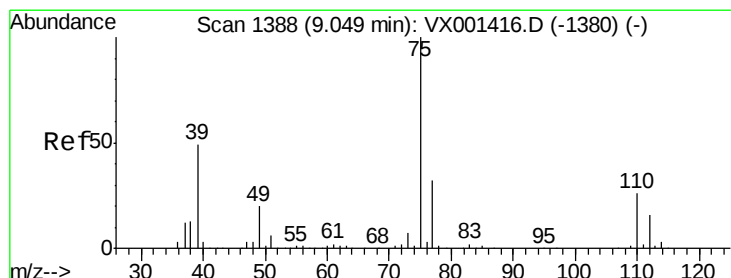
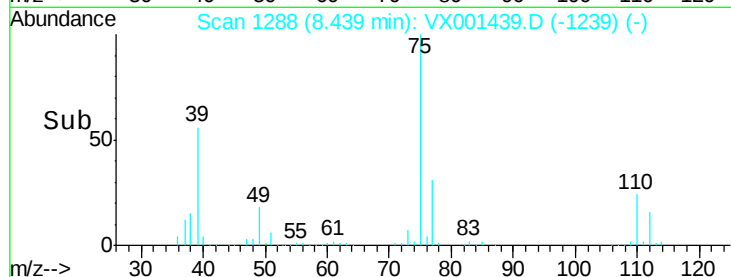
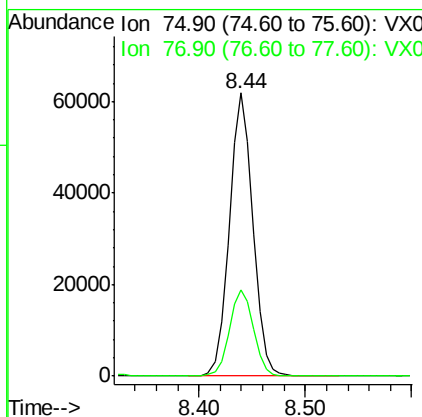
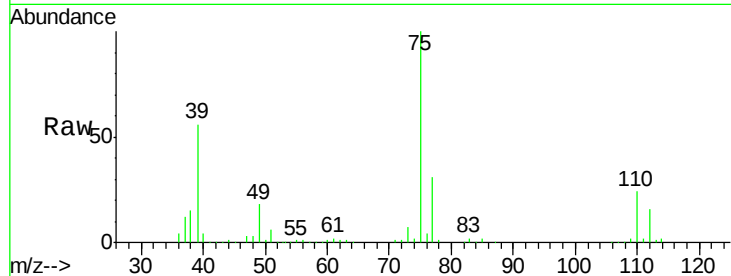




#53
t-1,3-Dichloropropene
Concen: 20.14 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

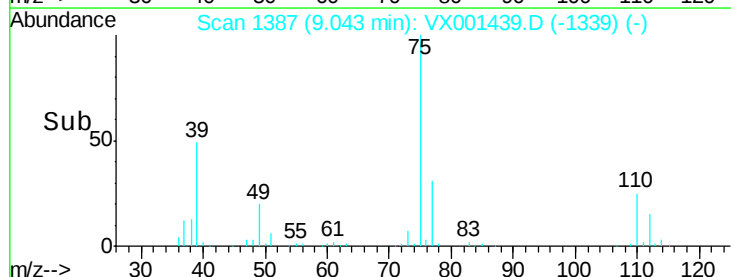
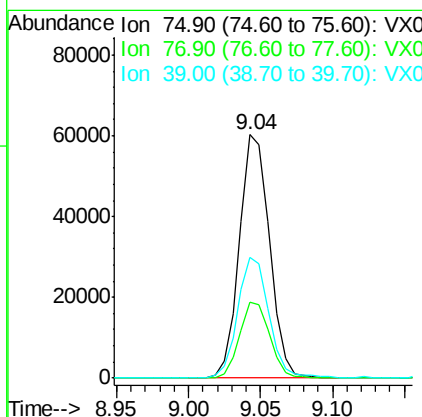
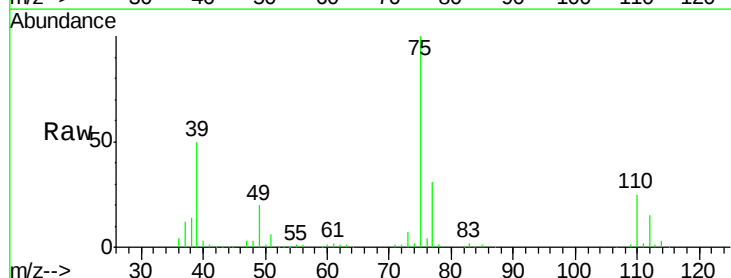
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tgt Ion: 75 Resp: 95587
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 19.30 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 87553
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 49.5 38.9 58.3

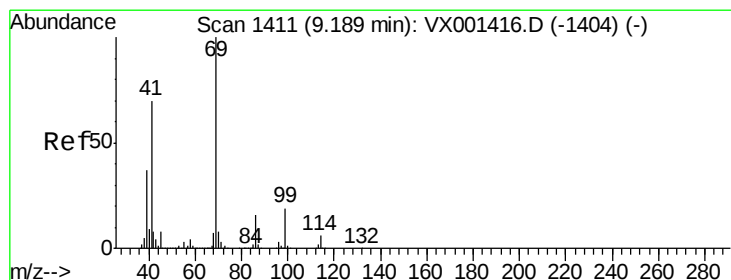
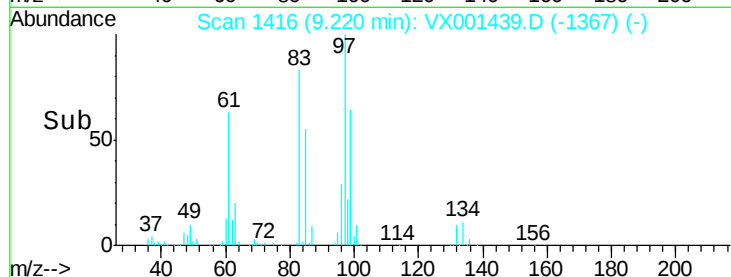
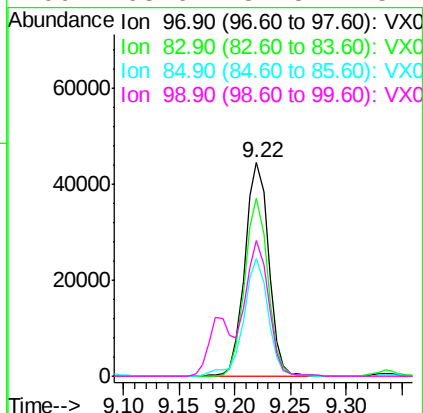
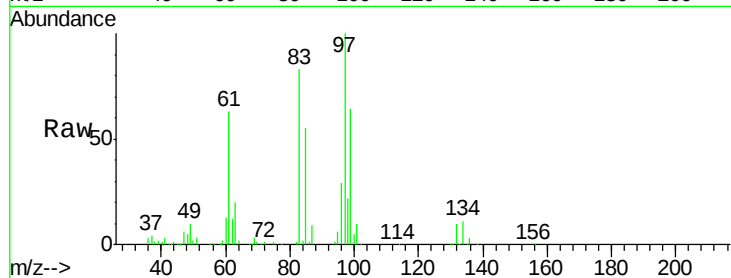




#55
 1,1,2-Trichloroethane
 Concen: 19.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

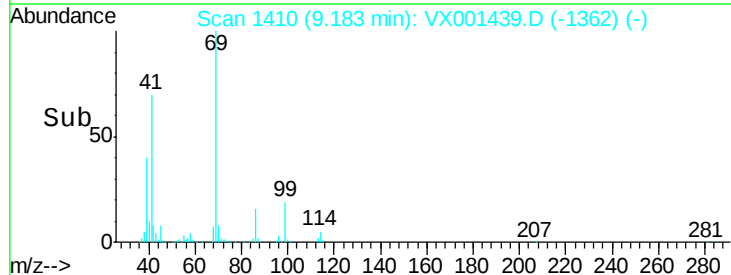
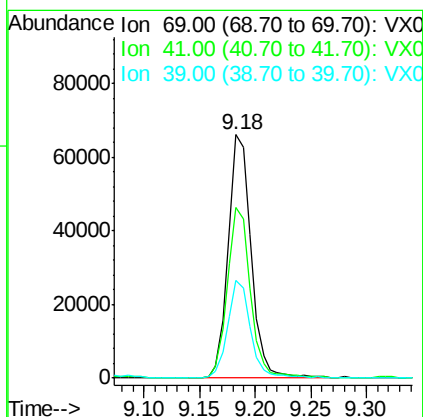
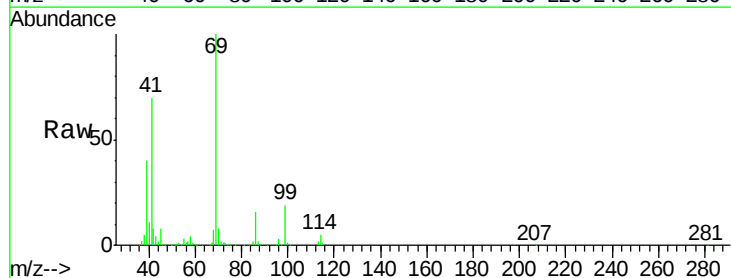
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

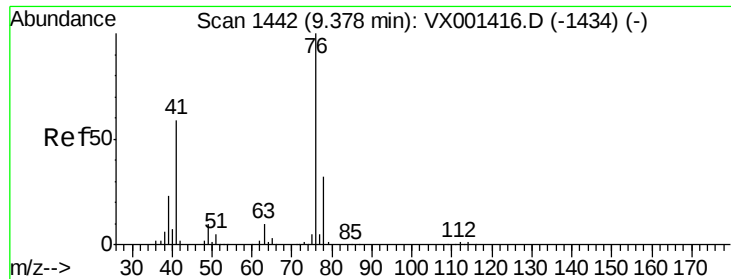
Tgt Ion:	97	Resp:	66606
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.4	101.0
85	55.0	43.3	64.9
99	63.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 19.43 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion:	69	Resp:	94861
Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.1	82.7
39	39.4	29.9	44.9

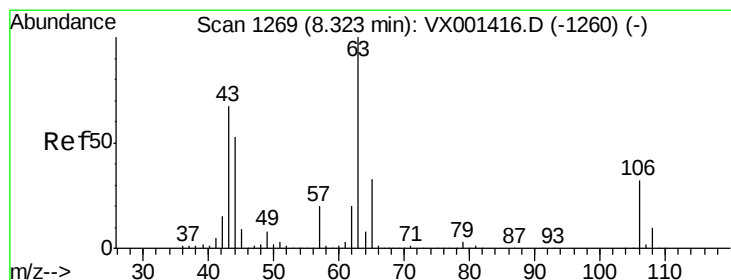
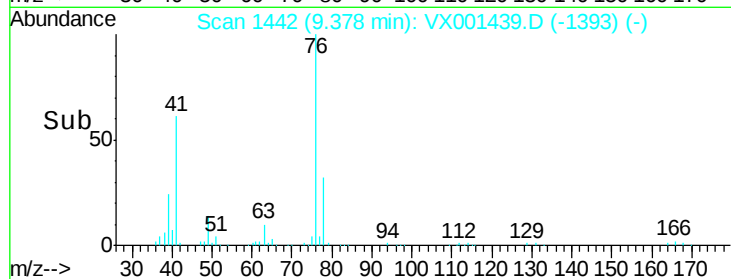
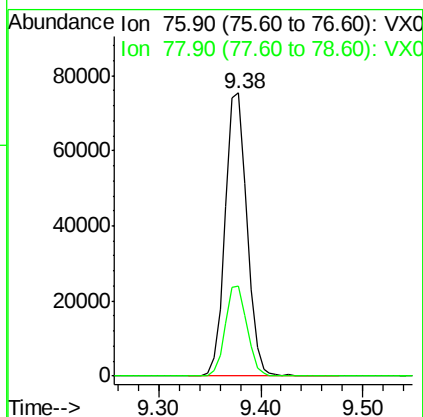
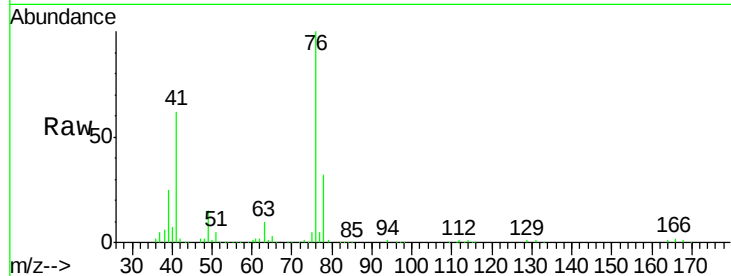




#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

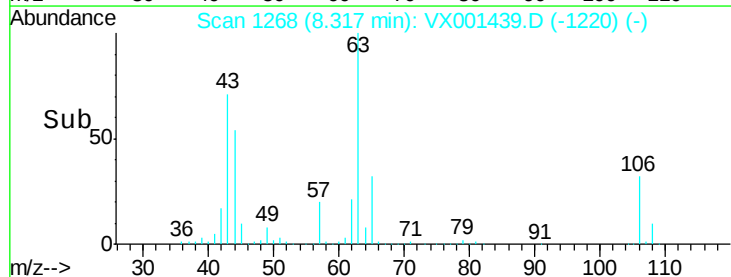
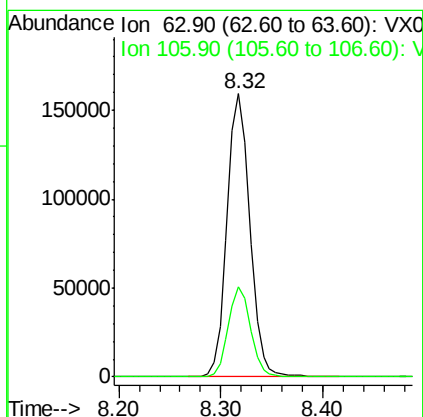
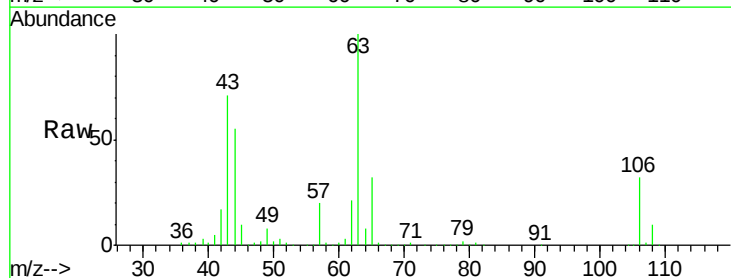
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tgt Ion: 76 Resp: 111271
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.37 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 63 Resp: 247503
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0

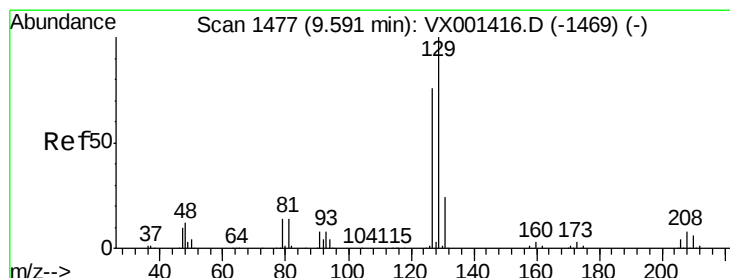
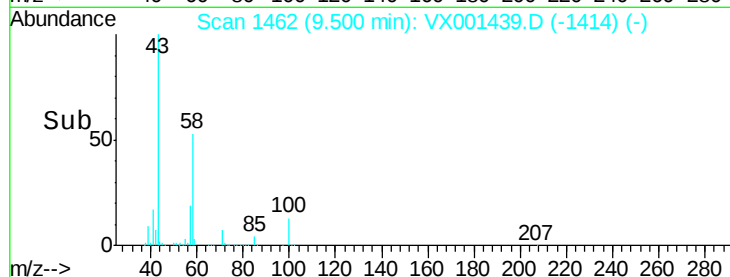
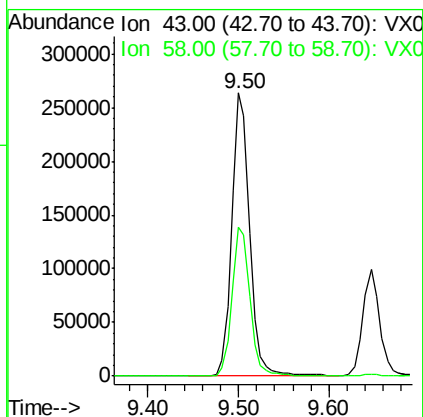
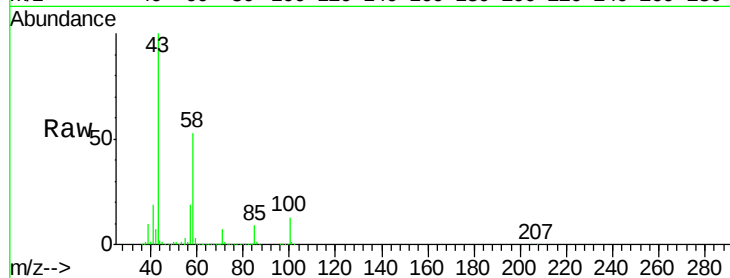




#59
2-Hexanone
Concen: 96.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

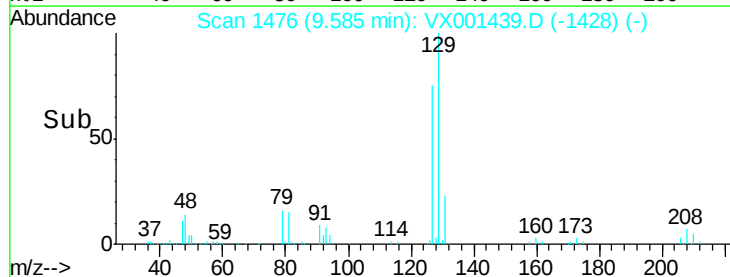
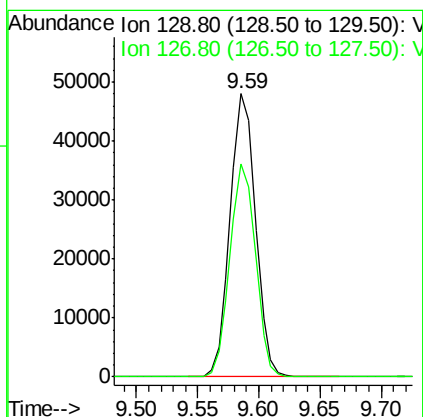
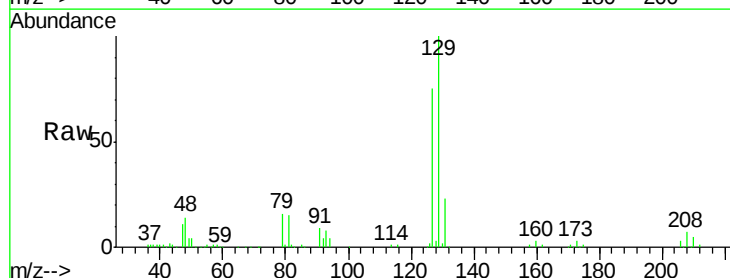
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

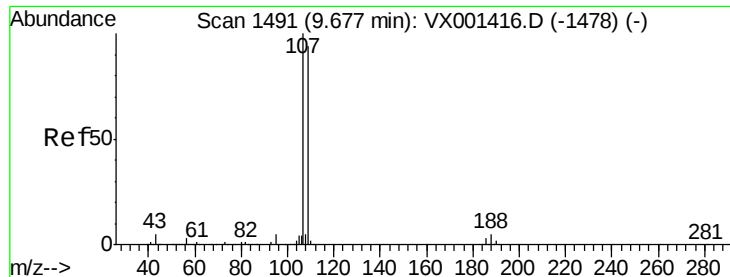
Tgt Ion: 43 Resp: 365482
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 19.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 129 Resp: 69074
Ion Ratio Lower Upper
129 100
127 75.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

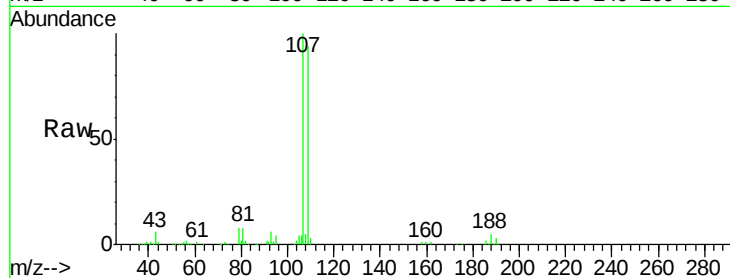
VX0506WBS01

Tgt Ion: 107 Resp: 71436

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

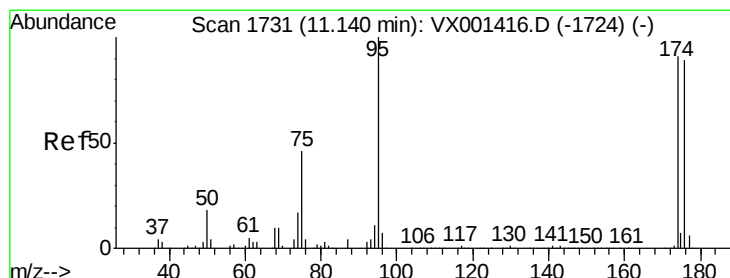
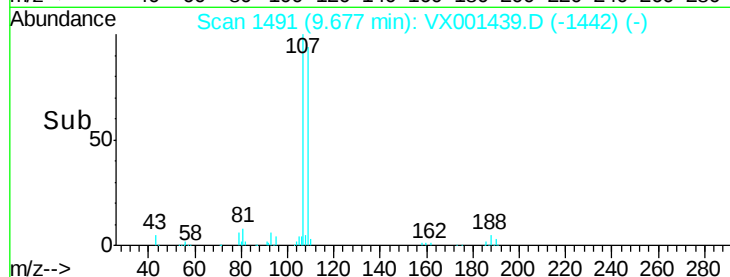
20000

10000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

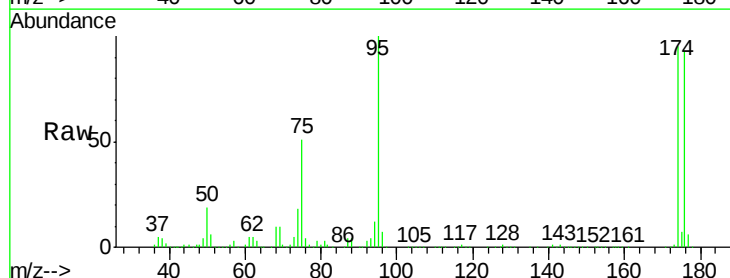
Tgt Ion: 95 Resp: 209927

Ion Ratio Lower Upper

95 100

174 100.1 0.0 202.0

176 98.3 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

200000

150000

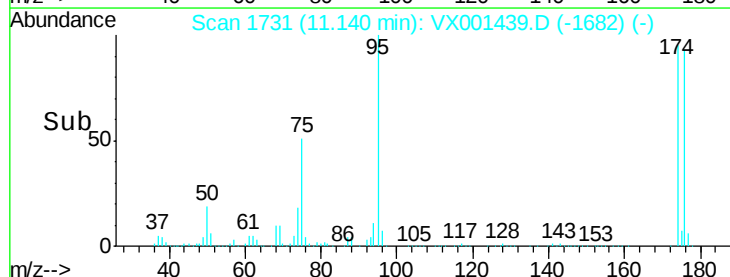
100000

50000

0

11.10 11.20

Time-->

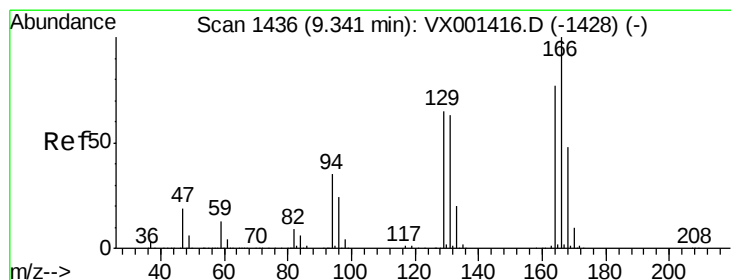
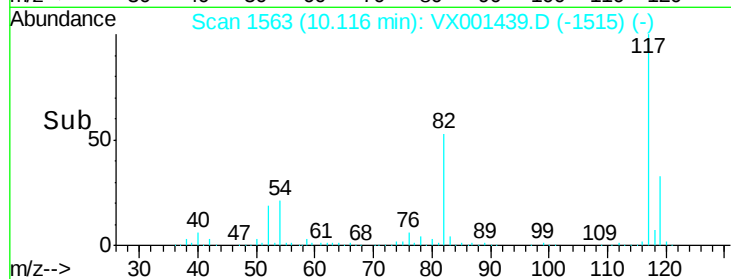
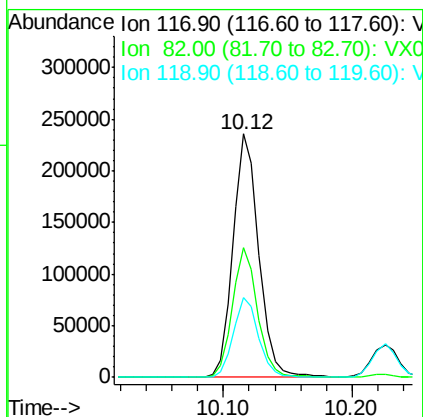
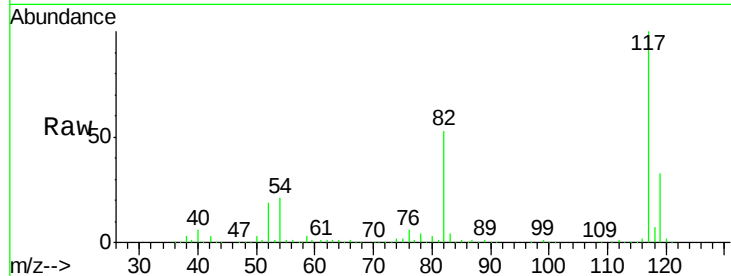




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

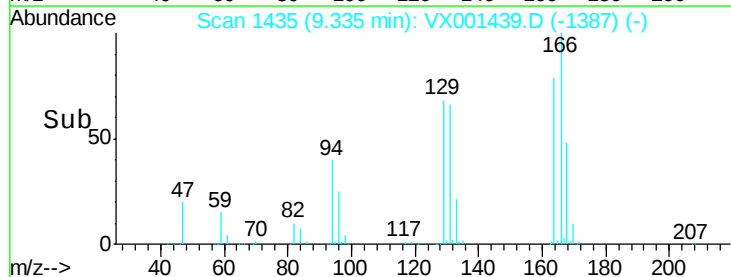
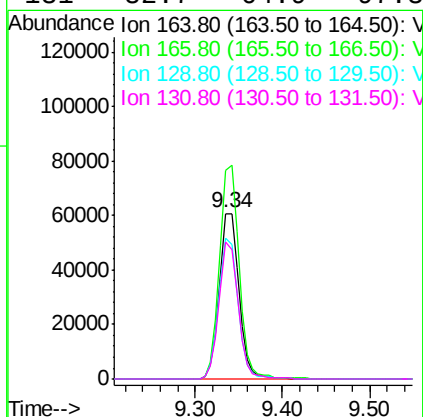
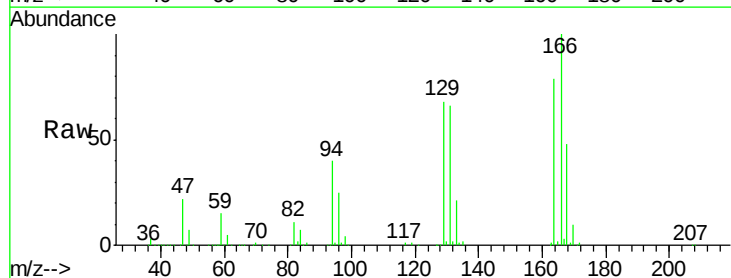
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

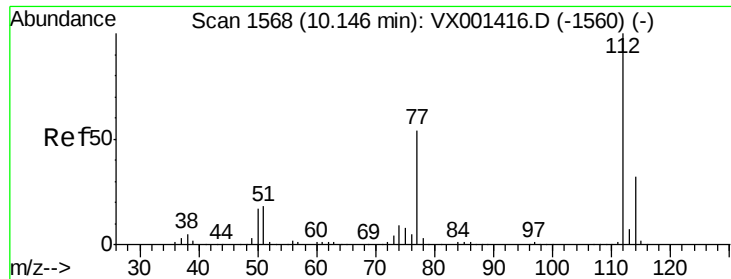
Tgt Ion:117 Resp: 328716
Ion Ratio Lower Upper
117 100
82 53.1 40.0 60.0
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion:164 Resp: 94607
Ion Ratio Lower Upper
164 100
166 126.2 103.5 155.3
129 85.3 66.7 100.1
131 82.7 64.9 97.3





#65

Chlorobenzene

Concen: 19.72 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

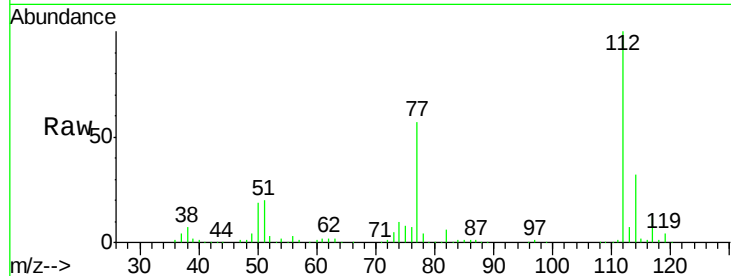
VX0506WBS01

Tgt Ion:112 Resp: 190073

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

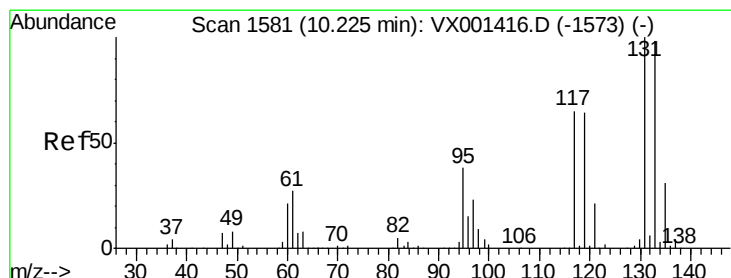
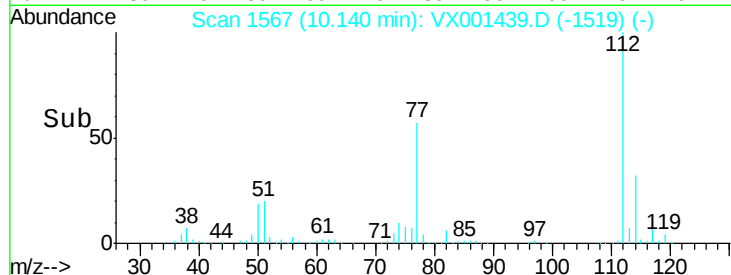
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 20.21 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

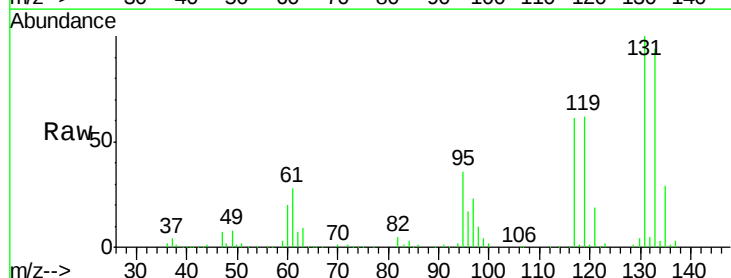
Tgt Ion:131 Resp: 69700

Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.8

119 61.2 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

10.23

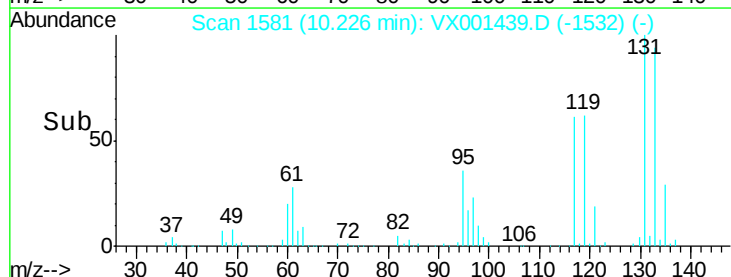
60000

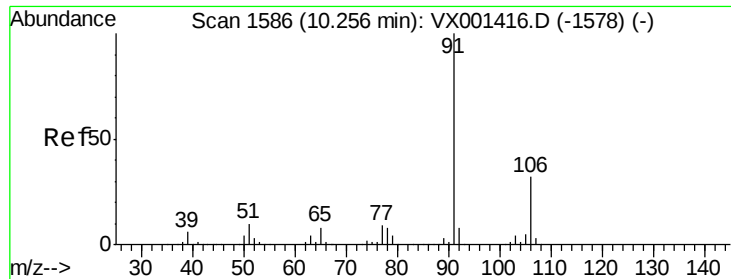
40000

20000

0

Time--> 10.15 10.20 10.25 10.30

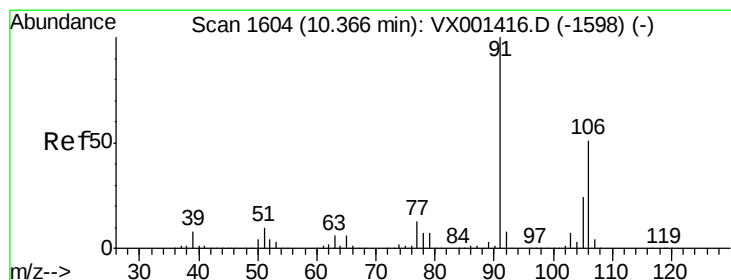
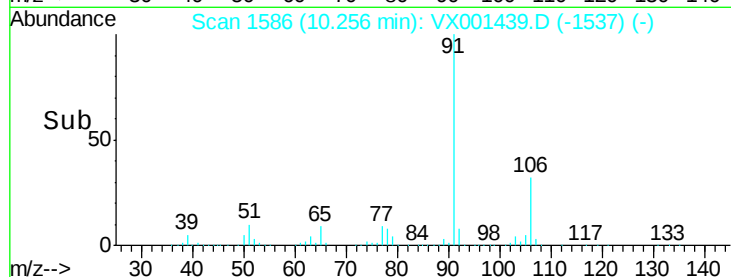
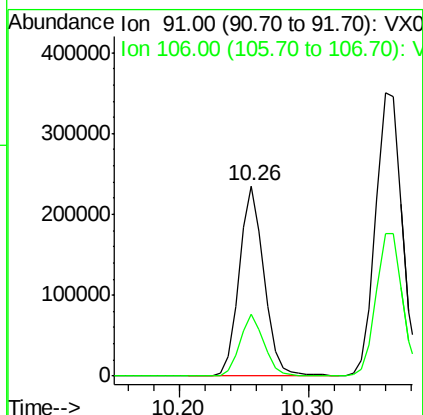
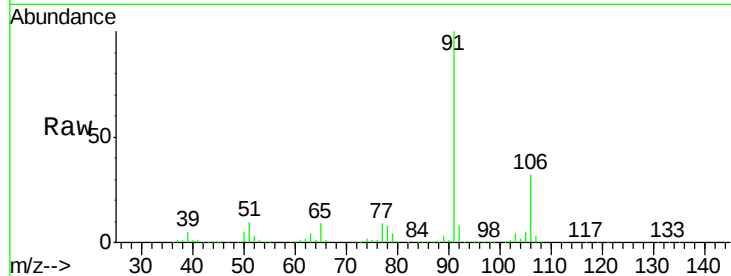




#67
Ethyl Benzene
Concen: 19.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

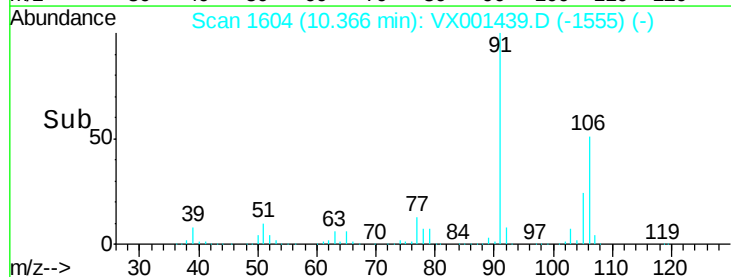
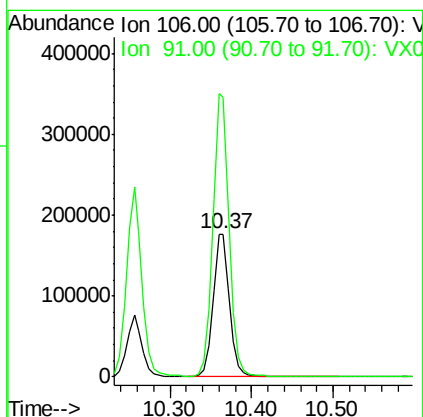
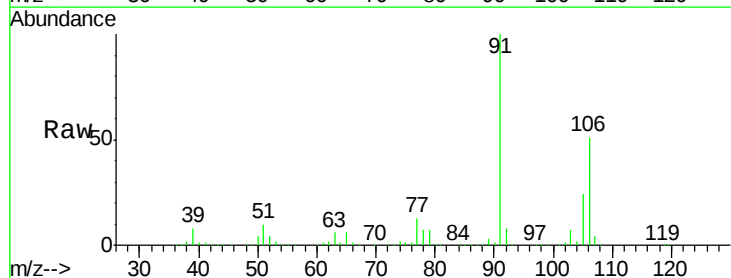
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

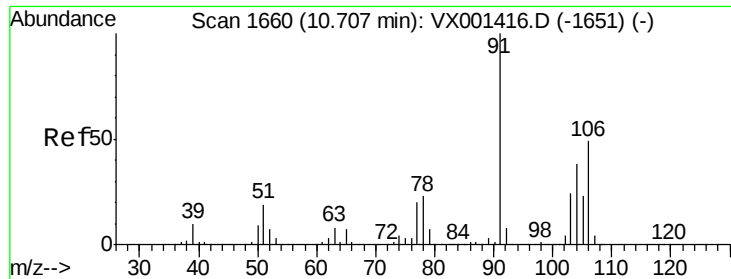
Tgt Ion: 91 Resp: 312765
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 40.50 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 106 Resp: 252887
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3

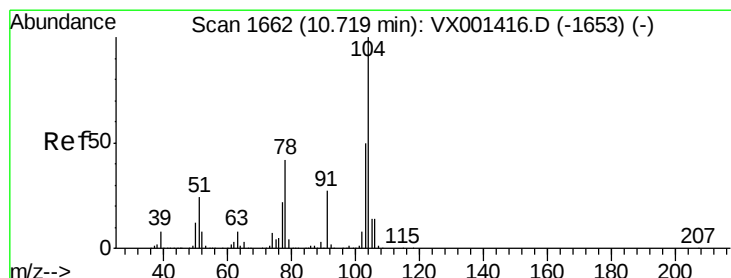
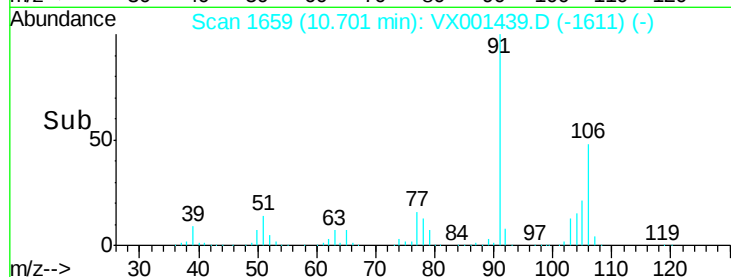
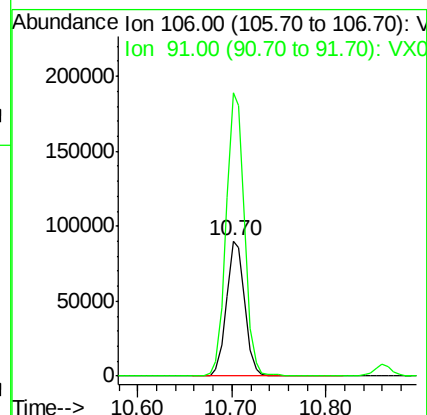
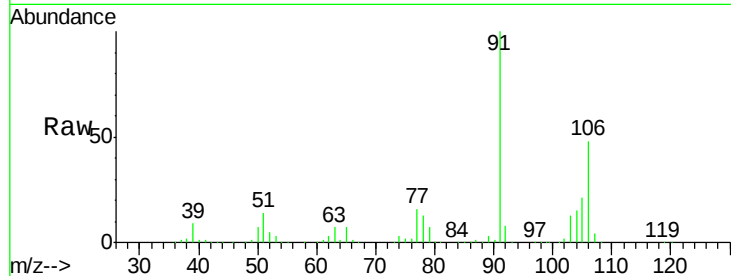




#69
o-Xylene
Concen: 19.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

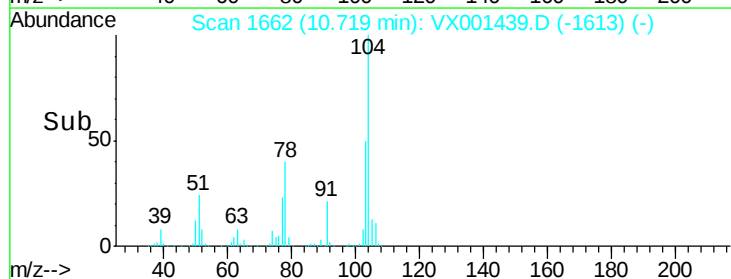
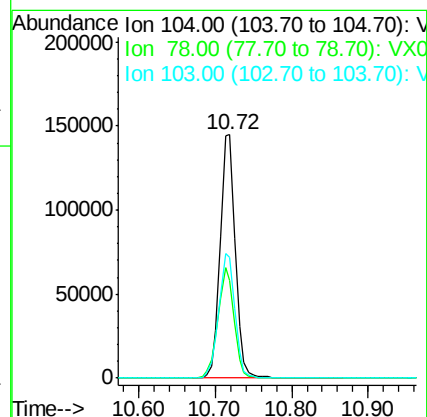
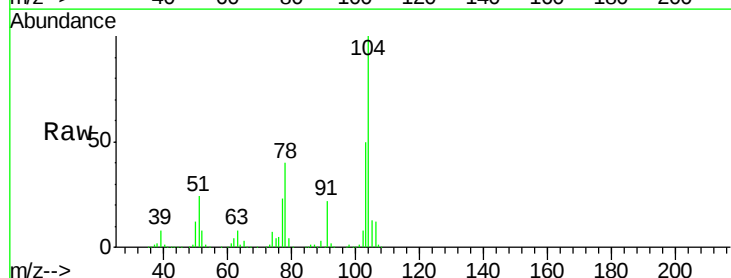
Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

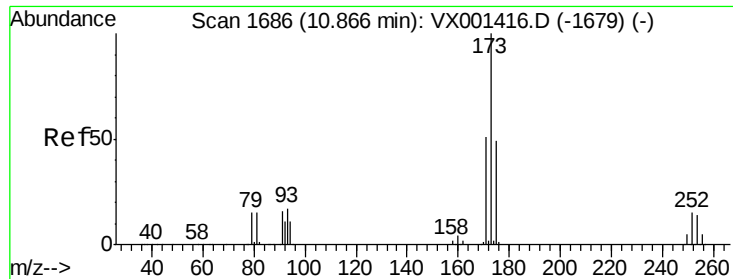
Tgt Ion:106 Resp: 120931
Ion Ratio Lower Upper
106 100
91 209.5 103.1 309.1



#70
Styrene
Concen: 20.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion:104 Resp: 198884
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.0 44.0 66.0

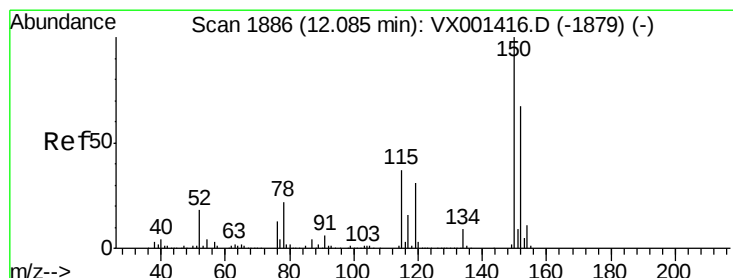
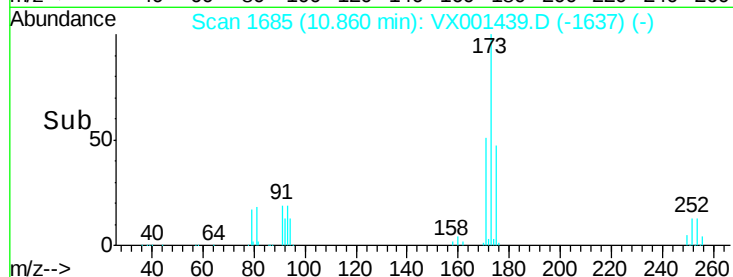
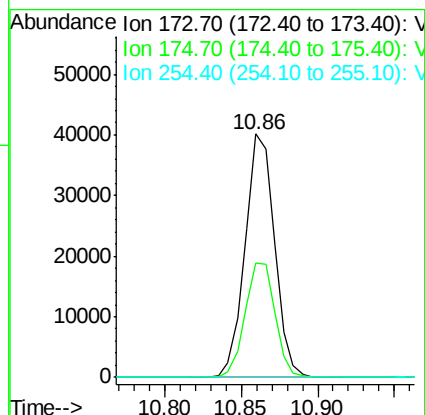
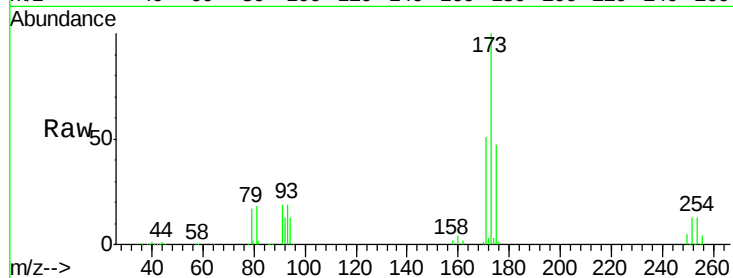




#71
Bromoform
Concen: 18.61 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

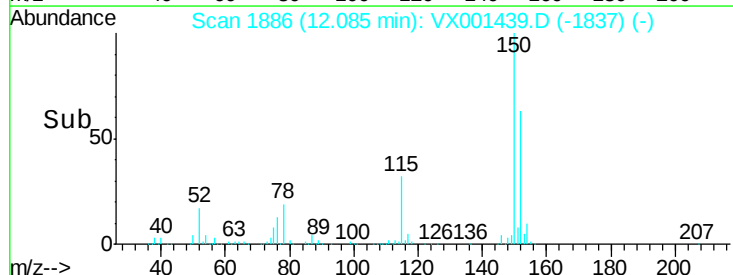
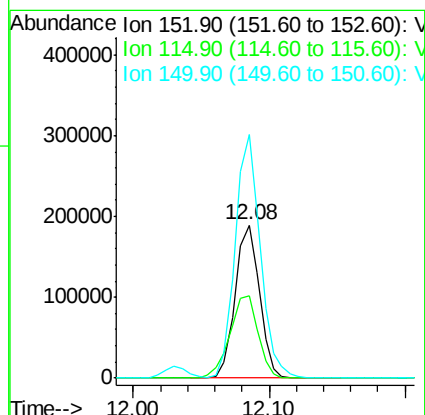
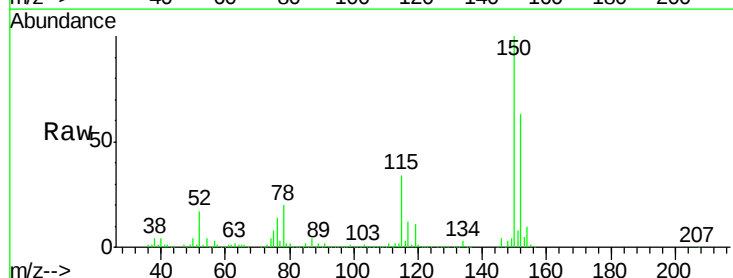
Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

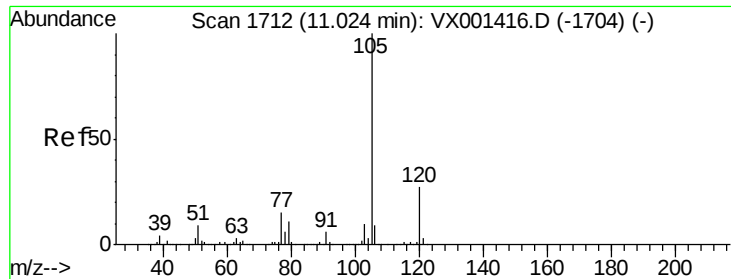
Tgt Ion:173 Resp: 53709
Ion Ratio Lower Upper
173 100
175 47.9 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion:152 Resp: 235294
Ion Ratio Lower Upper
152 100
115 62.6 37.7 113.1
150 164.4 0.0 349.4





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

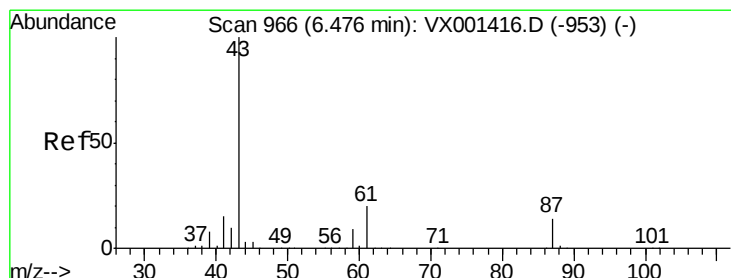
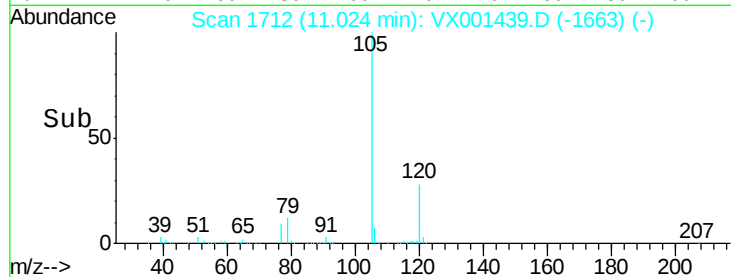
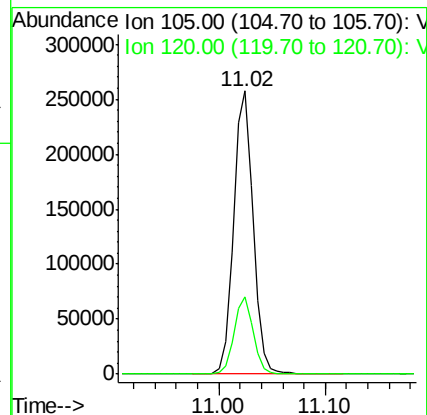
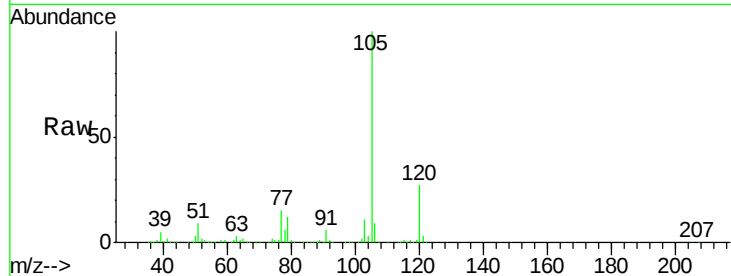
VX0506WBS01

Tgt Ion: 105 Resp: 330452

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 20.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion: 43 Resp: 148152

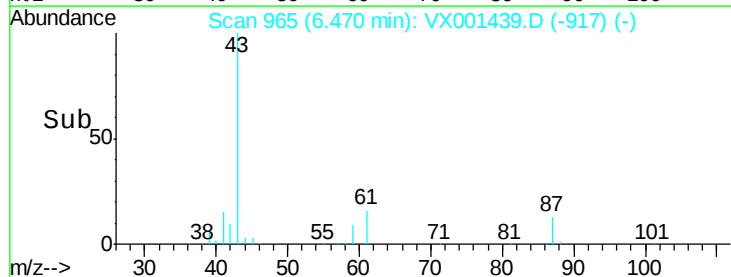
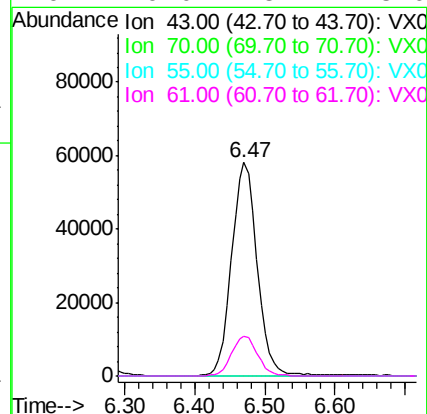
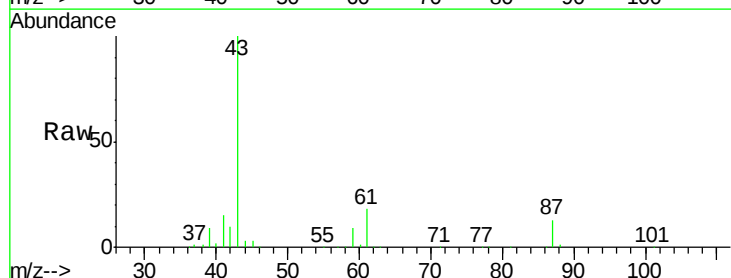
Ion Ratio Lower Upper

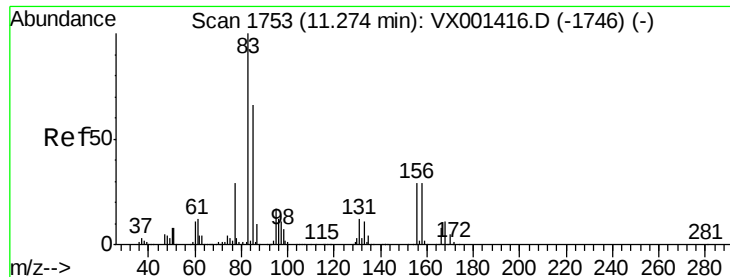
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.0 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

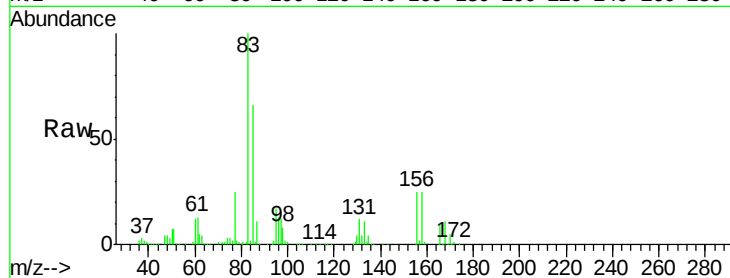
Tgt Ion: 83 Resp: 91673

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

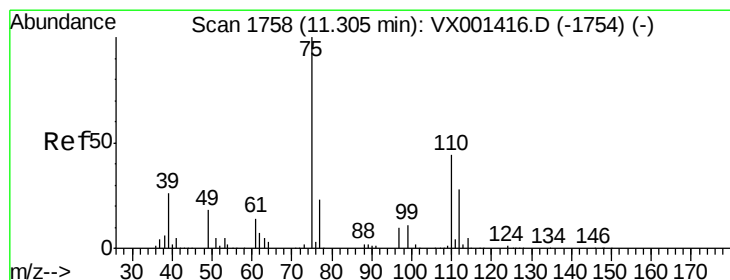
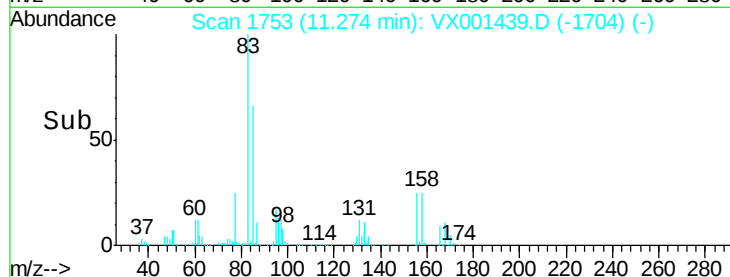
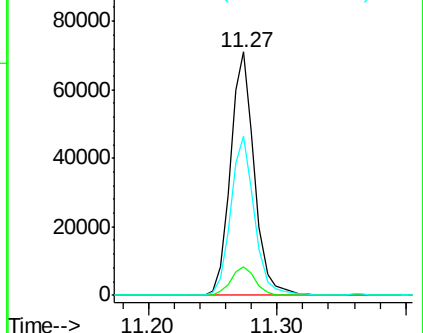
85 65.2 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.58 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001439.D

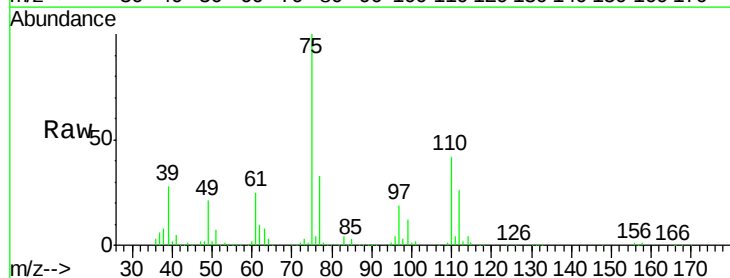
Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 107733

Ion Ratio Lower Upper

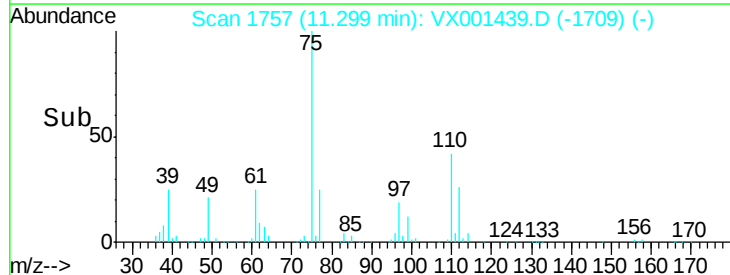
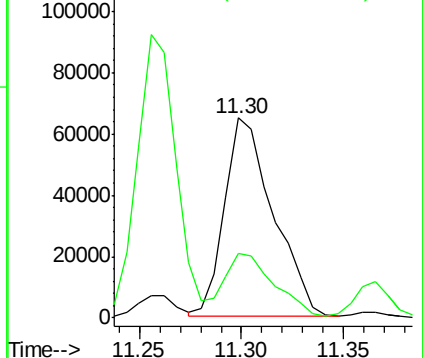
75 100

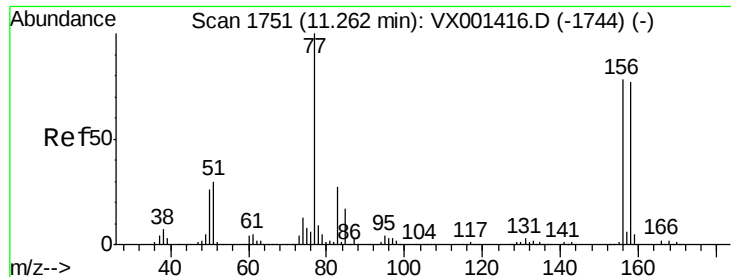
77 34.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

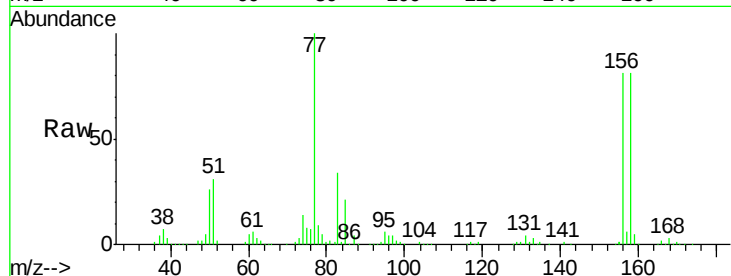
Tgt Ion:156 Resp: 93150

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

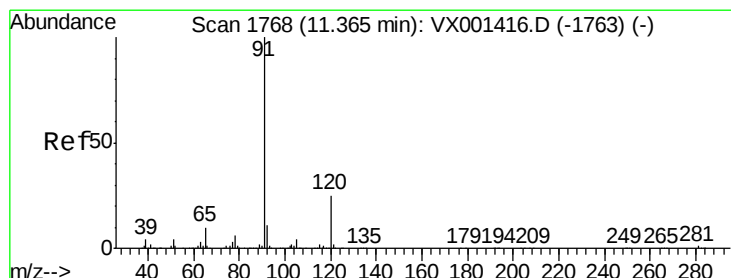
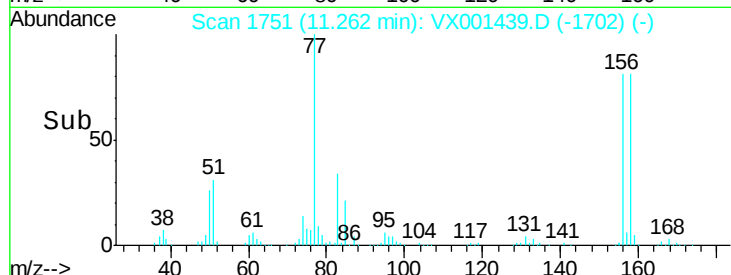
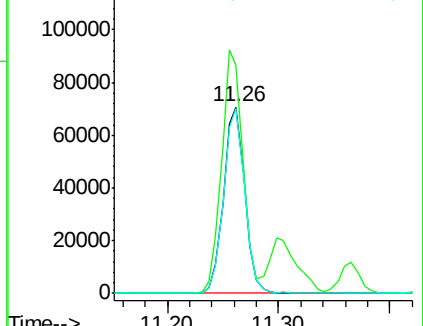
158 98.5 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.76 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001439.D

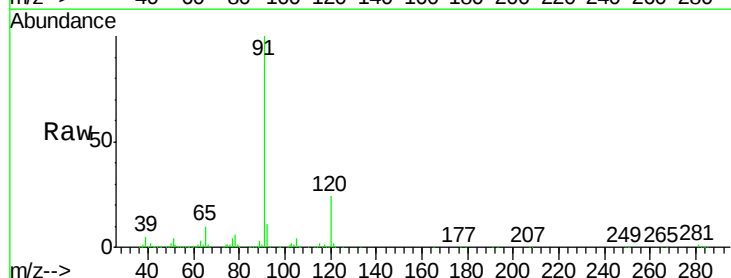
Acq: 06 May 2018 13:04

Tgt Ion: 91 Resp: 368211

Ion Ratio Lower Upper

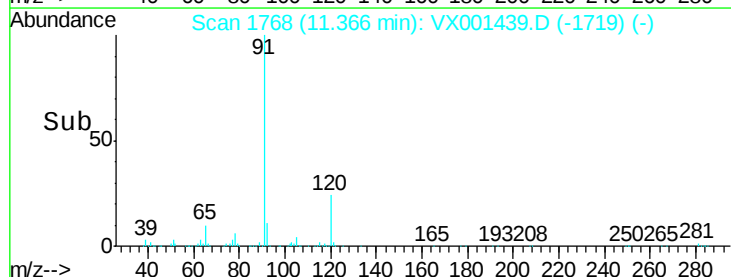
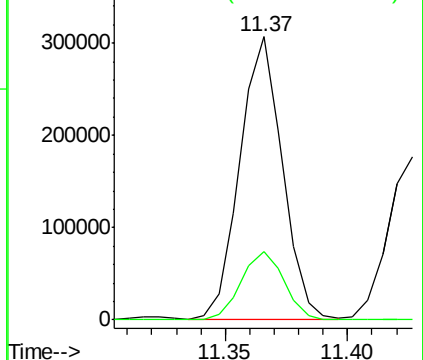
91 100

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: 20.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

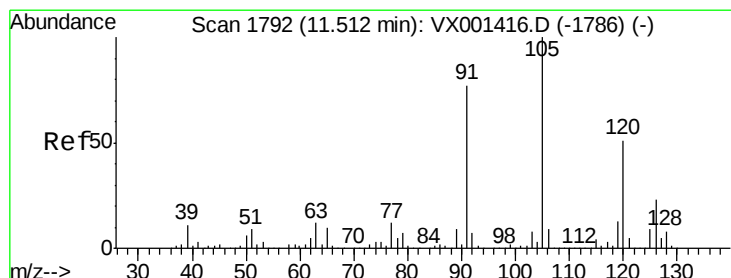
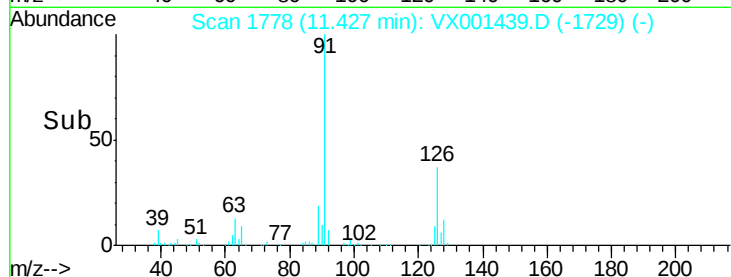
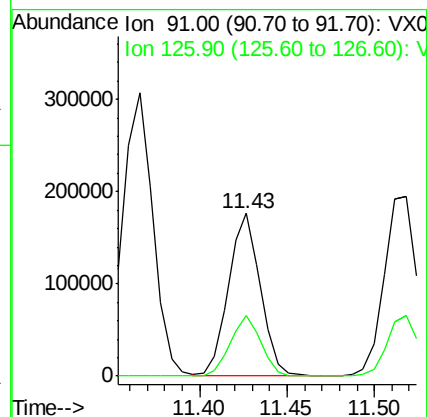
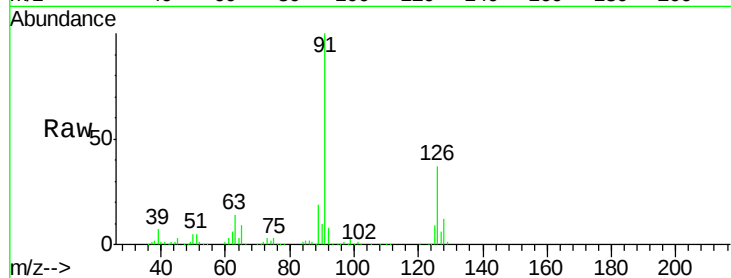
VX0506WBS01

Tgt Ion: 91 Resp: 220692

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001439.D

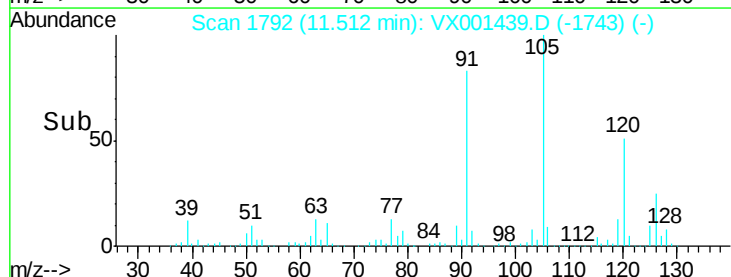
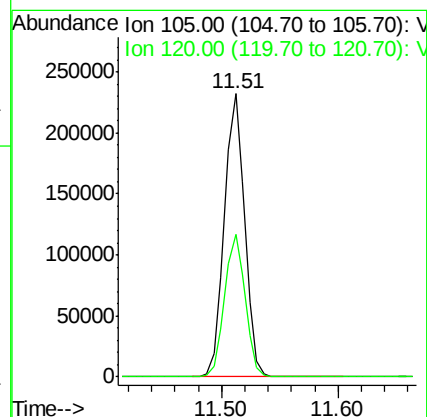
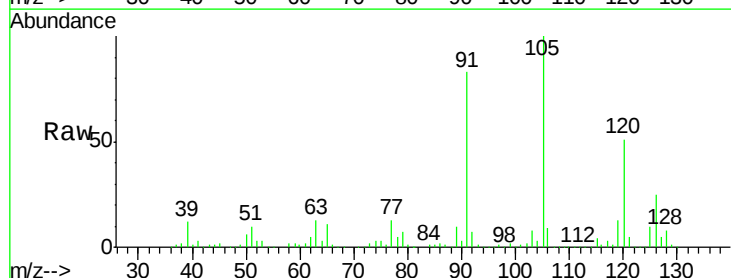
Acq: 06 May 2018 13:04

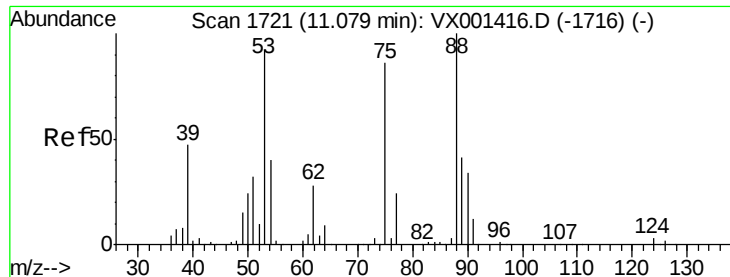
Tgt Ion: 105 Resp: 279088

Ion Ratio Lower Upper

105 100

120 50.9 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

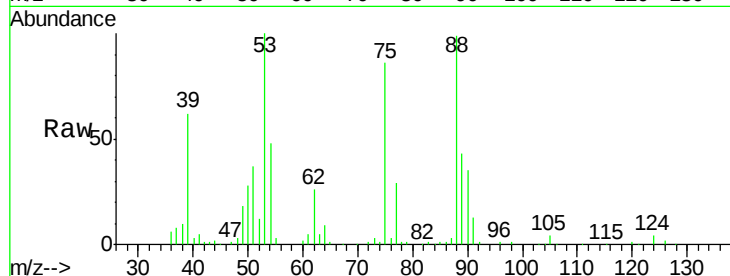
Tgt Ion: 75 Resp: 22575

Ion Ratio Lower Upper

75 100

53 122.0 84.5 126.7

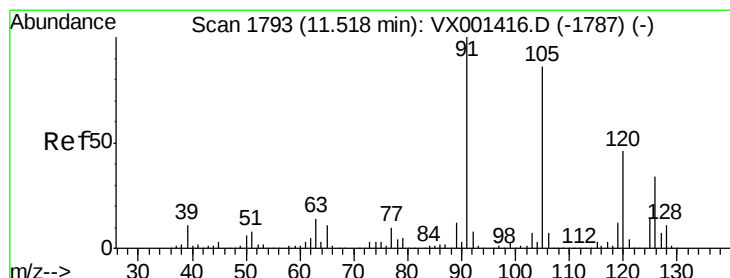
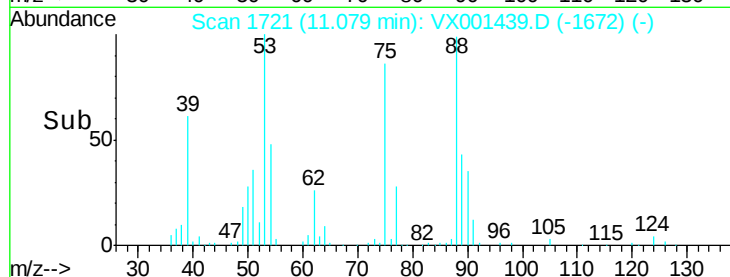
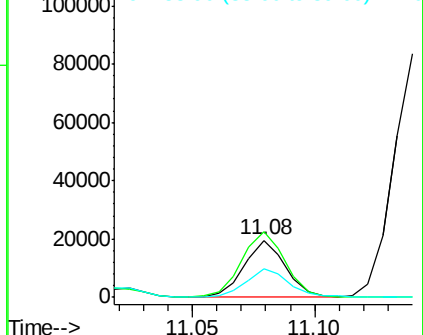
89 53.2 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.43 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001439.D

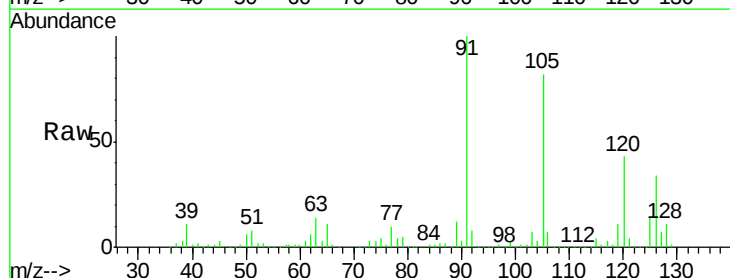
Acq: 06 May 2018 13:04

Tgt Ion: 91 Resp: 257318

Ion Ratio Lower Upper

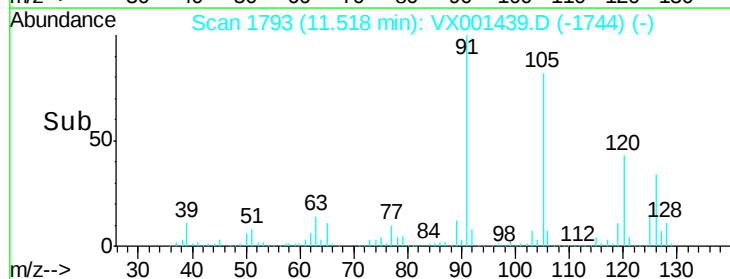
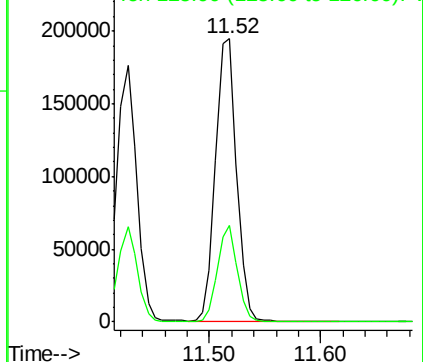
91 100

126 31.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

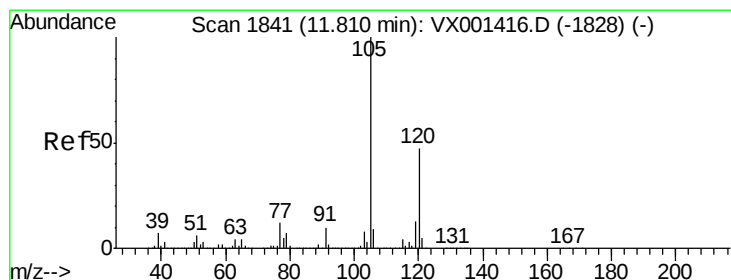
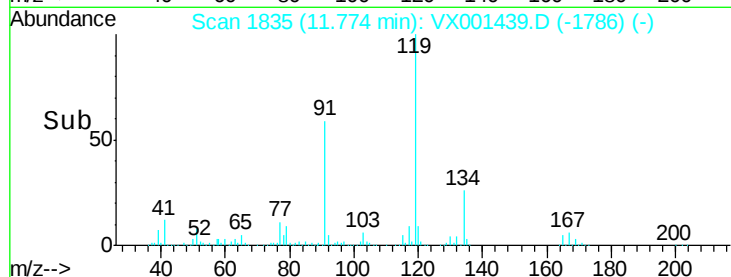
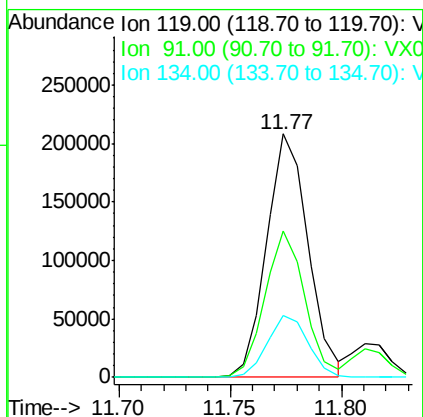
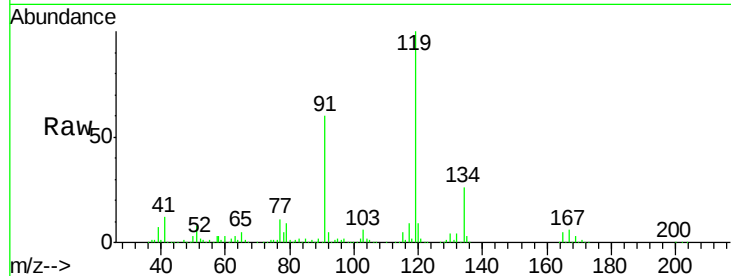




#83
 tert-Butylbenzene
 Concen: 19.91 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

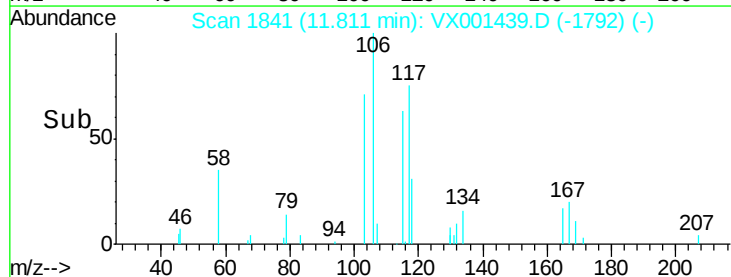
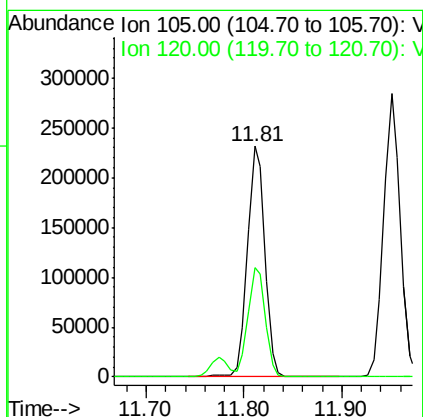
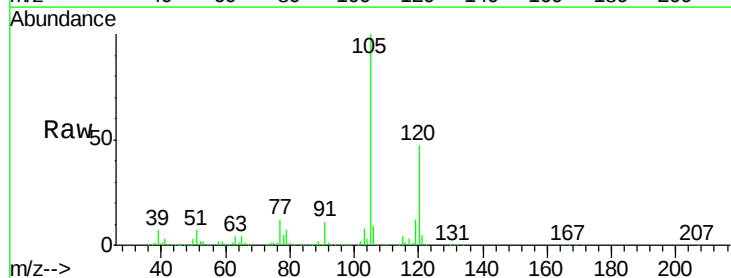
Instrument :
 MSVOA_X
 ClientSampled :
 VX0506WBS01

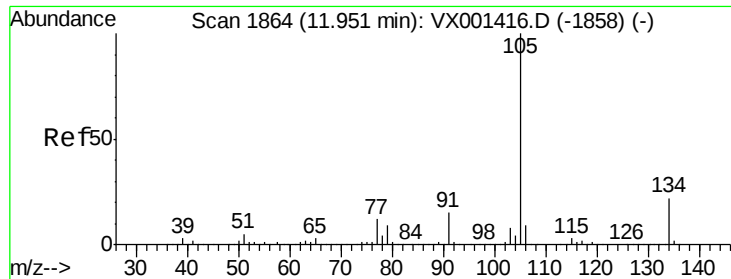
Tgt Ion:119 Resp: 268690
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.8 83.3
 134 25.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion:105 Resp: 286492
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2

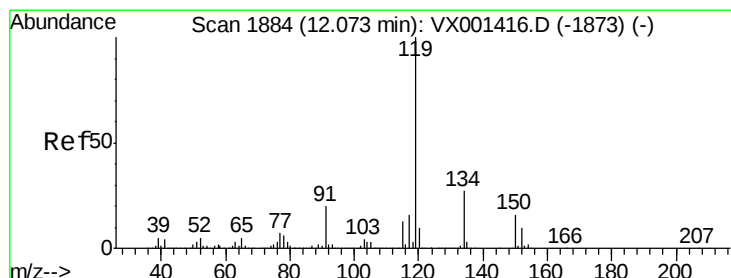
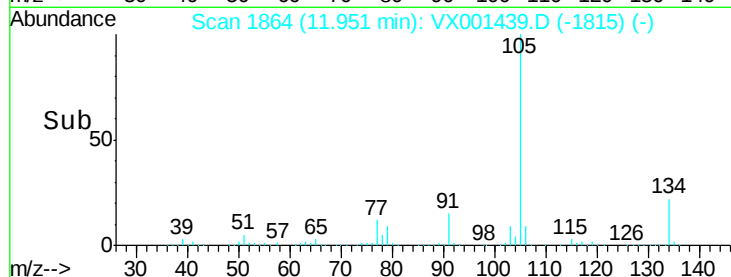
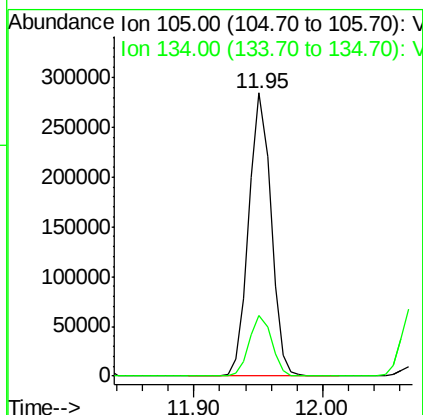
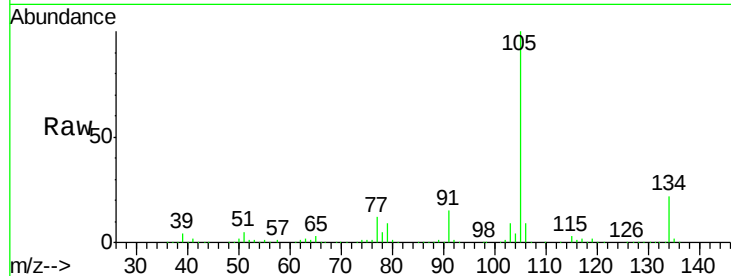




#85
 sec-Butylbenzene
 Concen: 20.77 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

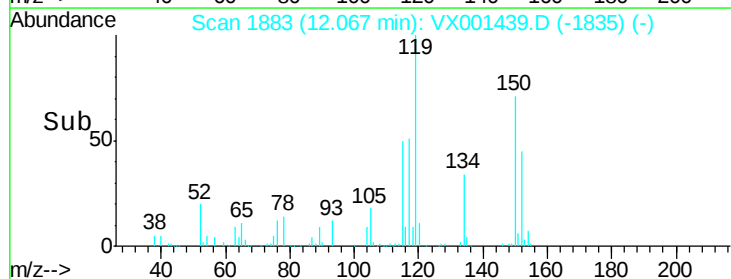
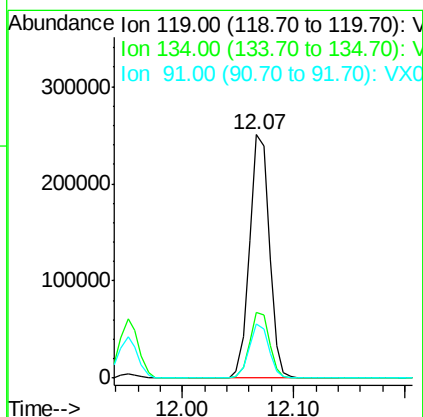
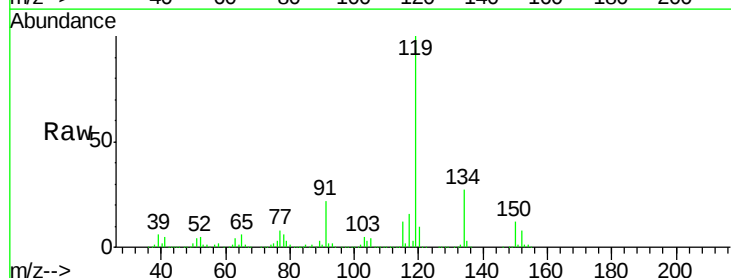
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

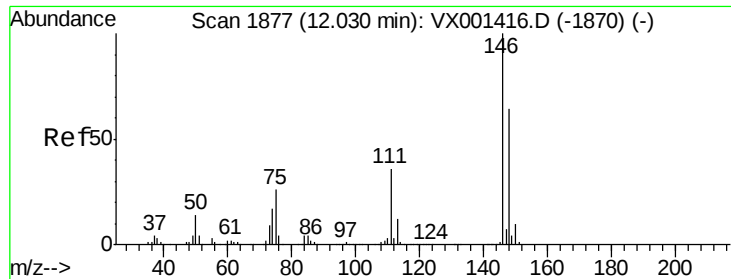
Tgt Ion:105 Resp: 336478
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.84 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion:119 Resp: 309658
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.2 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

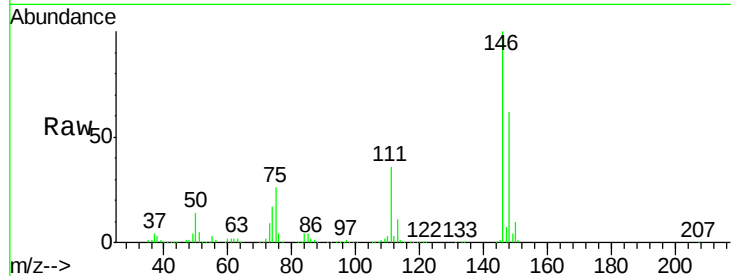
Tgt Ion:146 Resp: 171352

Ion Ratio Lower Upper

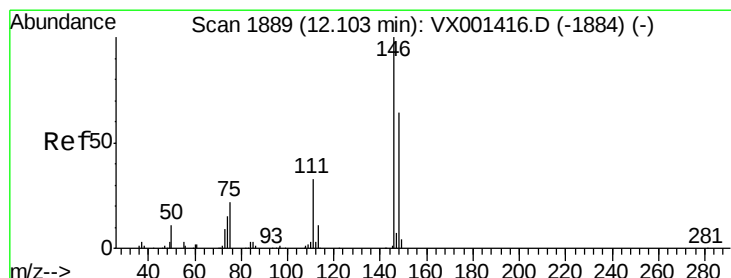
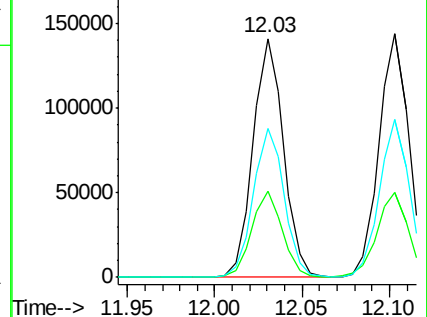
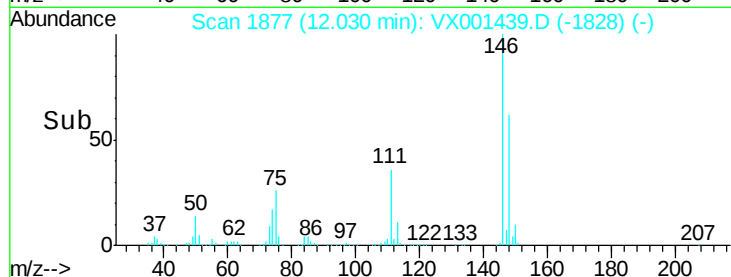
146 100

111 35.8 18.1 54.1

148 63.0 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 19.86 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

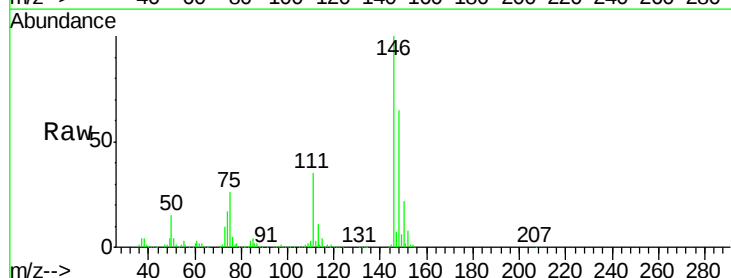
Tgt Ion:146 Resp: 171497

Ion Ratio Lower Upper

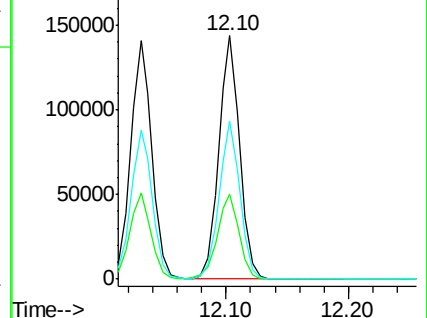
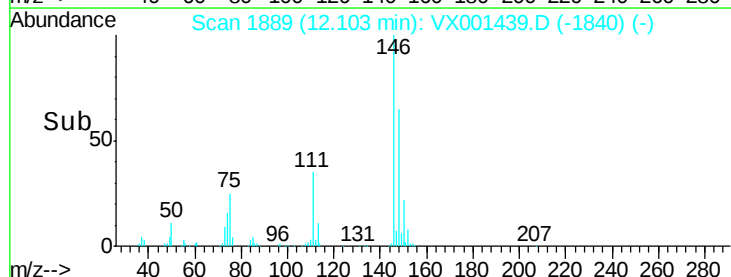
146 100

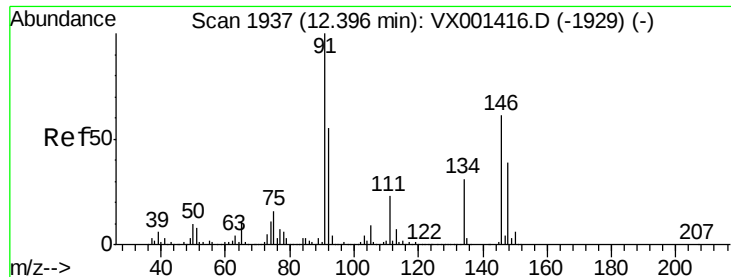
111 36.6 17.4 52.3

148 64.8 32.2 96.6



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





#89

n-Butylbenzene

Concen: 20.35 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

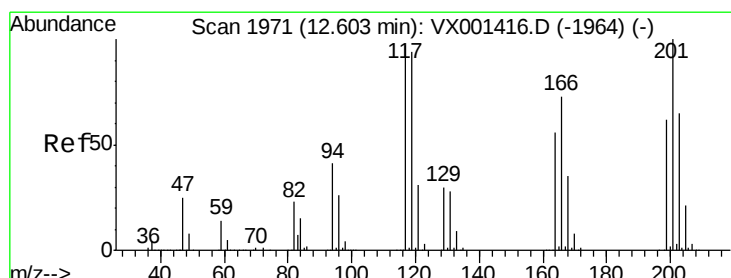
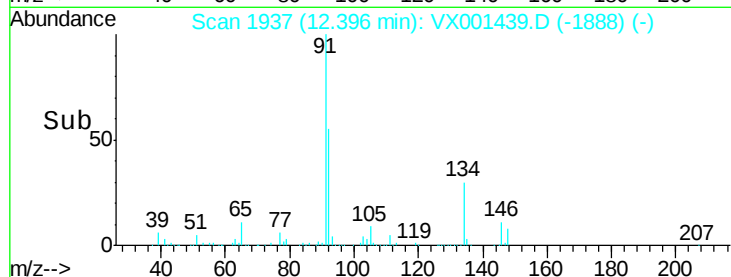
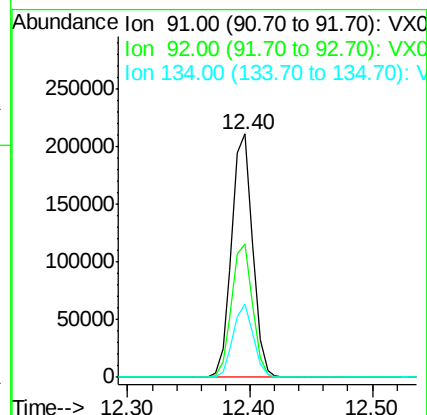
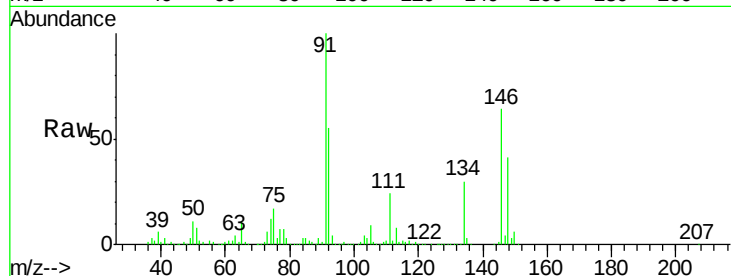
Tgt Ion: 91 Resp: 250558

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.5

134 28.9 14.6 44.0



#90

Hexachloroethane

Concen: 19.53 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001439.D

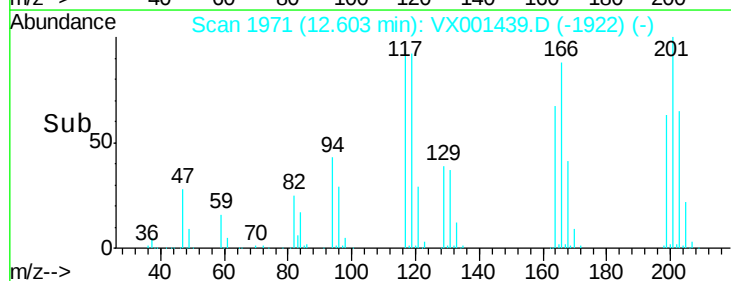
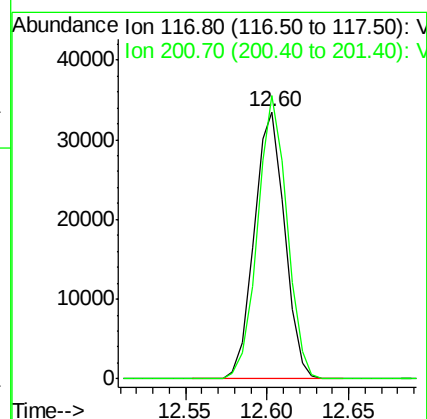
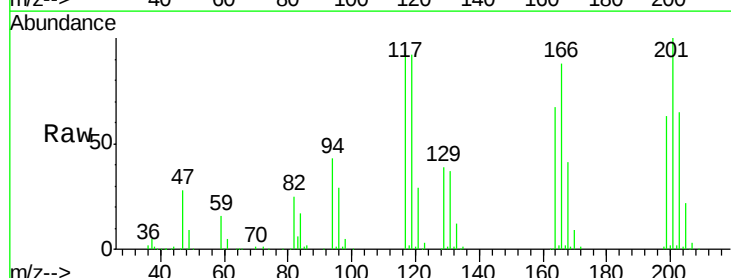
Acq: 06 May 2018 13:04

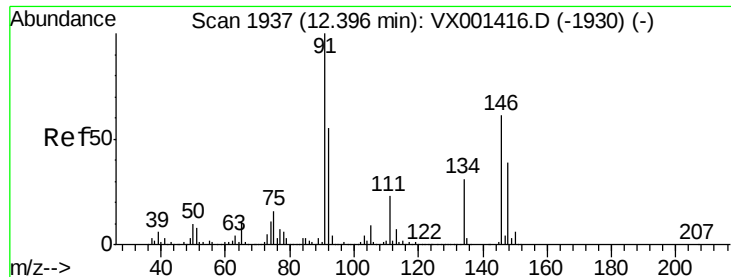
Tgt Ion: 117 Resp: 43689

Ion Ratio Lower Upper

117 100

201 102.2 51.5 154.5

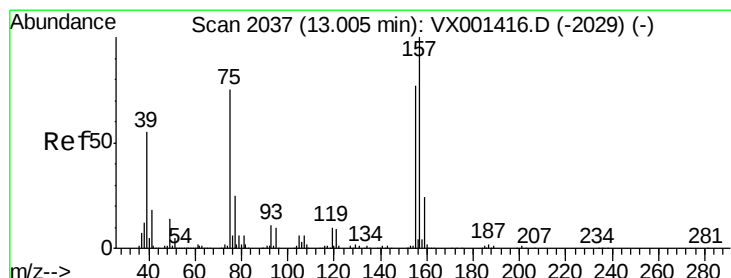
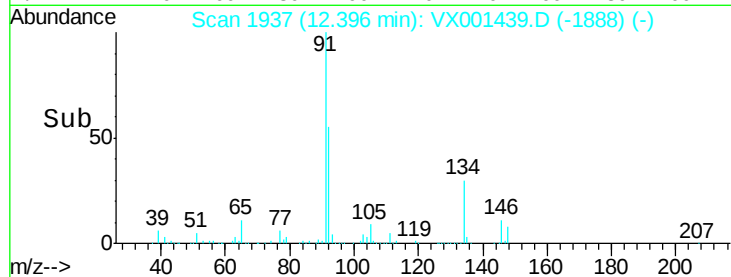
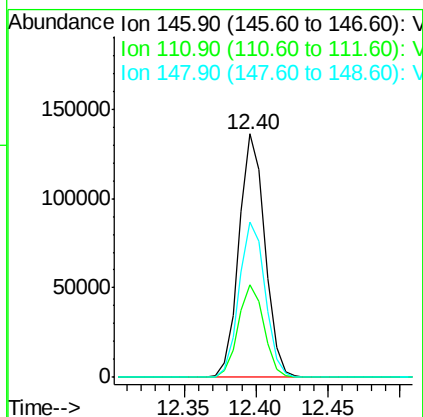
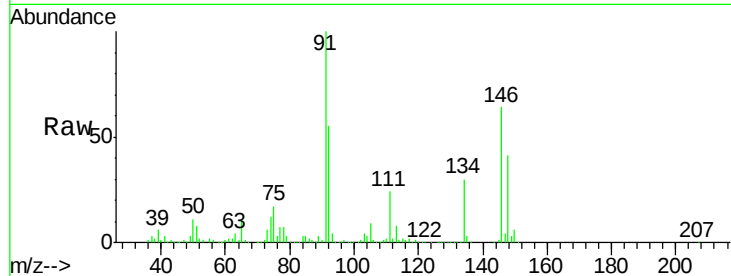




#91
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

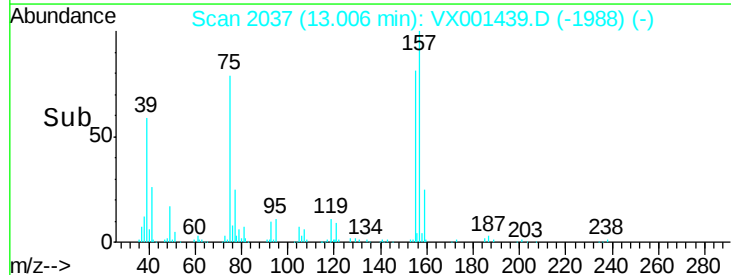
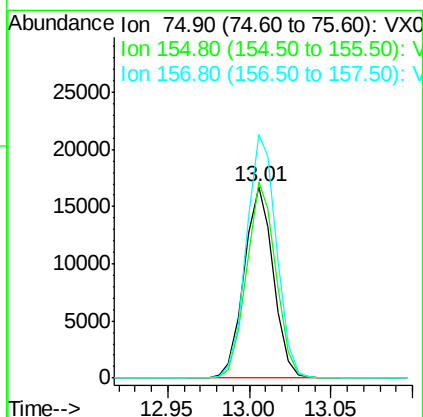
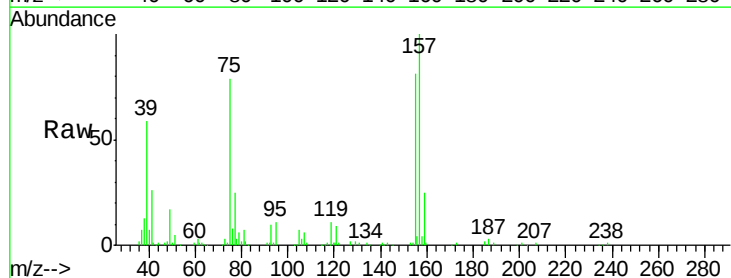
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

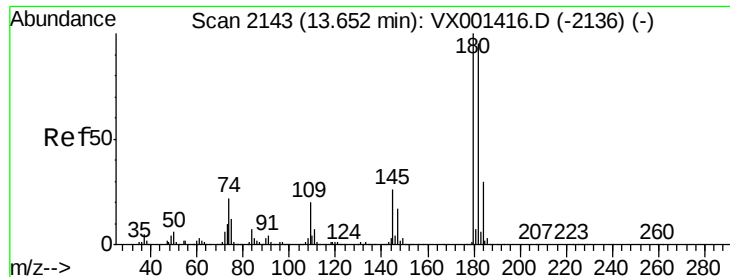
Tgt Ion:146 Resp: 170567
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 20917
 Ion Ratio Lower Upper
 75 100
 155 102.7 53.4 160.2
 157 130.3 68.3 204.8

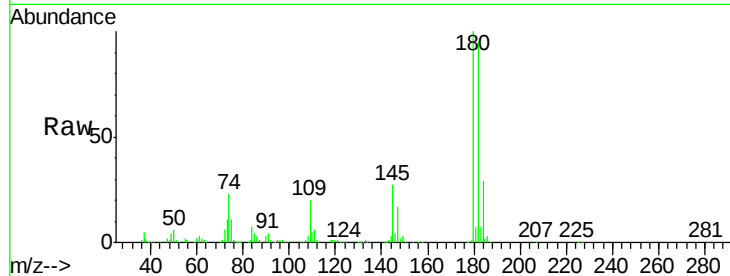




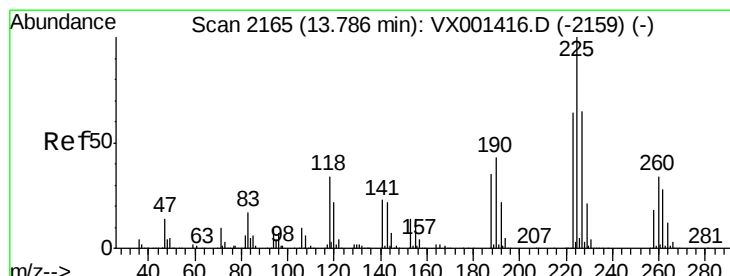
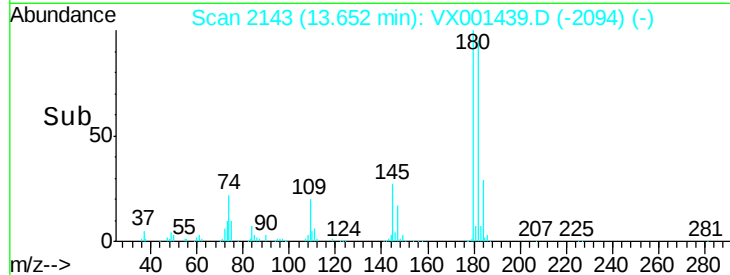
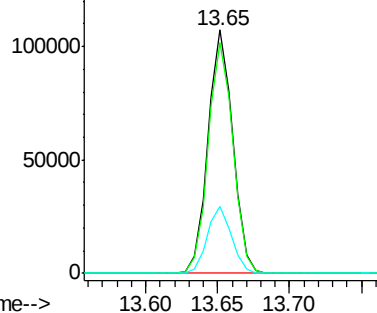
#93
 1,2,4-Trichlorobenzene
 Concen: 20.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tgt Ion:180 Resp: 128145
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.4
 145 26.9 13.3 39.9

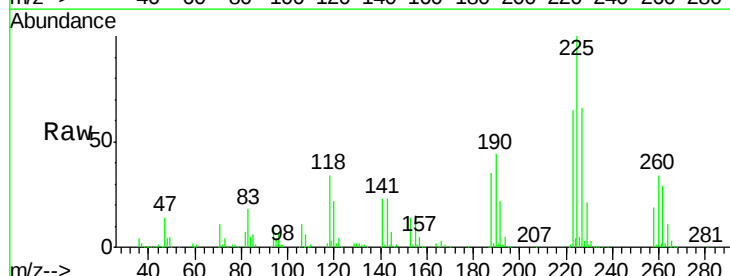


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

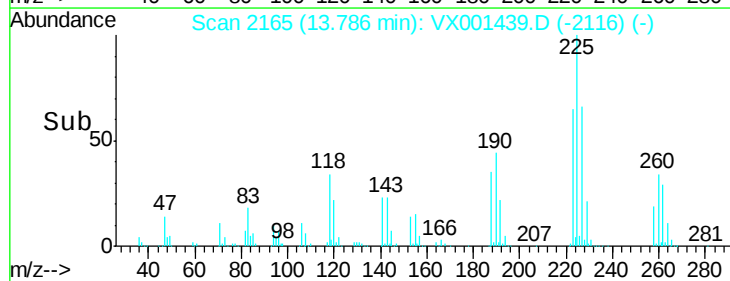
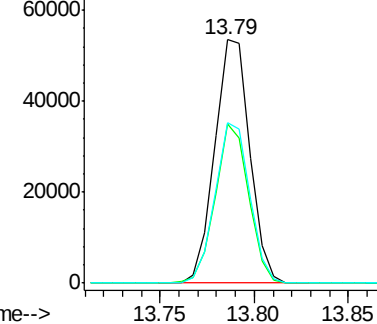


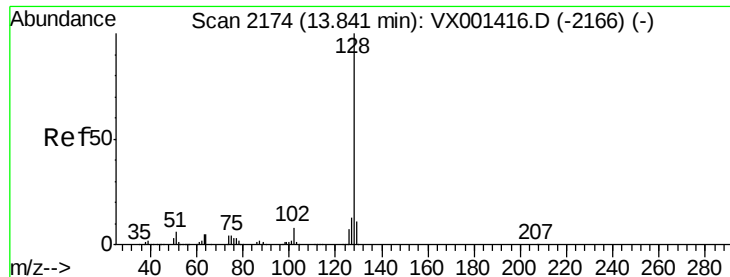
#94
 Hexachlorobutadiene
 Concen: 20.08 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion:225 Resp: 69257
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.9
 227 64.9 32.4 97.2



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





#95

Naphthalene

Concen: 20.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

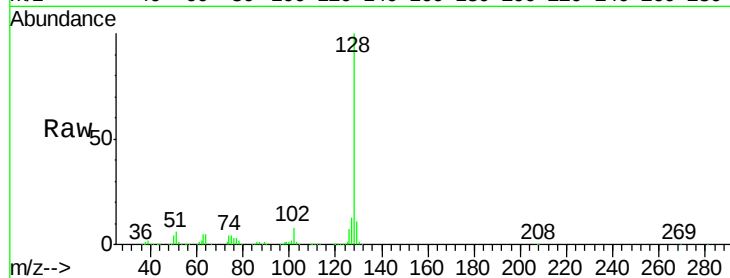
Tgt Ion:128 Resp: 350762

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

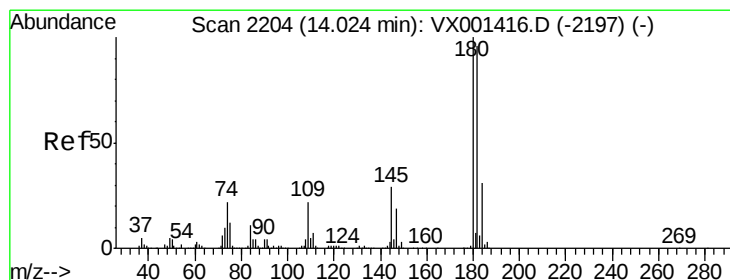
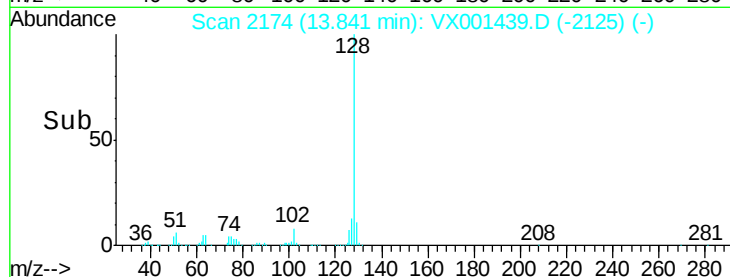
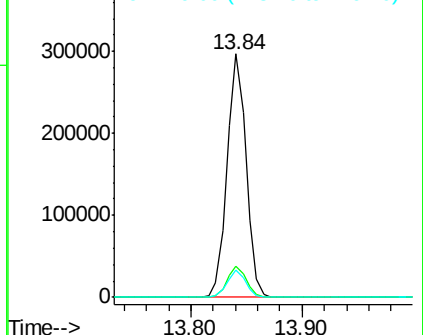
129 10.9 8.7 13.1



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: 20.42 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

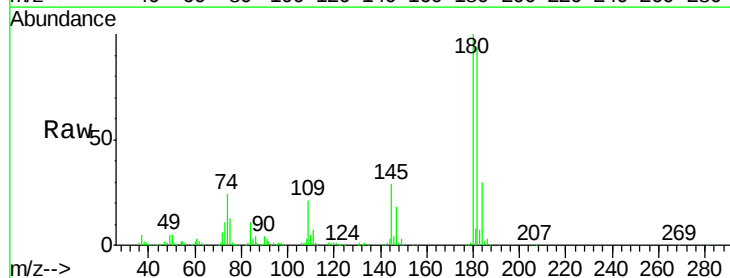
Tgt Ion:180 Resp: 132064

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 28.1 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

