

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001823.D
 Acq On : 18 May 2018 14:00
 Operator : JC/MD
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:21:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187416	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
35) Dibromofluoromethane	5.51	113	168683	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	634412	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	194638	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51558	15.82	ug/l	100
3) Chloromethane	1.32	50	59665	16.95	ug/l	99
4) Vinyl Chloride	1.40	62	62559	16.44	ug/l	98
5) Bromomethane	1.64	94	35367	20.19	ug/l	96
6) Chloroethane	1.72	64	40283	16.80	ug/l	97
7) Trichlorofluoromethane	1.93	101	90432	16.35	ug/l	99
8) Diethyl Ether	2.19	74	37985	16.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57550	17.29	ug/l	98
10) Methyl Iodide	2.51	142	63459	20.72	ug/l	99
11) Tert butyl alcohol	3.07	59	69495	89.93	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51424	16.02	ug/l	99
13) Acrolein	2.29	56	41886	76.42	ug/l	98
14) Allyl chloride	2.73	41	98527	16.61	ug/l	97
15) Acrylonitrile	3.15	53	164411	84.71	ug/l	100
16) Acetone	2.45	43	155986	91.24	ug/l	99
17) Carbon Disulfide	2.57	76	118062	14.10	ug/l	100
18) Methyl Acetate	2.78	43	90253	18.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	178997	16.55	ug/l	100
20) Methylene Chloride	2.86	84	60112	16.43	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55750	15.77	ug/l	97
22) Diisopropyl ether	3.87	45	189116	16.62	ug/l	99
23) Vinyl Acetate	3.82	43	628024	76.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	105017	16.83	ug/l	100
25) 2-Butanone	4.71	43	233511	89.22	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82967	16.51	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	67740	16.84	ug/l	99
28) Bromochloromethane	5.01	49	48813	17.61	ug/l	100
29) Tetrahydrofuran	5.17	42	145474	85.27	ug/l	100
30) Chloroform	5.22	83	109683	16.73	ug/l	97
31) Cyclohexane	5.57	56	93961	17.17	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	94110	16.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78671	16.97	ug/l	99
37) Ethyl Acetate	4.87	43	84236	17.44	ug/l	99
38) Carbon Tetrachloride	5.78	117	83785	17.25	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98155	18.12	ug/l	99
40) Benzene	6.15	78	248803	18.22	ug/l	99
41) Methacrylonitrile	5.07	41	48845	17.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84890	17.18	ug/l	98
43) Isopropyl Acetate	6.47	43	128885	17.04	ug/l	99
44) Trichloroethene	7.21	130	75575	17.83	ug/l	98
45) 1,2-Dichloropropane	7.52	63	62001	18.50	ug/l	97
46) Dibromomethane	7.67	93	40389	17.16	ug/l	95
47) Bromodichloromethane	7.90	83	76867	17.60	ug/l	95
48) Methyl methacrylate	7.78	41	67709	17.01	ug/l	96
49) 1,4-Dioxane	7.76	88	31314	408.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	439823	91.78	ug/l	100
52) Toluene	8.79	92	161991	18.46	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90048	17.52	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78652	17.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63679	18.98	ug/l	98
56) Ethyl methacrylate	9.18	69	83646	17.58	ug/l	98
57) 1,3-Dichloropropane	9.38	76	92070	16.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219686	89.77	ug/l	100
59) 2-Hexanone	9.50	43	287984	83.95	ug/l	100
60) Dibromochloromethane	9.59	129	55387	16.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56741	16.16	ug/l	99
64) Tetrachloroethene	9.34	164	84994	20.30	ug/l	95
65) Chlorobenzene	10.14	112	154879	17.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56388	18.05	ug/l	99
67) Ethyl Benzene	10.26	91	253244	17.91	ug/l	100
68) m/p-Xylenes	10.36	106	202428	36.29	ug/l	100
69) o-Xylene	10.70	106	98079	18.36	ug/l	98
70) Styrene	10.72	104	158307	17.97	ug/l	100
71) Bromoform	10.86	173	43924	17.15	ug/l	99
73) Isopropylbenzene	11.02	105	263951	19.09	ug/l	99
74) N-amyl acetate	6.47	43	128885	19.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74370	17.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85282	21.36	ug/l	93
77) Bromobenzene	11.26	156	74417	18.32	ug/l	100
78) n-propylbenzene	11.37	91	291698	18.72	ug/l	99
79) 2-Chlorotoluene	11.43	91	175706	18.86	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221295	19.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19355	16.80	ug/l	93
82) 4-Chlorotoluene	11.51	91	203448	18.54	ug/l	99
83) tert-Butylbenzene	11.77	119	214809	19.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	226890	19.31	ug/l	99
85) sec-Butylbenzene	11.95	105	265949	19.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	244692	18.98	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	136446	18.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135798	17.48	ug/l	99
89) n-Butylbenzene	12.39	91	192516	17.26	ug/l	99
90) Hexachloroethane	12.60	117	37327	18.64	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	135720	18.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15993	18.07	ug/l	99

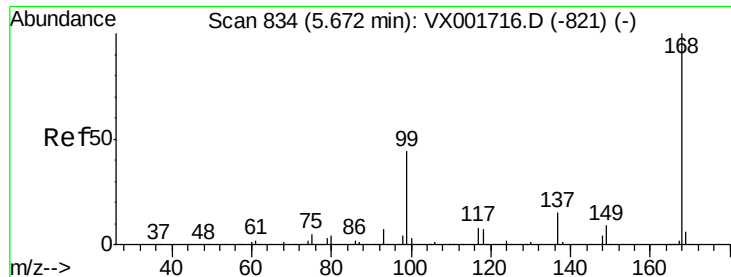
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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102356	17.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	57223	17.86	ug/l	99
95) Naphthalene	13.84	128	271779	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105234	17.51	ug/l	99

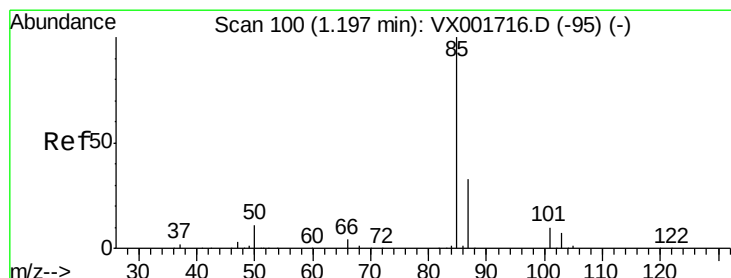
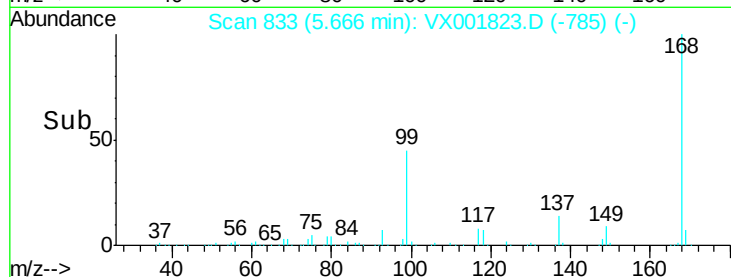
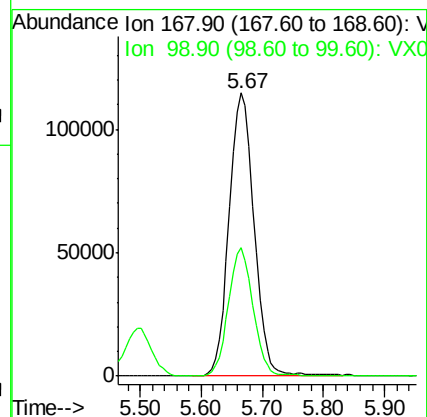
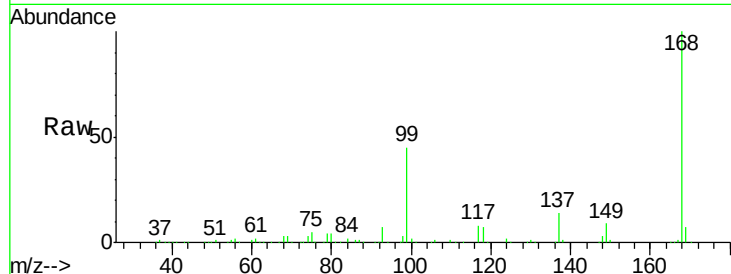
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

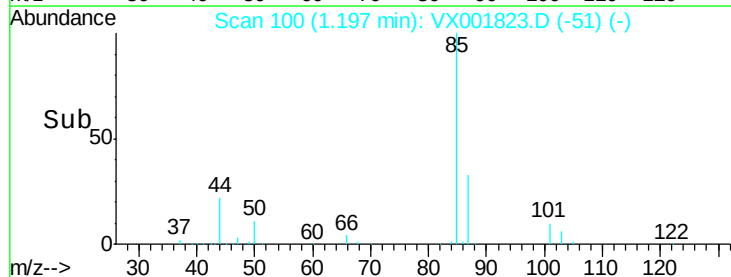
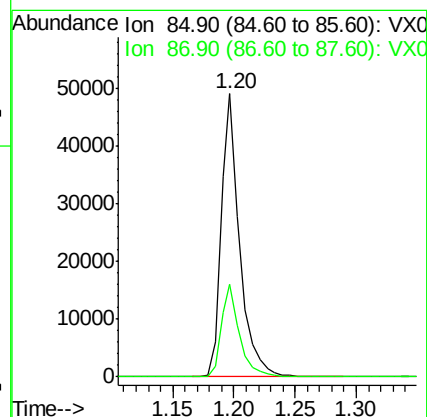
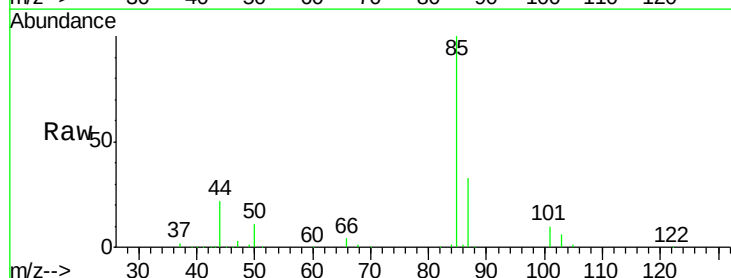
Instrument :
MSVOA_X
ClientSampleId :

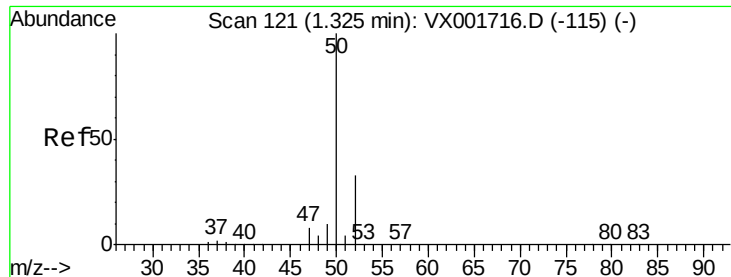
Tot Ion:168 Resp: 324729
Ion Ratio Lower Upper
168 100
99 45.1 35.0 52.4



#2
Dichlorodifluoromethane
Concen: 15.82 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 85 Resp: 51558
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3

Chloromethane

Concen: 16.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

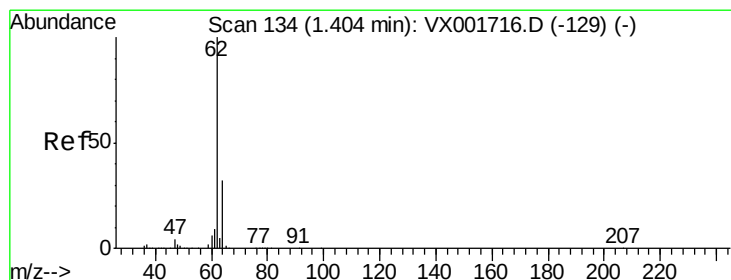
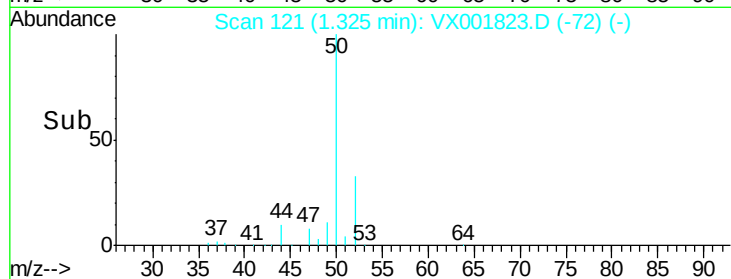
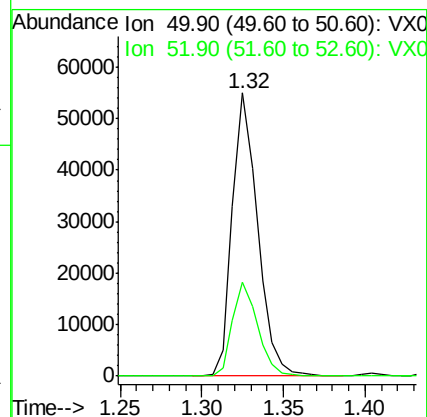
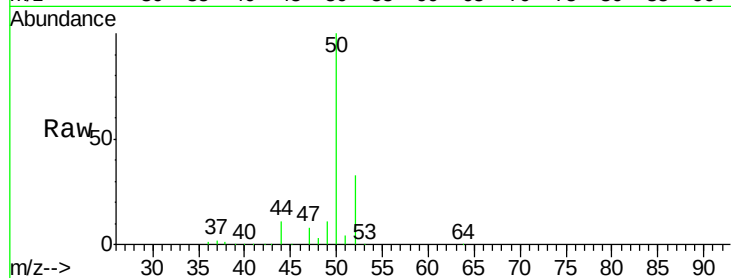
ClientSampled :

Tot Ion: 50 Resp: 59665

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 16.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001823.D

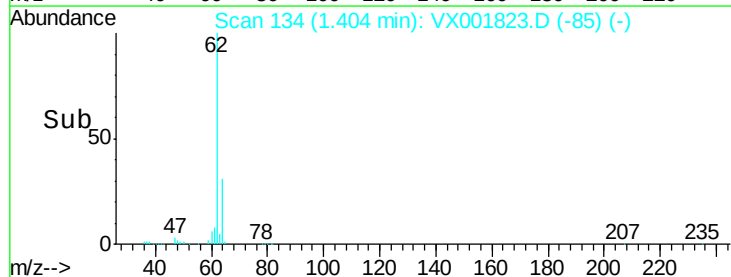
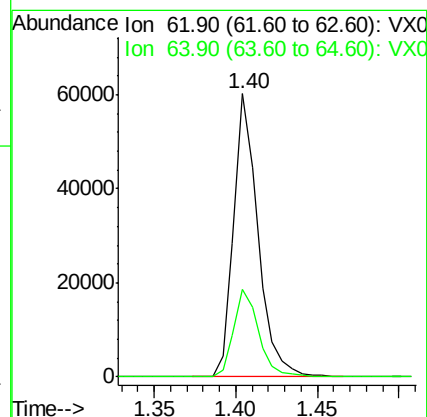
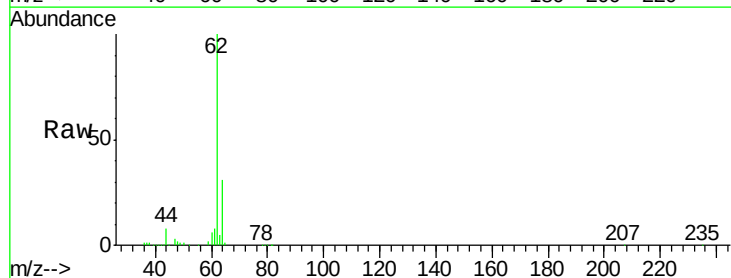
Acq: 18 May 2018 14:00

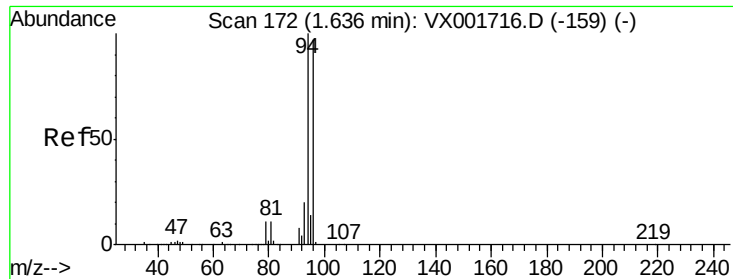
Tgt Ion: 62 Resp: 62559

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 20.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

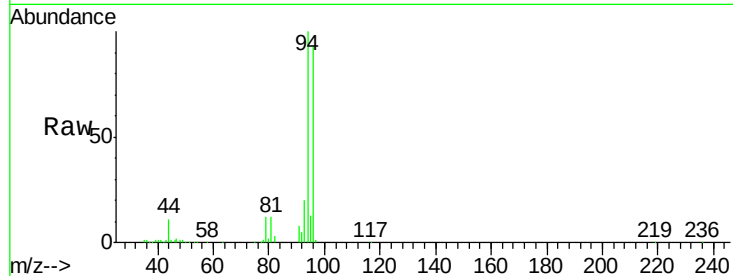
ClientSampleId :

Tot Ion: 94 Resp: 35367

Ion Ratio Lower Upper

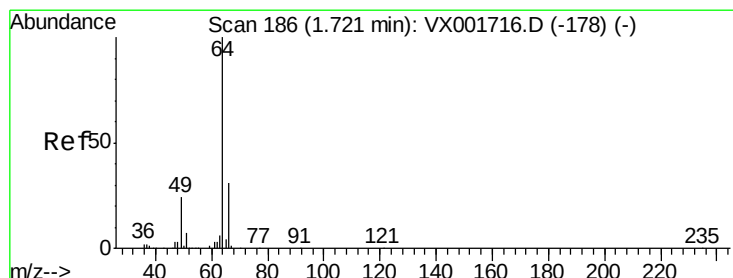
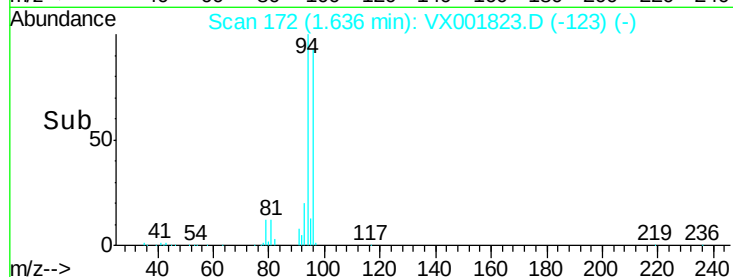
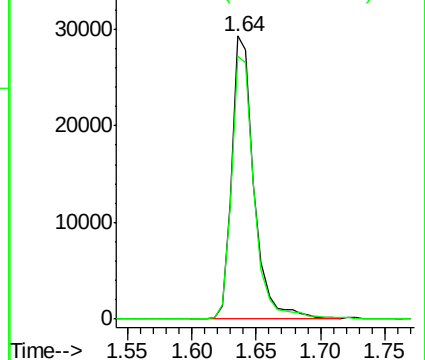
94 100

96 92.9 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001823.D

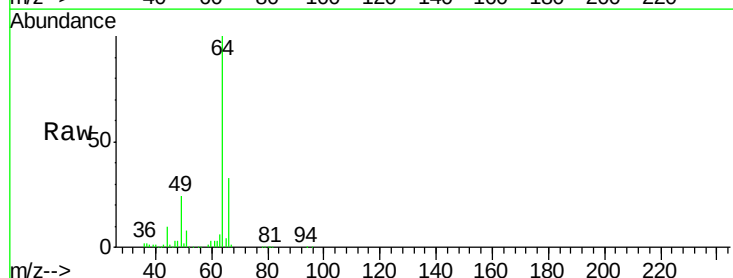
Acq: 18 May 2018 14:00

Tgt Ion: 64 Resp: 40283

Ion Ratio Lower Upper

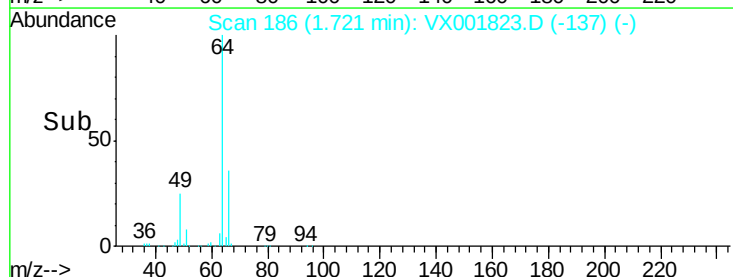
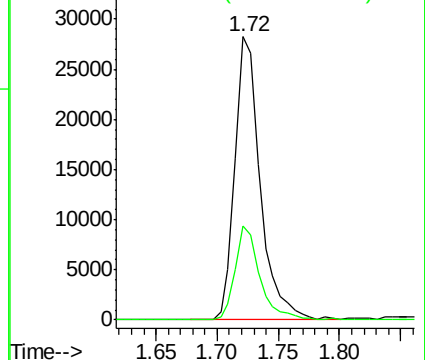
64 100

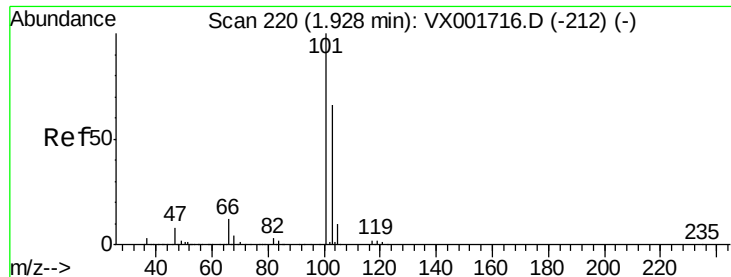
66 33.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



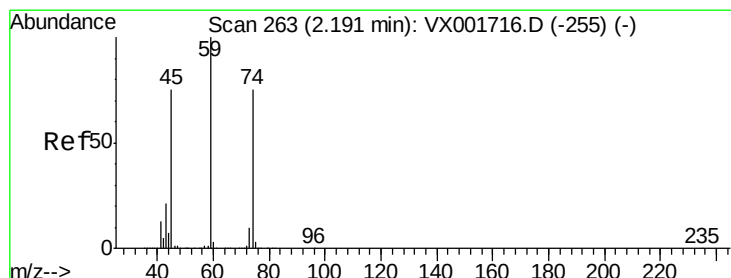
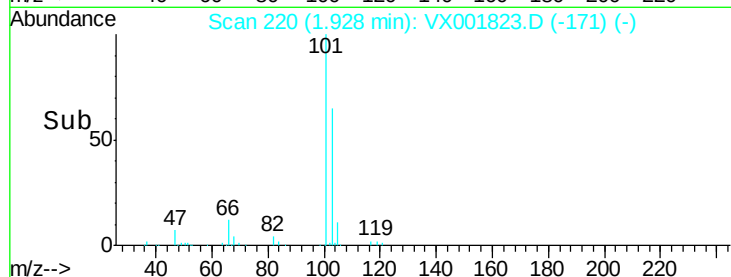
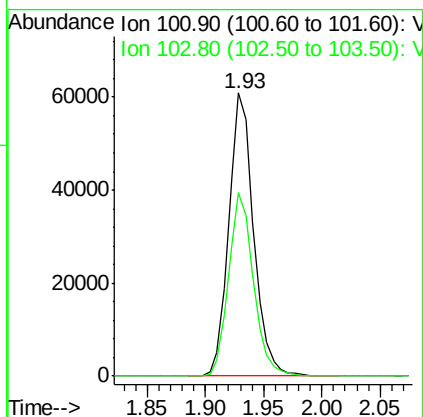
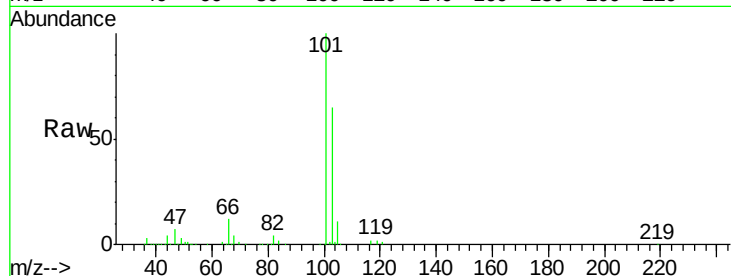


#7

Trichlorofluoromethane
Concen: 16.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

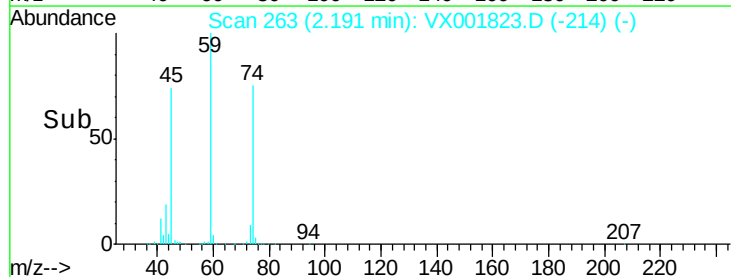
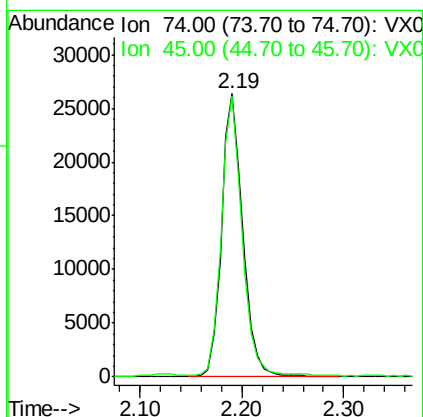
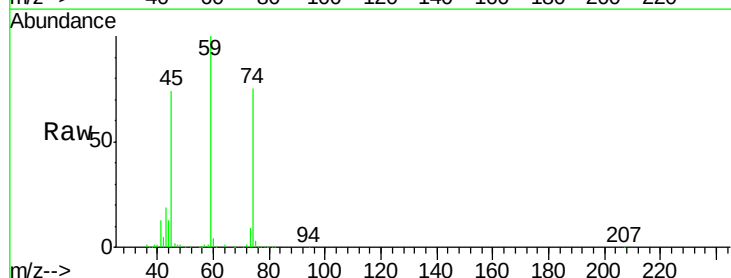
Tot Ion:101 Resp: 90432
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

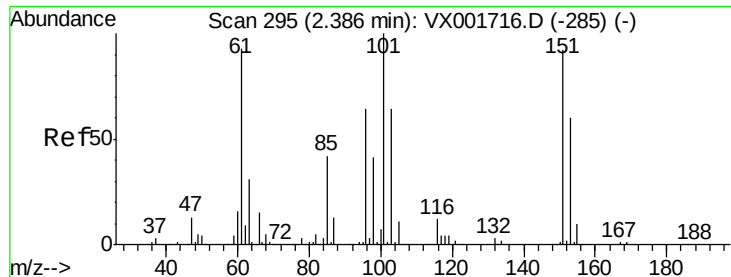


#8

Diethyl Ether
Concen: 16.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 74 Resp: 37985
Ion Ratio Lower Upper
74 100
45 97.9 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

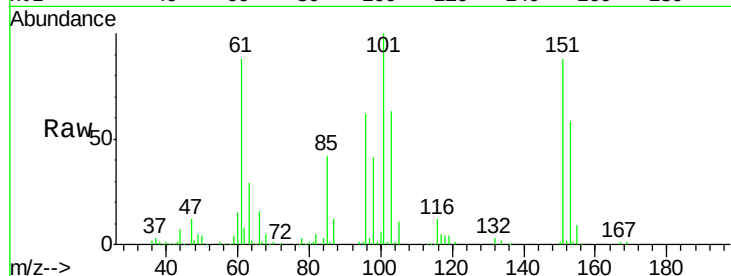
Tot Ion:101 Resp: 57550

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

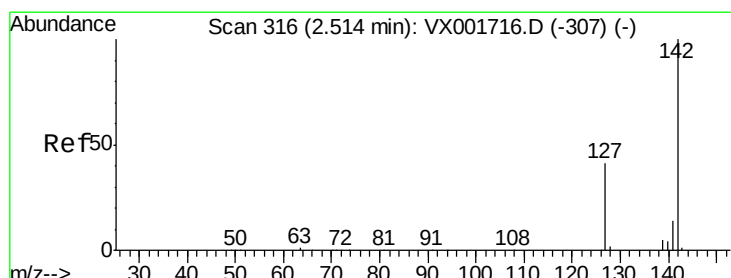
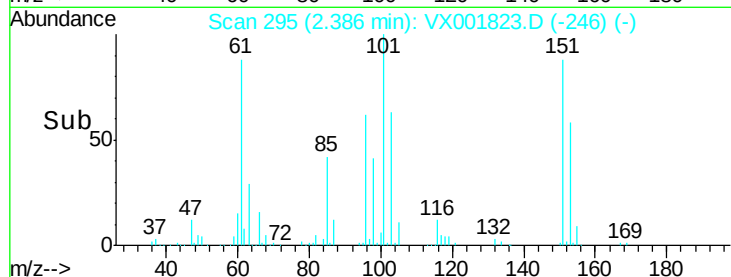
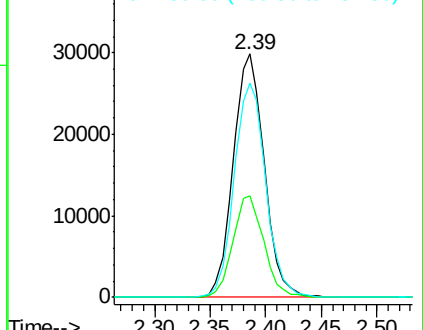
151 89.5 73.0 109.6



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: 20.72 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

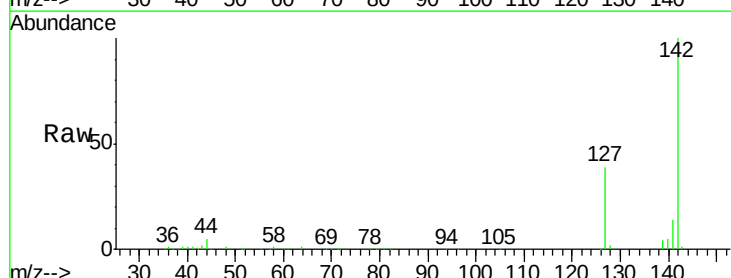
Tgt Ion:142 Resp: 63459

Ion Ratio Lower Upper

142 100

127 39.9 32.5 48.7

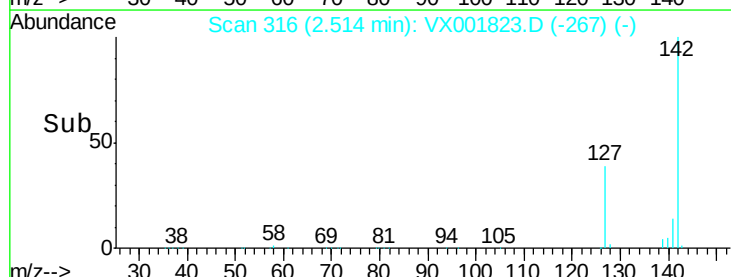
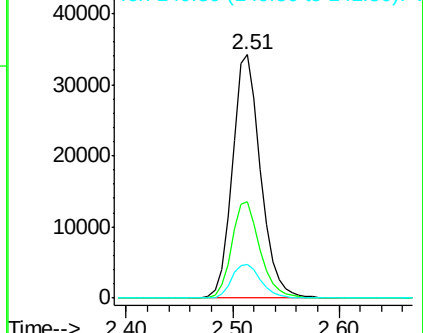
141 14.3 11.4 17.0

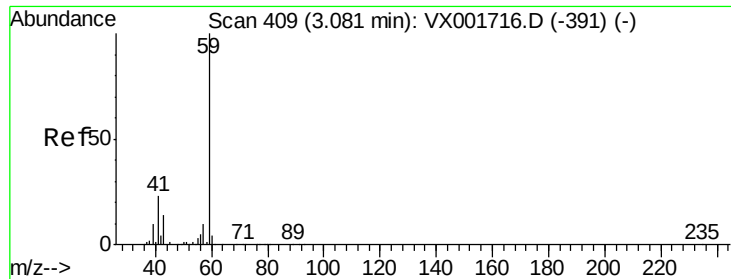


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

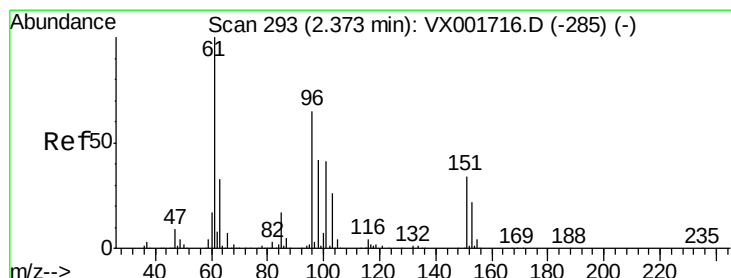
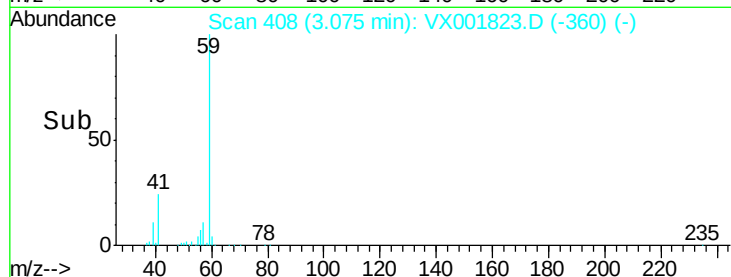
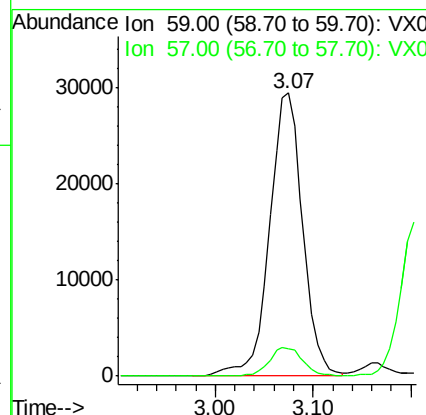
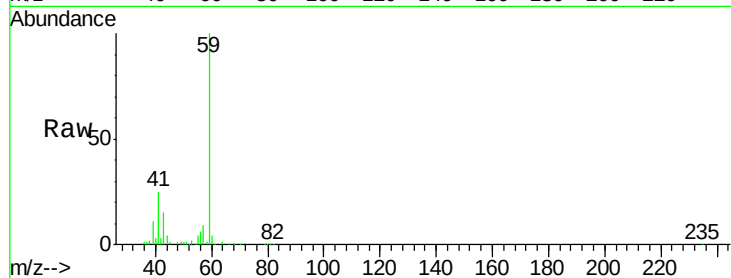




#11
Tert butyl alcohol
Concen: 89.93 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

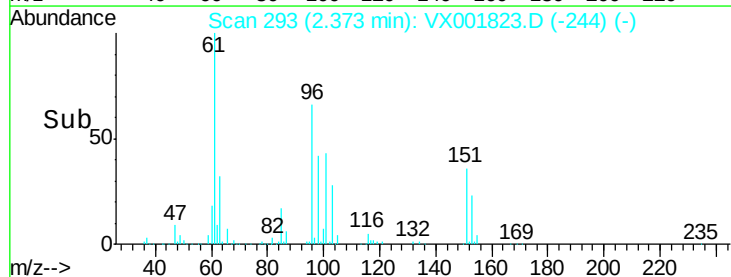
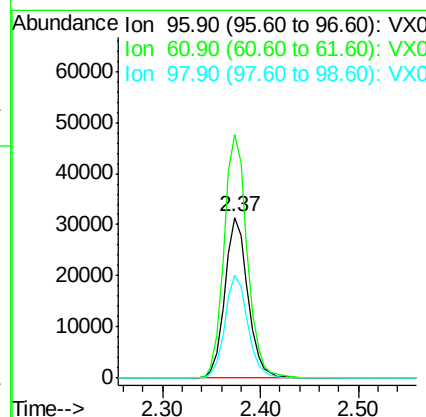
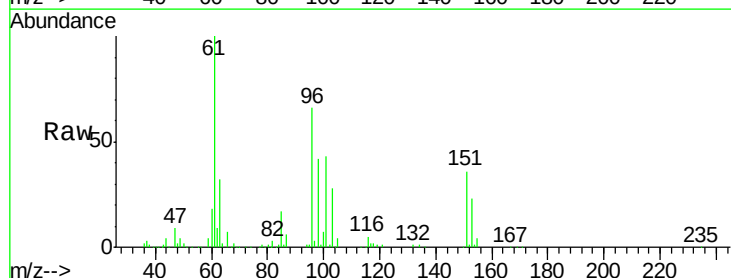
Instrument :
MSVOA_X
ClientSampleId :

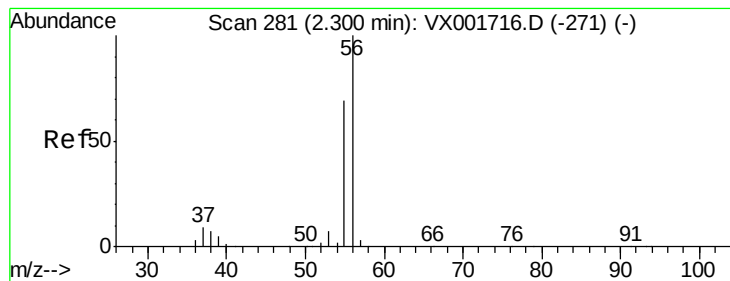
Tot Ion: 59 Resp: 69495
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.02 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 96 Resp: 51424
Ion Ratio Lower Upper
96 100
61 151.6 122.2 183.2
98 64.3 51.4 77.0





#13

Acrolein

Concen: 76.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

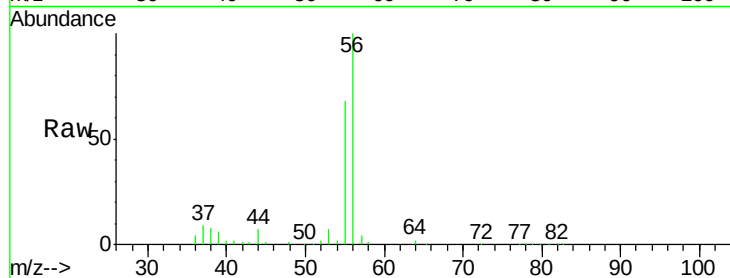
ClientSampleId :

Tot Ion: 56 Resp: 41886

Ion Ratio Lower Upper

56 100

55 68.3 56.2 84.2

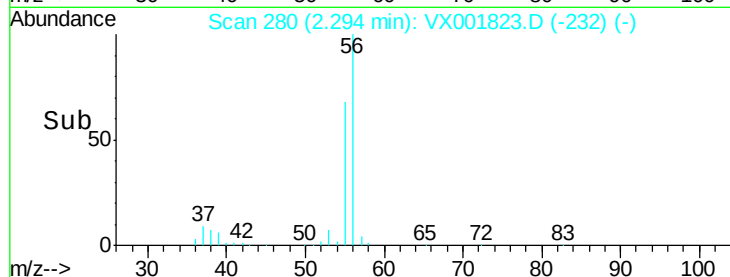


Abundance Ion 56.00 (55.70 to 56.70): VX001823.D (-232) (-)

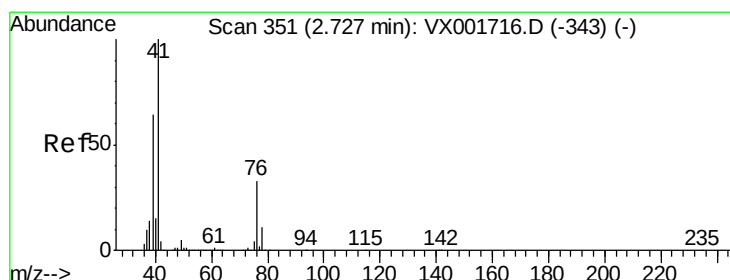
Ion 55.00 (54.70 to 55.70): VX001823.D (-232) (-)

2.29

Time-->



Time-->



#14

Allyl chloride

Concen: 16.61 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

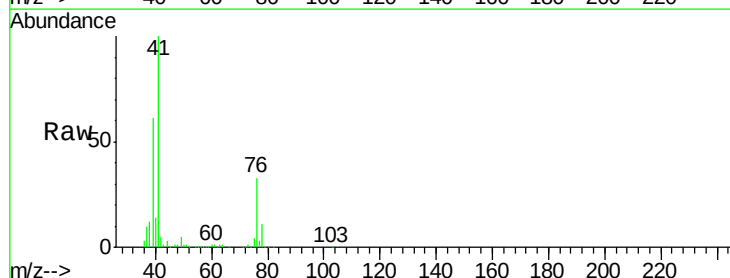
Tgt Ion: 41 Resp: 98527

Ion Ratio Lower Upper

41 100

39 59.1 49.8 74.6

76 31.7 25.8 38.8



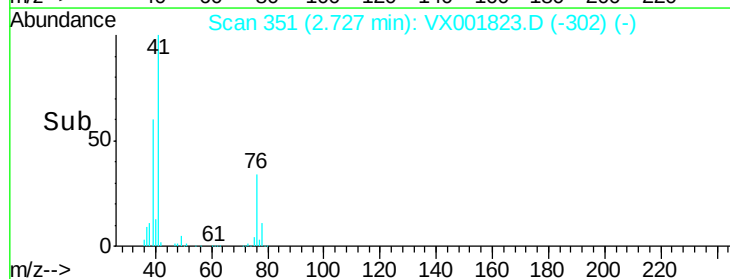
Abundance Ion 41.00 (40.70 to 41.70): VX001823.D (-302) (-)

Ion 39.00 (38.70 to 39.70): VX001823.D (-302) (-)

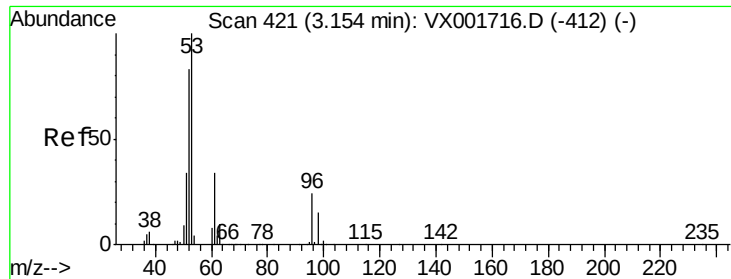
Ion 75.90 (75.60 to 76.60): VX001823.D (-302) (-)

2.73

Time-->



Time-->



#15

Acrylonitrile

Concen: 84.71 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

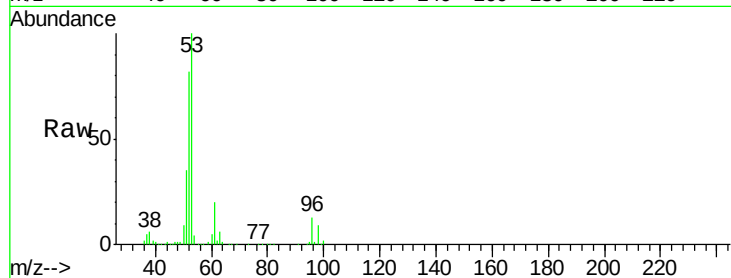
Tot Ion: 53 Resp: 164411

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

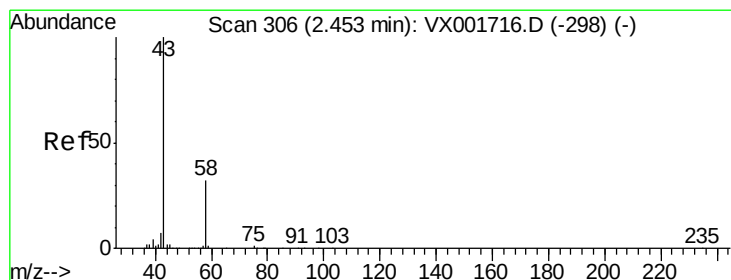
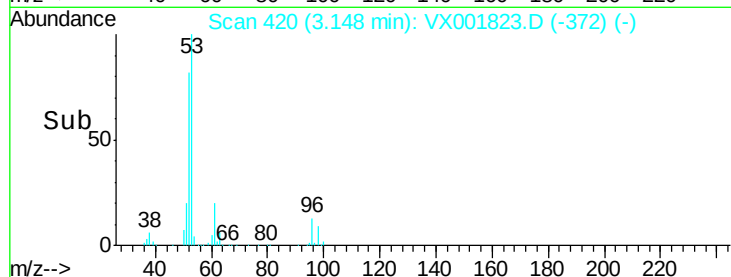
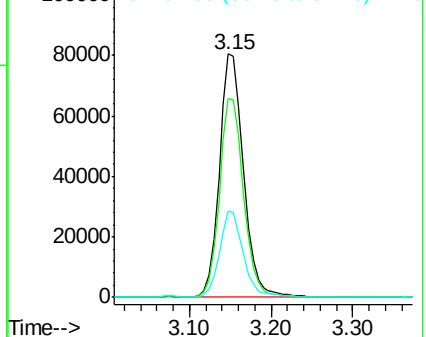
51 35.1 28.1 42.1



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: 91.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001823.D

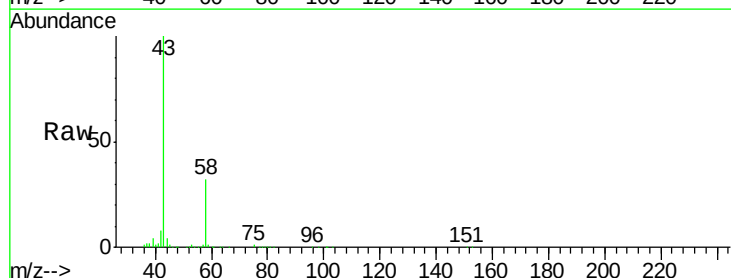
Acq: 18 May 2018 14:00

Tgt Ion: 43 Resp: 155986

Ion Ratio Lower Upper

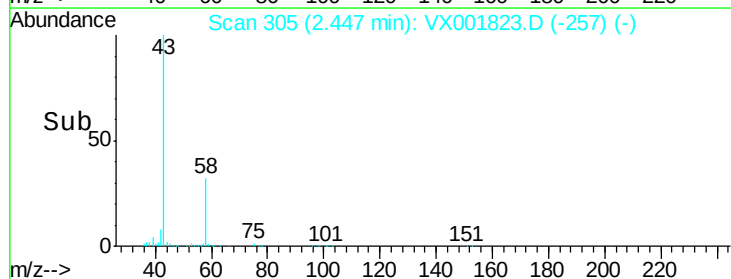
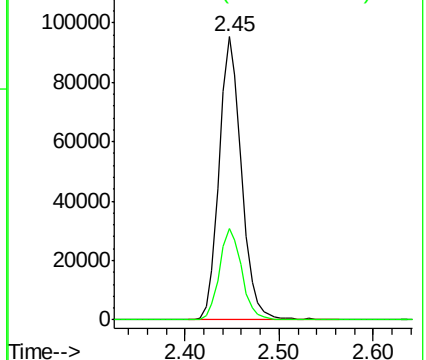
43 100

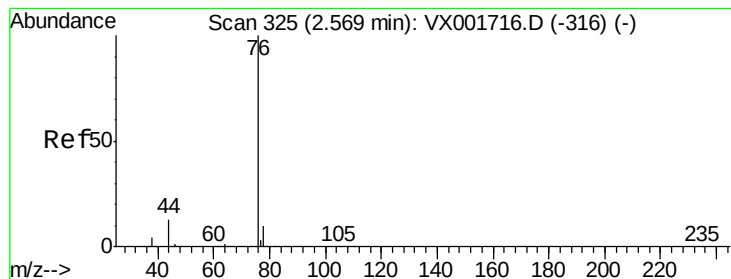
58 32.4 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.10 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

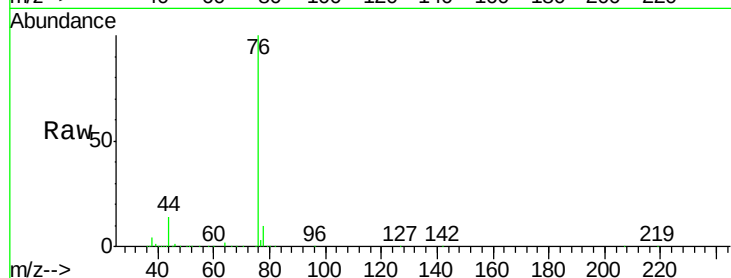
ClientSampleId :

Tot Ion: 76 Resp: 118062

Ion Ratio Lower Upper

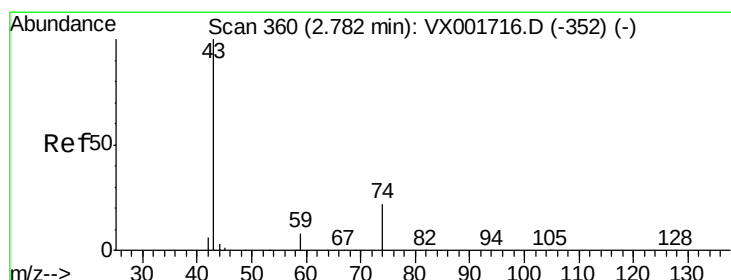
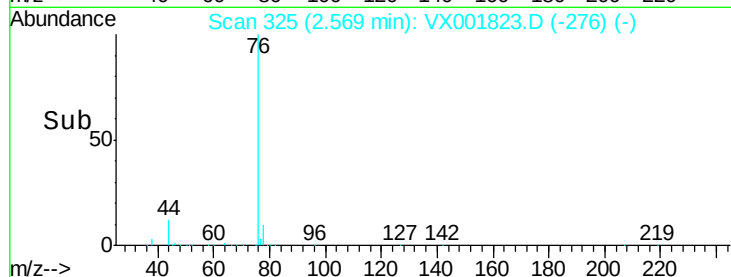
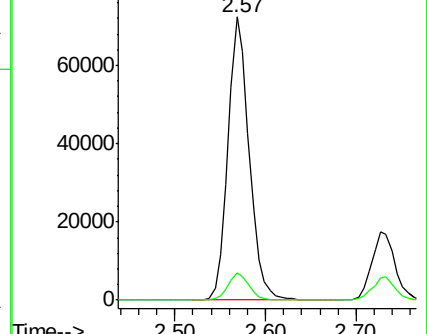
76 100

78 9.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.06 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001823.D

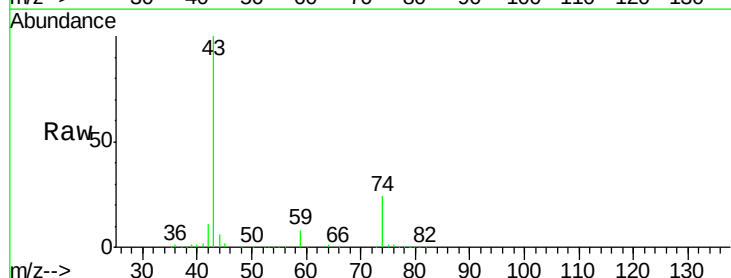
Acq: 18 May 2018 14:00

Tgt Ion: 43 Resp: 90253

Ion Ratio Lower Upper

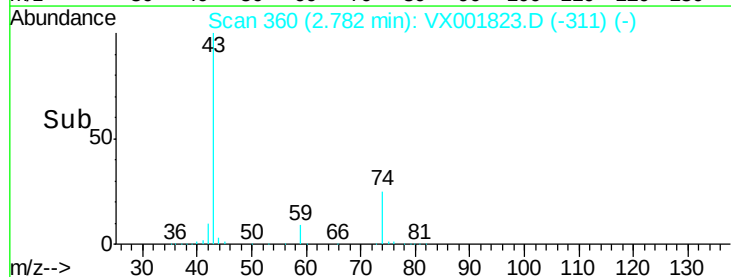
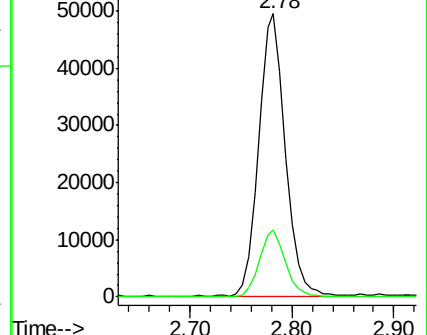
43 100

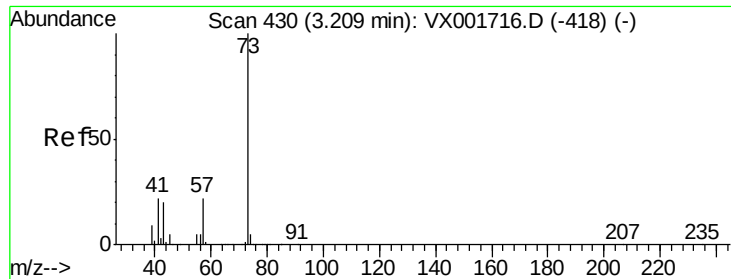
74 22.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

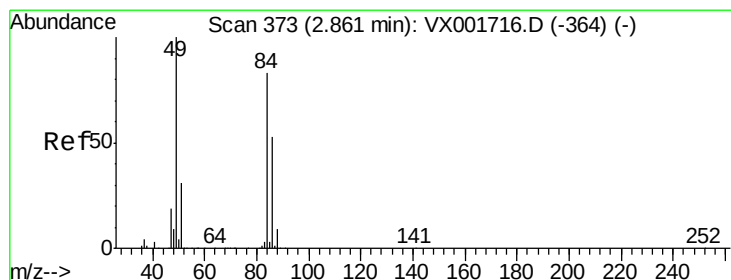
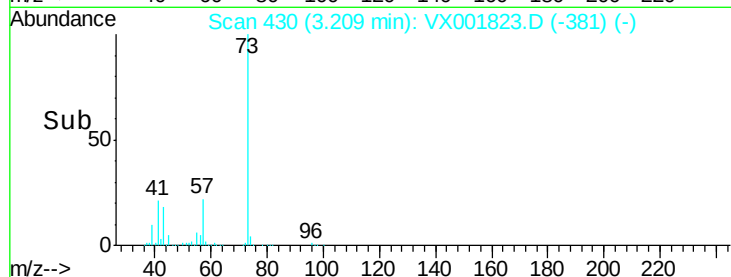
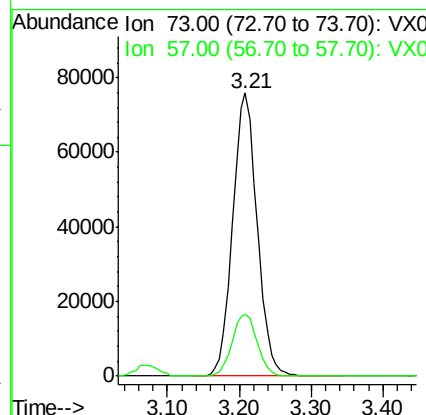
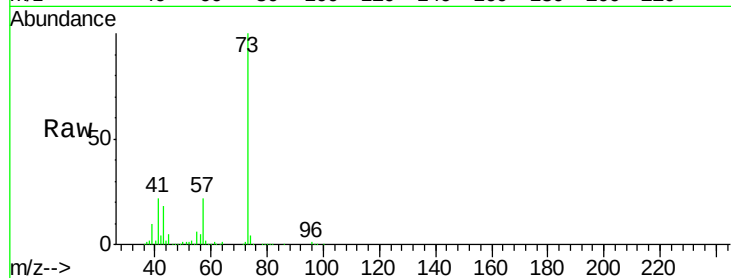




#19
Methyl tert-butyl Ether
Concen: 16.55 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

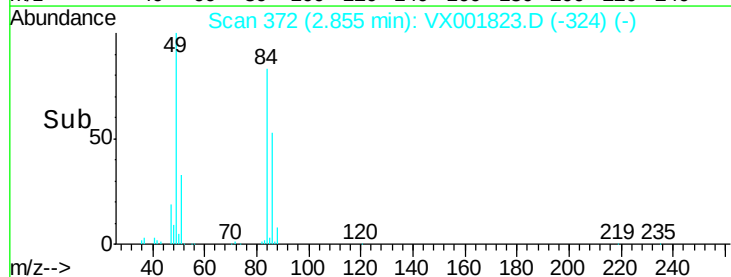
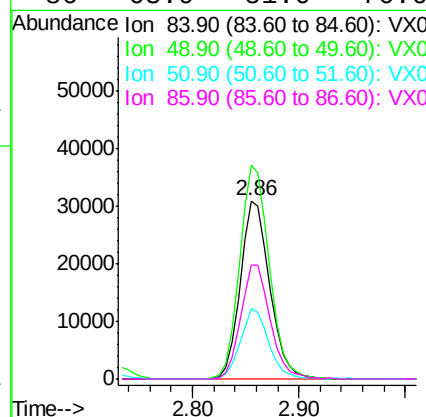
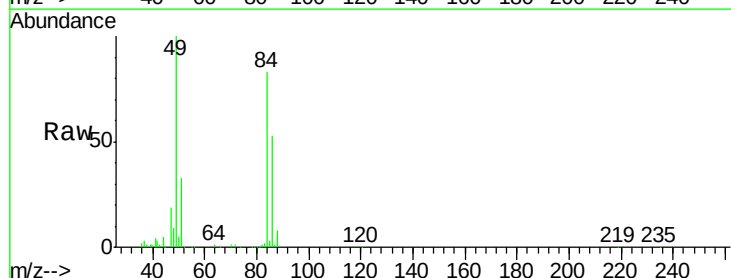
Instrument :
MSVOA_X
ClientSampleId :

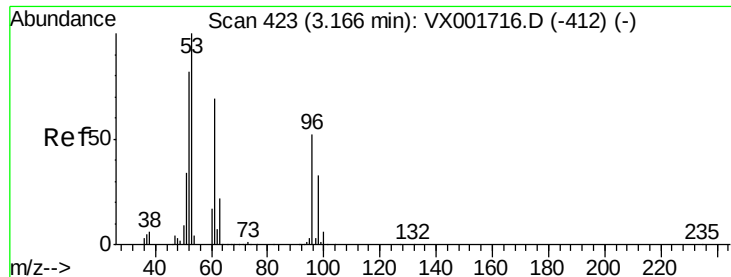
Tot Ion: 73 Resp: 178997
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 16.43 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 84 Resp: 60112
Ion Ratio Lower Upper
84 100
49 119.8 96.3 144.5
51 39.6 29.8 44.6
86 63.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 15.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

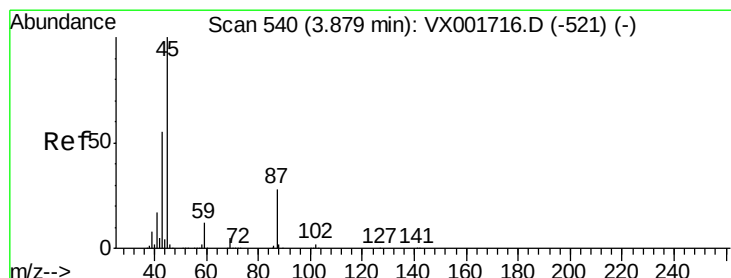
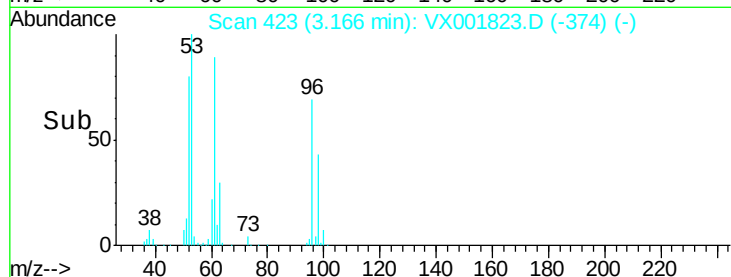
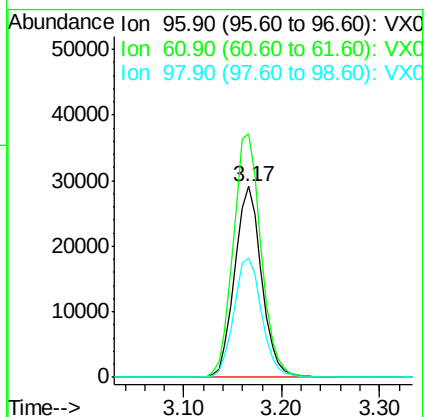
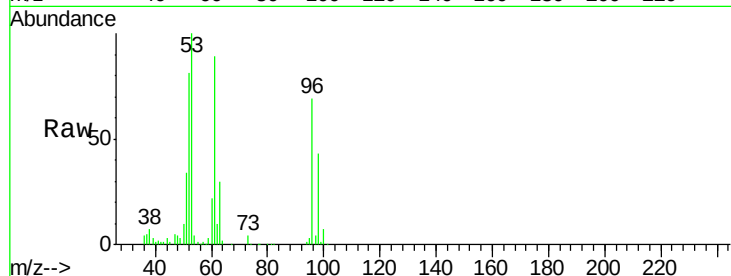
Tot Ion: 96 Resp: 55750

Ion Ratio Lower Upper

96 100

61 127.6 105.8 158.8

98 62.5 50.2 75.4



#22

Diisopropyl ether

Concen: 16.62 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion: 45 Resp: 189116

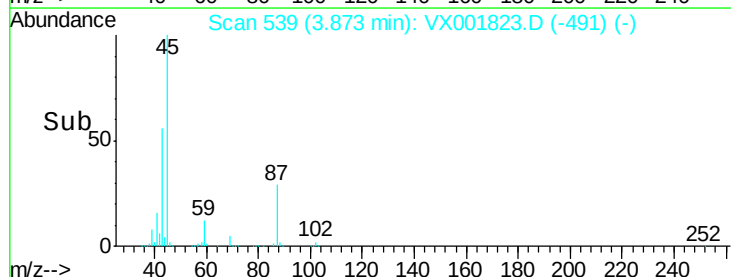
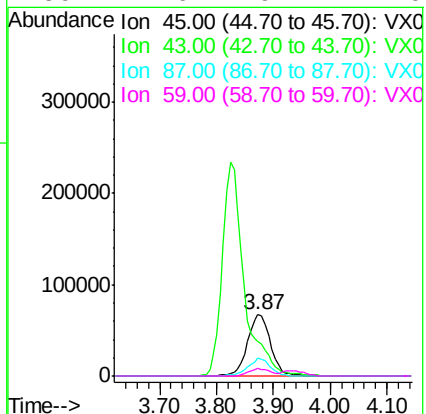
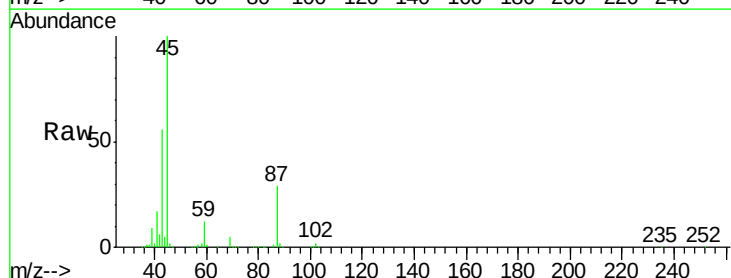
Ion Ratio Lower Upper

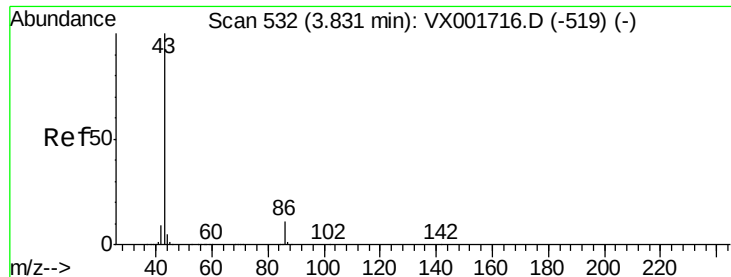
45 100

43 55.7 44.3 66.5

87 29.4 22.6 33.8

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 76.59 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

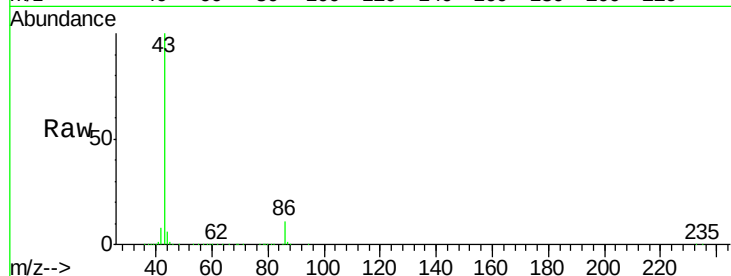
ClientSampleId :

Tot Ion: 43 Resp: 628024

Ion Ratio Lower Upper

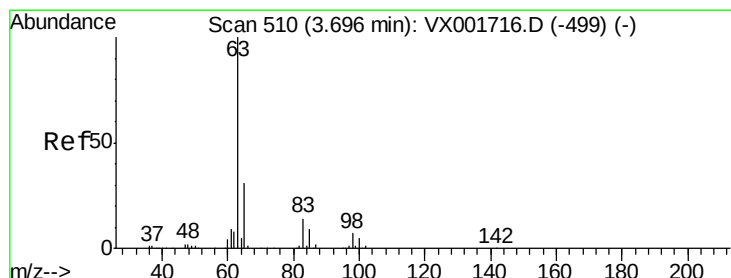
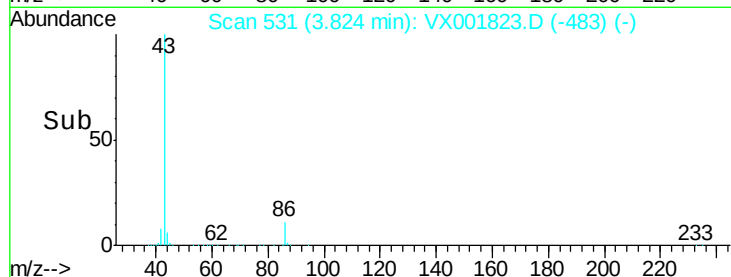
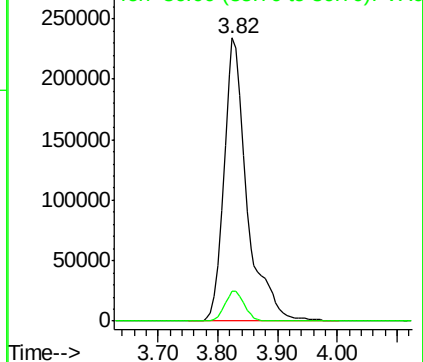
43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

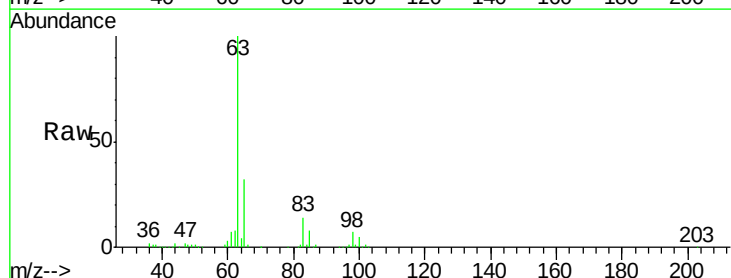
Tgt Ion: 63 Resp: 105017

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

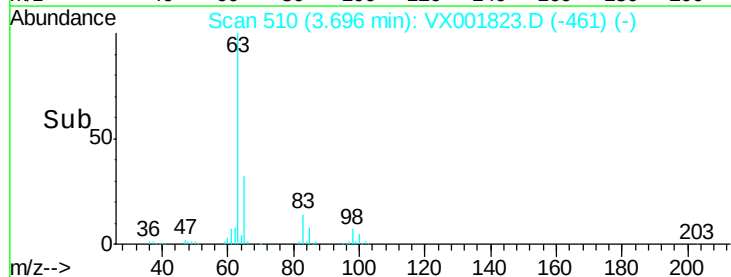
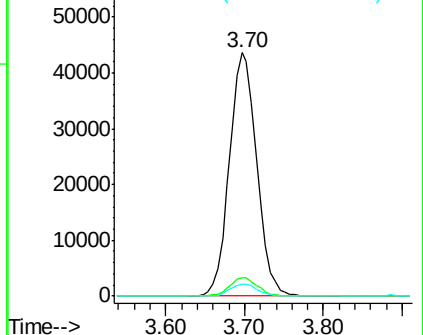
100 4.7 2.4 7.2

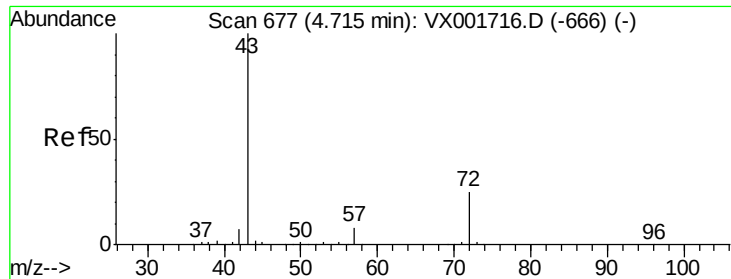


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.22 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

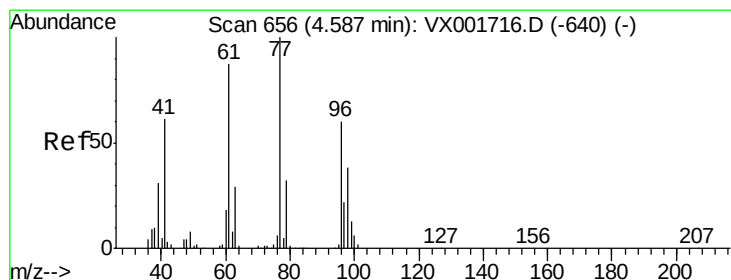
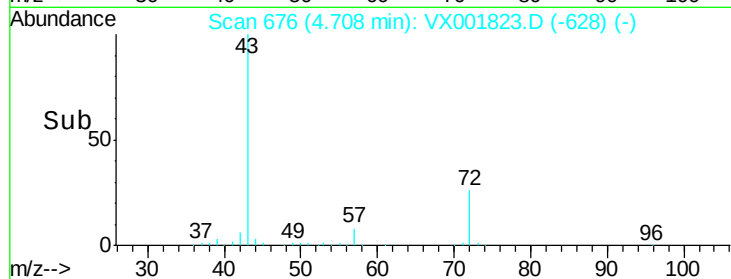
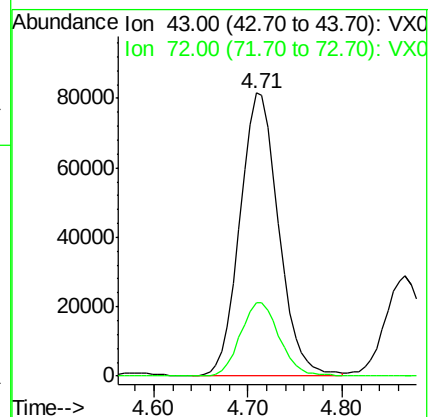
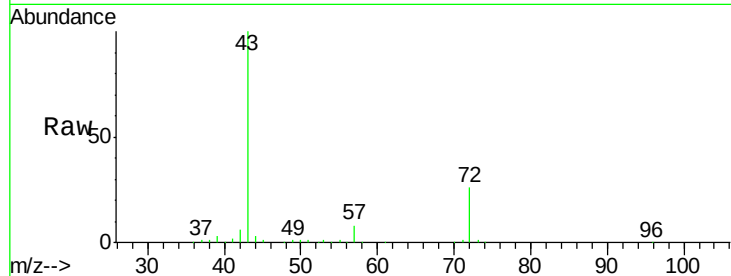
ClientSampleId :

Tot Ion: 43 Resp: 233511

Ion Ratio Lower Upper

43 100

72 26.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 16.51 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001823.D

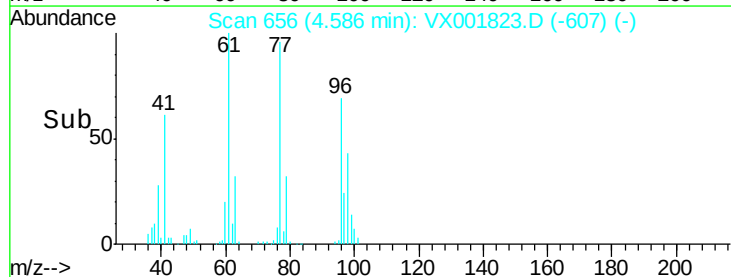
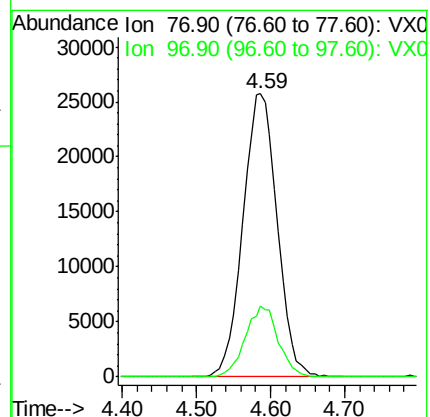
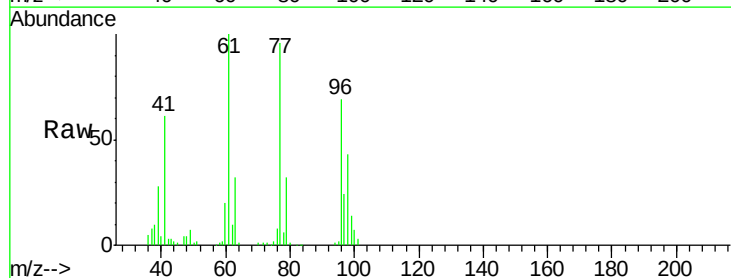
Acq: 18 May 2018 14:00

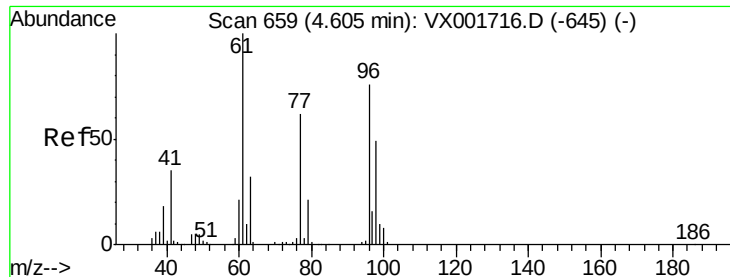
Tgt Ion: 77 Resp: 82967

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



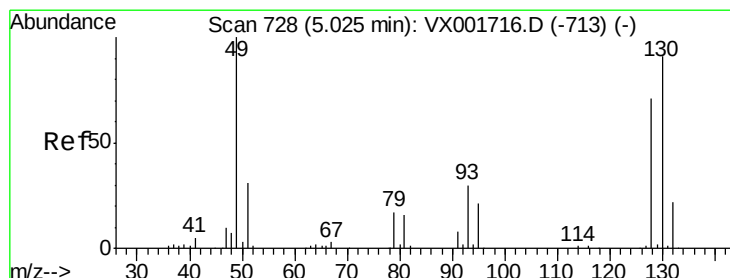
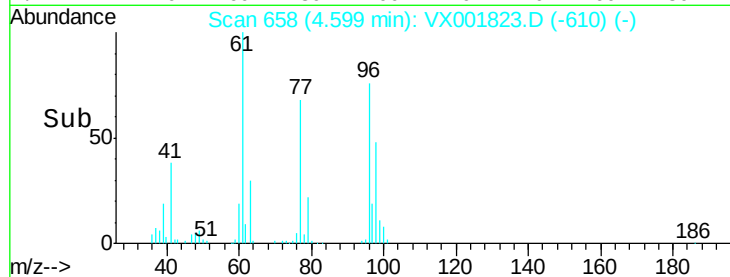
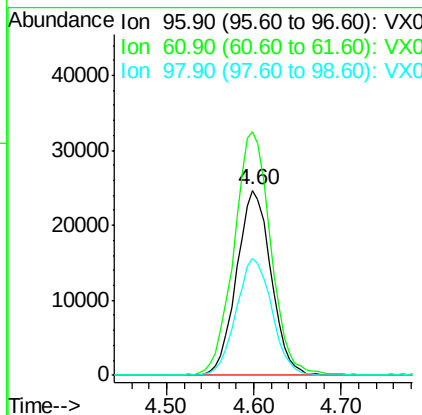
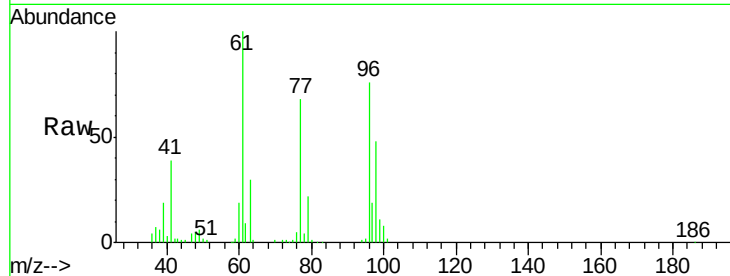


#27

cis-1,2-Dichloroethene
Concen: 16.84 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

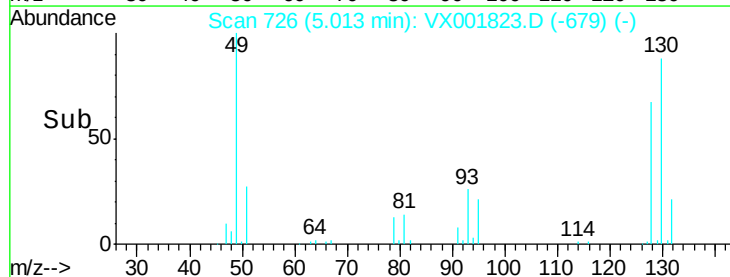
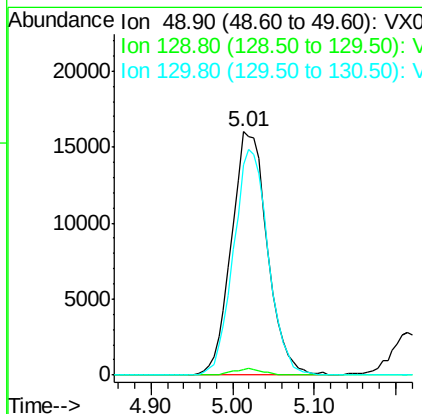
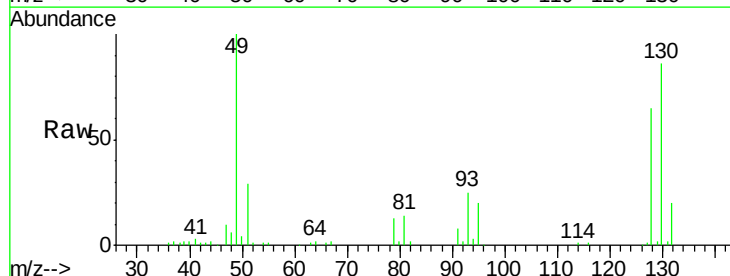
Tot Ion: 96 Resp: 67740
Ion Ratio Lower Upper
96 100
61 140.5 0.0 280.4
98 65.1 0.0 128.4

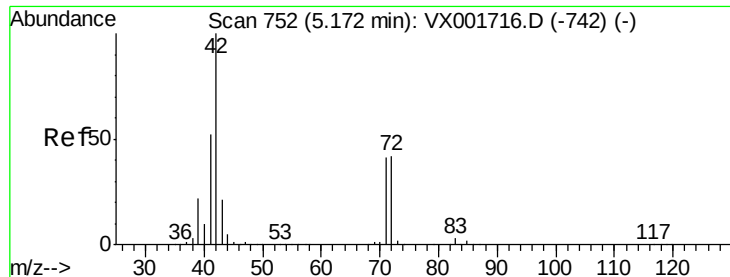


#28

Bromochloromethane
Concen: 17.61 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 49 Resp: 48813
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 89.8 71.8 107.6

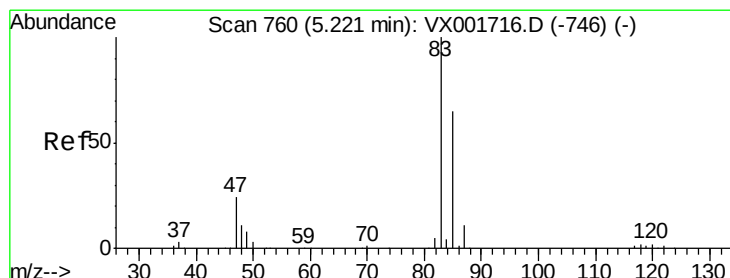
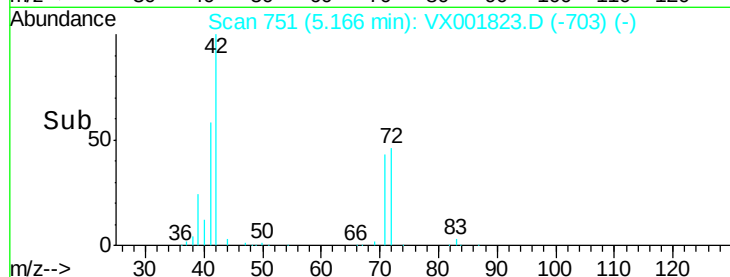
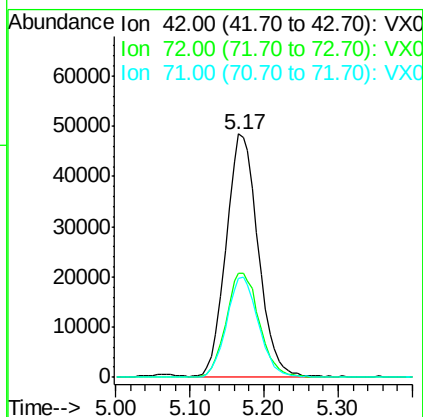
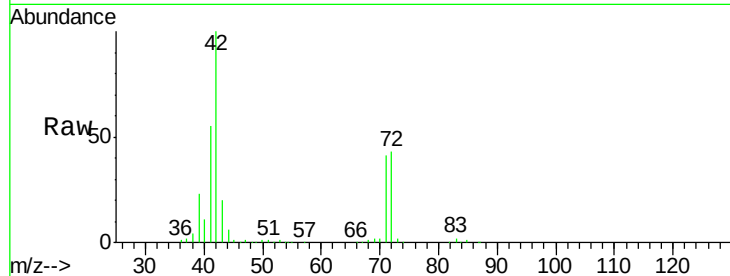




#29
Tetrahydrofuran
Concen: 85.27 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

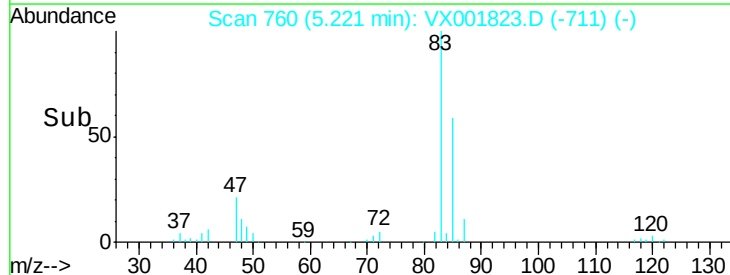
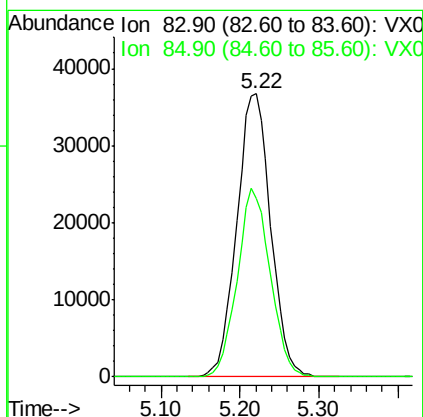
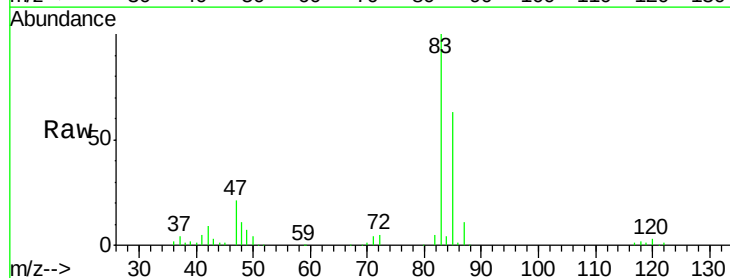
Instrument :
MSVOA_X
ClientSampled :

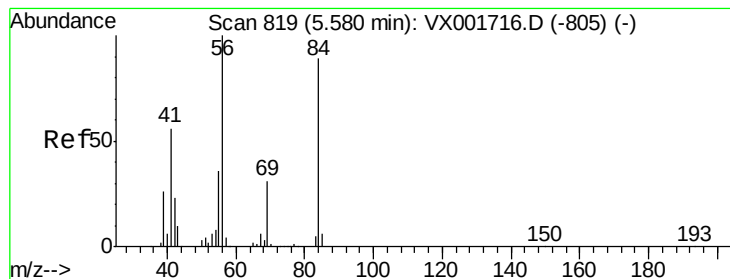
Tot Ion: 42 Resp: 145474
Ion Ratio Lower Upper
42 100
72 44.5 35.4 53.2
71 41.4 33.2 49.8



#30
Chloroform
Concen: 16.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 83 Resp: 109683
Ion Ratio Lower Upper
83 100
85 63.2 52.3 78.5





#31

Cyclohexane

Concen: 17.17 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

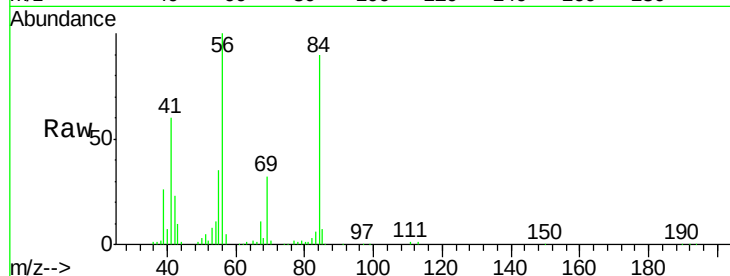
Tot Ion: 56 Resp: 93961

Ion Ratio Lower Upper

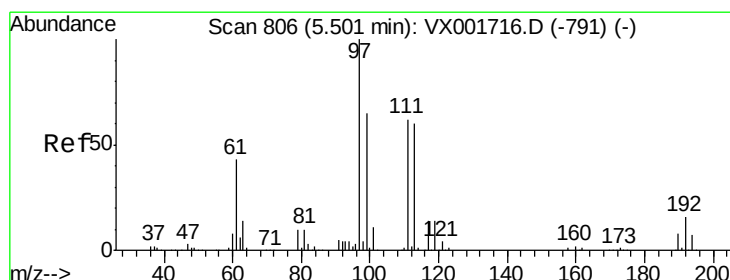
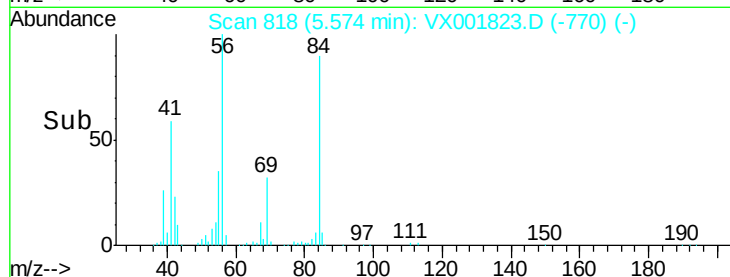
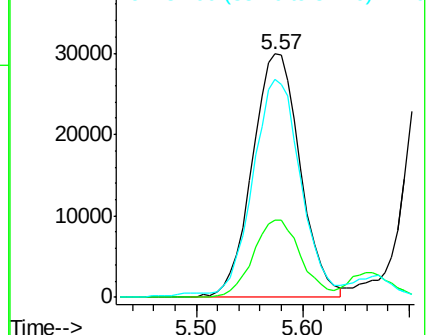
56 100

69 31.9 25.0 37.6

84 88.0 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 16.61 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

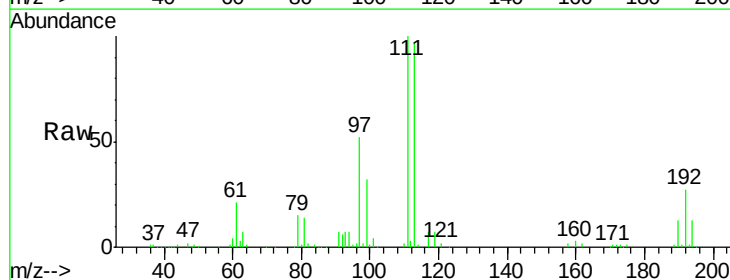
Tgt Ion: 97 Resp: 94110

Ion Ratio Lower Upper

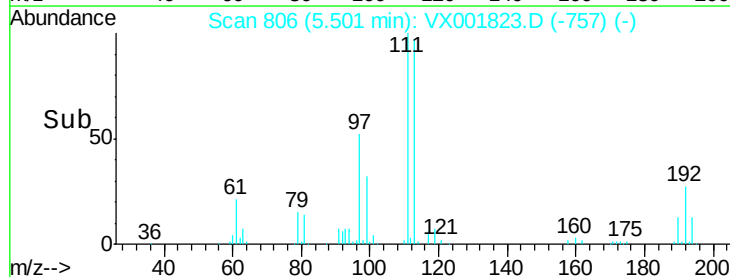
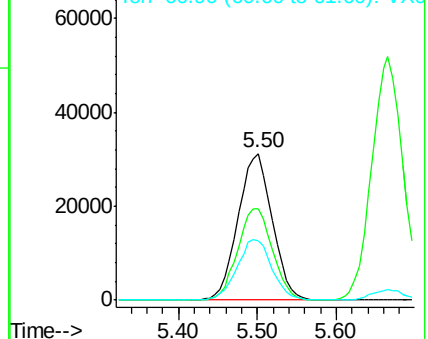
97 100

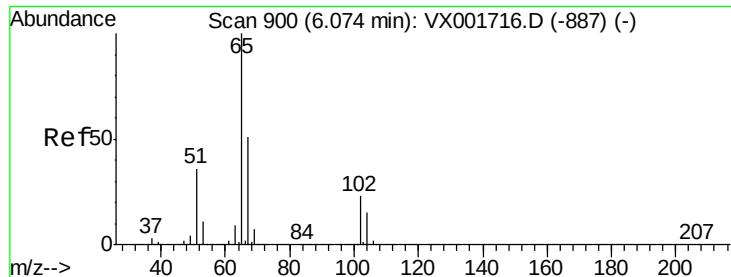
99 63.7 51.3 76.9

61 42.0 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

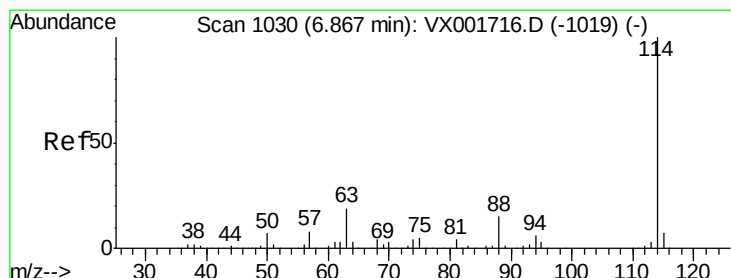
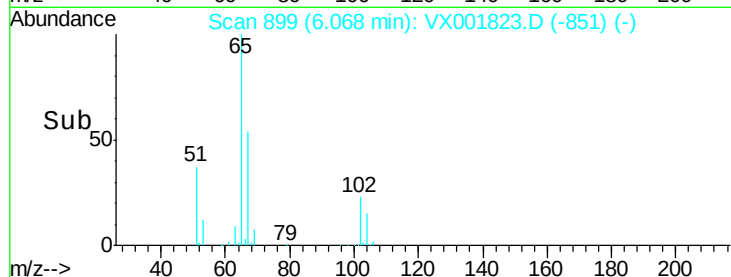
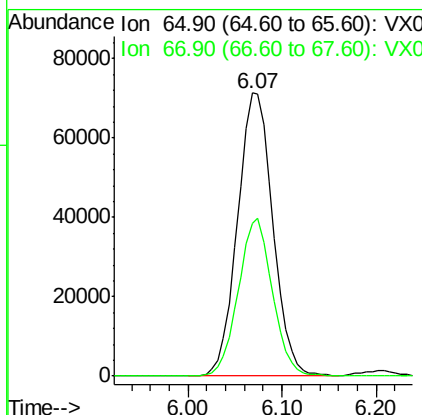
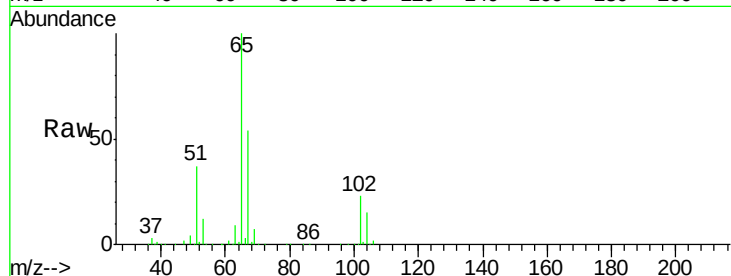




#33
 1,2-Dichloroethane-d4
 Concen: 43.06 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

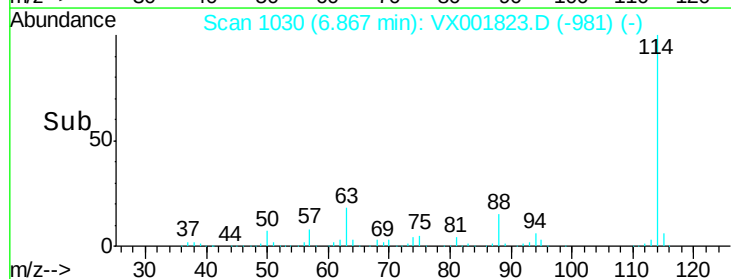
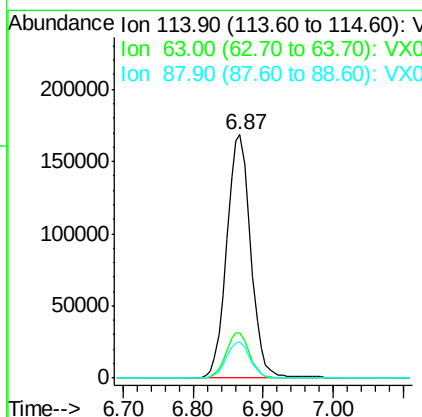
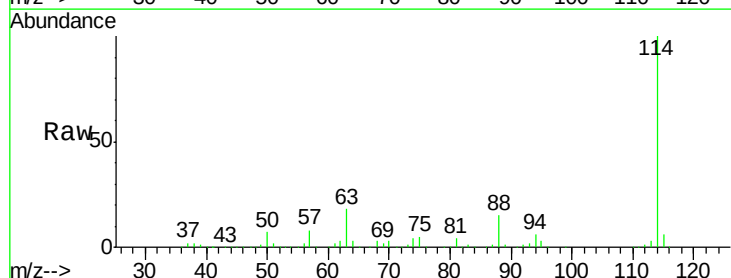
Instrument :
 MSVOA_X
 ClientSampleId :

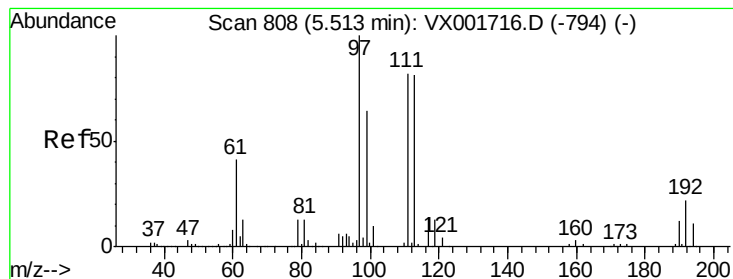
Tot Ion: 65 Resp: 187416
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 114 Resp: 402717
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

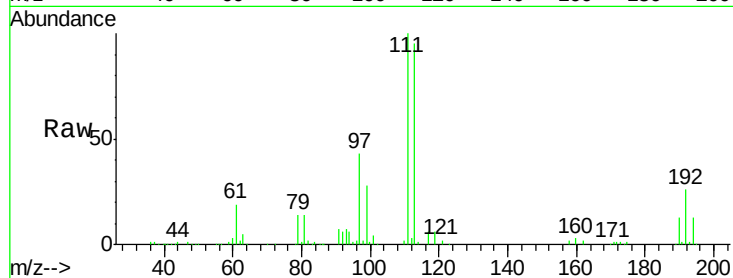
Tot Ion:113 Resp: 168683

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

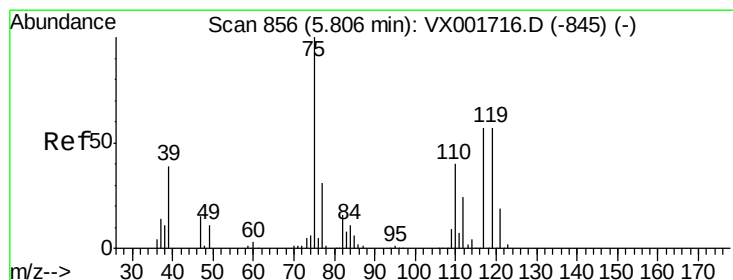
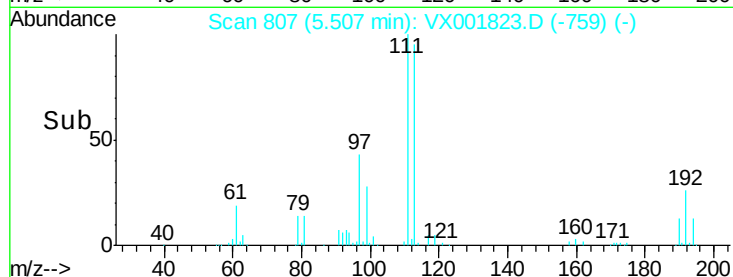
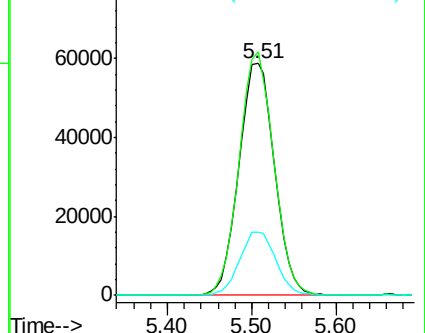
192 27.5 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.97 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

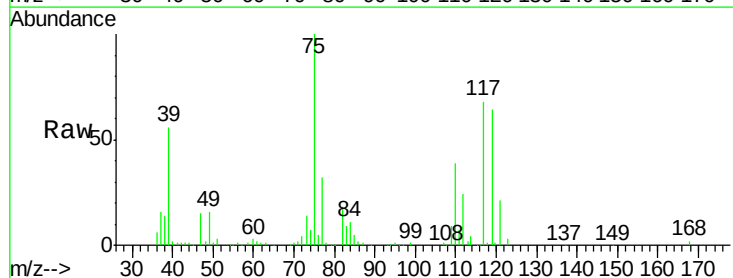
Tgt Ion: 75 Resp: 78671

Ion Ratio Lower Upper

75 100

110 39.0 19.1 57.1

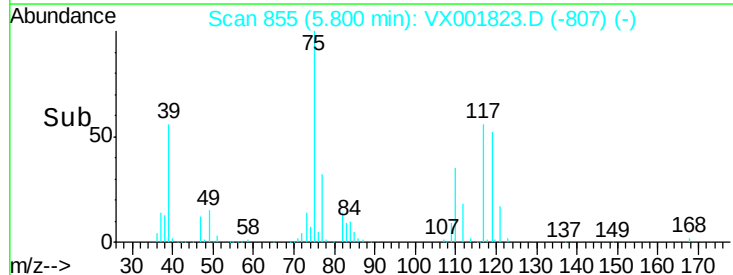
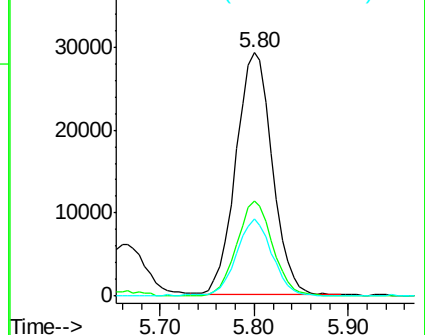
77 30.7 24.6 37.0

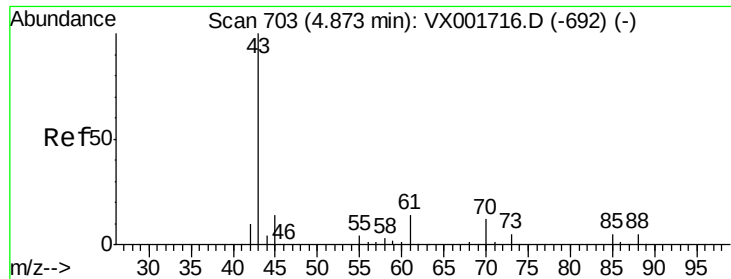


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

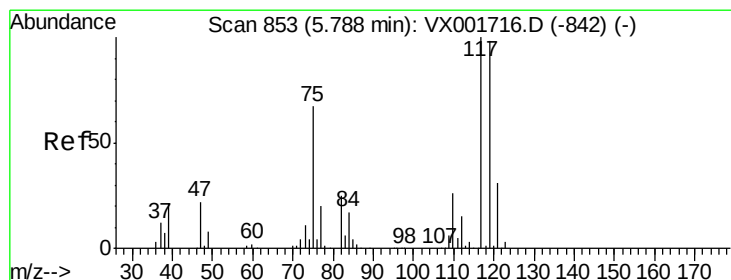
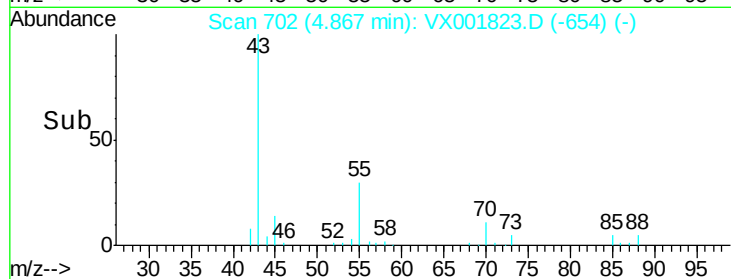
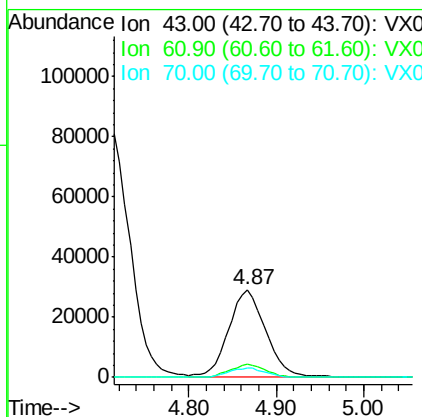
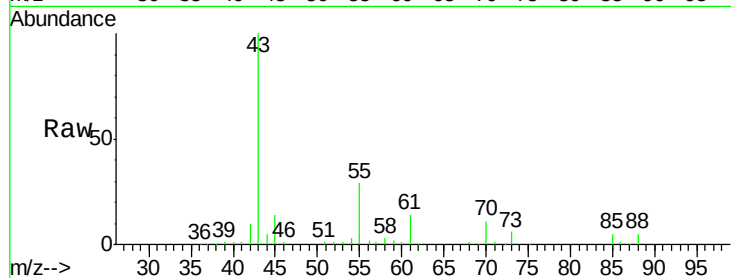




#37
Ethyl Acetate
Concen: 17.44 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

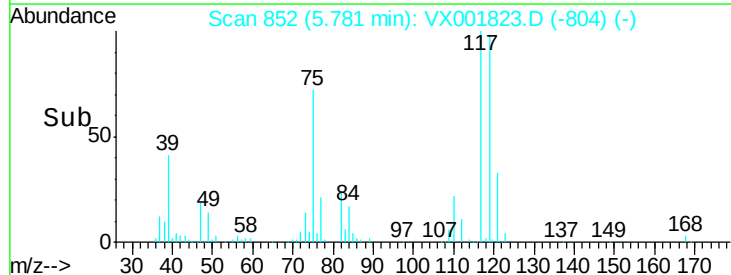
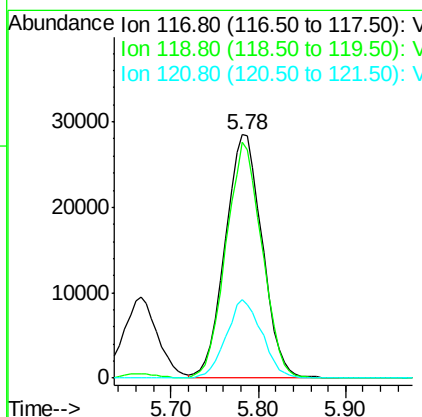
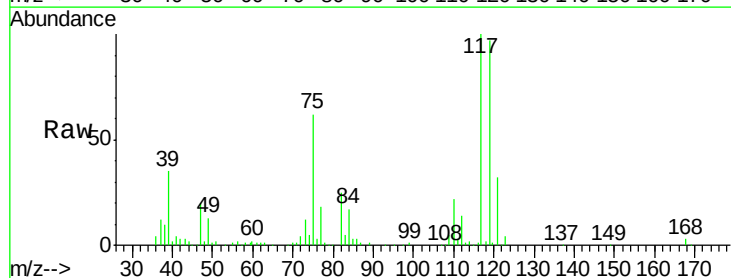
Instrument :
MSVOA_X
ClientSampled :

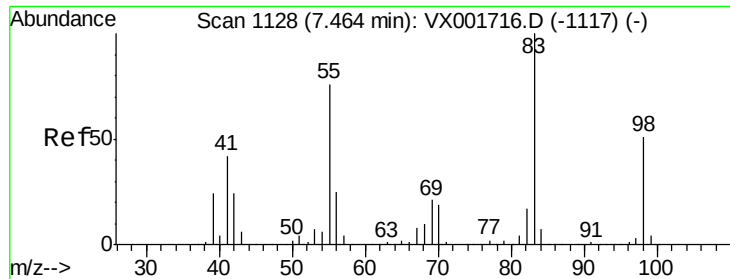
Tot Ion: 43 Resp: 84236
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.25 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 117 Resp: 83785
Ion Ratio Lower Upper
117 100
119 97.1 77.6 116.4
121 32.3 24.6 36.8

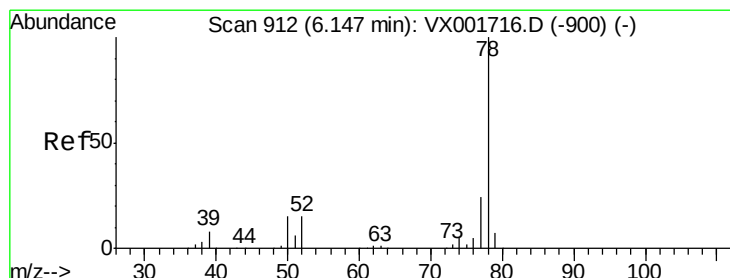
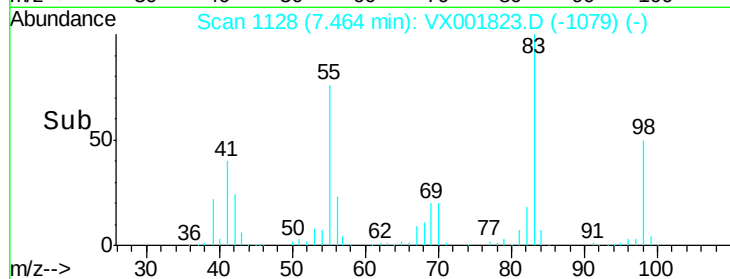
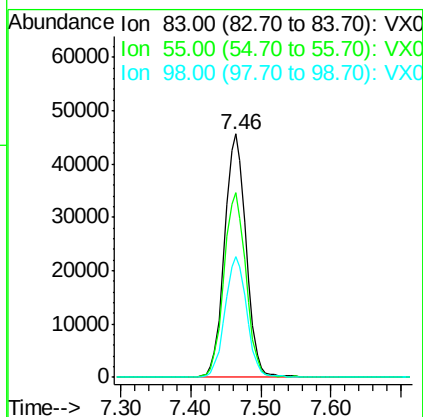
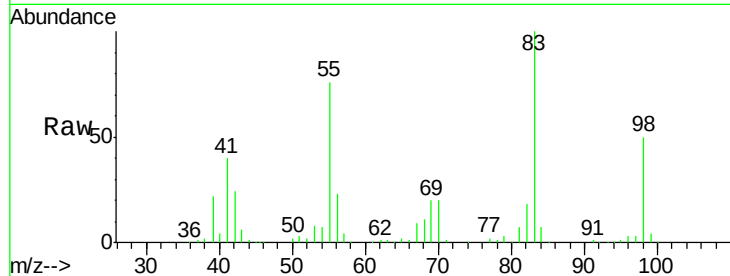




#39
Methylvlcyclohexane
Concen: 18.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

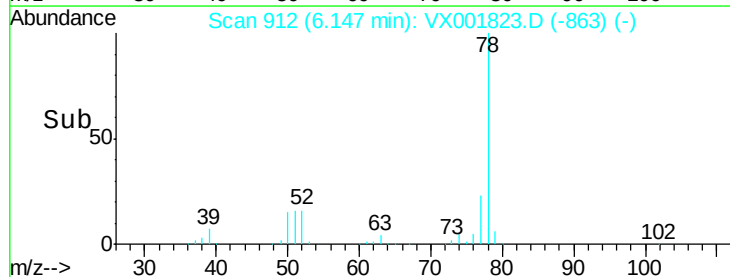
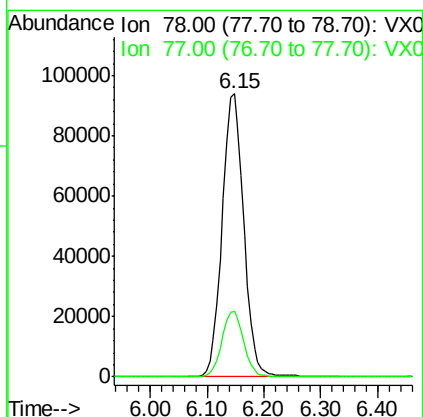
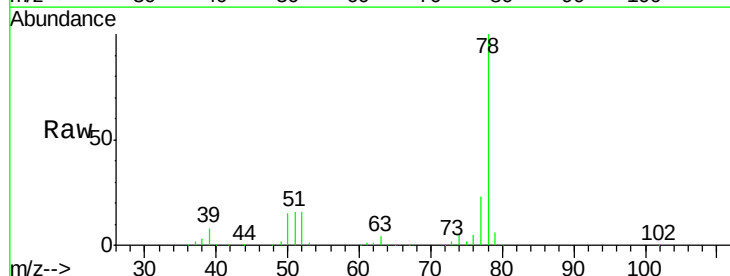
Instrument :
MSVOA_X
ClientSampleId :

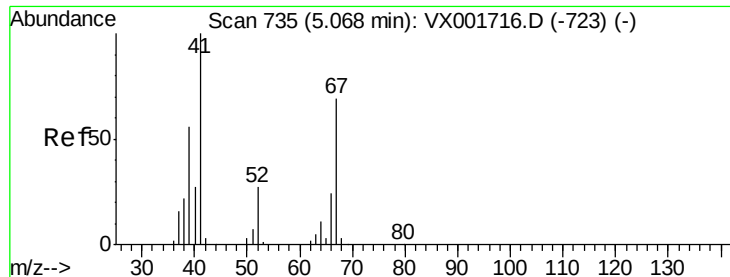
Tot Ion	83	Resp	98155
Ion Ratio	Lower	Upper	
83	100		
55	75.9	60.6	90.8
98	49.7	40.4	60.6



#40
Benzene
Concen: 18.22 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	78	Resp	248803
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.4





#41

Methacrylonitrile

Concen: 17.48 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 48845

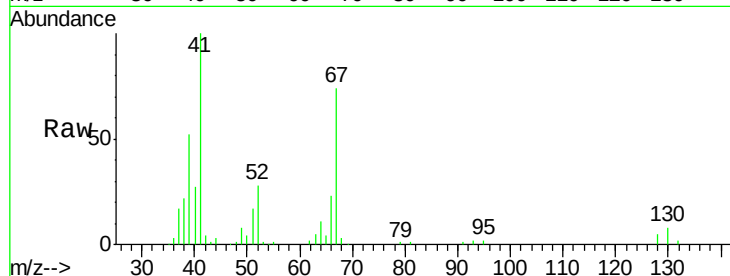
Ion Ratio Lower Upper

41 100

39 53.9 44.2 66.4

67 70.7 56.0 84.0

52 28.2 22.6 33.8

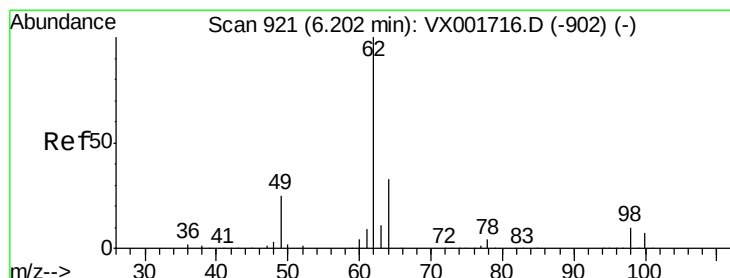
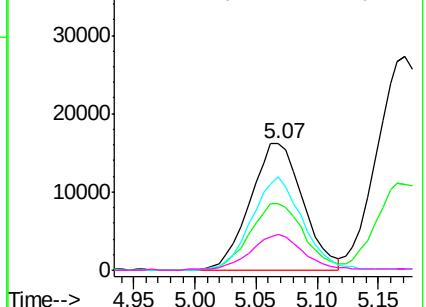
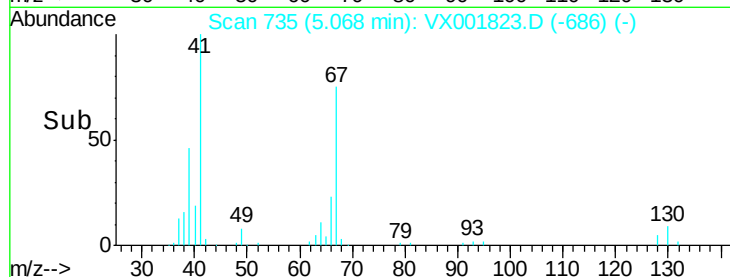


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.18 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX001823.D

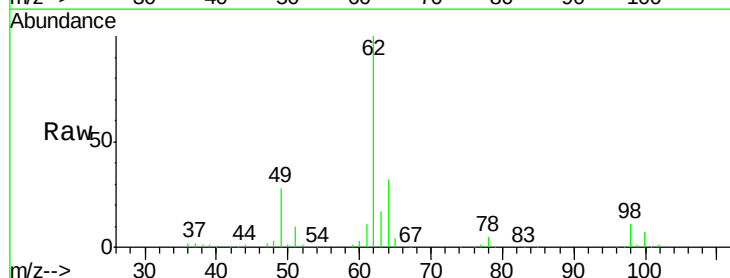
Acq: 18 May 2018 14:00

Tgt Ion: 62 Resp: 84890

Ion Ratio Lower Upper

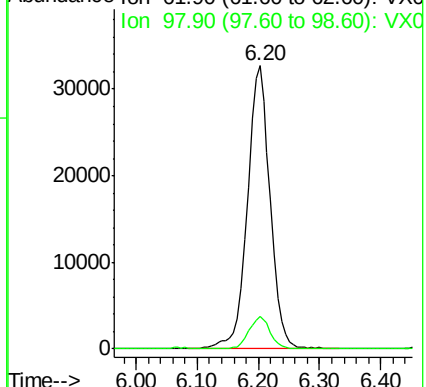
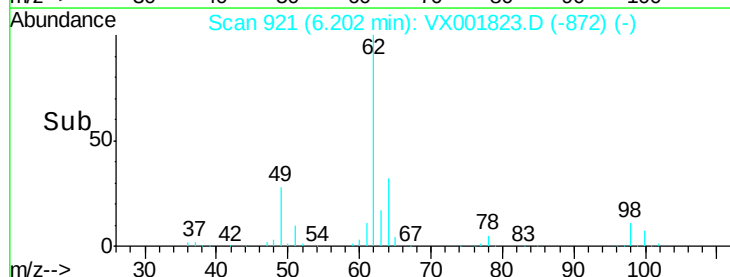
62 100

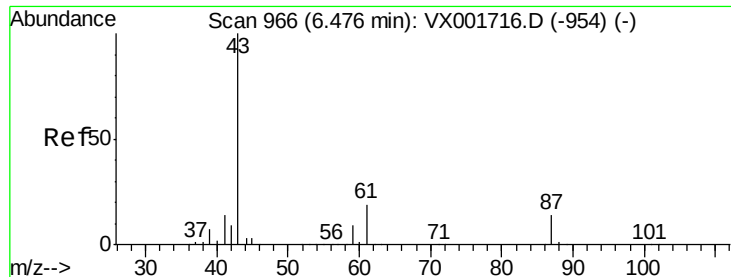
98 10.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

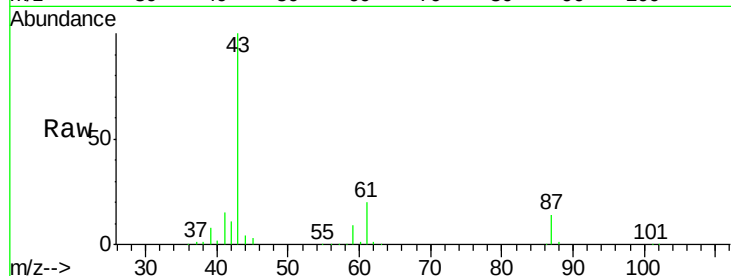
Tot Ion: 43 Resp: 128885

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

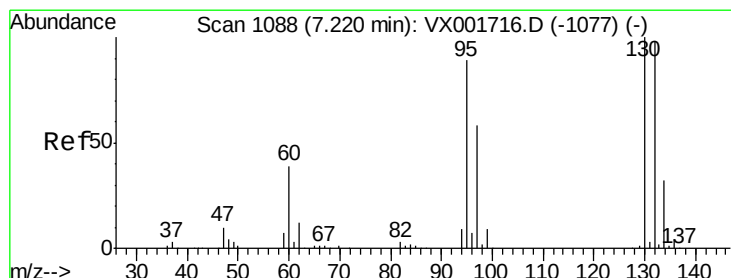
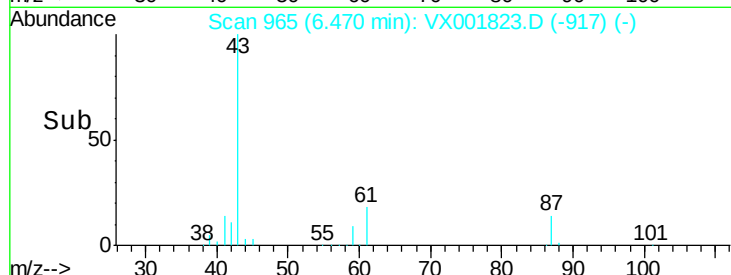
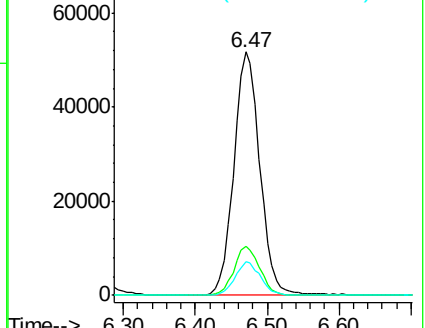
87 13.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX001716.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001716.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001716.D (-954) (-)



#44

Trichloroethene

Concen: 17.83 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001823.D

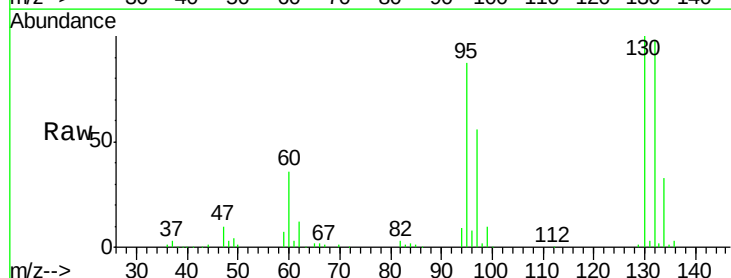
Acq: 18 May 2018 14:00

Tgt Ion:130 Resp: 75575

Ion Ratio Lower Upper

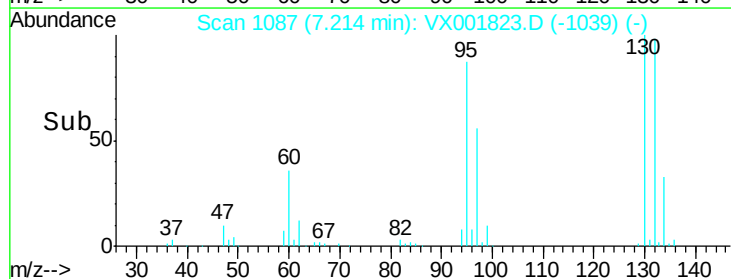
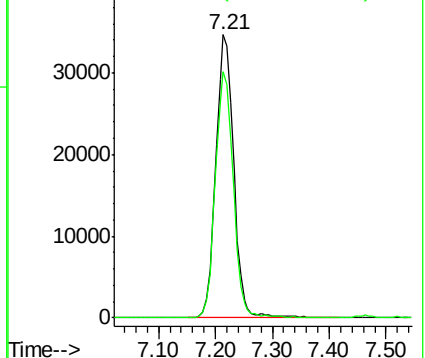
130 100

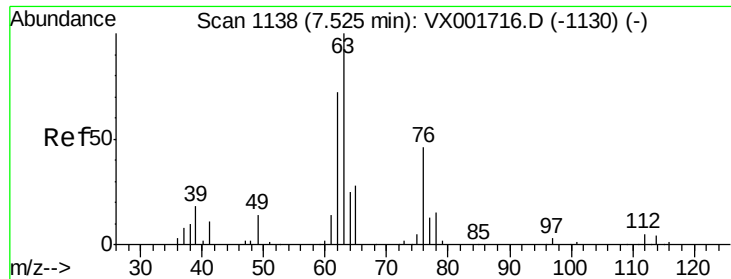
95 86.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): VX001716.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001716.D (-1077) (-)

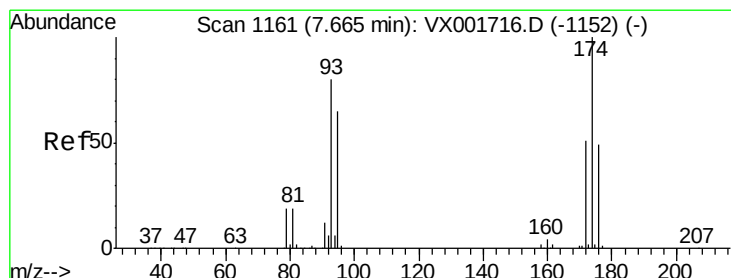
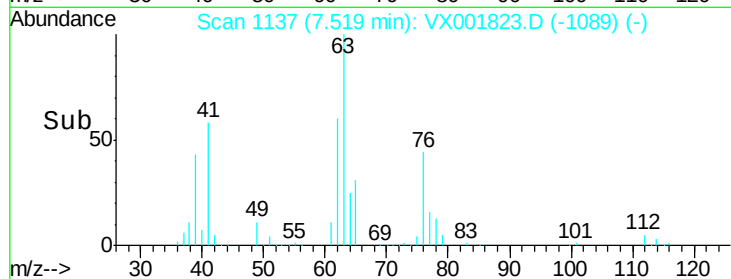
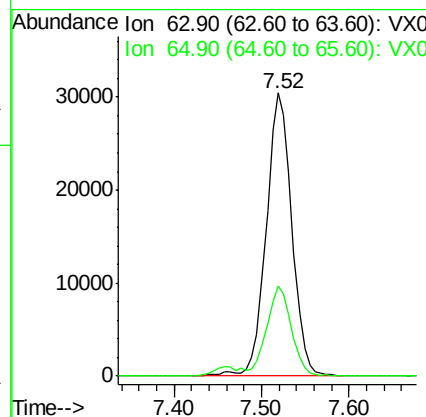
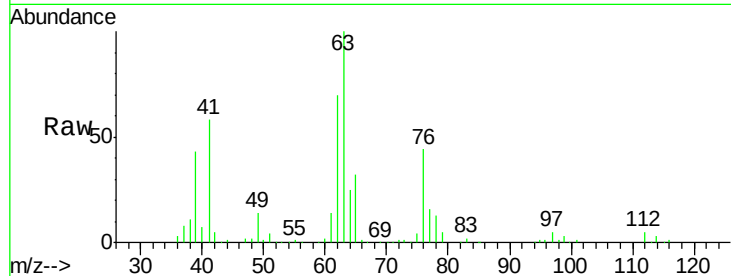




#45
 1,2-Dichloropropane
 Concen: 18.50 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

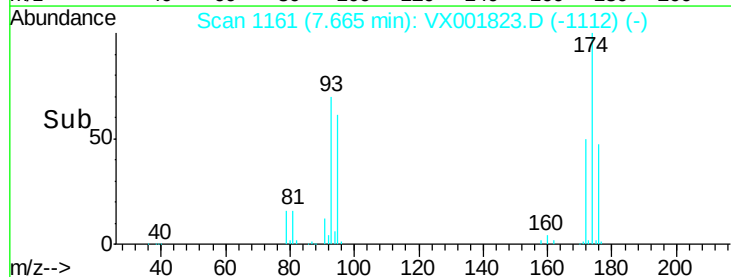
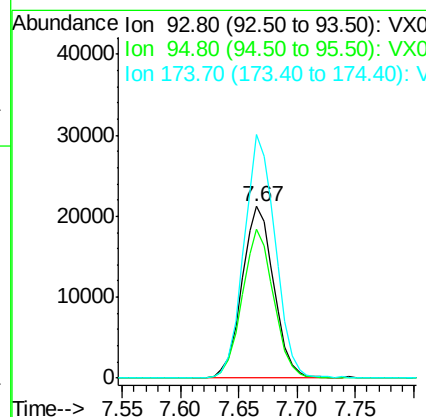
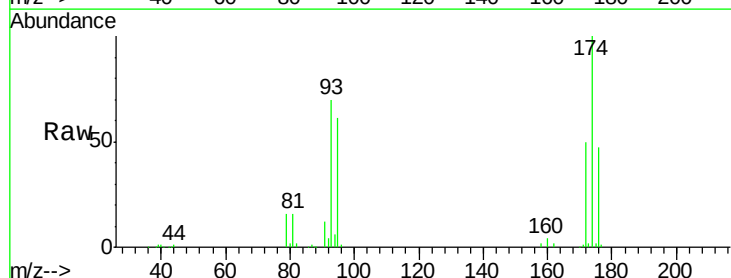
Instrument :
 MSVOA_X
 ClientSampleId :

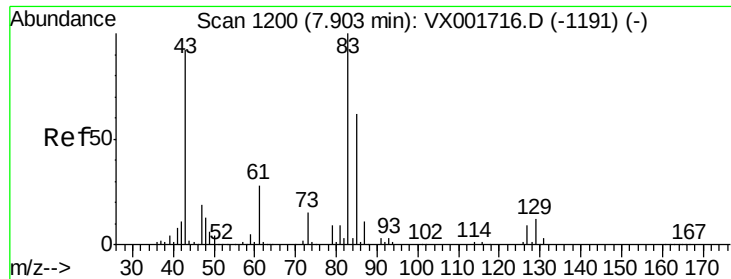
Tot Ion: 63 Resp: 62001
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.2



#46
 Dibromomethane
 Concen: 17.16 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 93 Resp: 40389
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.9 98.9
 174 139.9 106.2 159.2





#47

Bromodichloromethane

Concen: 17.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampled :

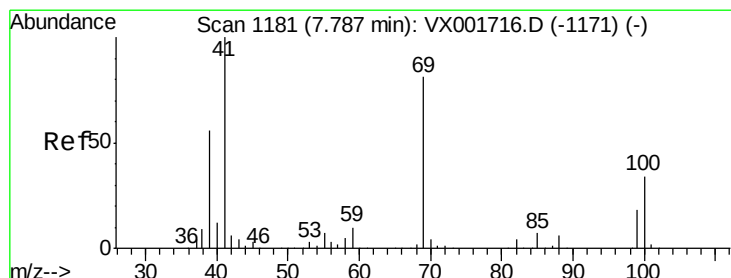
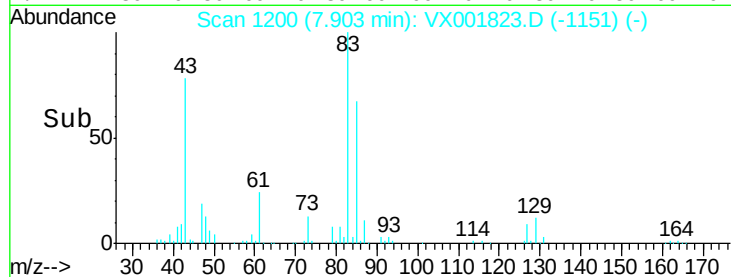
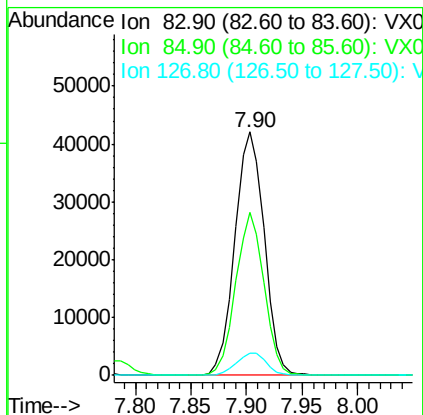
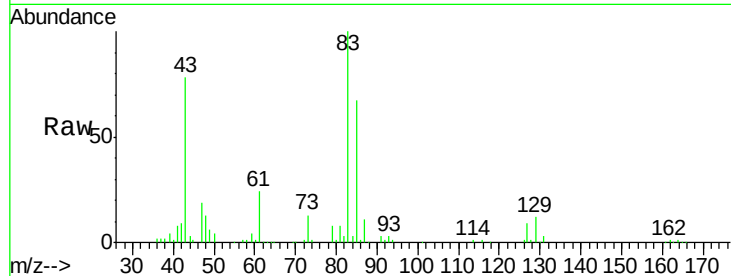
Tot Ion: 83 Resp: 76867

Ion Ratio Lower Upper

83 100

85 66.8 49.6 74.4

127 9.3 7.5 11.3



#48

Methyl methacrylate

Concen: 17.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

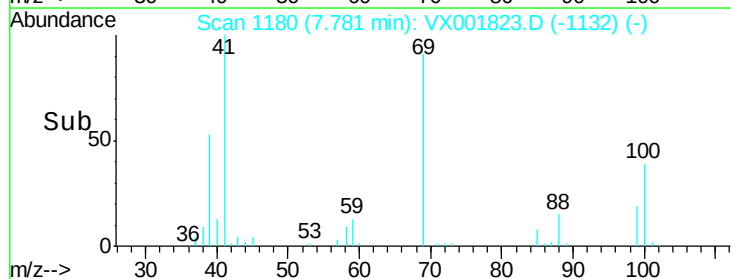
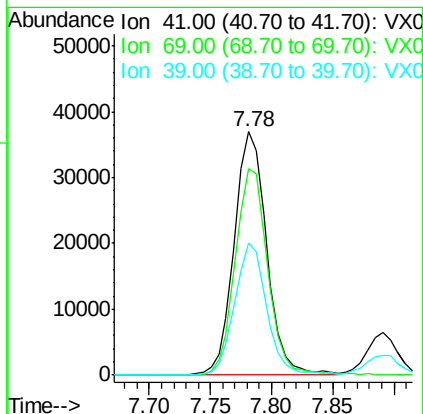
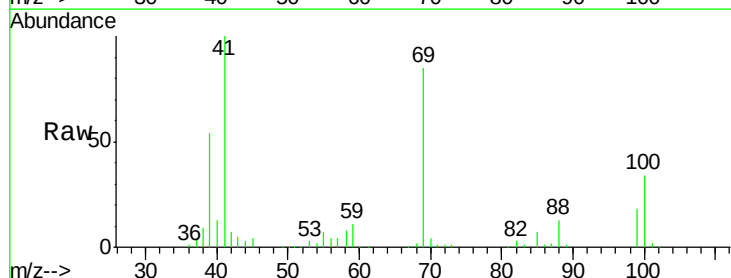
Tgt Ion: 41 Resp: 67709

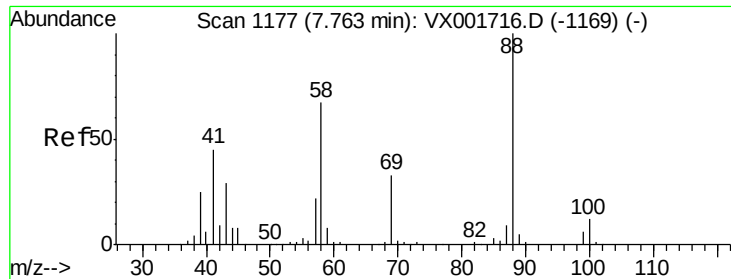
Ion Ratio Lower Upper

41 100

69 85.7 65.2 97.8

39 53.0 44.5 66.7

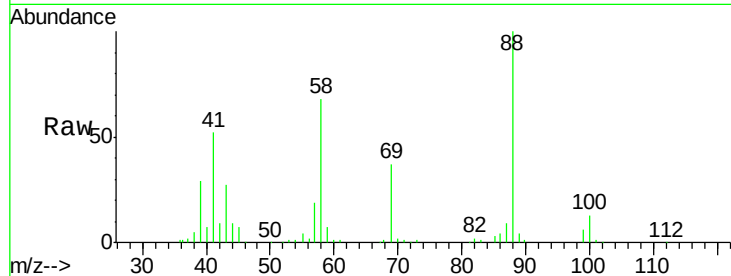




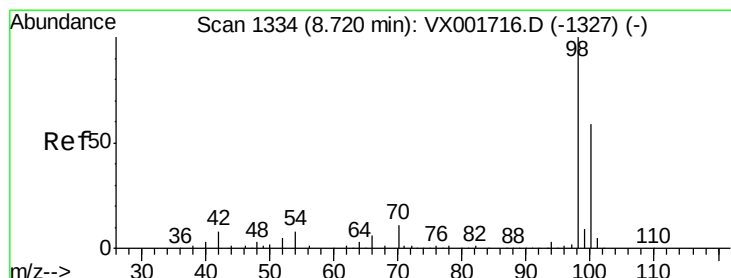
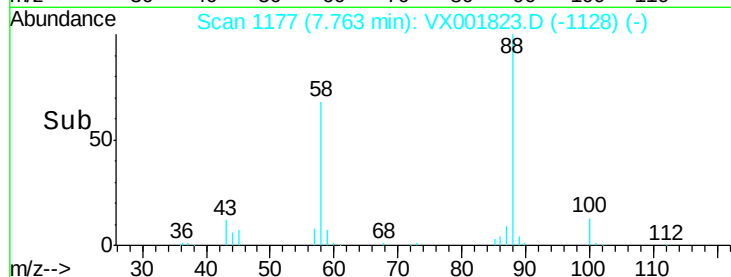
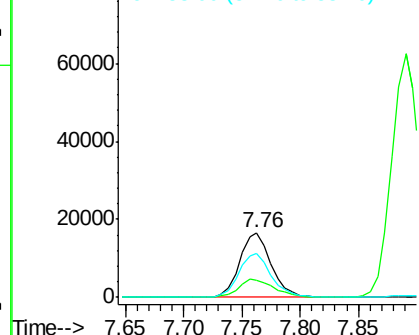
#49
1,4-Dioxane
Concen: 408.62 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 31314
Ion Ratio Lower Upper
88 100
43 30.7 27.3 40.9
58 70.5 55.9 83.9

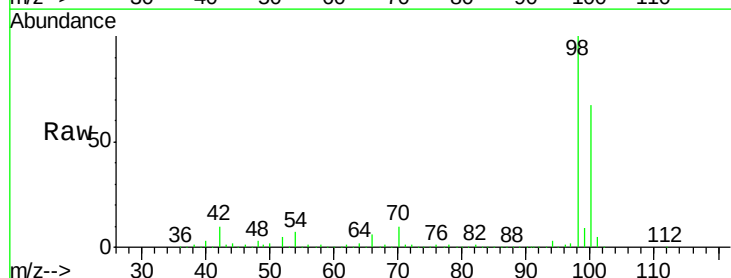


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

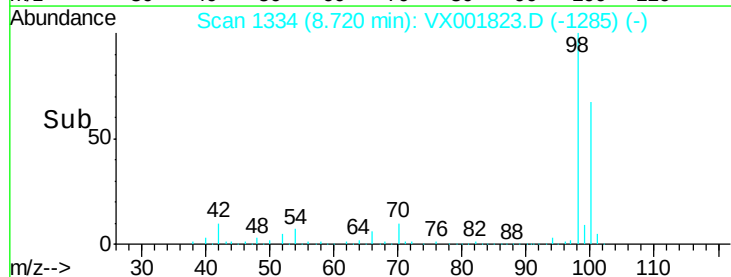
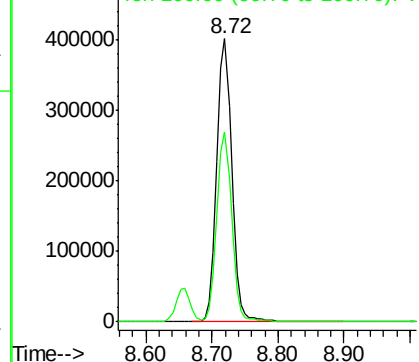


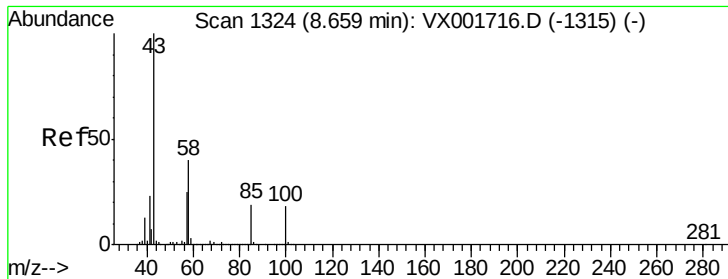
#50
Toluene-d8
Concen: 52.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 98 Resp: 634412
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

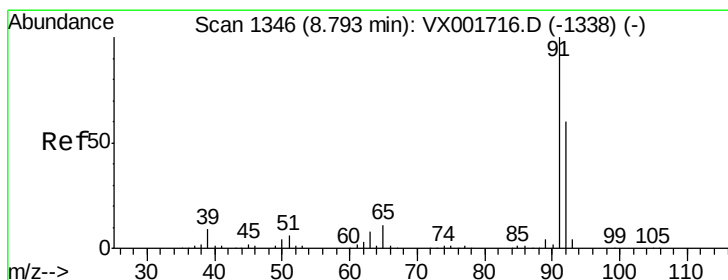
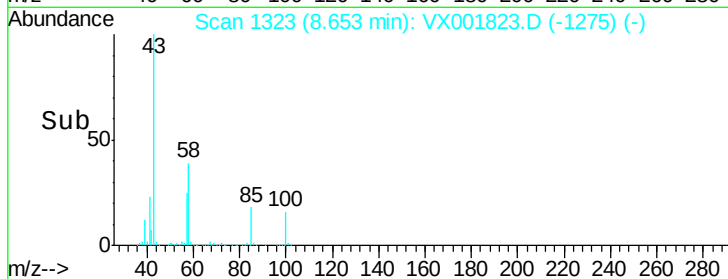
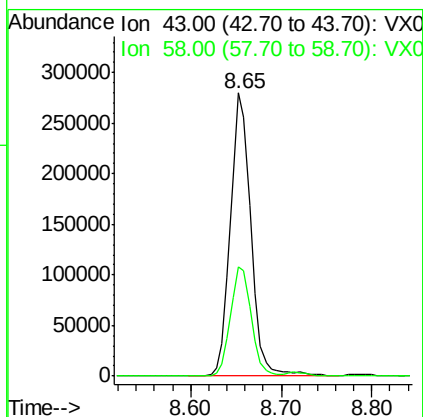
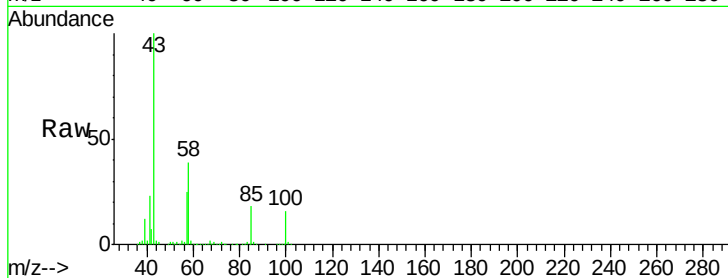




#51
4-Methyl-2-Pentanone
Concen: 91.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

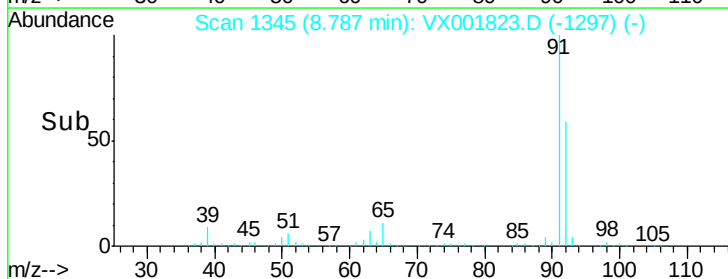
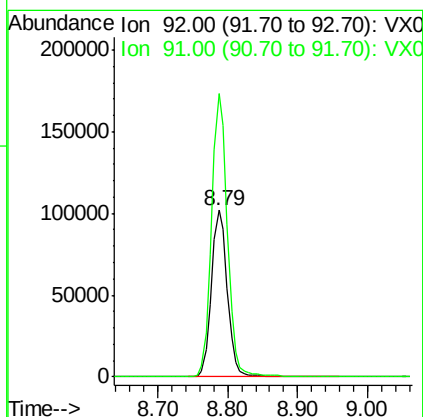
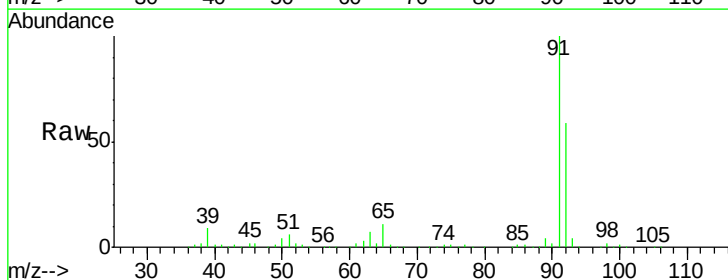
Instrument :
MSVOA_X
ClientSampled :

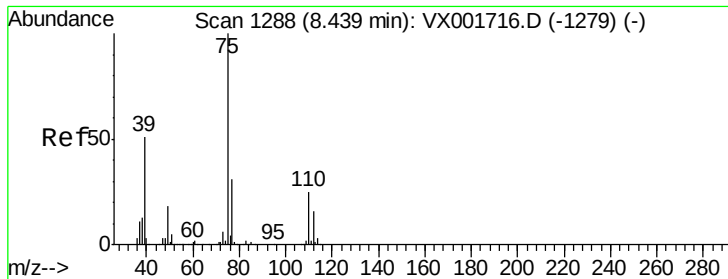
Tot Ion: 43 Resp: 439823
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.0



#52
Toluene
Concen: 18.46 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 92 Resp: 161991
Ion Ratio Lower Upper
92 100
91 168.9 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

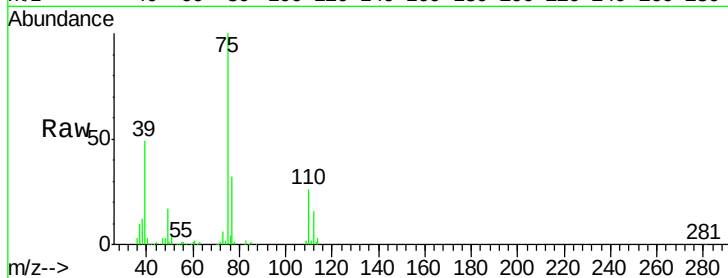
ClientSampleId :

Tot Ion: 75 Resp: 90048

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

60000

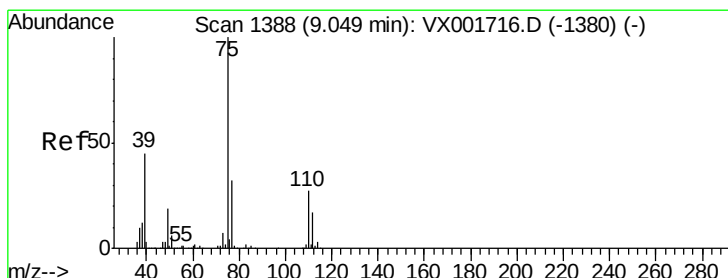
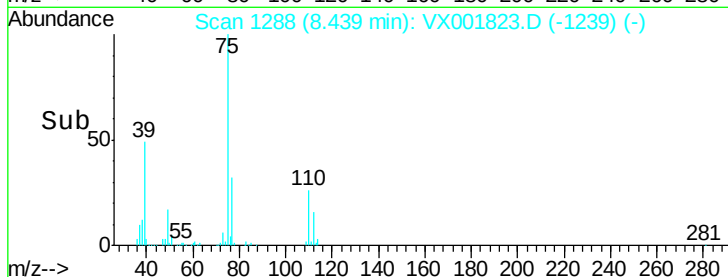
40000

20000

0

8.40 8.44 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.37 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

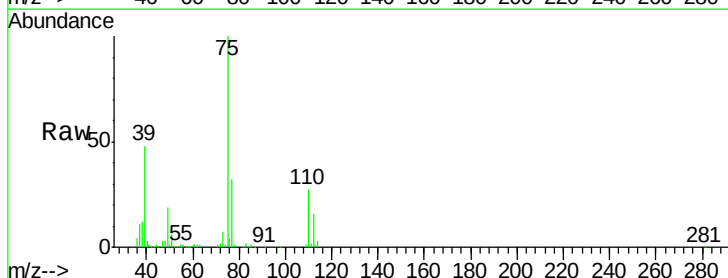
Tgt Ion: 75 Resp: 78652

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 47.4 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

60000

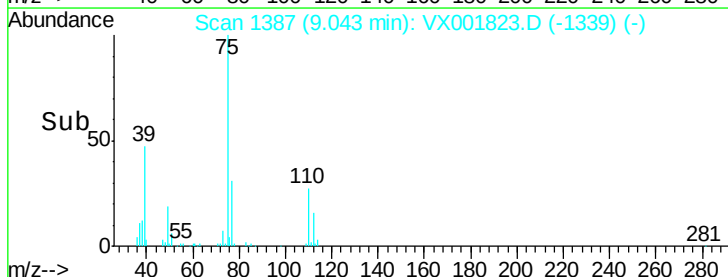
40000

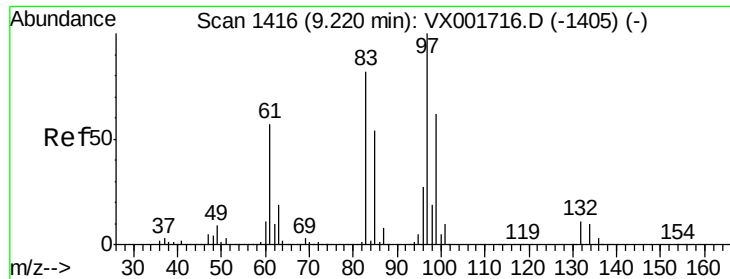
20000

0

9.00 9.04 9.10

Time-->

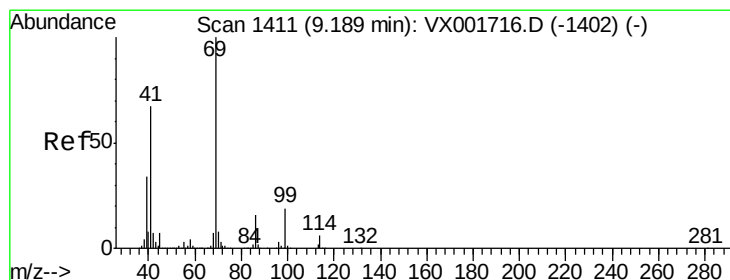
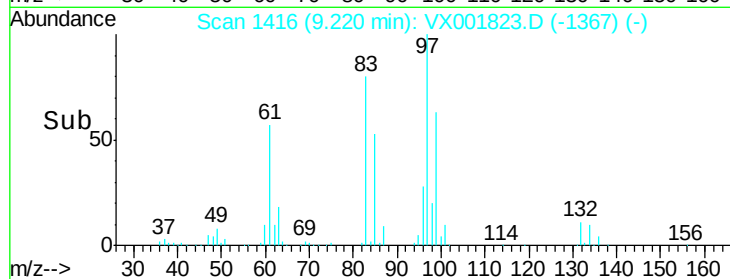
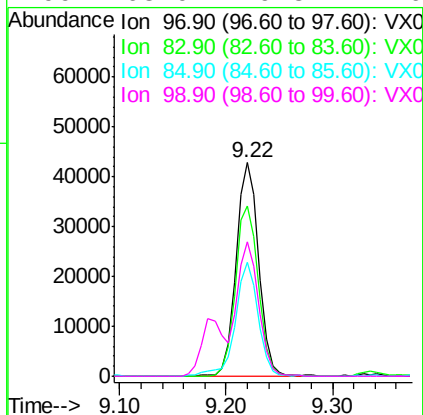
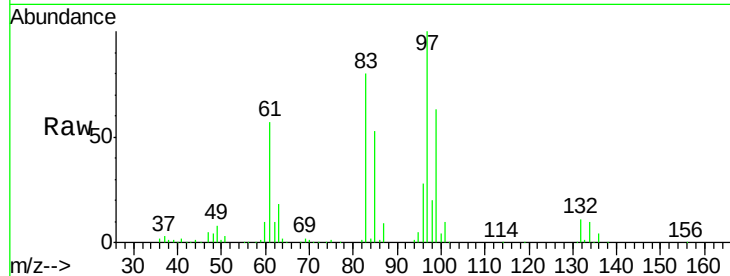




#55
 1,1,2-Trichloroethane
 Concen: 18.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

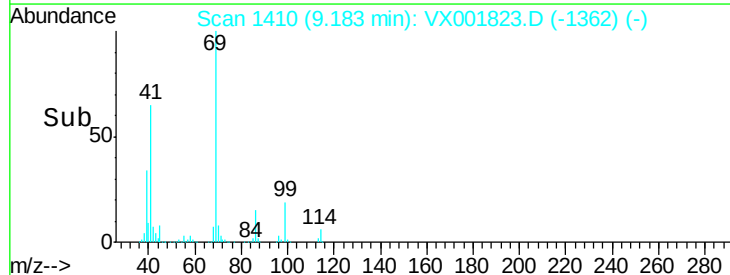
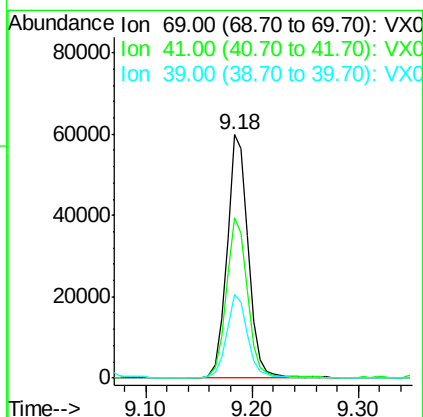
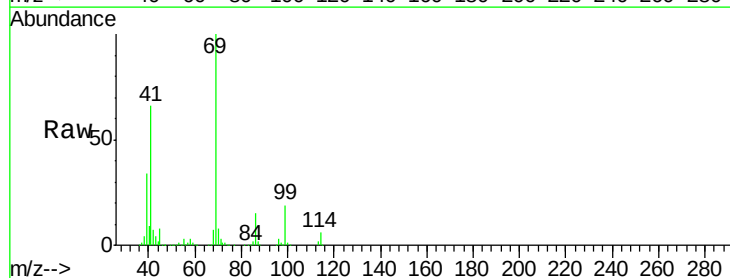
Instrument :
 MSVOA_X
 ClientSampled :

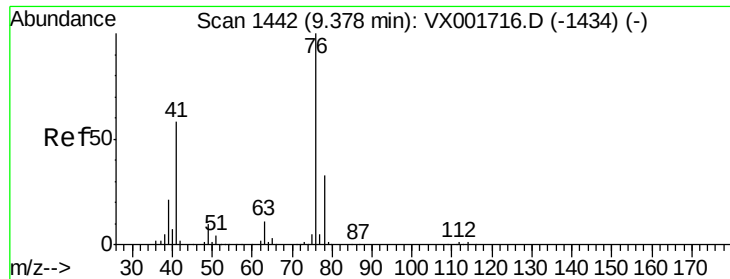
Tot Ion:	97	Resp:	63679
Ion	Ratio	Lower	Upper
97	100		
83	79.6	65.8	98.8
85	53.1	43.4	65.0
99	63.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 17.58 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion:	69	Resp:	83646
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.5	80.3
39	33.2	27.2	40.8

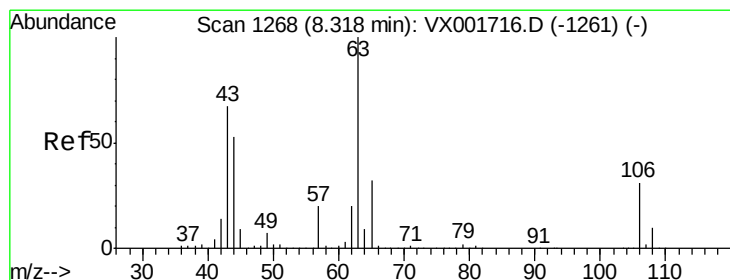
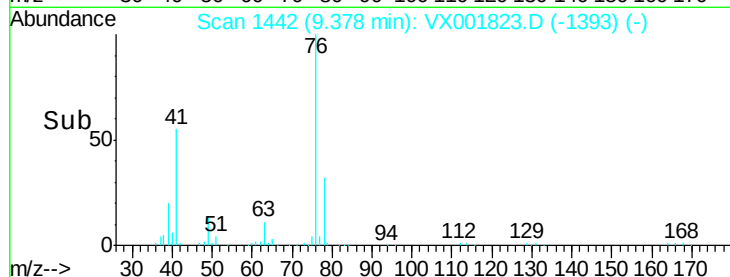
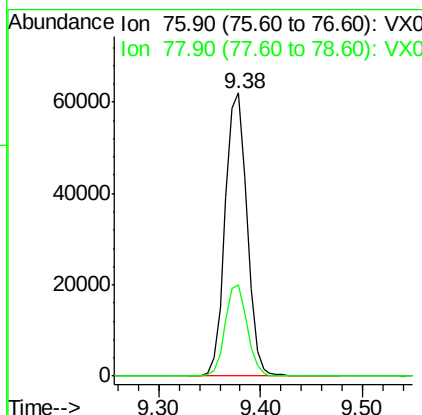
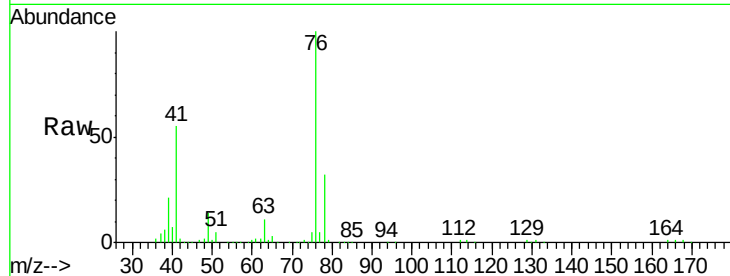




#57
 1,3-Dichloropropane
 Concen: 16.39 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

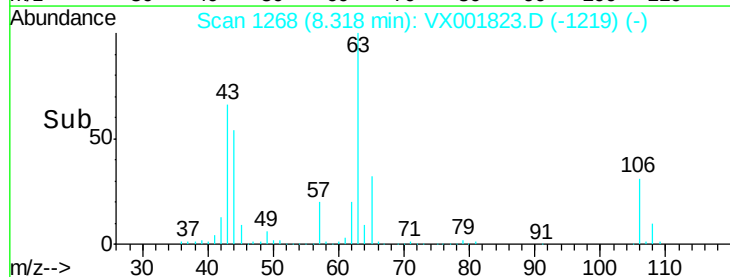
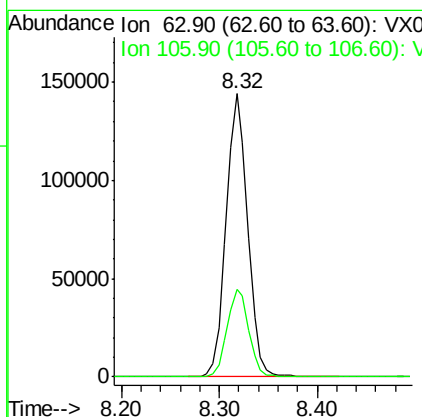
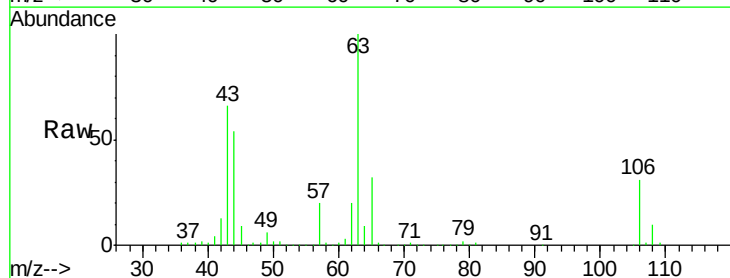
Instrument :
 MSVOA_X
 ClientSampleId :

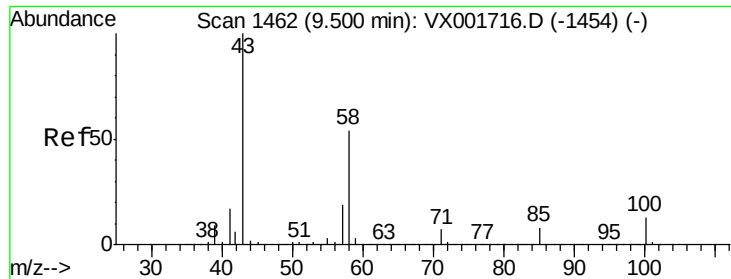
Tot Ion: 76 Resp: 92070
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.77 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 63 Resp: 219686
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.1 37.7

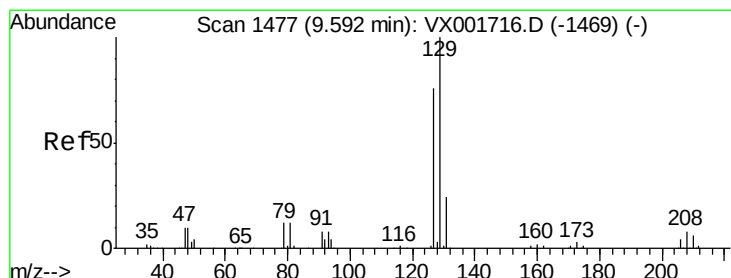
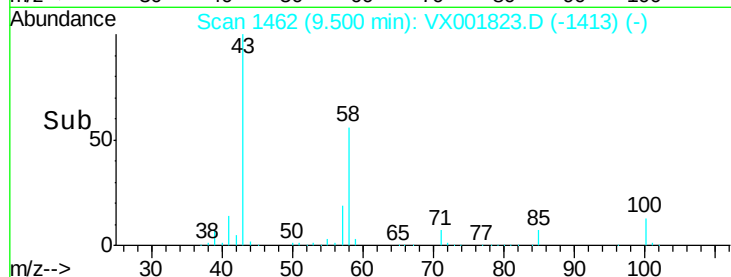
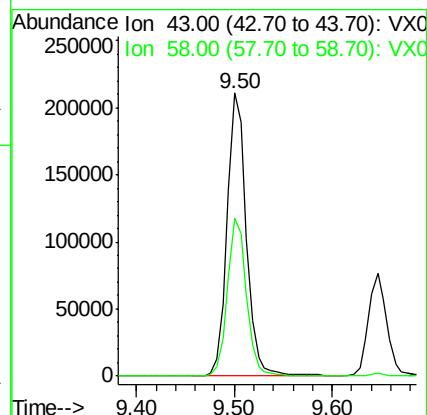
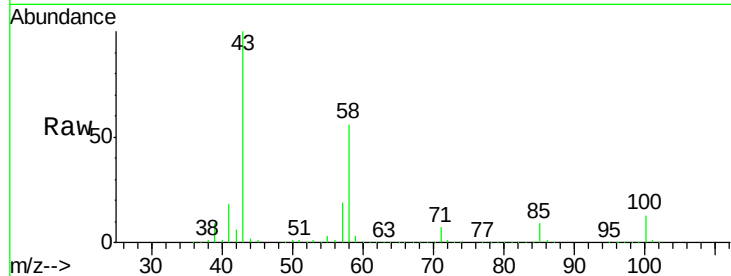




#59
2-Hexanone
Concen: 83.95 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

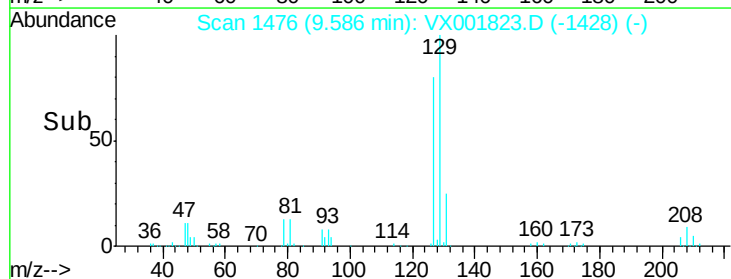
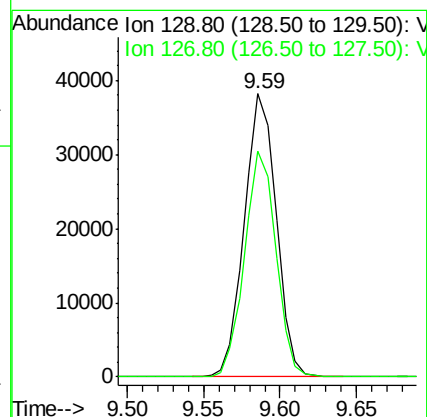
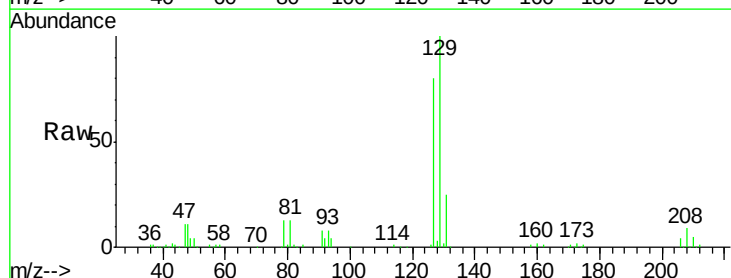
Instrument :
MSVOA_X
ClientSampleId :

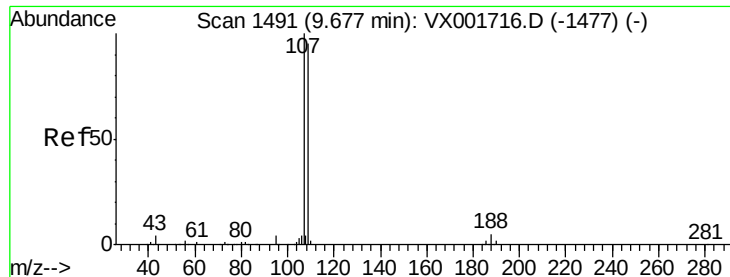
Tot Ion: 43 Resp: 287984
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 16.12 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 129 Resp: 55387
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 16.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

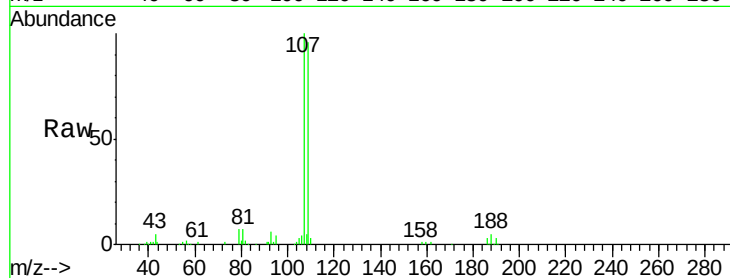
ClientSampleId :

Tot Ion:107 Resp: 56741

Ion Ratio Lower Upper

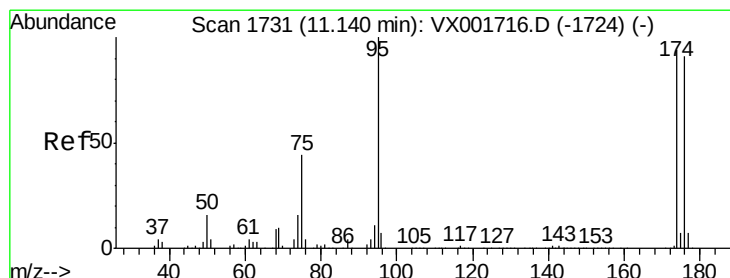
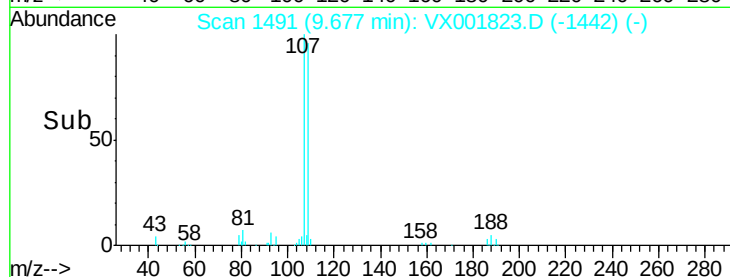
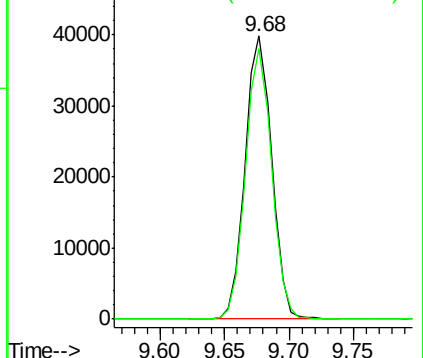
107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

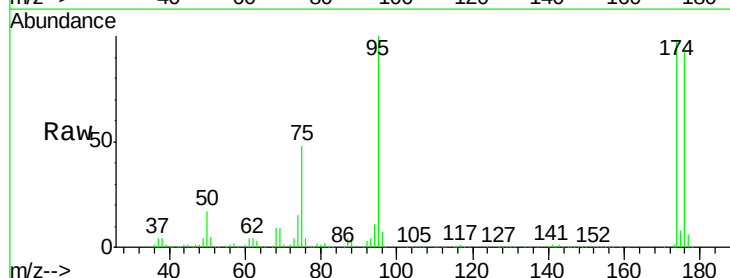
Tgt Ion: 95 Resp: 194638

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

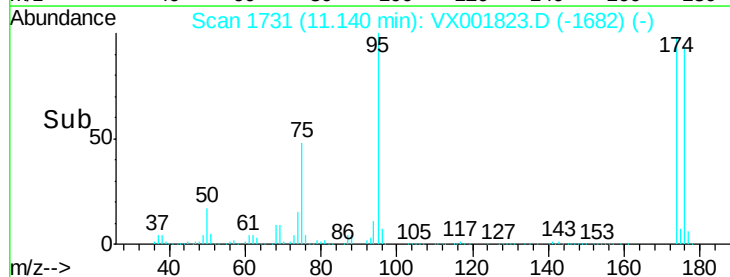
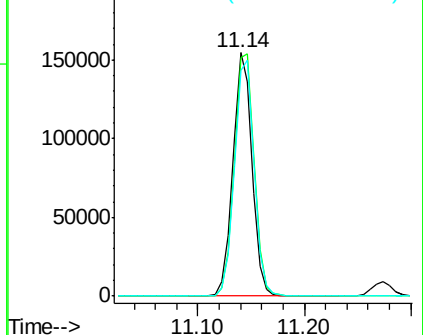
176 100.1 0.0 196.8

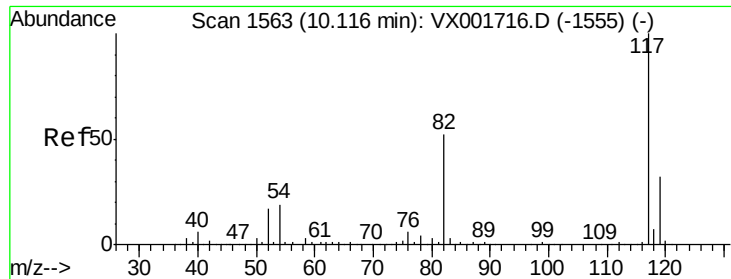


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

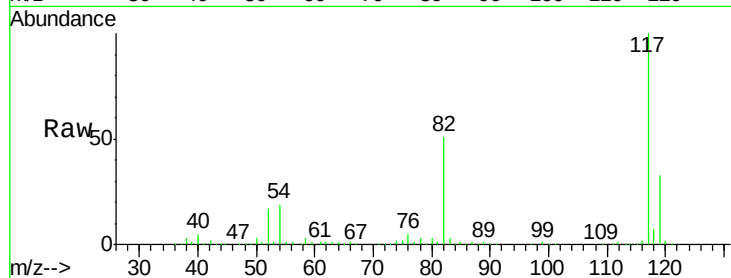




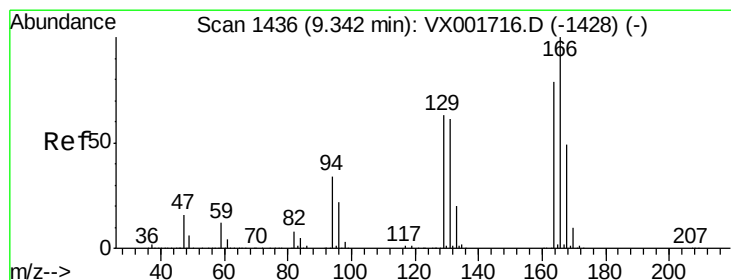
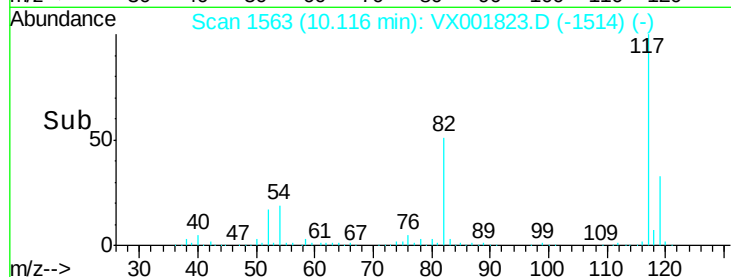
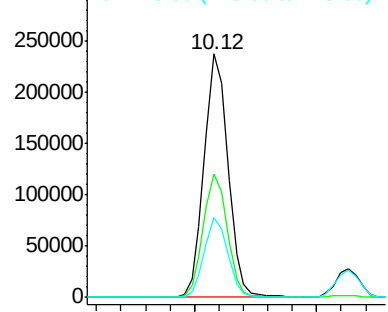
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 321581
Ion Ratio Lower Upper
117 100
82 50.9 41.4 62.2
119 33.0 25.6 38.4

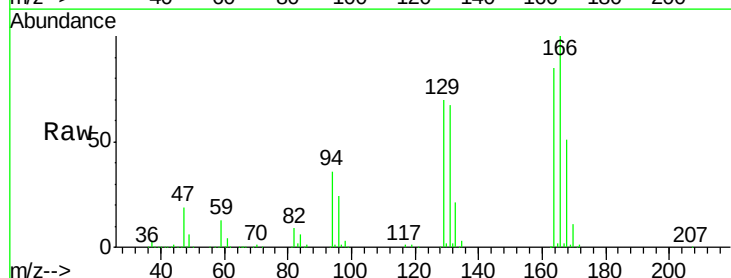


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

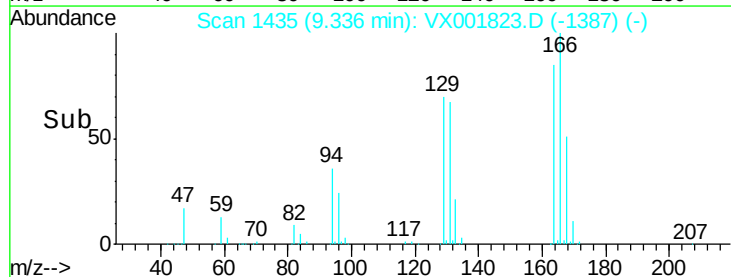
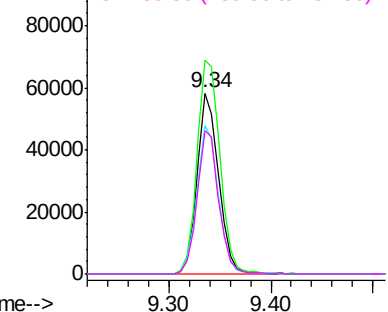


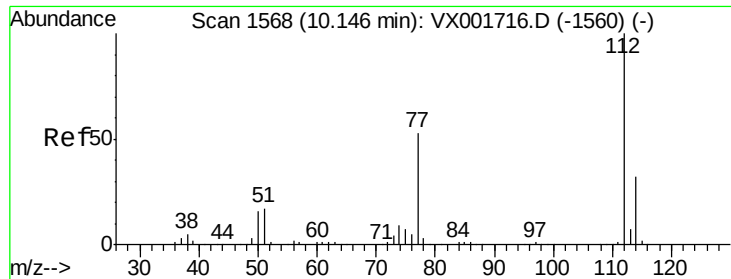
#64
Tetrachloroethene
Concen: 20.30 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion:164 Resp: 84994
Ion Ratio Lower Upper
164 100
166 118.1 101.8 152.8
129 82.1 63.8 95.6
131 79.3 62.2 93.2



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

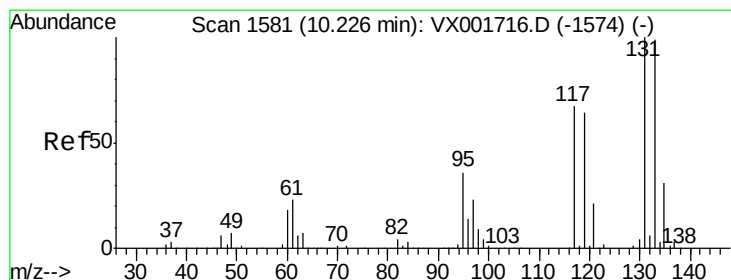
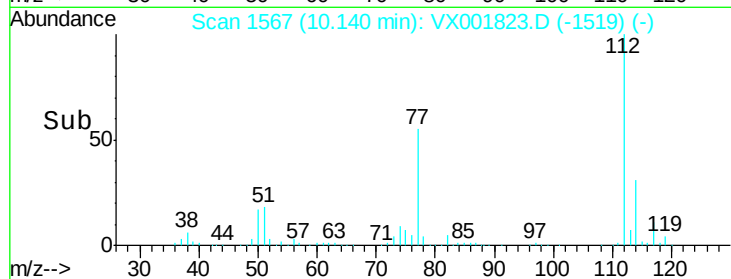
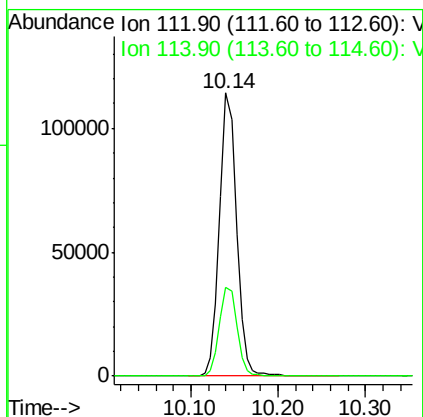
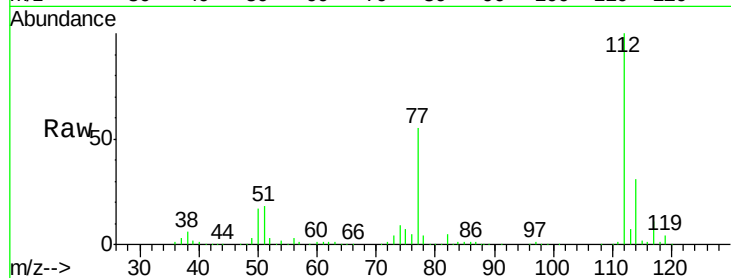




#65
Chlorobenzene
Concen: 17.51 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

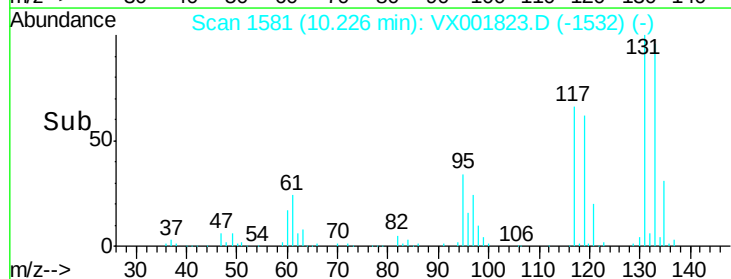
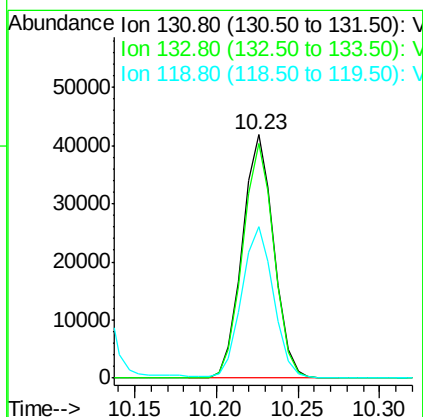
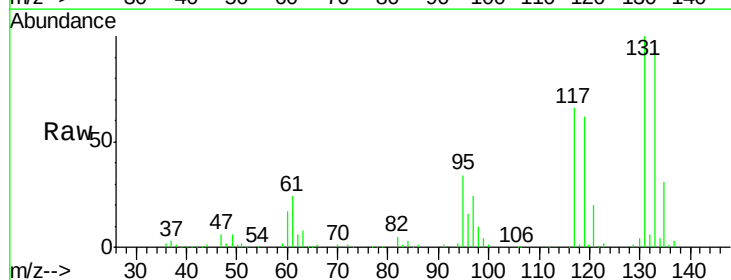
Instrument :
MSVOA_X
ClientSampled :

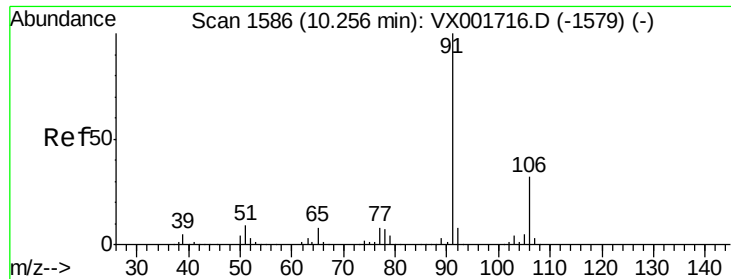
Tot Ion:112 Resp: 154879
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.05 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion:131 Resp: 56388
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.6
119 63.3 31.9 95.5





#67

Ethyl Benzene

Concen: 17.91 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

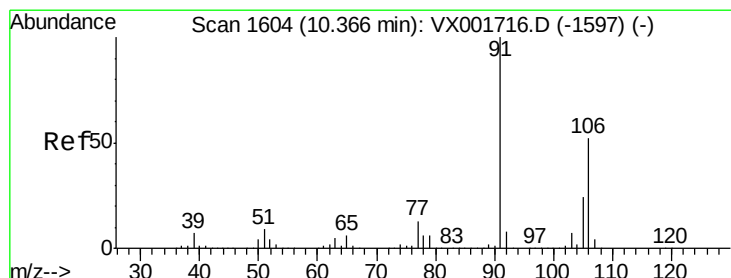
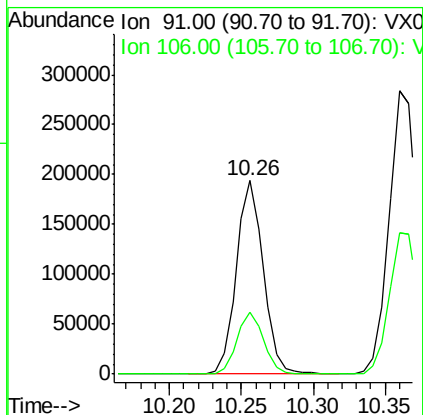
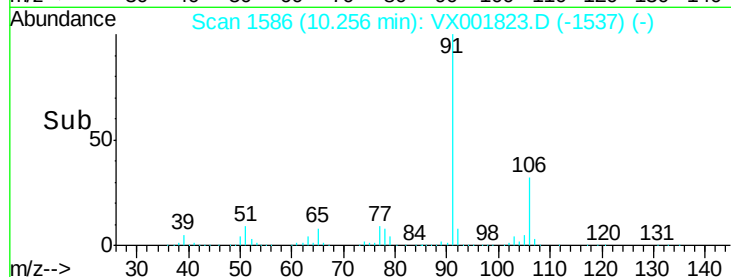
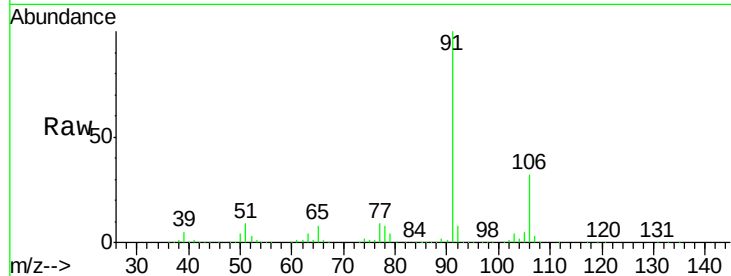
ClientSampleId :

Tot Ion: 91 Resp: 253244

Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



#68

m/p-Xylenes

Concen: 36.29 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001823.D

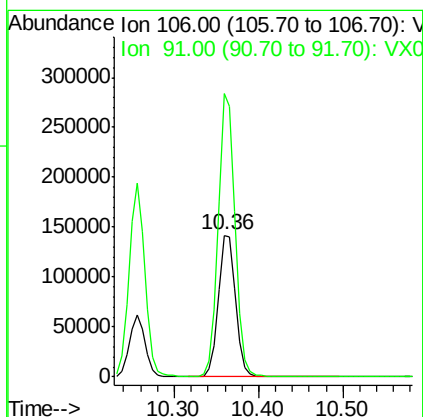
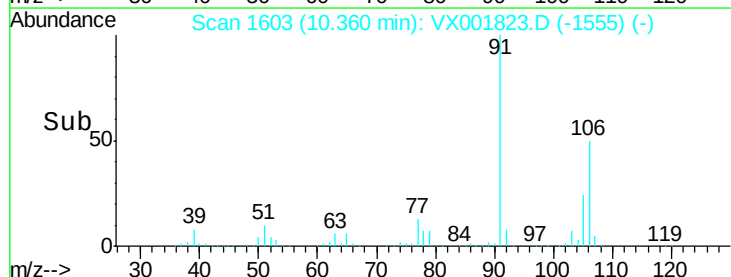
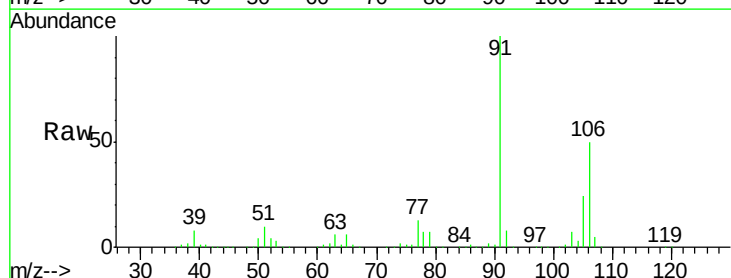
Acq: 18 May 2018 14:00

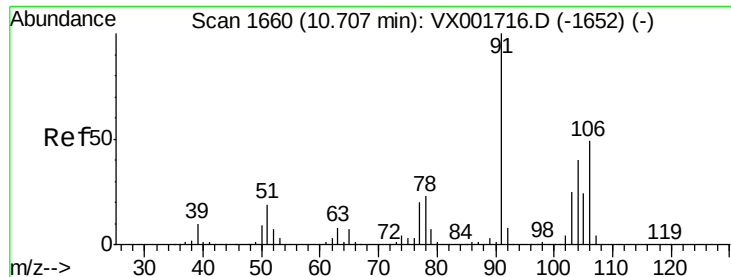
Tgt Ion: 106 Resp: 202428

Ion Ratio Lower Upper

106 100

91 194.4 155.4 233.2

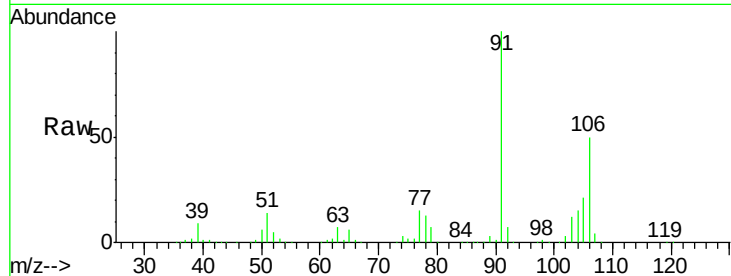




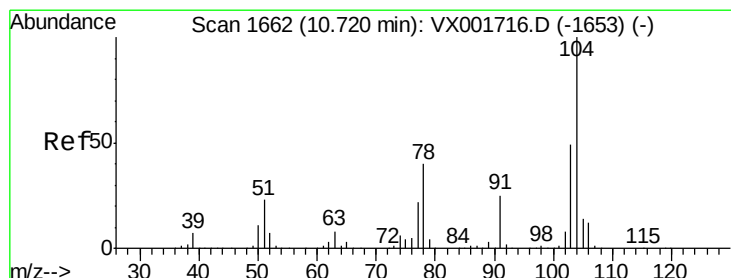
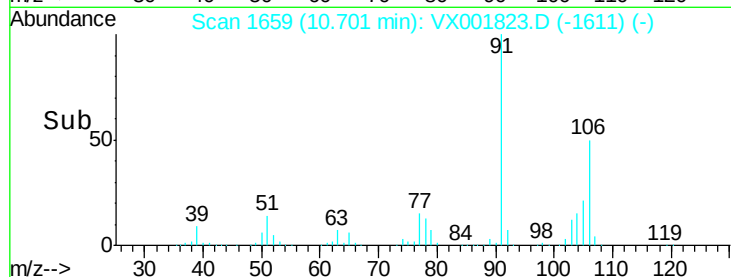
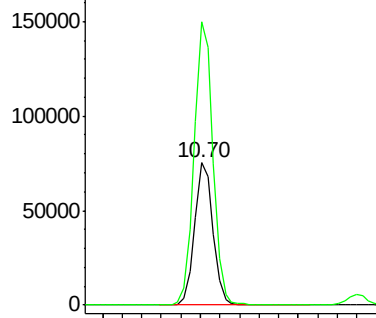
#69
o-Xylene
Concen: 18.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 98079
Ion Ratio Lower Upper
106 100
91 203.4 103.4 310.2

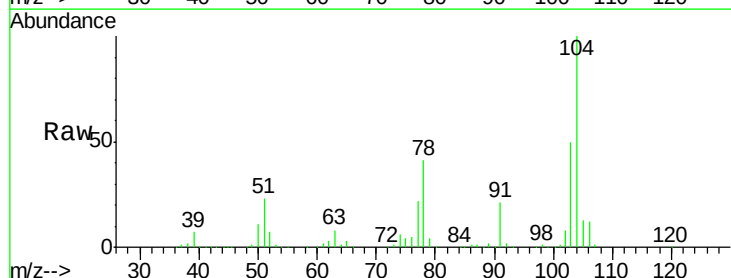


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

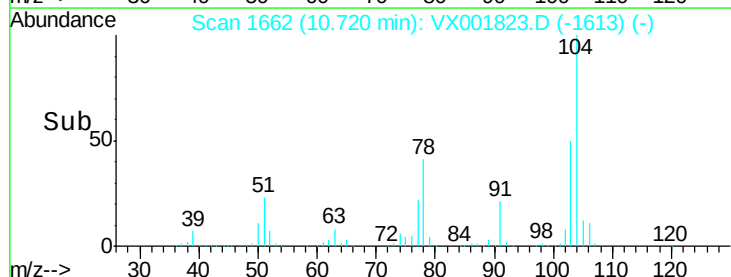
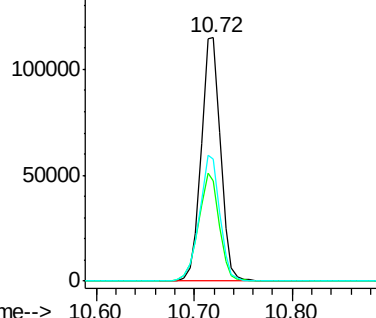


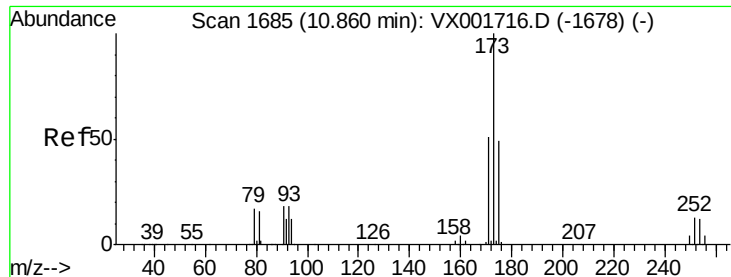
#70
Styrene
Concen: 17.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion:104 Resp: 158307
Ion Ratio Lower Upper
104 100
78 47.3 37.3 55.9
103 54.6 43.7 65.5



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





#71

Bromoform

Concen: 17.15 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

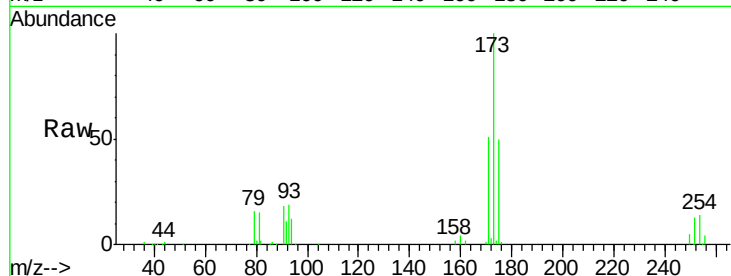
Tot Ion:173 Resp: 43924

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

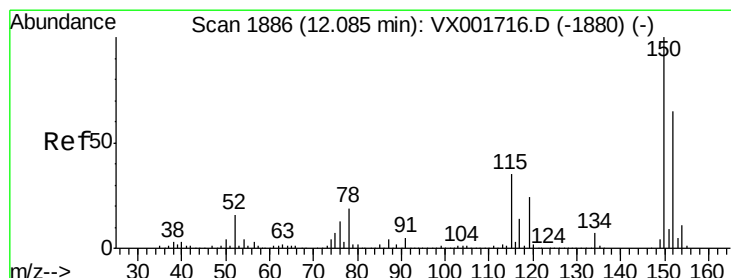
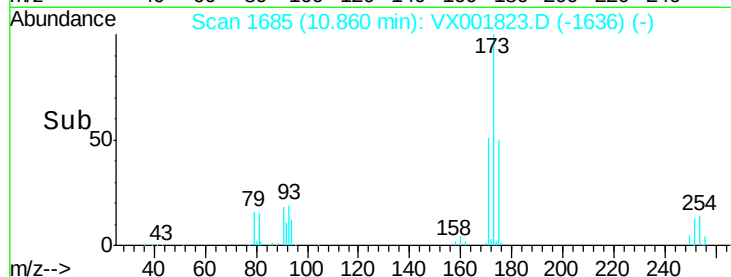
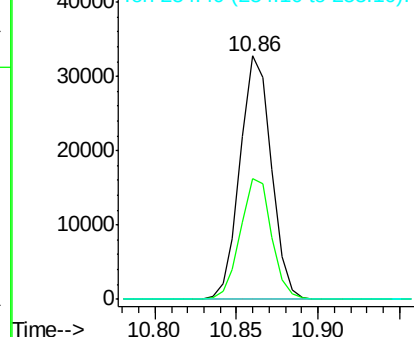
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

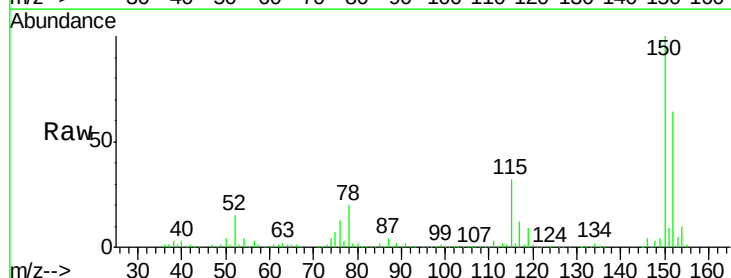
Tgt Ion:152 Resp: 209965

Ion Ratio Lower Upper

152 100

115 59.6 37.4 112.2

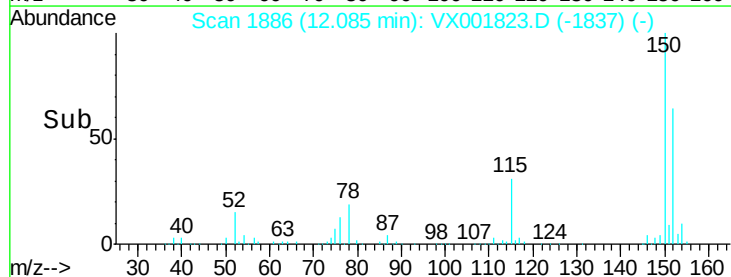
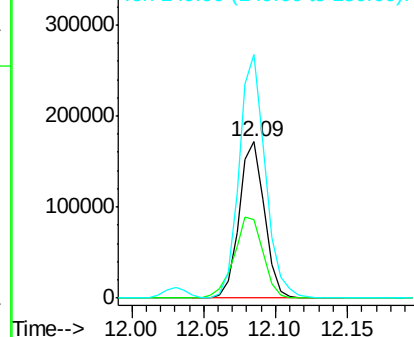
150 161.8 0.0 344.8

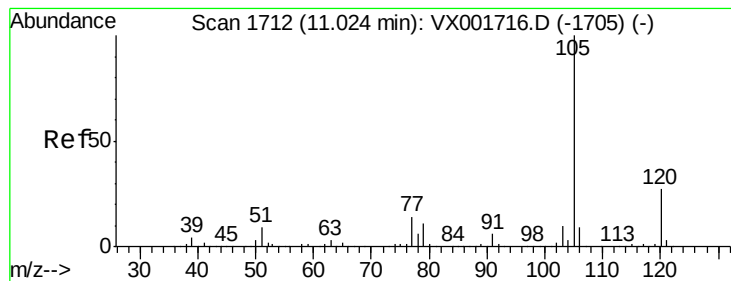


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

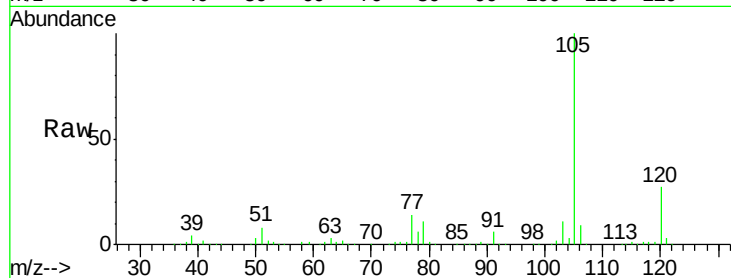
ClientSampleId :

Tot Ion:105 Resp: 263951

Ion Ratio Lower Upper

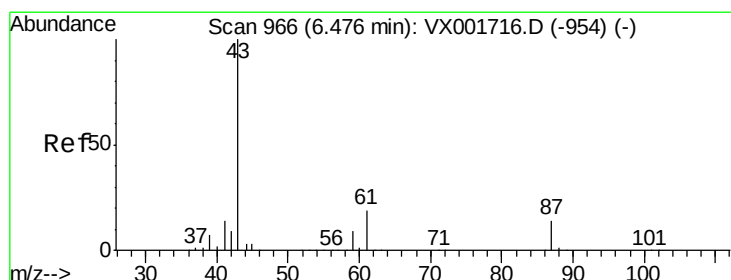
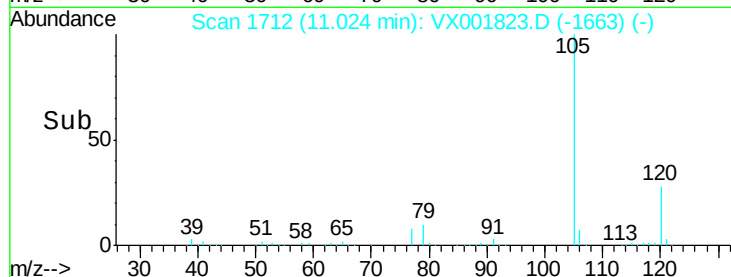
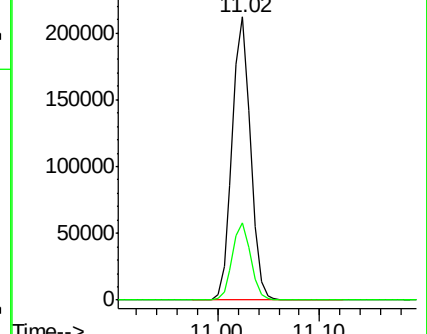
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion: 43 Resp: 128885

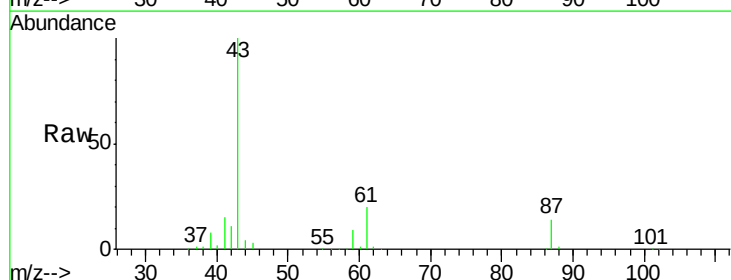
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.1 15.8 23.8

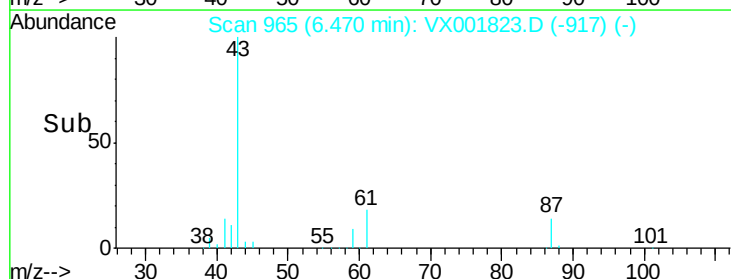
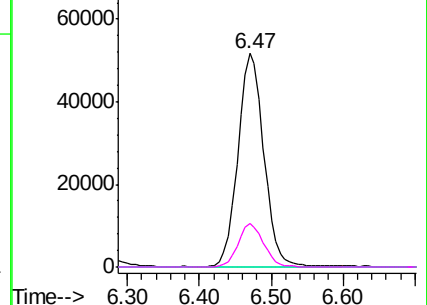


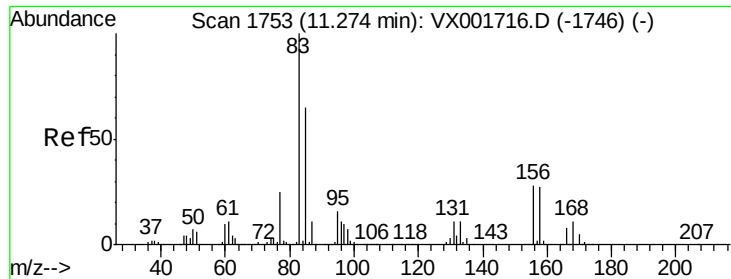
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

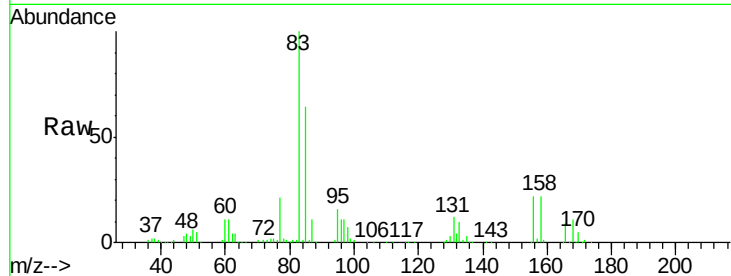
Tot Ion: 83 Resp: 74370

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.0

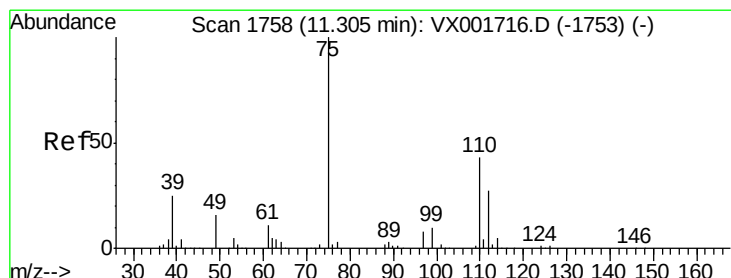
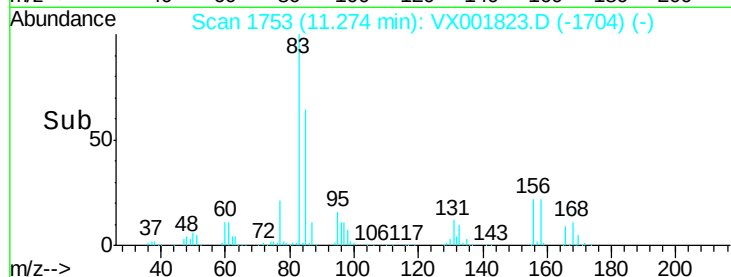
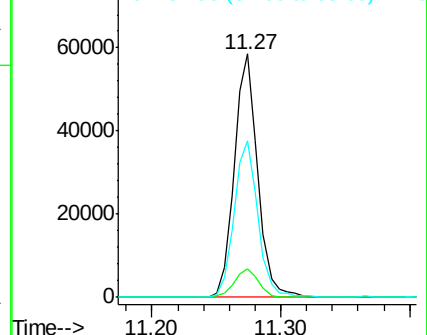
85 65.7 32.7 98.1



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: 21.36 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001823.D

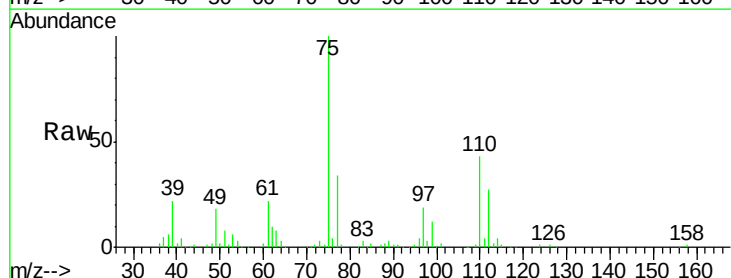
Acq: 18 May 2018 14:00

Tgt Ion: 75 Resp: 85282

Ion Ratio Lower Upper

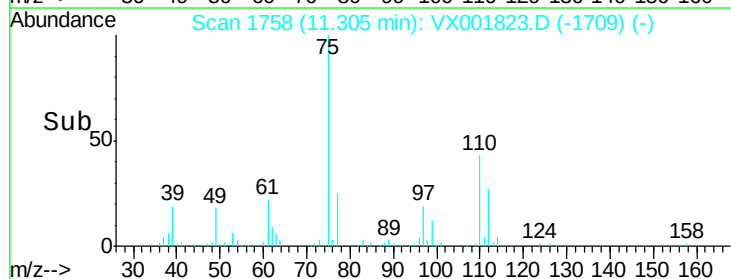
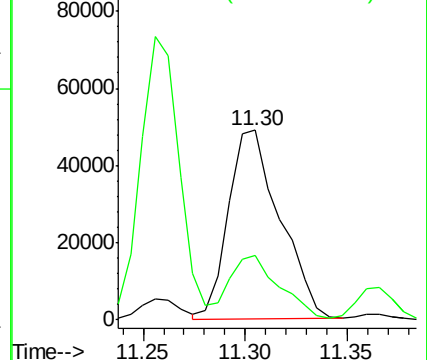
75 100

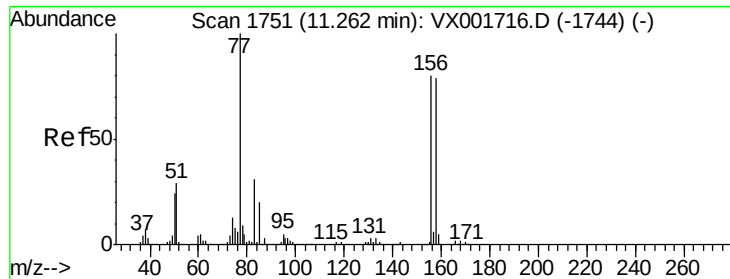
77 33.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.32 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

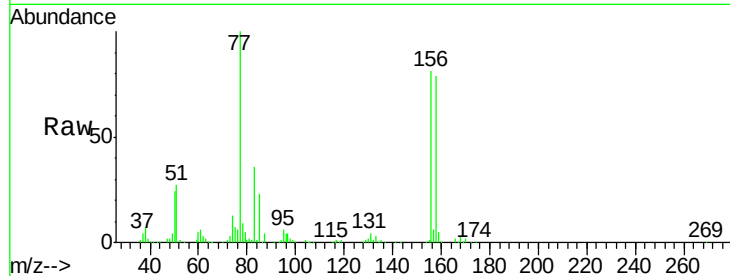
Tot Ion:156 Resp: 74417

Ion Ratio Lower Upper

156 100

77 129.8 65.3 196.0

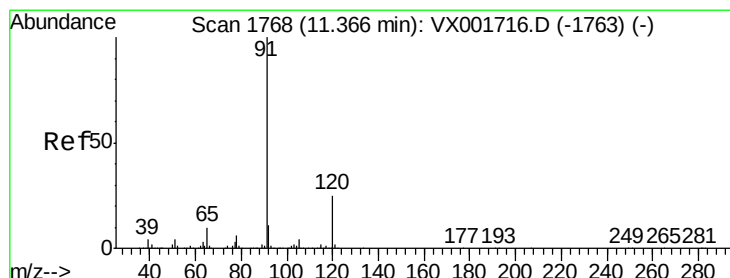
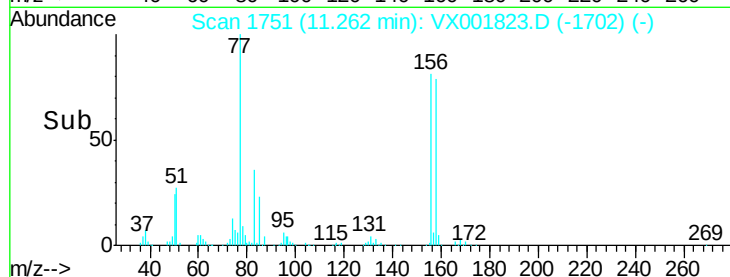
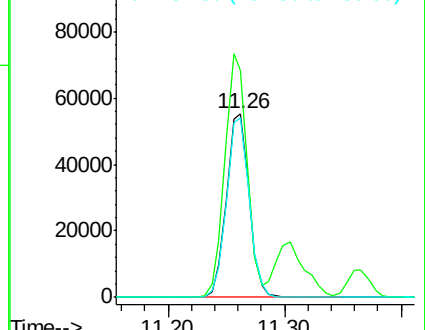
158 98.1 49.1 147.3



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: 18.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001823.D

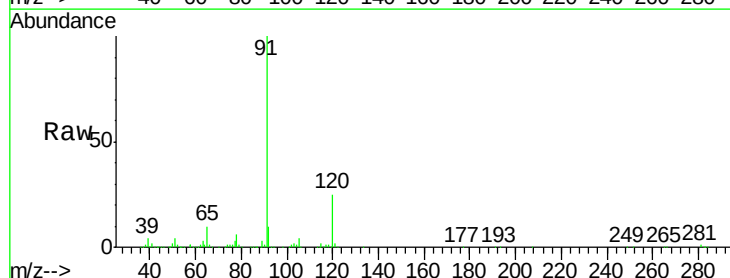
Acq: 18 May 2018 14:00

Tgt Ion: 91 Resp: 291698

Ion Ratio Lower Upper

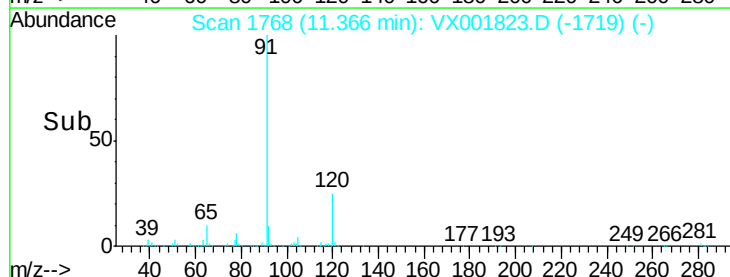
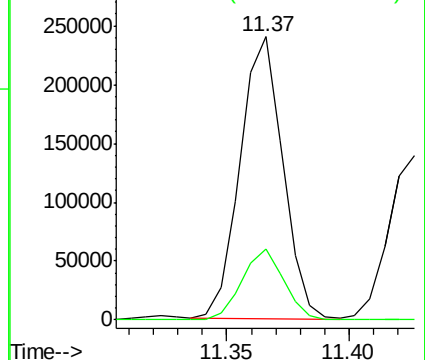
91 100

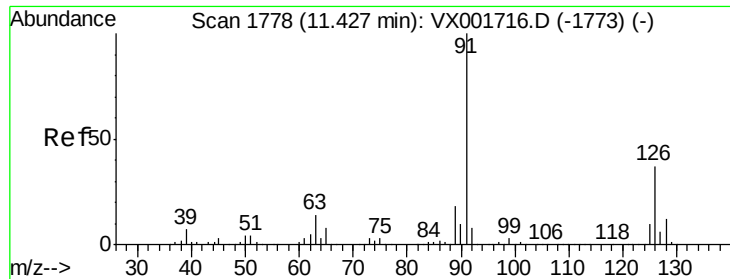
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

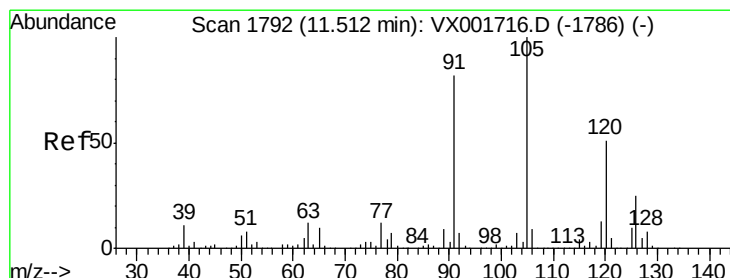
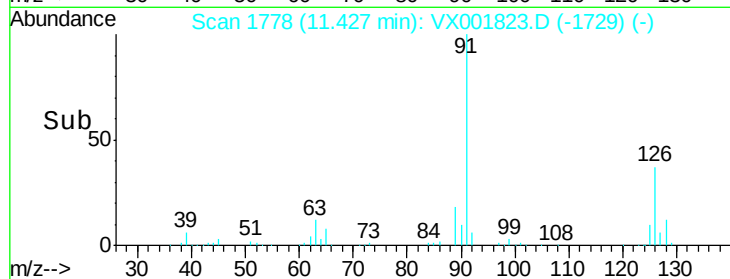
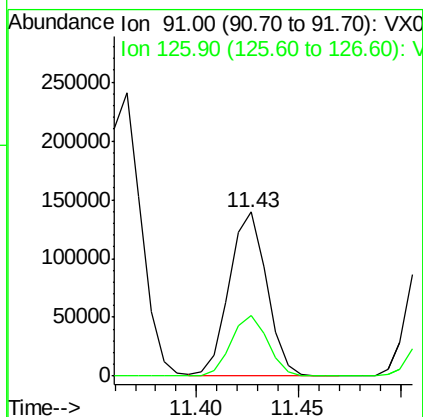
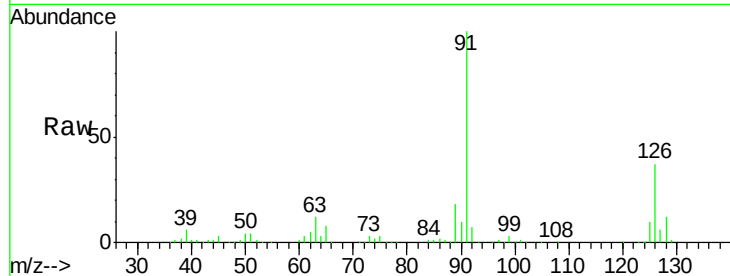




#79
 2-Chlorotoluene
 Concen: 18.86 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

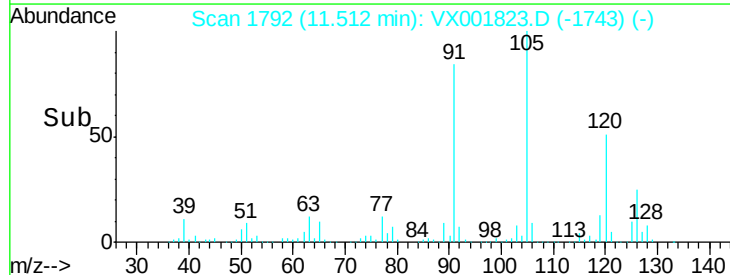
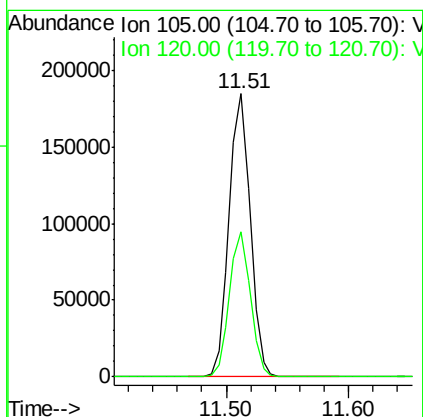
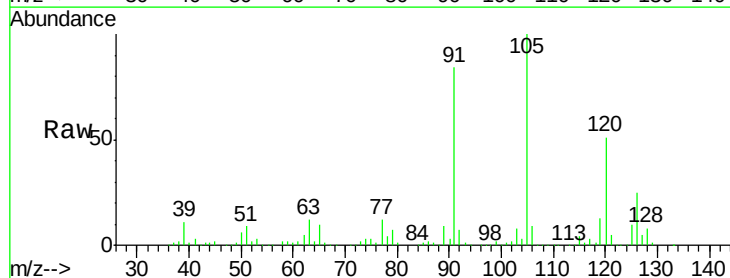
Instrument :
 MSVOA_X
 ClientSampleId :

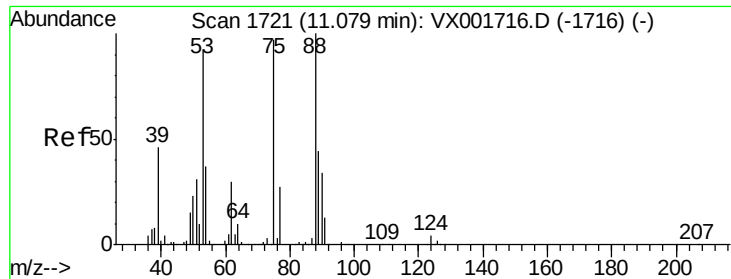
Tot Ion: 91 Resp: 175706
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.51 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 105 Resp: 221295
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.7 77.0

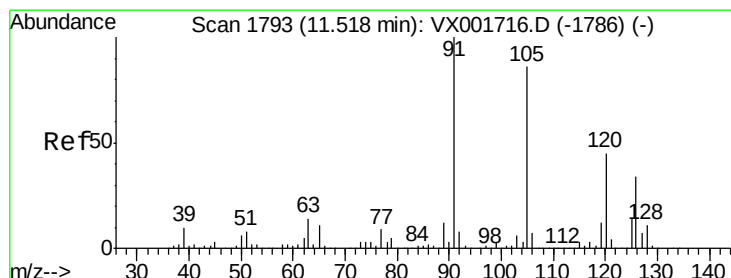
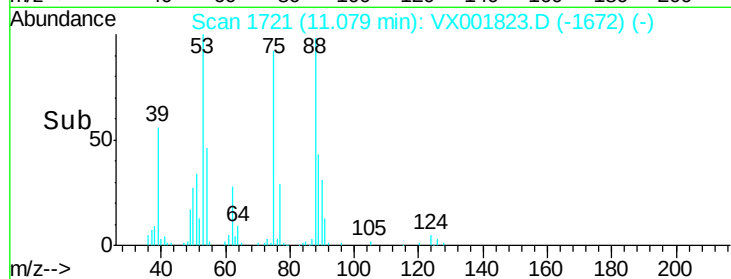
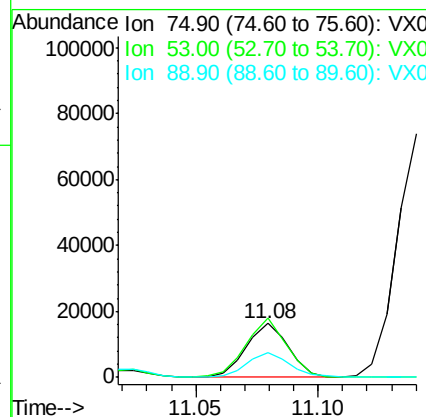
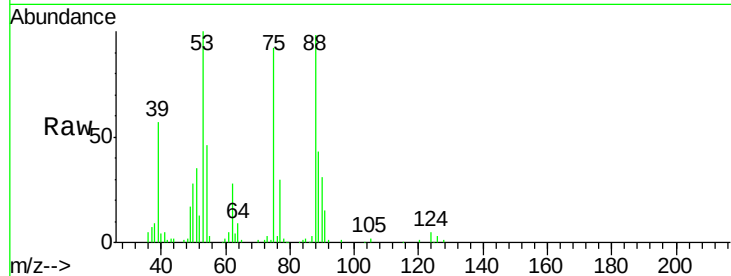




#81
trans-1,4-Dichloro-2-butene
Concen: 16.80 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

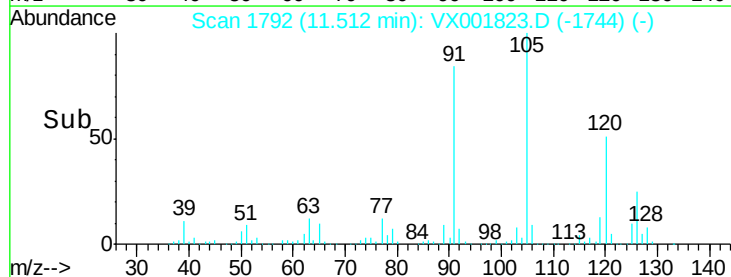
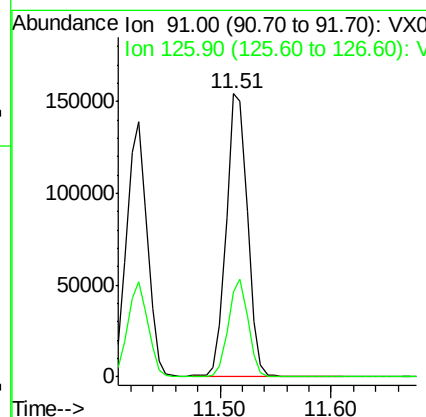
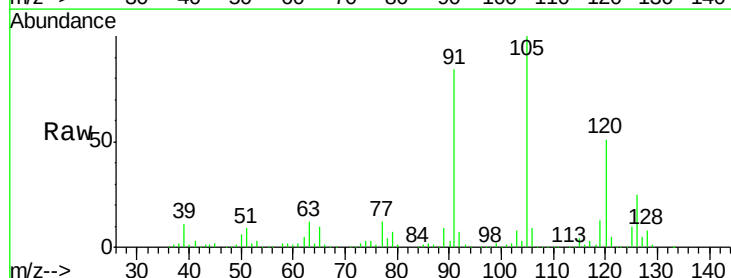
Instrument :
MSVOA_X
ClientSampleId :

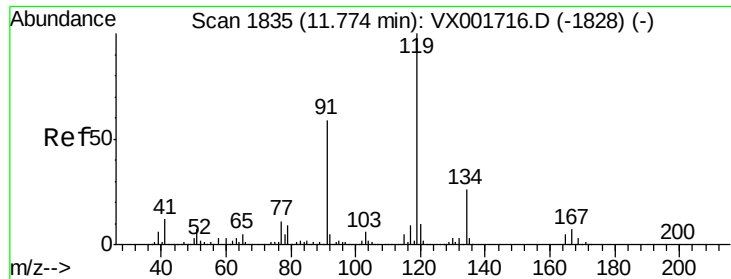
Tot Ion: 75 Resp: 19355
Ion Ratio Lower Upper
75 100
53 109.4 79.4 119.2
89 48.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.54 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 91 Resp: 203448
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

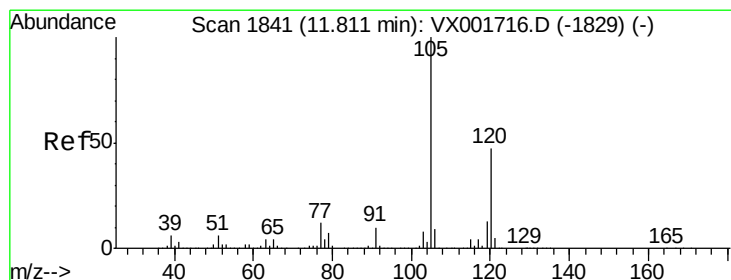
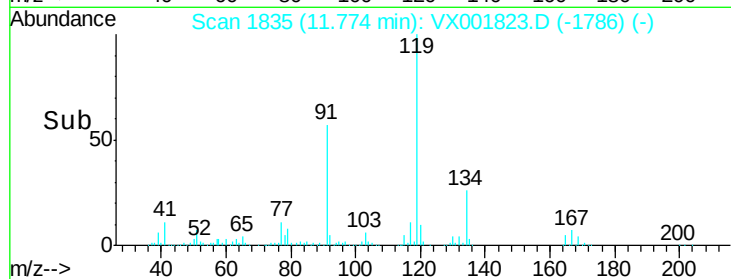
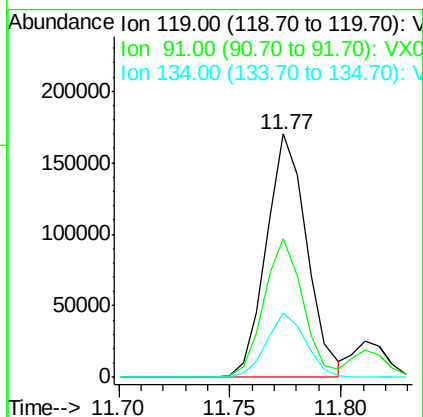
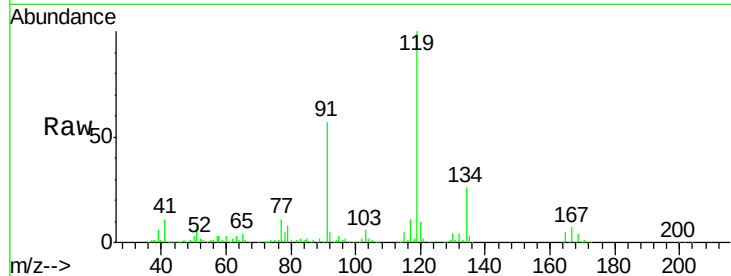




#83
 tert-Butylbenzene
 Concen: 19.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

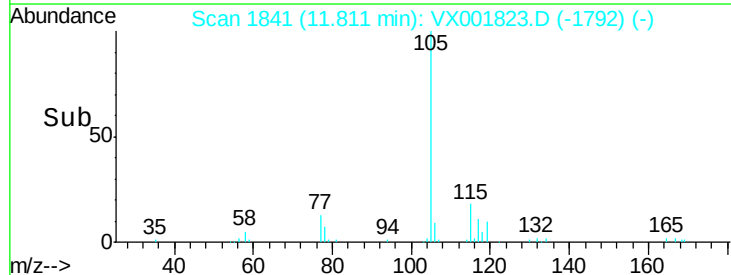
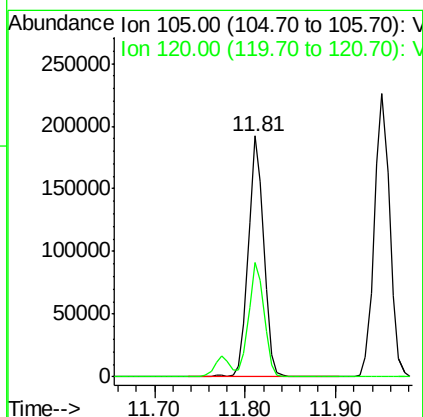
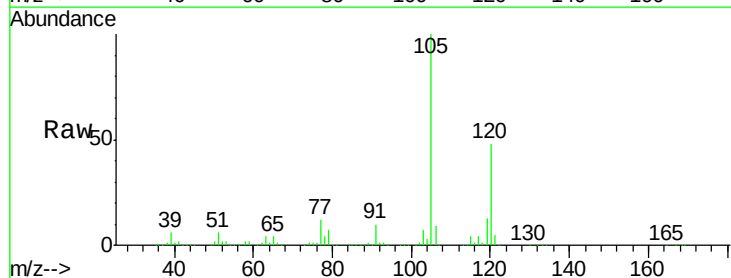
Instrument :
 MSVOA_X
 ClientSampleId :

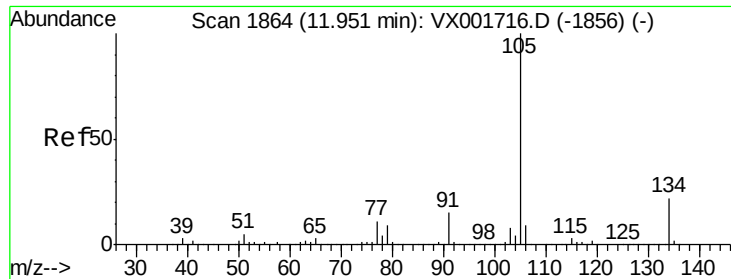
Tot Ion:119 Resp: 214809
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.7 83.0
 134 25.5 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion:105 Resp: 226890
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 19.08 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

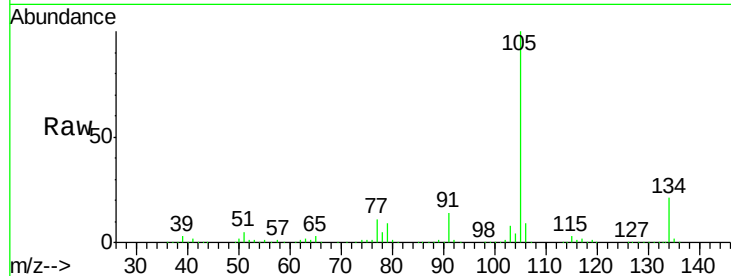
ClientSampled :

Tot Ion:105 Resp: 265949

Ion Ratio Lower Upper

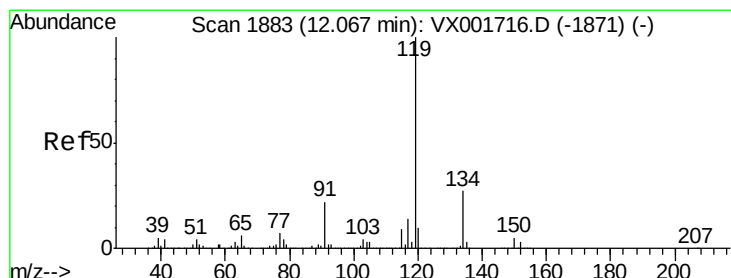
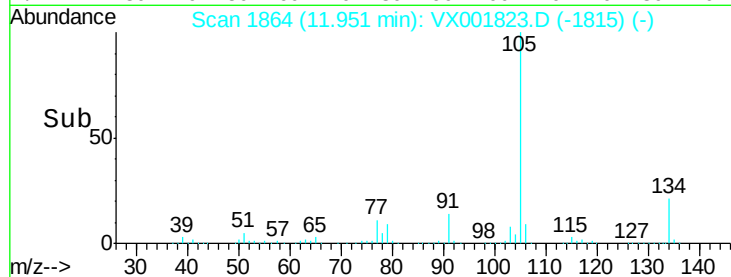
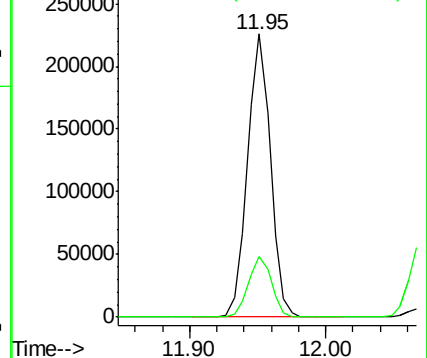
105 100

134 21.6 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.98 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

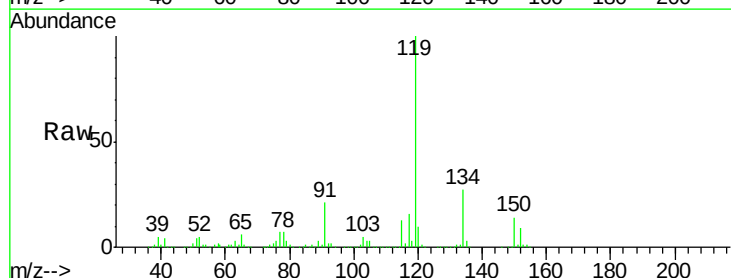
Tgt Ion:119 Resp: 244692

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

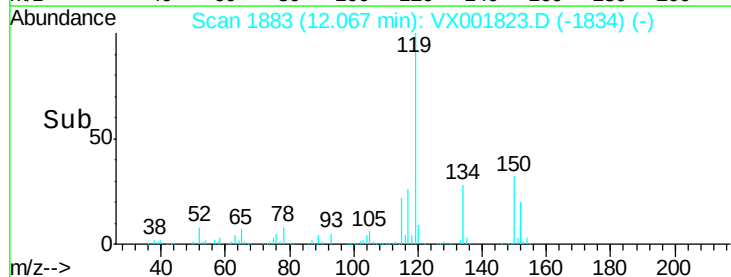
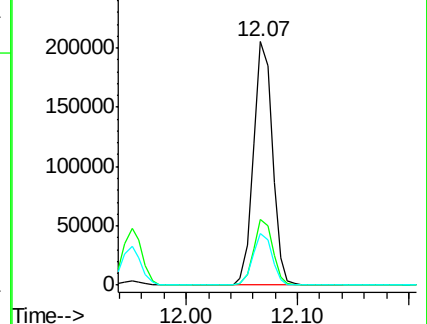
91 21.4 10.7 32.1

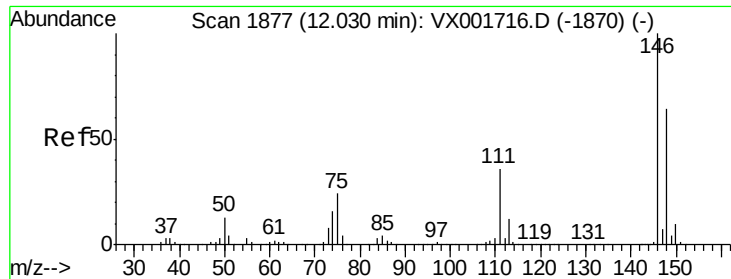


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

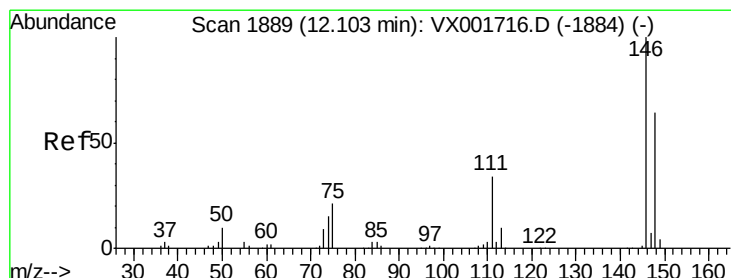
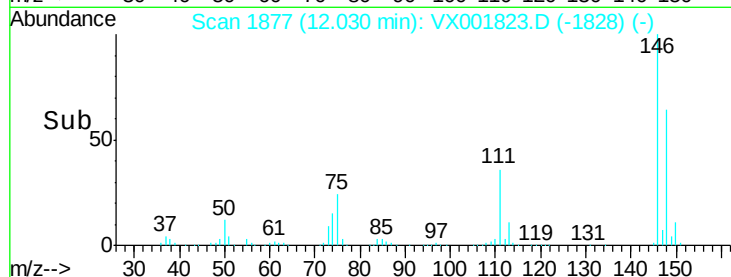
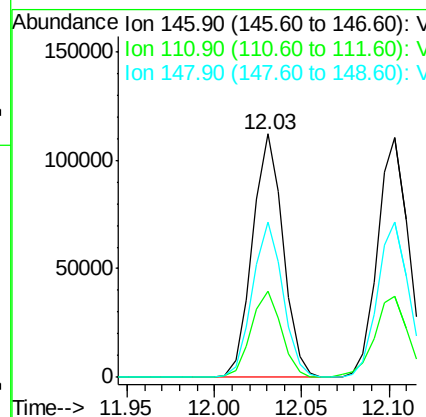
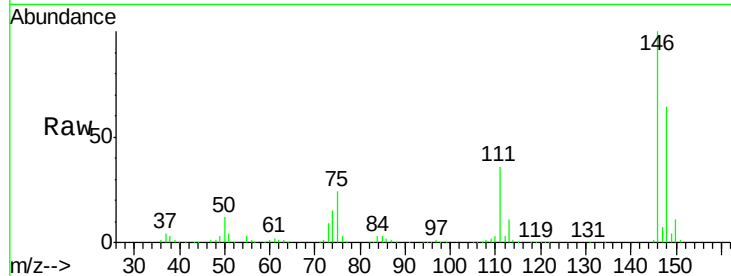




#87
 1,3-Dichlorobenzene
 Concen: 18.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

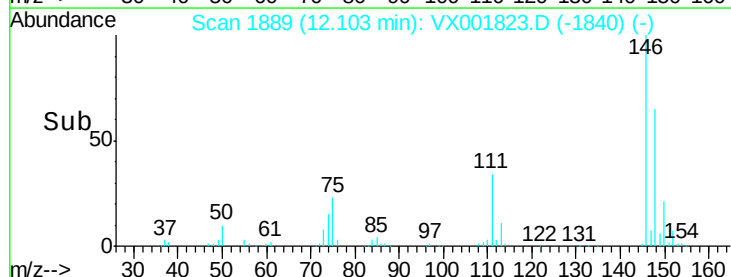
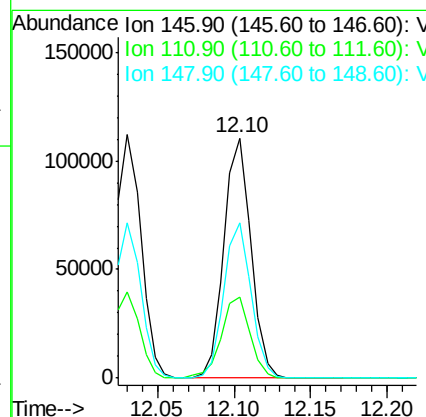
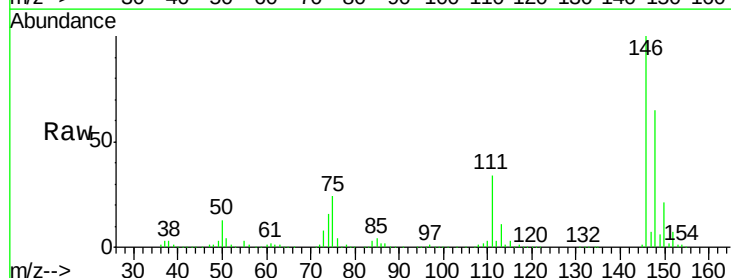
Instrument :
 MSVOA_X
 ClientSampled :

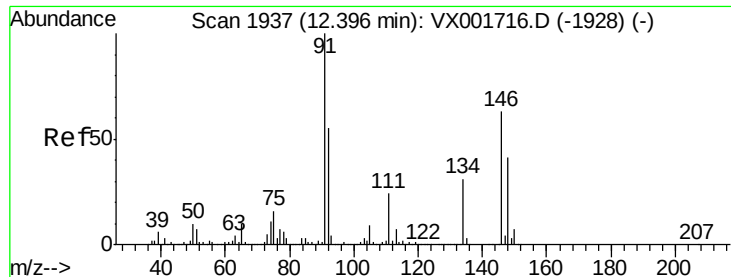
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.8	53.4
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.3	52.0
148	65.1	32.3	96.9

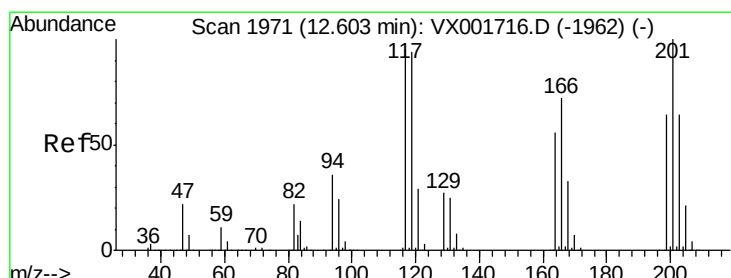
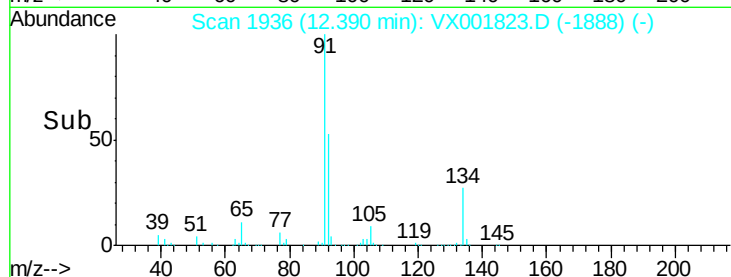
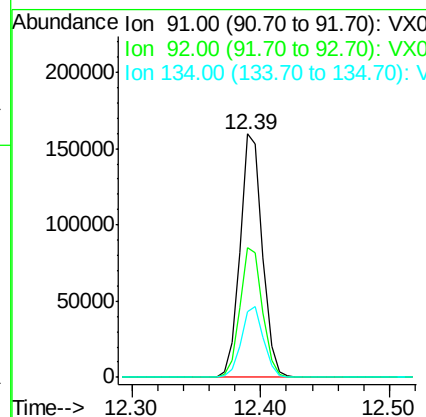
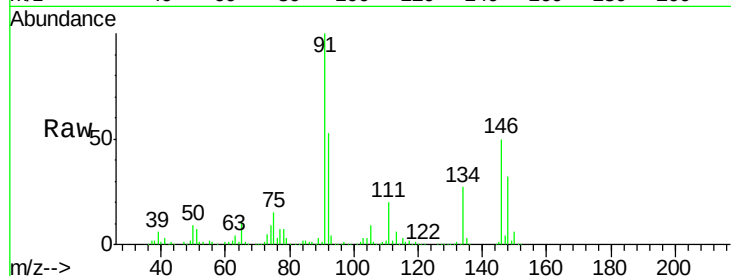




#89
n-Butylbenzene
Concen: 17.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

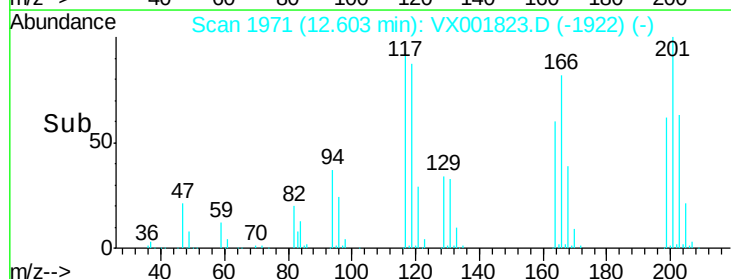
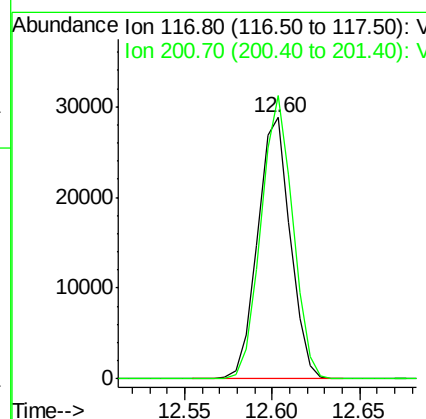
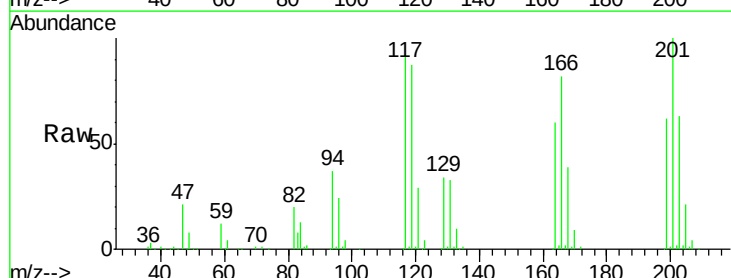
Instrument :
MSVOA_X
ClientSampleId :

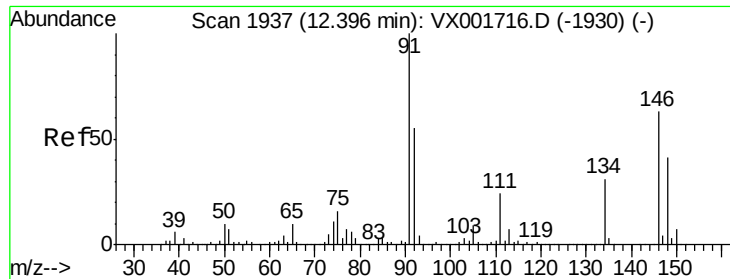
Tot Ion: 91 Resp: 192516
Ion Ratio Lower Upper
91 100
92 53.5 27.3 81.9
134 28.9 14.7 44.1



#90
Hexachloroethane
Concen: 18.64 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 117 Resp: 37327
Ion Ratio Lower Upper
117 100
201 105.2 51.9 155.7

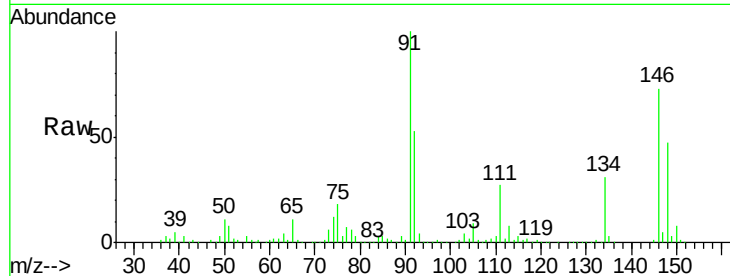




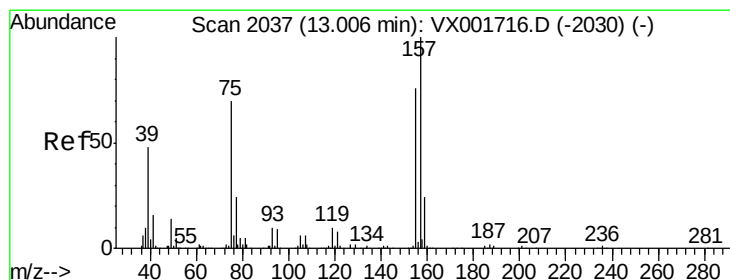
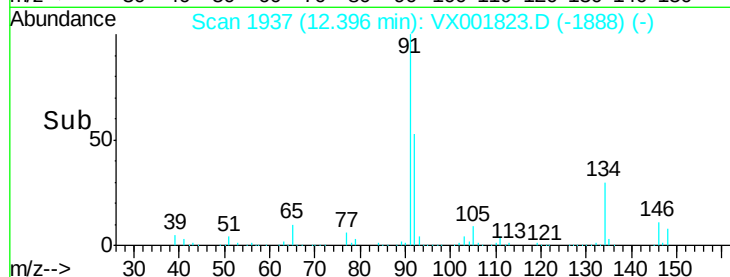
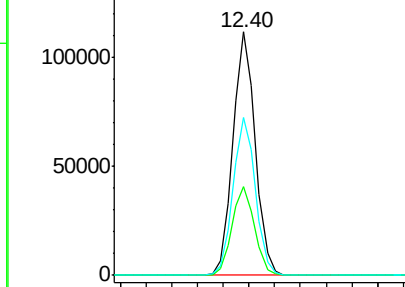
#91
 1,2-Dichlorobenzene
 Concen: 18.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 135720
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 56.0
 148 65.0 32.4 97.0

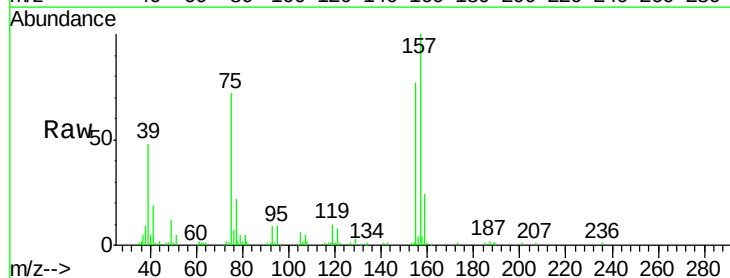


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

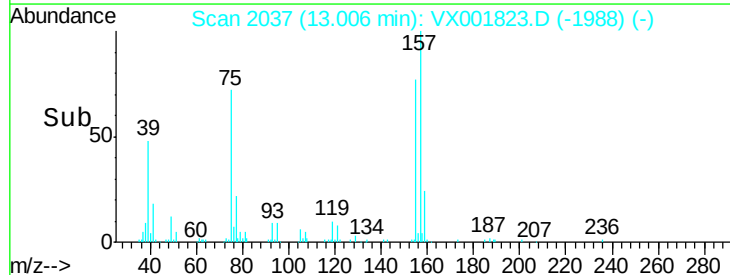
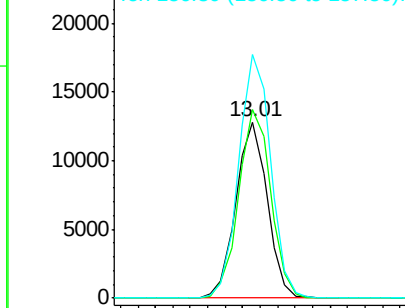


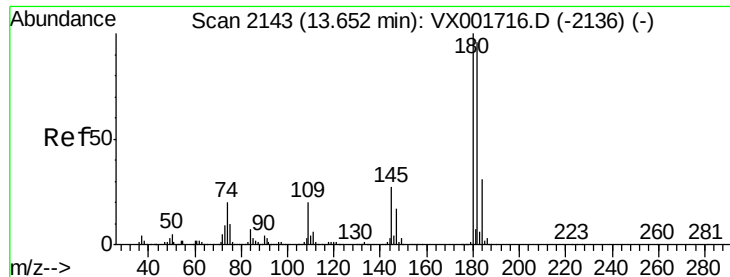
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.07 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 75 Resp: 15993
 Ion Ratio Lower Upper
 75 100
 155 109.3 53.9 161.8
 157 140.5 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

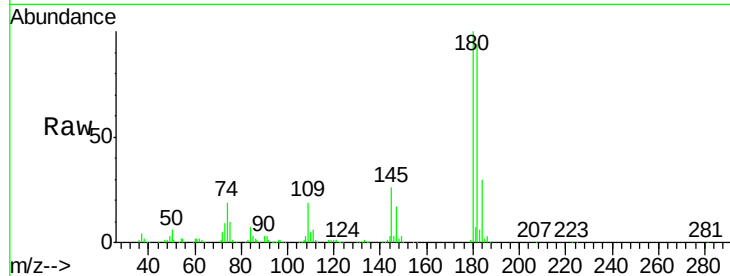




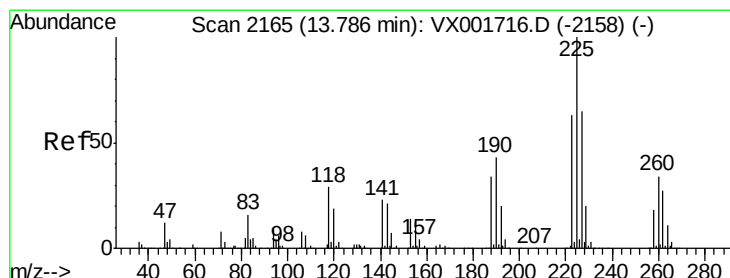
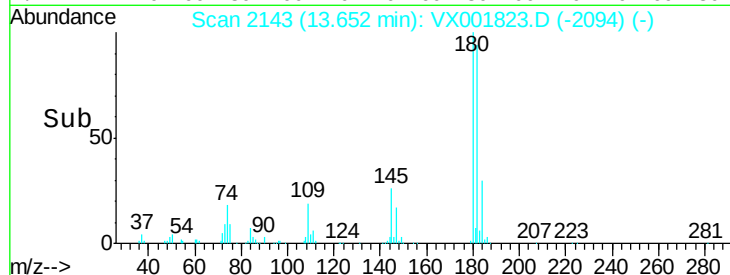
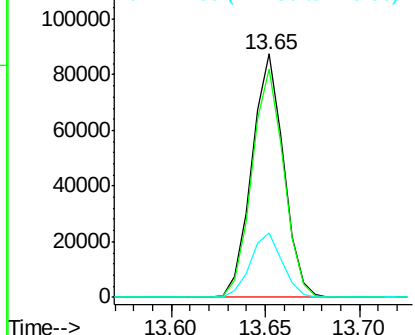
#93
 1,2,4-Trichlorobenzene
 Concen: 17.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.9
145	26.4	13.4	40.1

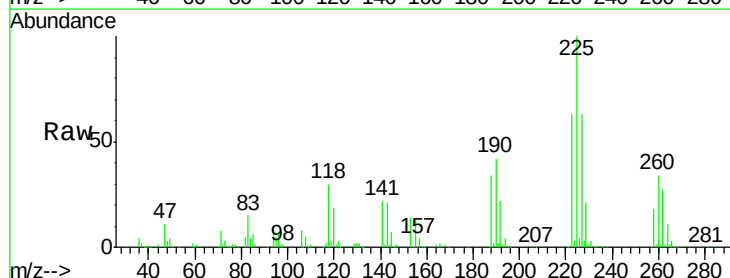


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

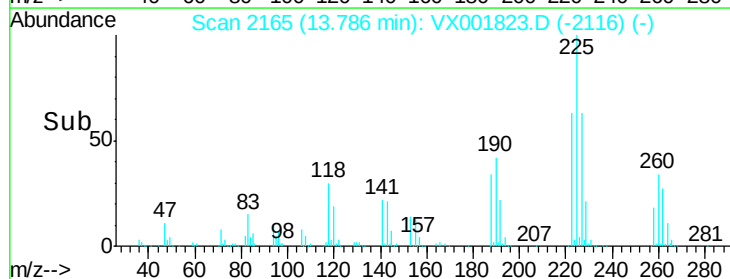
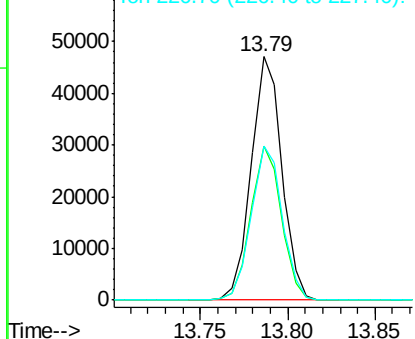


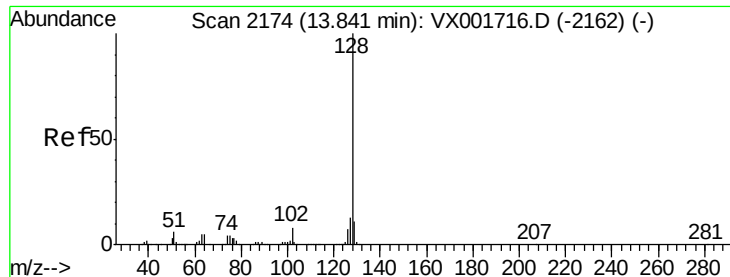
#94
 Hexachlorobutadiene
 Concen: 17.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.5
227	64.1	31.9	95.5



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: 17.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

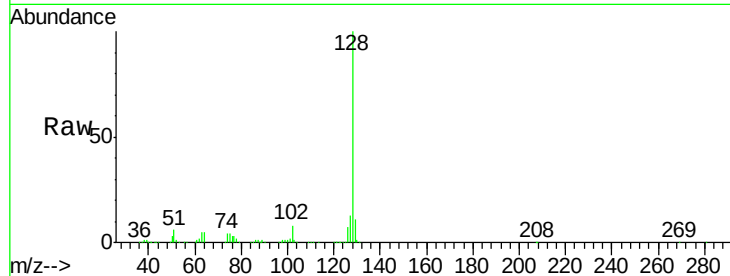
Tot Ion:128 Resp: 271779

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

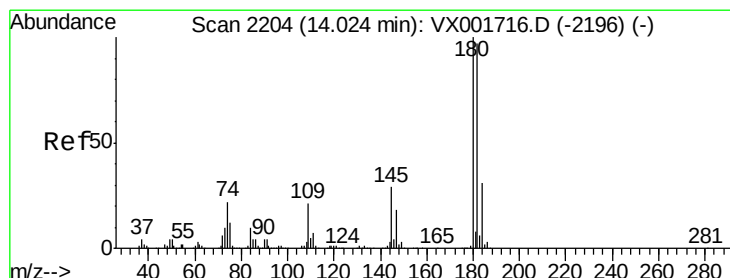
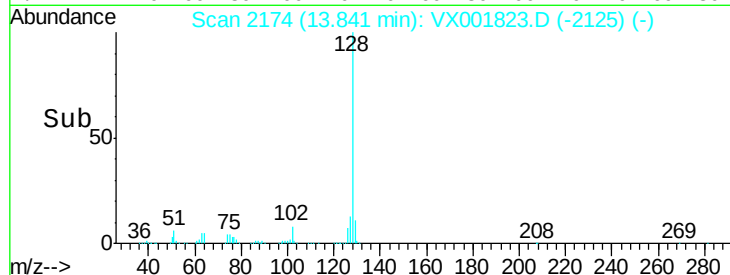
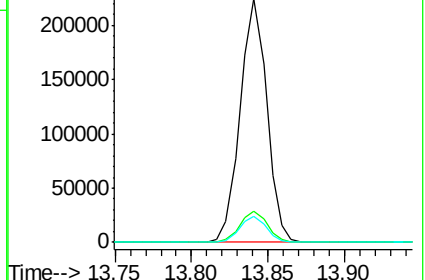
129 10.7 8.9 13.3



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: 17.51 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

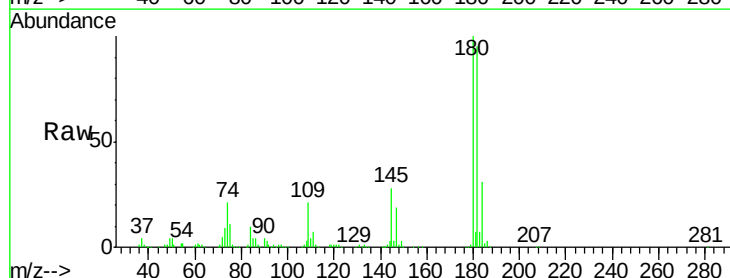
Tgt Ion:180 Resp: 105234

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 27.8 14.2 42.8



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

