

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001816.D
 Acq On : 18 May 2018 09:07
 Operator : JC/MD
 Sample : VX0517WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Quant Time: May 18 09:26:29 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 07:23:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	63400	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	318512	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	255274	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	120883	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	11.14	95	118143	31.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.77%
63) Toluene-d8	8.72	98	396054	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	62098	35.51	ug/l	96
3) Chloromethane	1.32	50	75344	22.60	ug/l	96
4) Vinyl Chloride	1.40	62	75808	26.18	ug/l	100
5) Bromomethane	1.64	94	45279	25.26	ug/l	96
6) Chloroethane	1.73	64	48112	22.37	ug/l	98
7) Trichlorofluoromethane	1.93	101	102766	31.81	ug/l	99
8) Diethyl Ether	2.19	74	44570	19.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60573	33.17	ug/l	99
10) 1,1-Dichloroethene	2.37	96	59228	26.48	ug/l	99
11) Methyl Iodide	2.51	142	76016	21.50	ug/l	98
12) Methyl Acetate	2.78	43	107836	19.84	ug/l	100
13) Acrolein	2.30	56	56895	87.70	ug/l	99
14) Acrylonitrile	3.15	53	200407	96.84	ug/l	99
15) Acetone	2.45	58	55991	99.09	ug/l	99
16) Carbon Disulfide	2.57	76	143845	25.71	ug/l	99
17) Allyl chloride	2.73	41	107120	21.43	ug/l	98
18) Methylene Chloride	2.86	84	69483	20.19	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	63941	23.18	ug/l	95
20) Diisopropyl ether	3.88	45	224032	20.59	ug/l	97
21) 1,1-Dichloroethane	3.70	63	120933	21.70	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	76950	21.50	ug/l	100
23) tert-Butyl Alcohol	3.08	59	85502	99.37	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	210135	19.74	ug/l	100
25) Chloroform	5.22	83	127176	21.41	ug/l	99
26) Cyclohexane	5.58	56	105463	34.76	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	89711	24.83	ug/l	100
30) 2-Butanone	4.71	43	282523	86.70	ug/l	99
31) 2,2-Dichloropropane	4.59	77	39303	17.21	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	106649	22.27	ug/l	99
33) Carbon Tetrachloride	5.79	117	94669	24.76	ug/l	96
34) Benzene	6.15	78	286538	19.86	ug/l	99
35) Methacrylonitrile	5.07	41	59910	17.28	ug/l	99
36) 1,2-Dichloroethane	6.20	62	99933	17.72	ug/l	99
37) Trichloroethene	7.22	130	85277	21.62	ug/l	93
38) Methylcyclohexane	7.46	83	102954	30.90	ug/l	97
39) 1,2-Dichloropropane	7.52	63	71806	18.67	ug/l	99
40) Dibromomethane	7.67	93	48359	17.54	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	88751	18.28	ug/l	97
42) Vinyl Acetate	3.83	43	727168	82.36	ug/l	100
43) Ethyl Acetate	4.87	43	102701	16.54	ug/l	98
44) Isopropyl Acetate	6.48	43	152377	16.92	ug/l	99
45) 1,4-Dioxane	7.76	88	39957	362.87	ug/l	95
46) Methyl methacrylate	7.79	41	83521	17.63	ug/l	99
47) n-amyl Acetate	10.90	43	113302	18.18	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	92814	18.17	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	77966	17.44	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	65858	17.39	ug/l	98
51) Ethyl methacrylate	9.19	69	91156	17.71	ug/l	98
52) 1,3-Dichloropropane	9.38	76	106197	17.68	ug/l	99
53) Dibromochloromethane	9.59	129	65810	17.88	ug/l	99
54) 1,2-Dibromoethane	9.68	107	68392	17.82	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	266663	88.70	ug/l	100
56) Bromoform	10.87	173	52323	17.39	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	542296	84.98	ug/l	100
59) 2-Hexanone	9.51	43	354391	84.66	ug/l	100
61) Tetrachloroethene	9.34	164	89131	23.71	ug/l	99
62) Toluene	8.79	91	312993	21.24	ug/l	100
64) Chlorobenzene	10.15	112	178423	20.67	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	65445	18.79	ug/l	99
66) Ethyl Benzene	10.26	91	286701	23.40	ug/l	100
67) m/p-Xylenes	10.37	106	228429	46.63	ug/l	98
68) o-Xylene	10.71	106	111468	22.11	ug/l	100
69) Styrene	10.72	104	183149	21.79	ug/l	99
70) Isopropylbenzene	11.02	105	296268	25.05	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	90014	16.74	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	99926	19.53	ug/l	90
73) Bromobenzene	11.26	156	85181	20.31	ug/l	99
74) n-propylbenzene	11.37	91	322351	26.18	ug/l	99
75) 2-Chlorotoluene	11.43	91	198938	23.46	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	243348	24.74	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	18079	16.56	ug/l	93
78) 4-Chlorotoluene	11.52	91	220722	23.60	ug/l	99
79) tert-butylbenzene	12.07	119	263477	27.14	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	251122	24.71	ug/l	100
81) sec-Butylbenzene	11.95	105	288813	27.11	ug/l	100
82) p-Isopropyltoluene	12.07	119	263477	27.14	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	149320	22.85	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	146928	22.64	ug/l	99
85) n-Butylbenzene	12.40	91	193166	27.41	ug/l	99
86) Hexachloroethane	12.60	117	41853	25.87	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	153574	21.66	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19582	17.18	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	104993	23.49	ug/l	98
90) Hexachlorobutadiene	13.79	225	58686	26.80	ug/l	98
91) Naphthalene	13.84	128	317391	20.39	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	115592	22.99	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 07:23:20 2018
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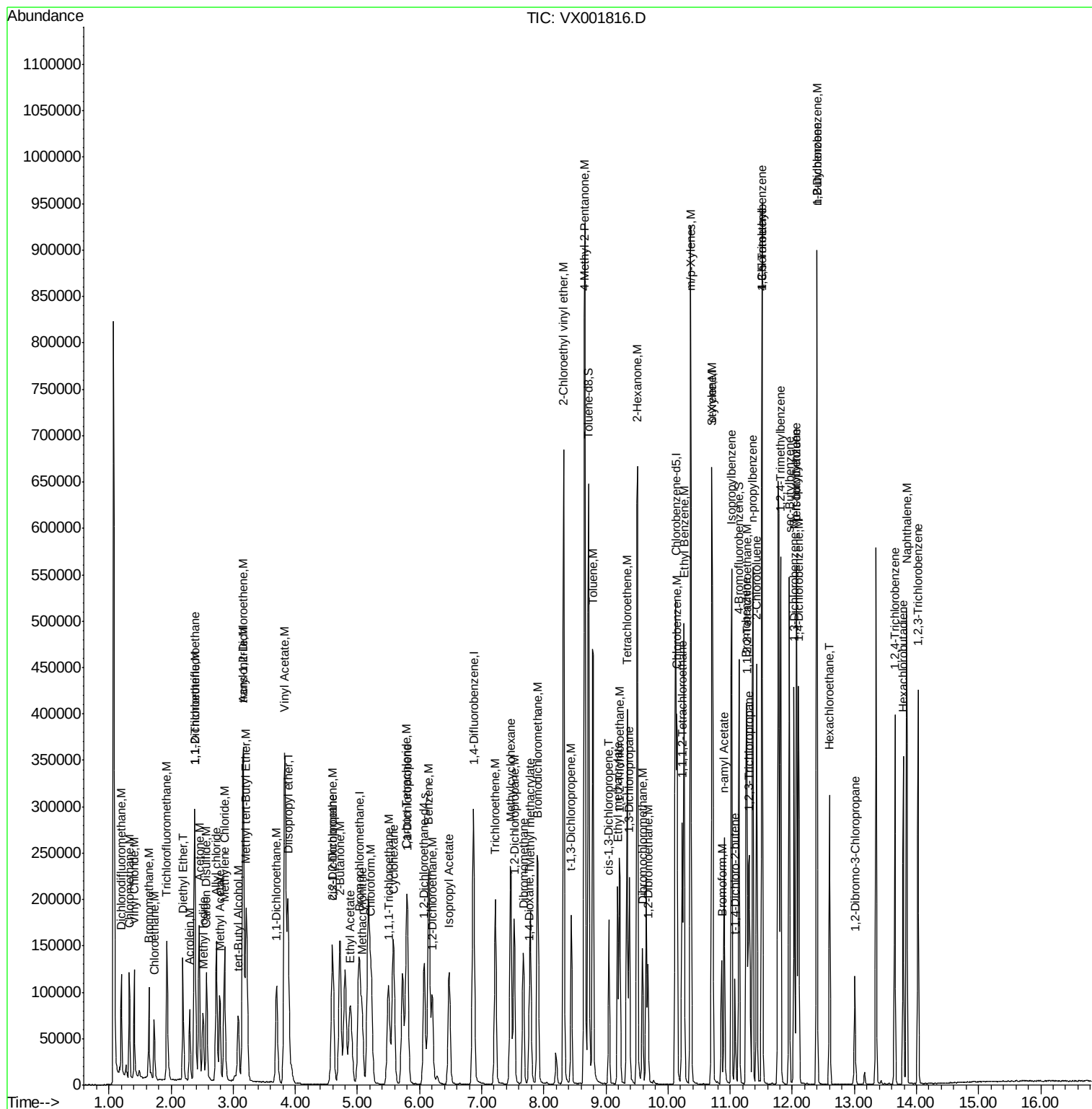
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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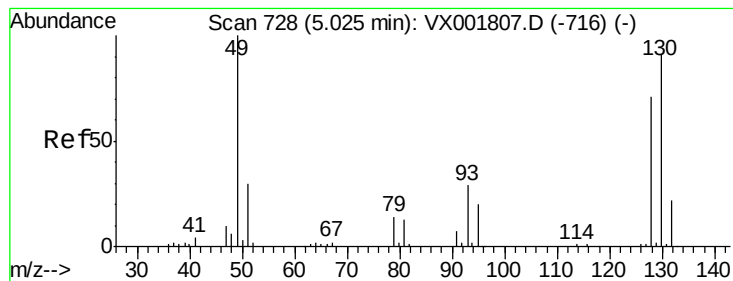
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
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Instrument :
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ClientSampleId :
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Quant Time: May 18 09:26:29 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 07:23:20 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

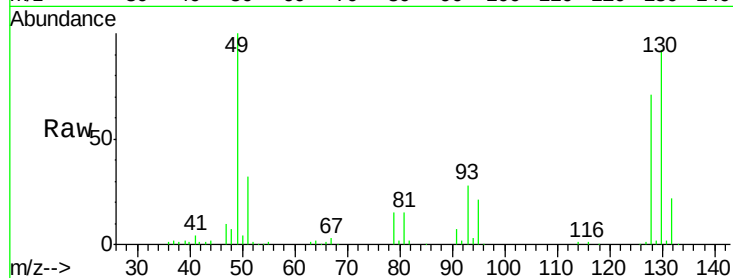
Tot Ion:128 Resp: 63400

Ion Ratio Lower Upper

128 100

49 139.5 0.0 352.3

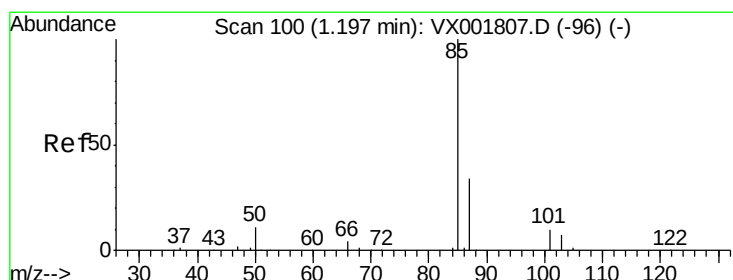
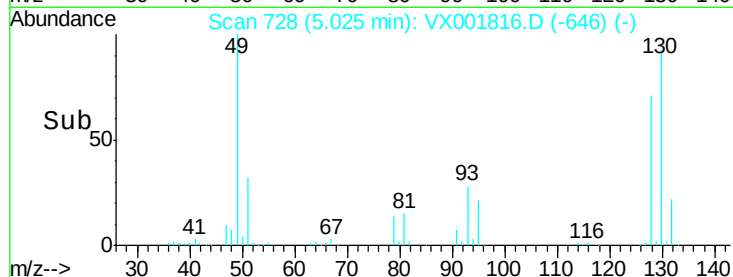
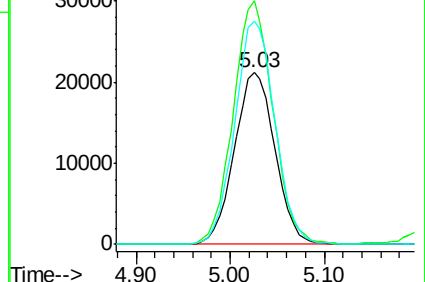
130 128.6 0.0 323.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 35.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001816.D

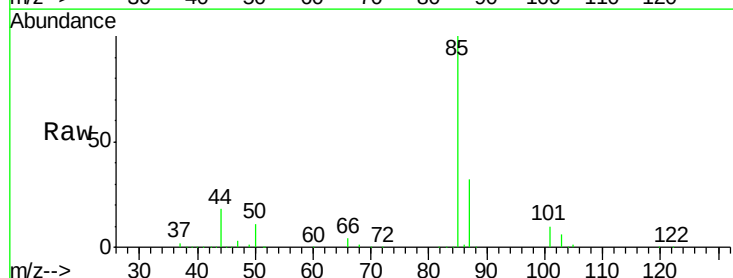
Acq: 18 May 2018 09:07

Tgt Ion: 85 Resp: 62098

Ion Ratio Lower Upper

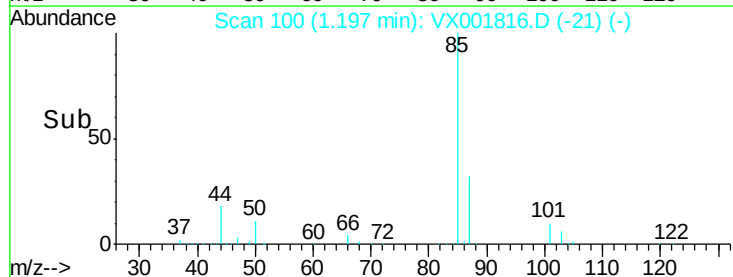
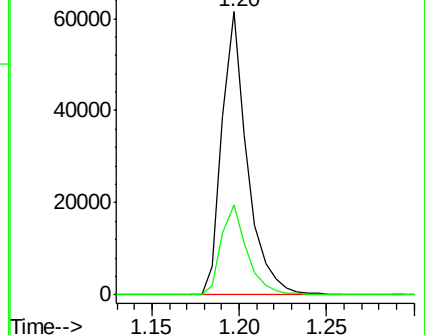
85 100

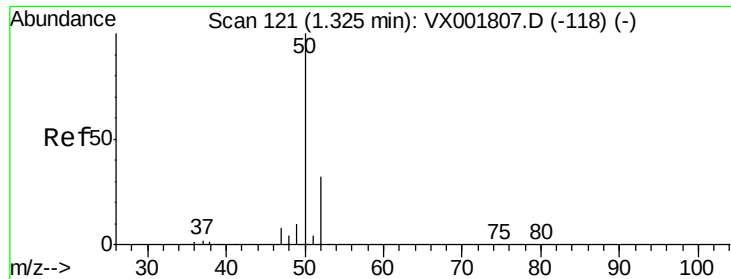
87 31.7 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

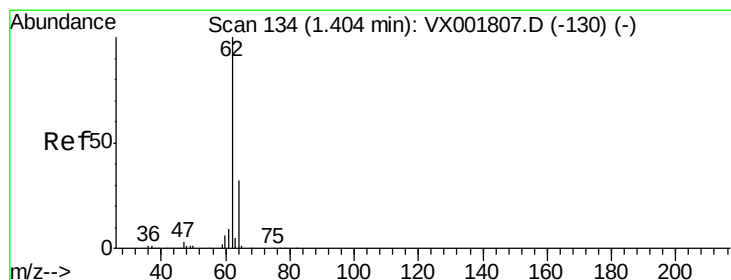
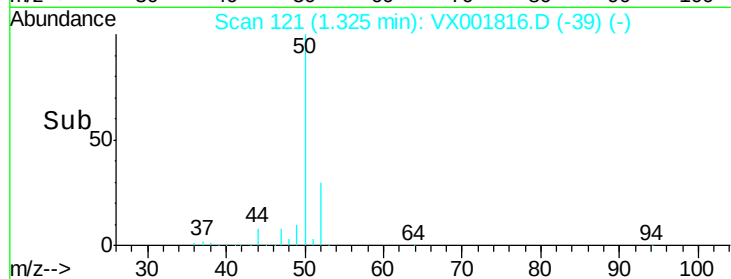
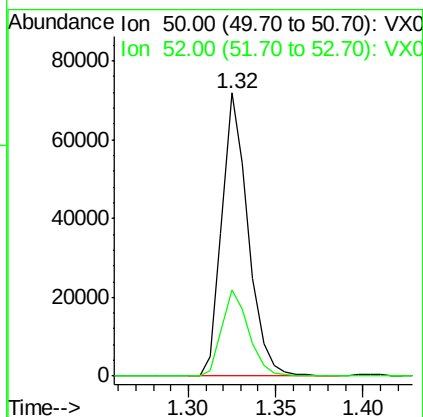
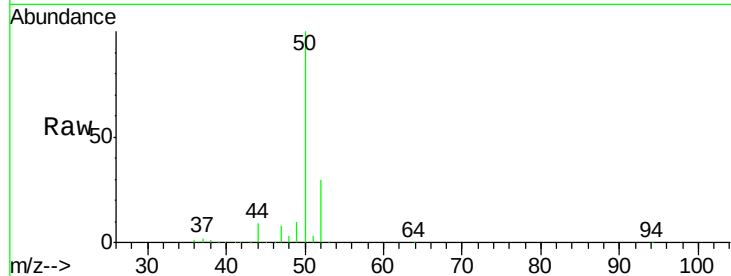




#3
Chloromethane
Concen: 22.60 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

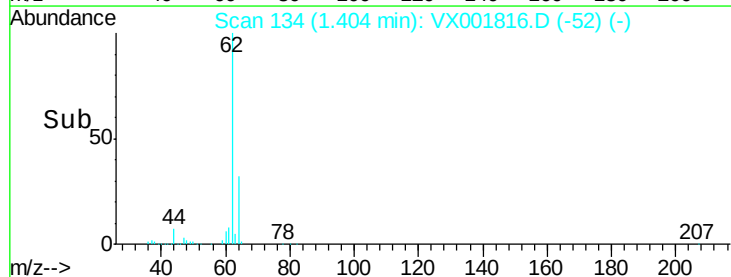
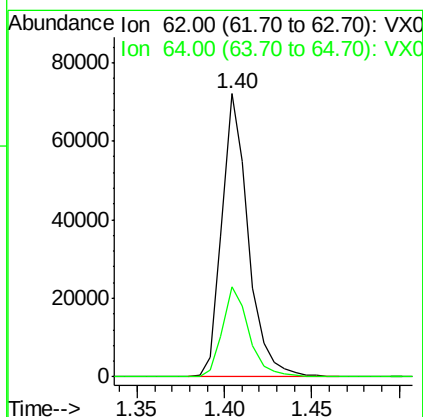
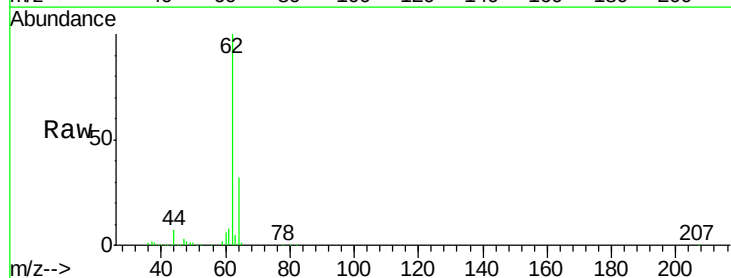
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

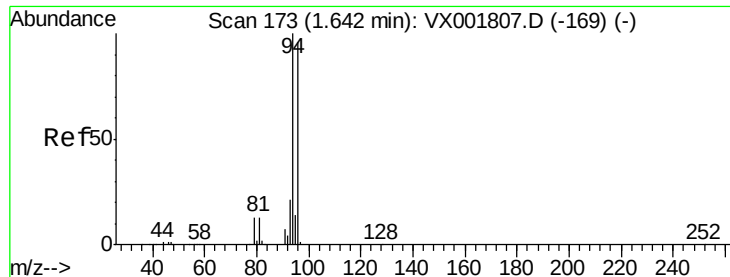
Tot Ion: 50 Resp: 75344
Ion Ratio Lower Upper
50 100
52 30.5 26.0 39.0



#4
Vinyl Chloride
Concen: 26.18 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 62 Resp: 75808
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5

Bromomethane

Concen: 25.26 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

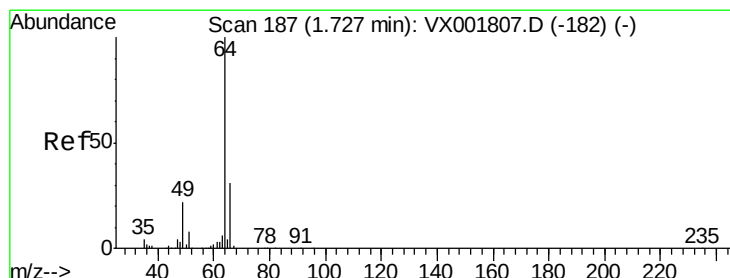
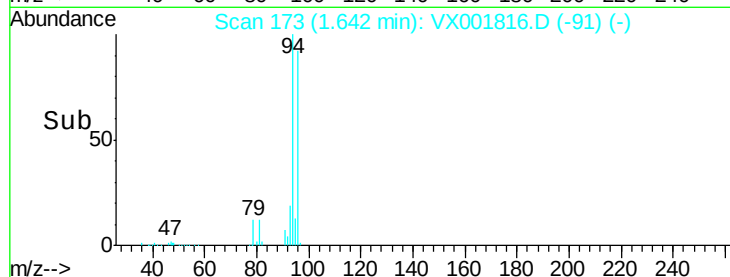
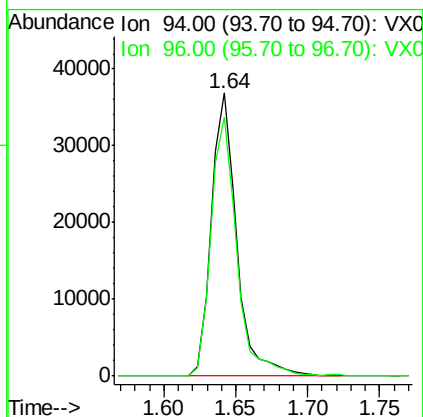
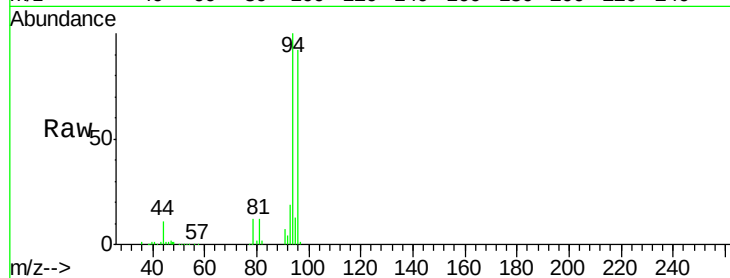
VX0518WBS01

Tot Ion: 94 Resp: 45279

Ion Ratio Lower Upper

94 100

96 91.5 76.6 115.0



#6

Chloroethane

Concen: 22.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001816.D

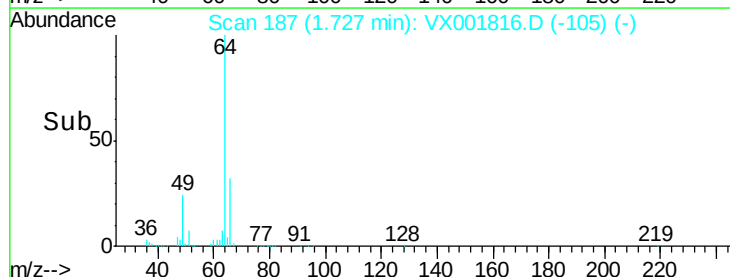
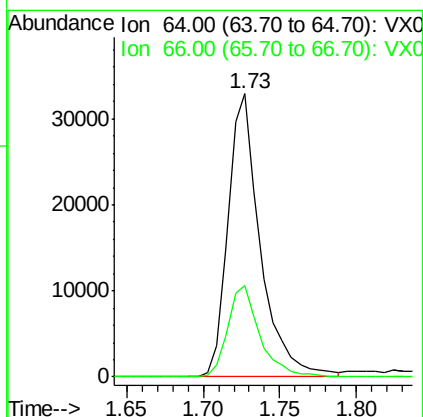
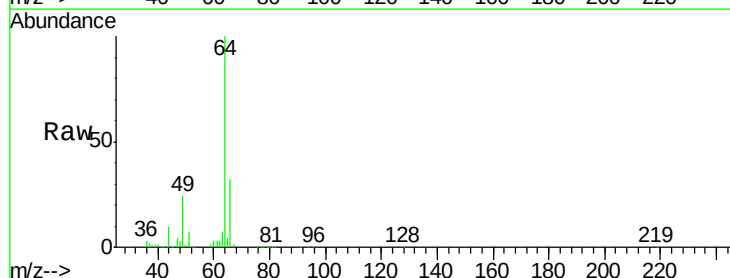
Acq: 18 May 2018 09:07

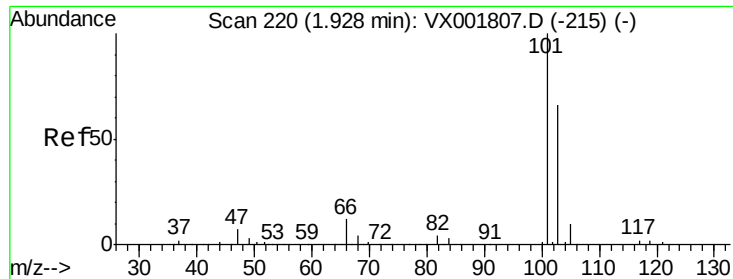
Tgt Ion: 64 Resp: 48112

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



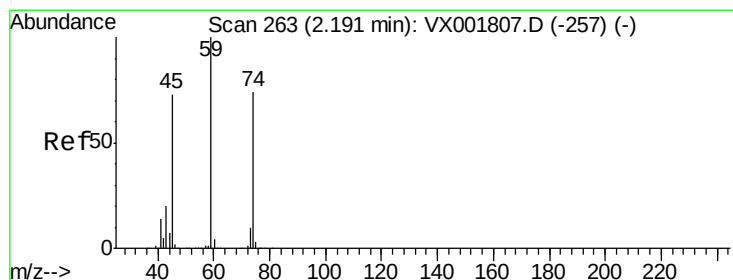
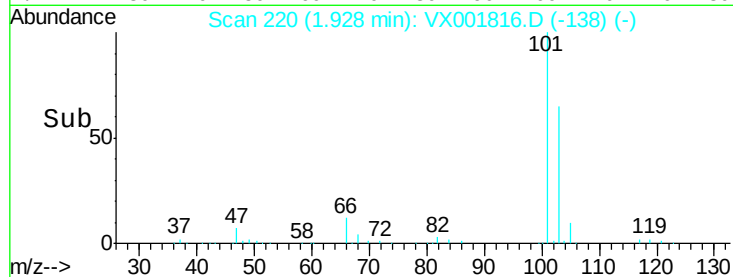
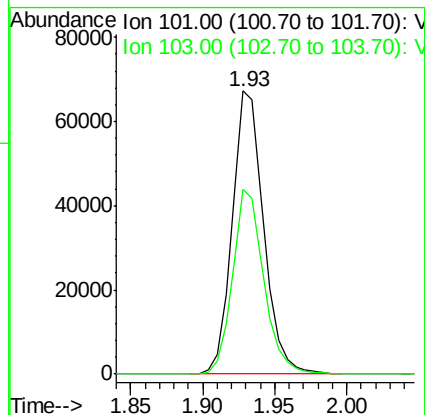
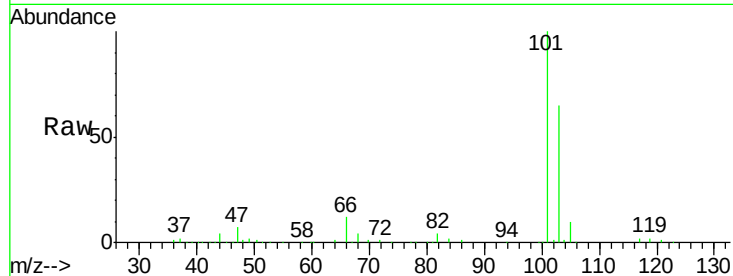


#7

Trichlorofluoromethane
Concen: 31.81 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

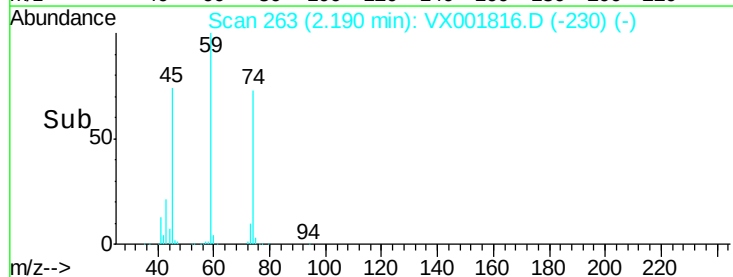
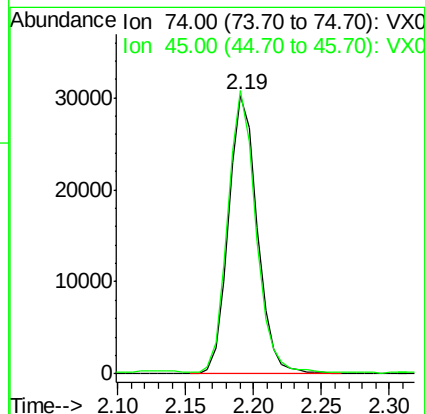
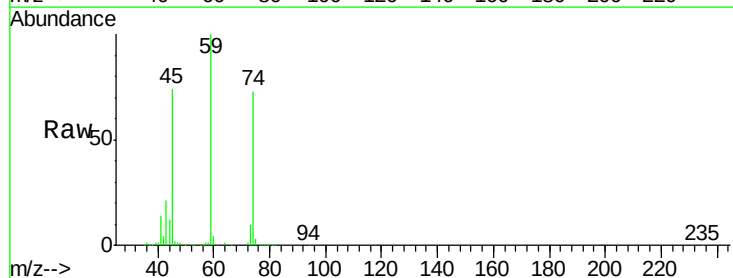
Tot Ion:101 Resp: 102766
Ion Ratio Lower Upper
101 100
103 65.2 52.9 79.3

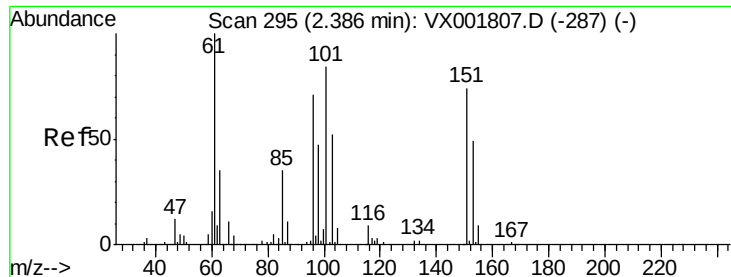


#8

Diethyl Ether
Concen: 19.63 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 74 Resp: 44570
Ion Ratio Lower Upper
74 100
45 99.9 19.8 178.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

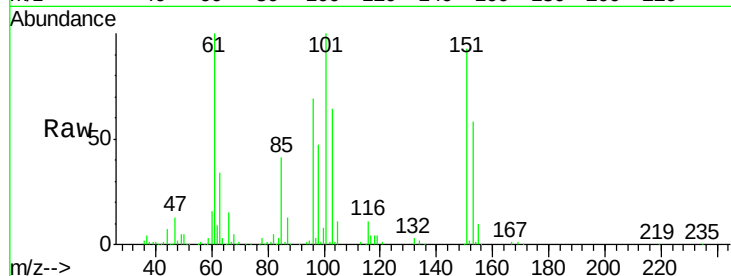
Tot Ion:101 Resp: 60573

Ion Ratio Lower Upper

101 100

85 40.9 0.0 83.0

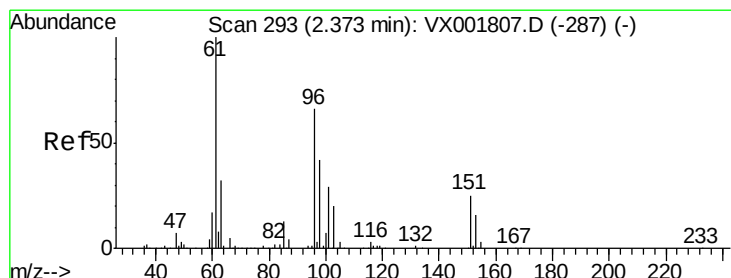
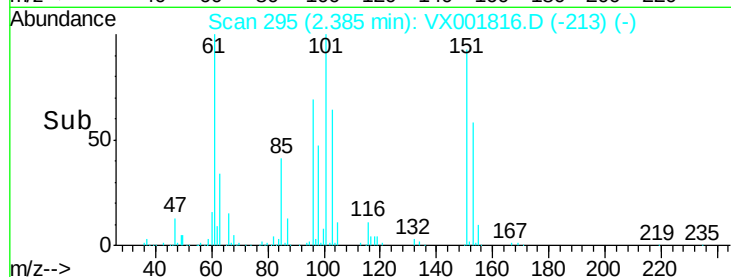
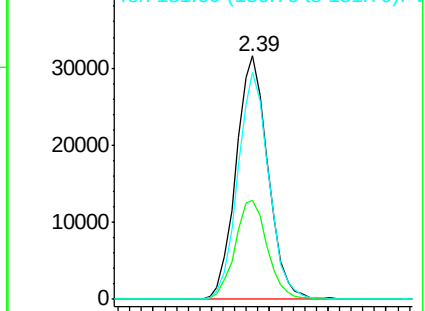
151 90.4 0.0 182.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 26.48 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

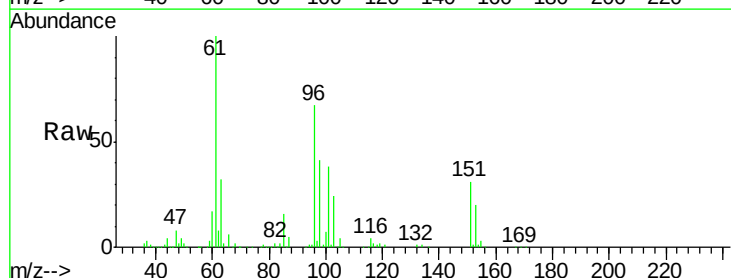
Tgt Ion: 96 Resp: 59228

Ion Ratio Lower Upper

96 100

61 149.4 120.9 181.3

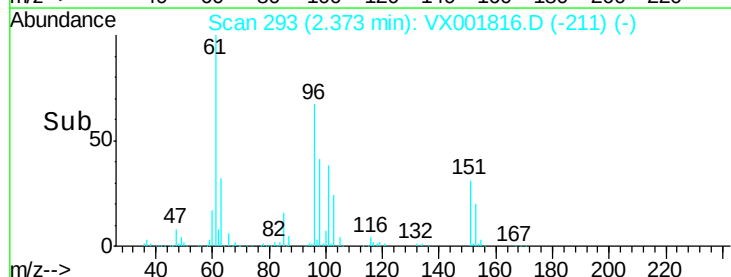
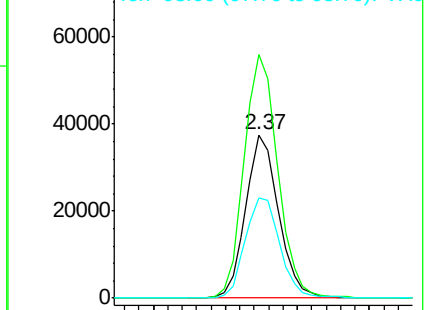
98 61.6 50.2 75.4

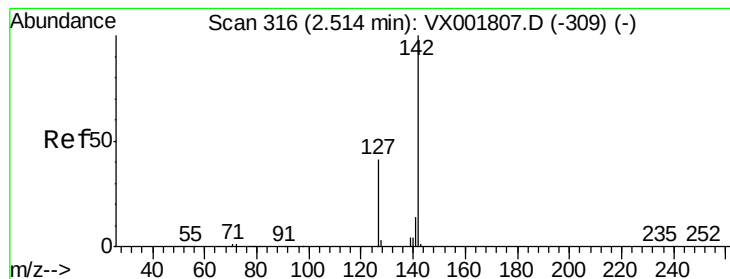


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 21.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

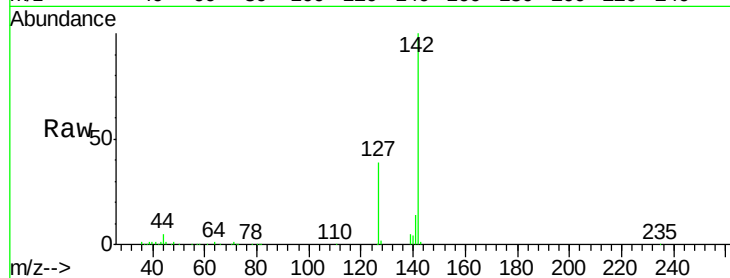
Tot Ion:142 Resp: 76016

Ion Ratio Lower Upper

142 100

127 39.4 20.3 61.0

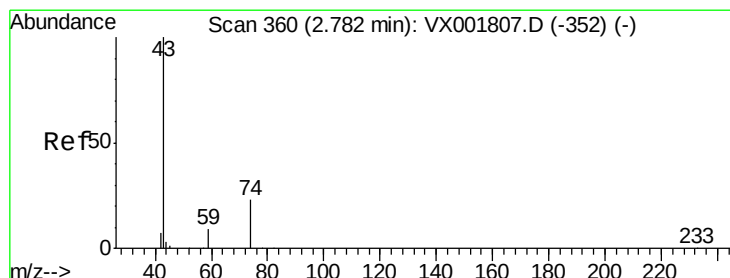
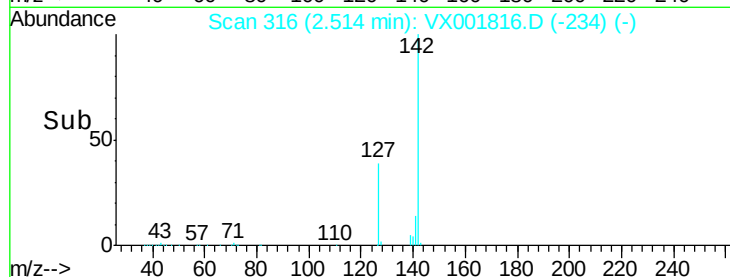
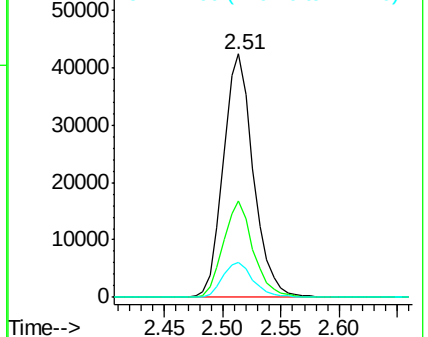
141 14.4 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.84 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001816.D

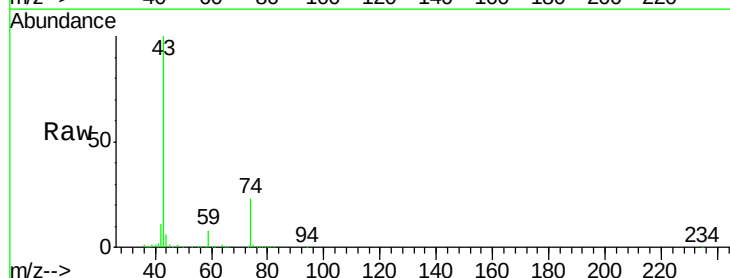
Acq: 18 May 2018 09:07

Tgt Ion: 43 Resp: 107836

Ion Ratio Lower Upper

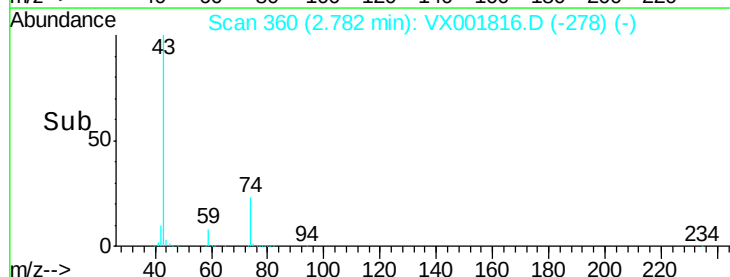
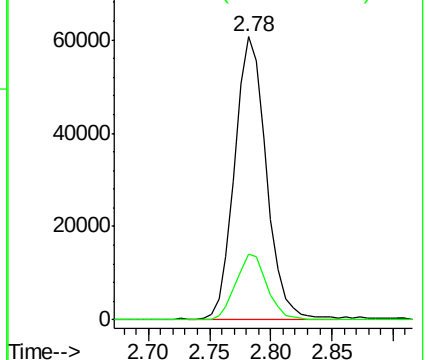
43 100

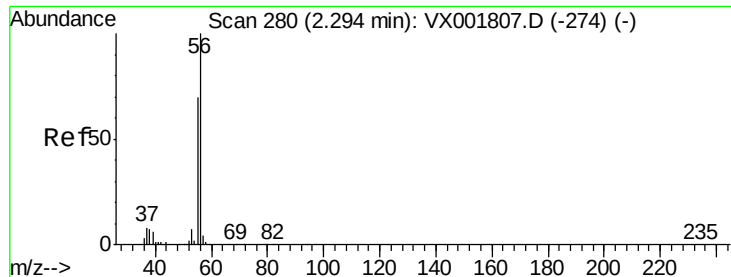
74 22.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 87.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

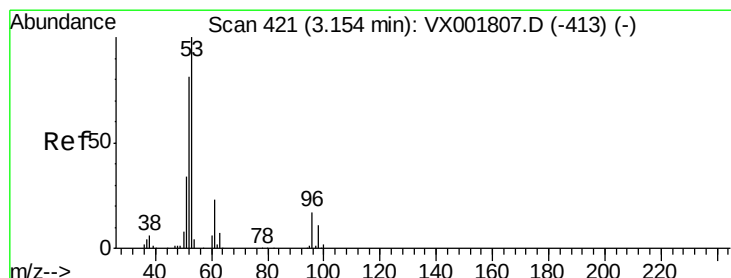
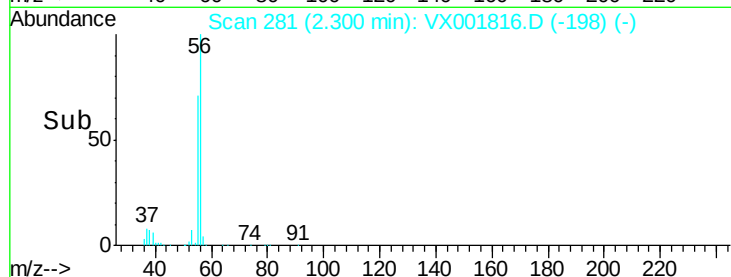
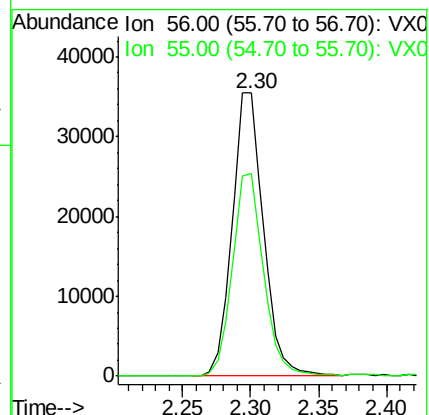
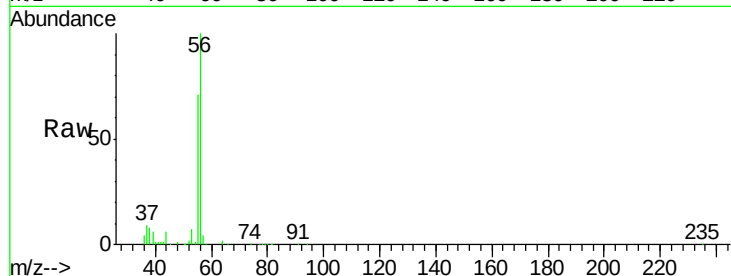
VX0518WBS01

Tot Ion: 56 Resp: 56895

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Acrylonitrile

Concen: 96.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

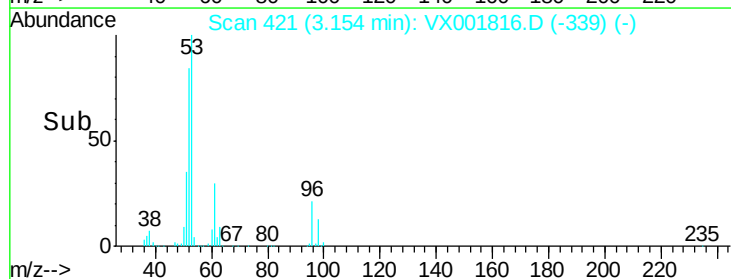
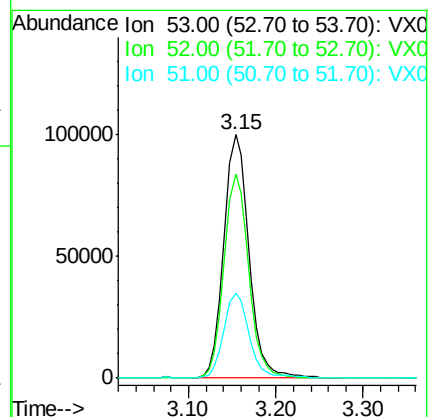
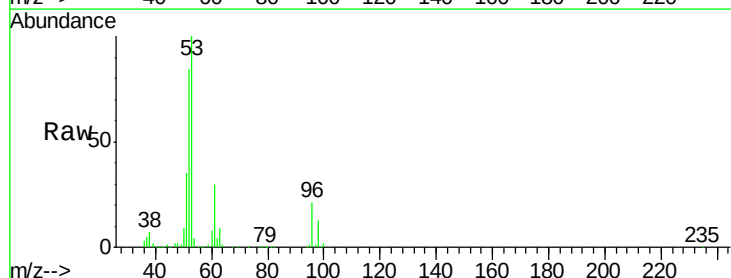
Tgt Ion: 53 Resp: 200407

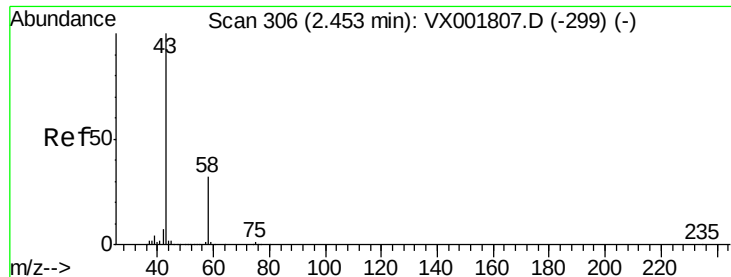
Ion Ratio Lower Upper

53 100

52 82.1 40.7 122.1

51 34.1 17.4 52.3





#15

Acetone

Concen: 99.09 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

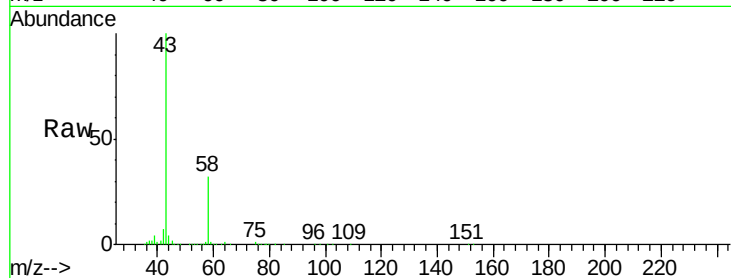
VX0518WBS01

Tot Ion: 58 Resp: 55991

Ion Ratio Lower Upper

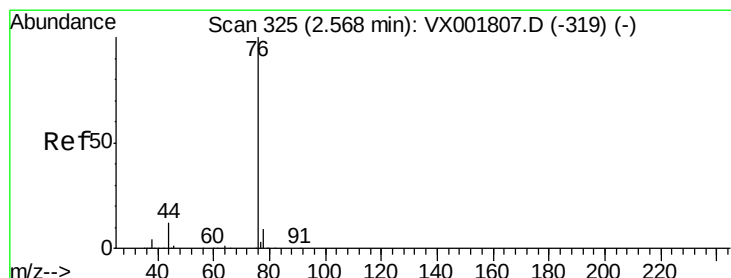
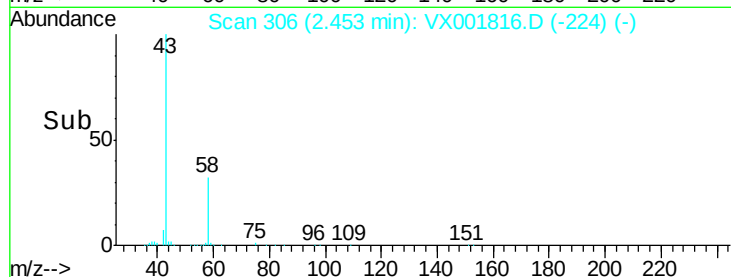
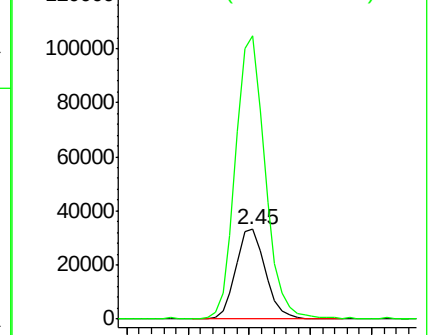
58 100

43 313.9 252.1 378.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 25.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001816.D

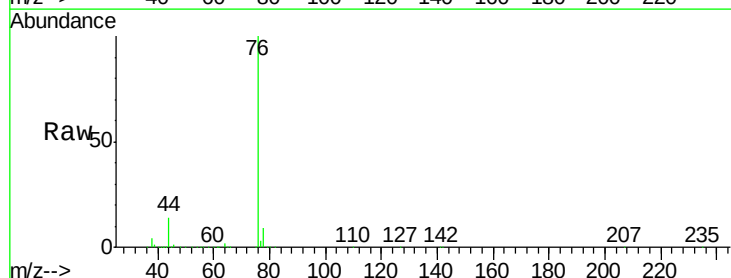
Acq: 18 May 2018 09:07

Tgt Ion: 76 Resp: 143845

Ion Ratio Lower Upper

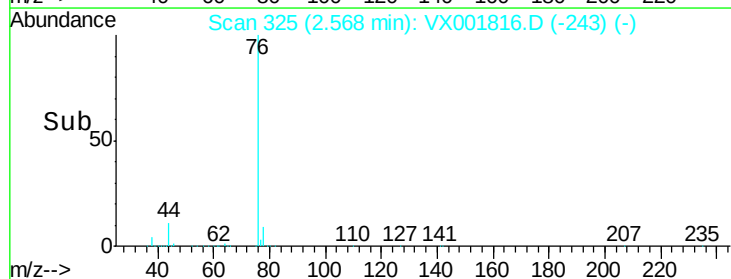
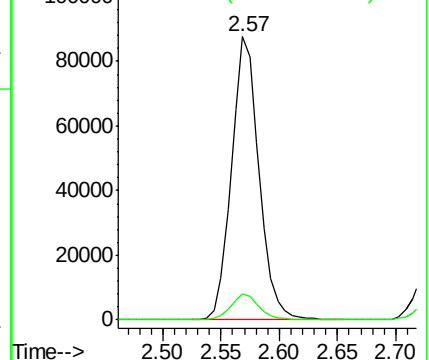
76 100

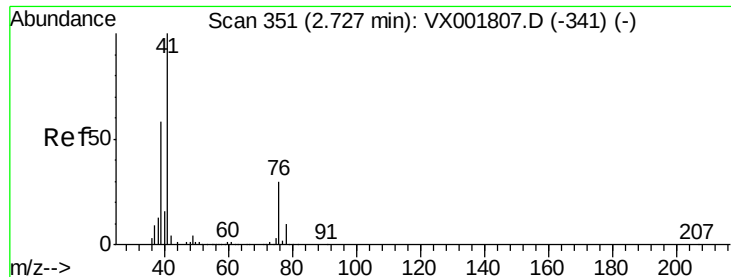
78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

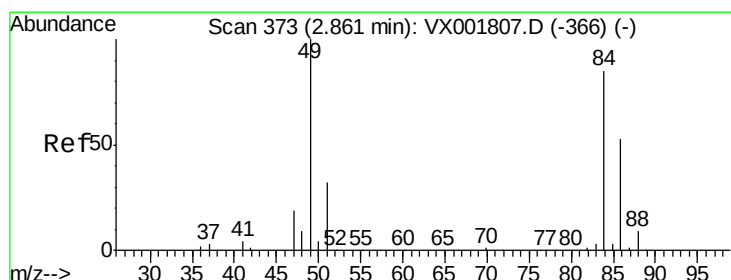
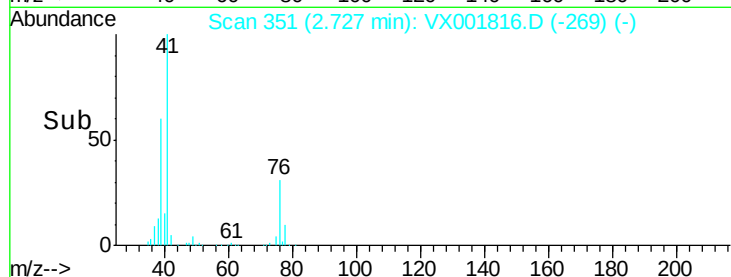
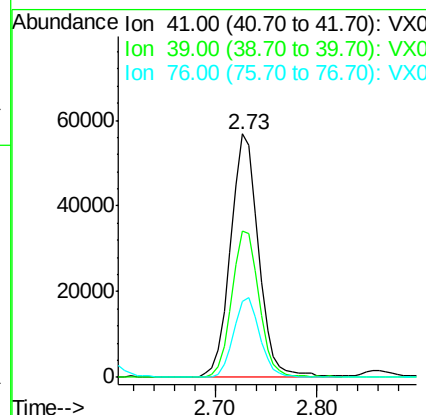
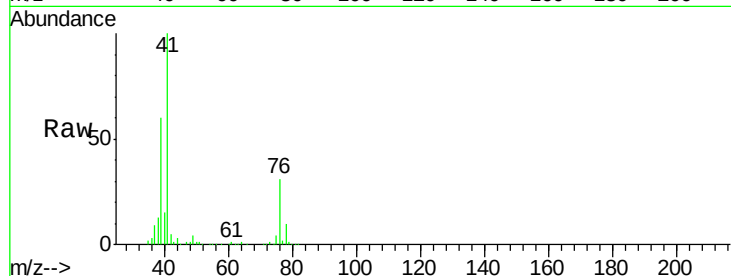




#17
Allvl chloride
Concen: 21.43 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

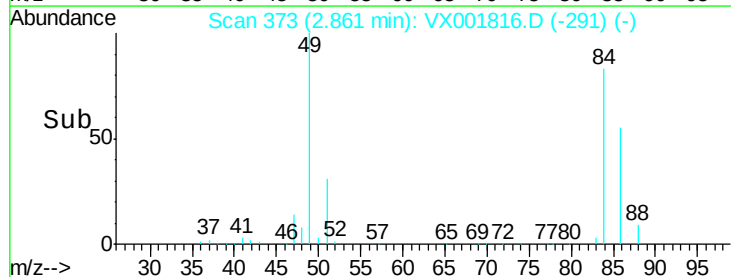
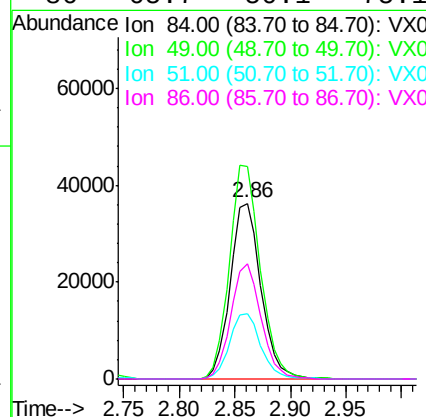
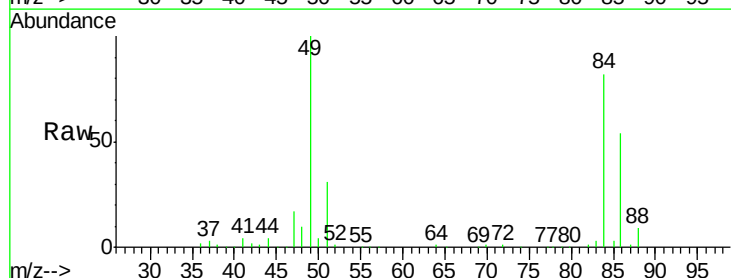
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

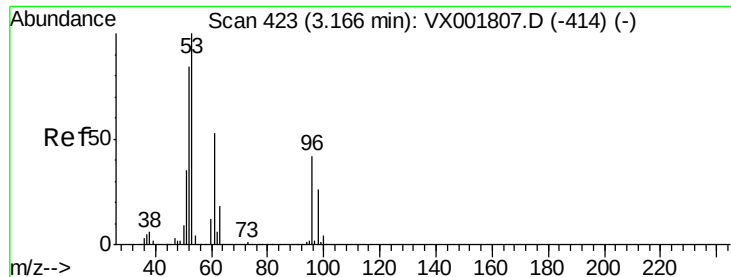
Tot Ion	Ratio	Lower	Upper
41	100		
39	60.1	29.1	87.3
76	31.1	15.2	45.5



#18
Methylene Chloride
Concen: 20.19 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	94.1	141.1
51	37.4	29.8	44.6
86	65.7	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 23.18 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

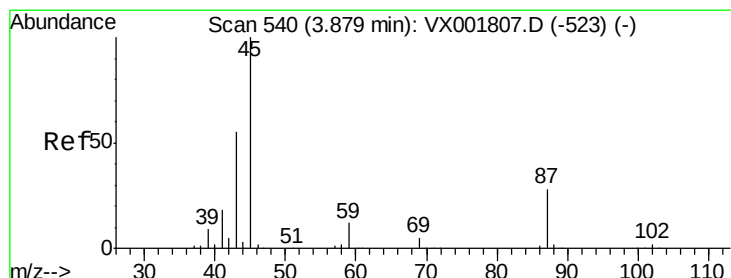
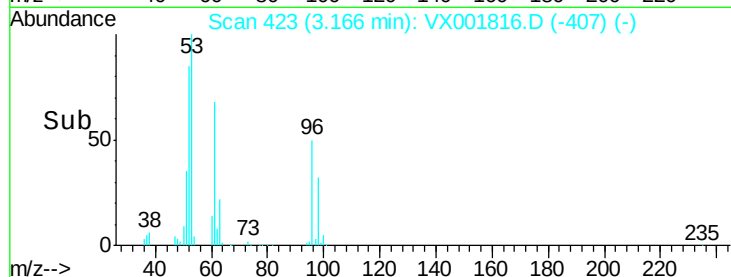
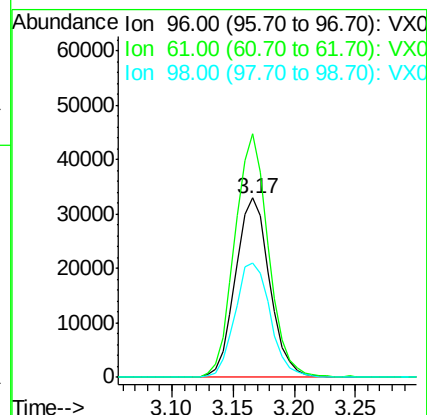
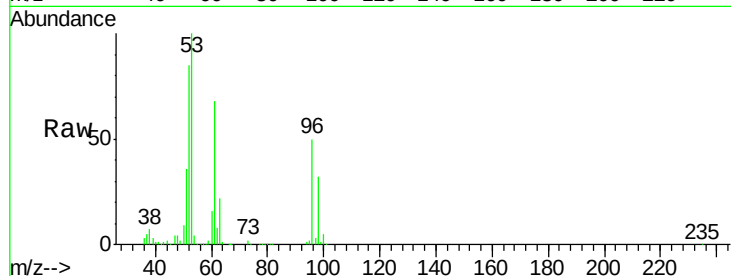
Tot Ion: 96 Resp: 63941

Ion Ratio Lower Upper

96 100

61 135.7 102.9 154.3

98 63.8 49.7 74.5



#20

Diisopropyl ether

Concen: 20.59 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Tgt Ion: 45 Resp: 224032

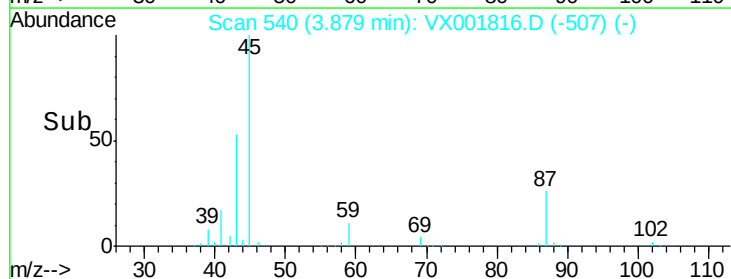
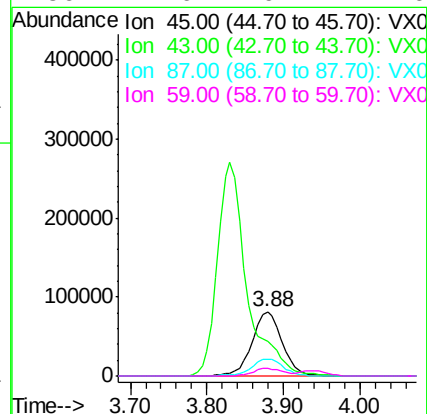
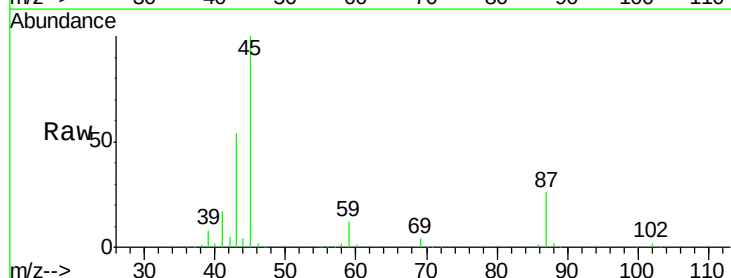
Ion Ratio Lower Upper

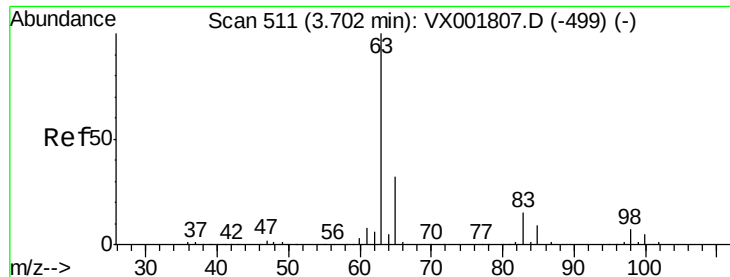
45 100

43 52.8 44.2 66.2

87 26.4 22.4 33.6

59 11.6 9.4 14.0

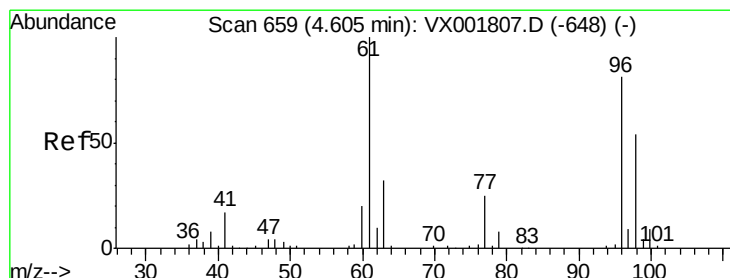
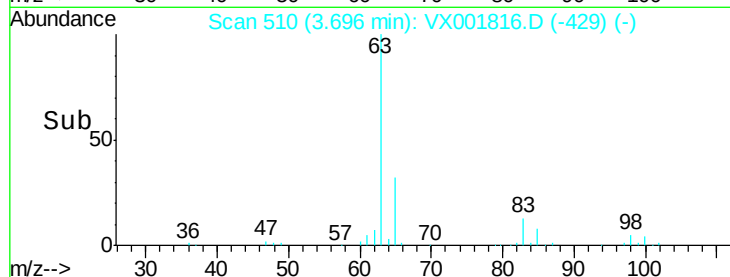
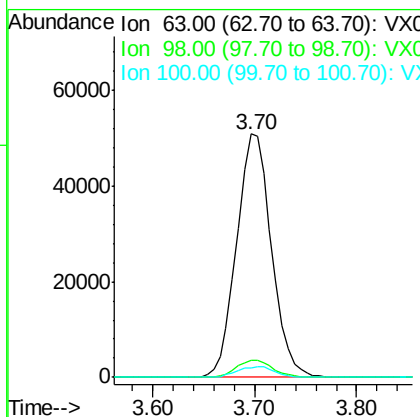
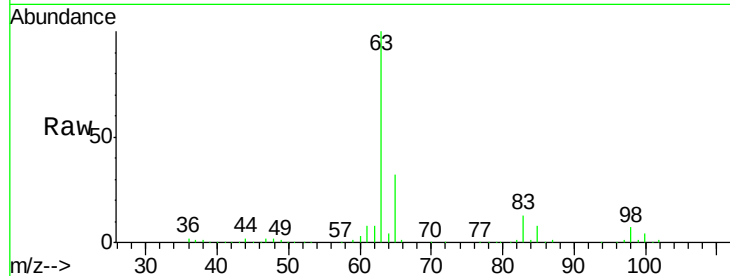




#21
 1,1-Dichloroethane
 Concen: 21.70 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

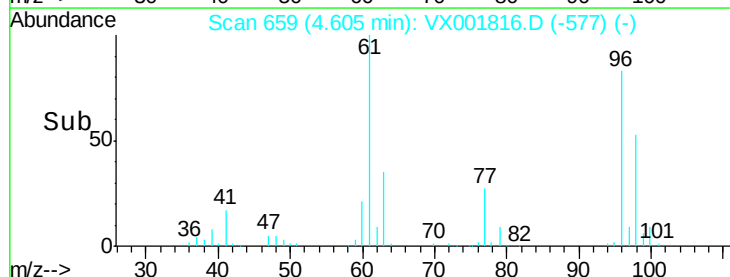
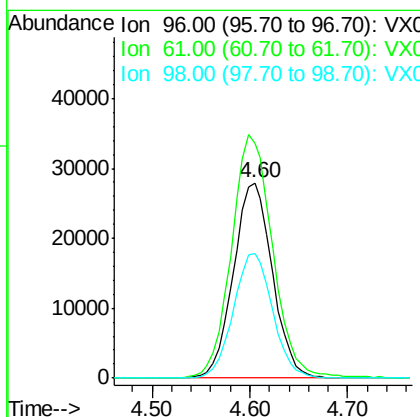
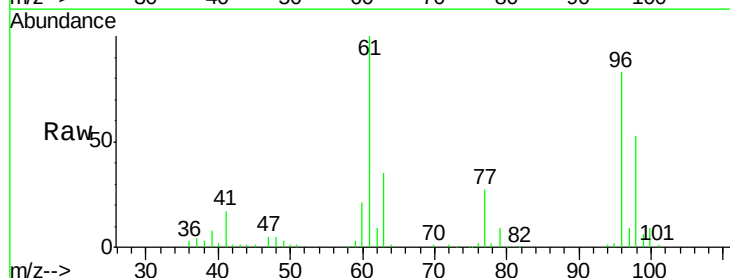
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

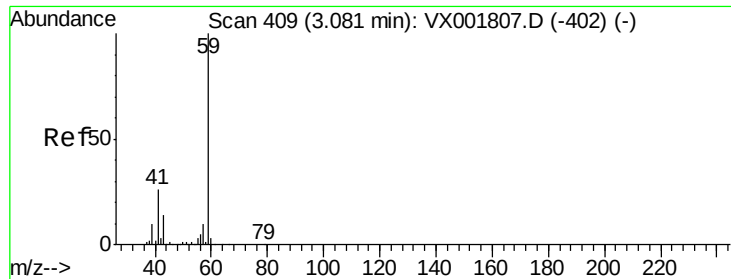
Tot Ion: 63 Resp: 120933
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.0 2.5 7.6



#22
 cis-1,2-Dichloroethene
 Concen: 21.50 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion: 96 Resp: 76950
 Ion Ratio Lower Upper
 96 100
 61 131.9 105.9 158.9
 98 64.3 51.5 77.3

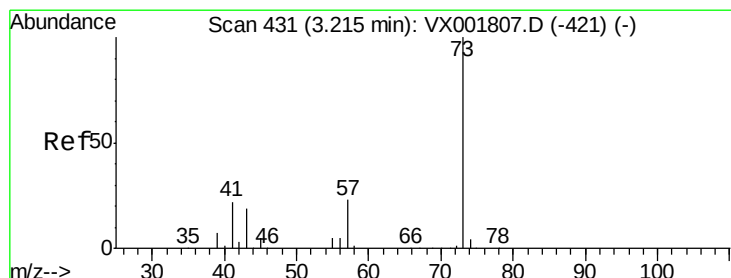
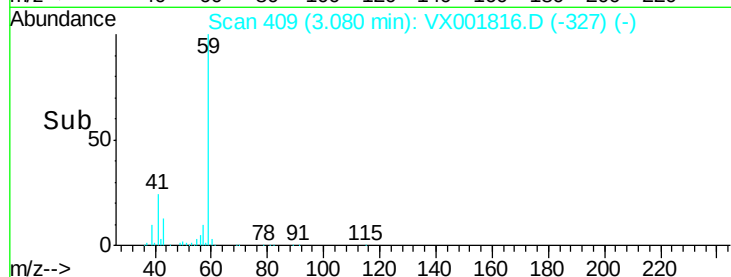
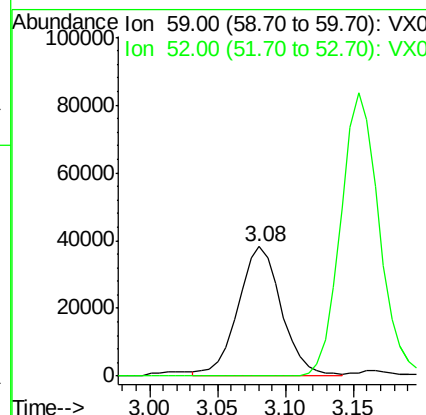
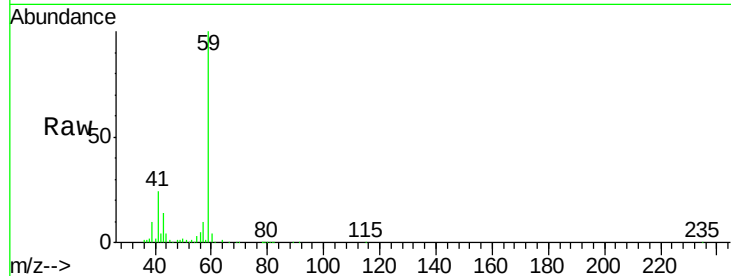




#23
 tert-Butyl Alcohol
 Concen: 99.37 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

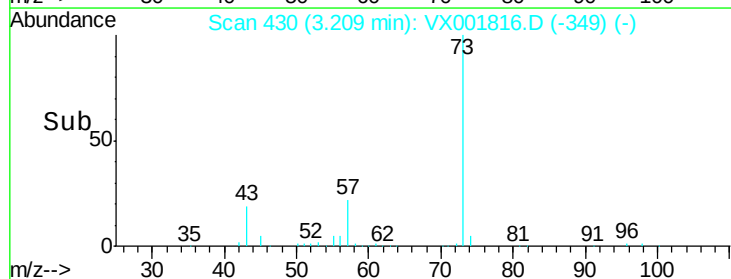
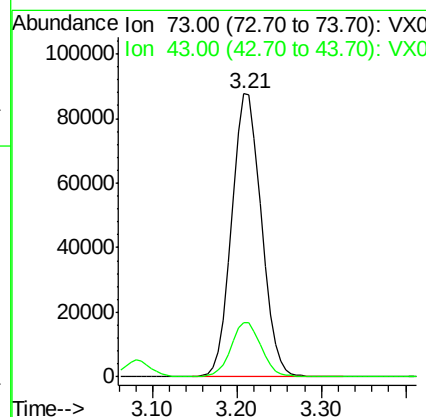
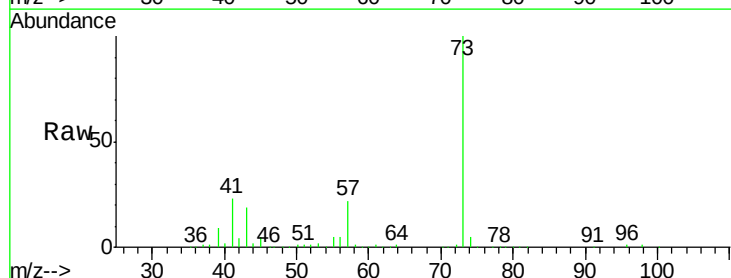
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

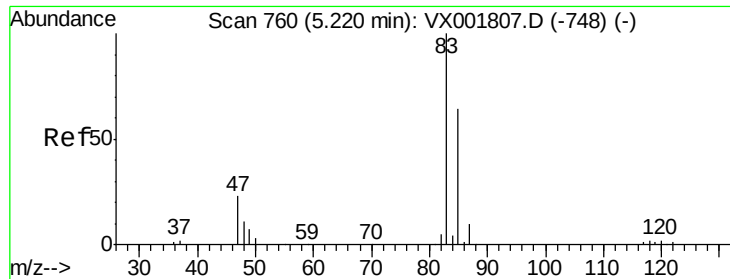
Tot Ion: 59 Resp: 85502
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 19.74 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion: 73 Resp: 210135
 Ion Ratio Lower Upper
 73 100
 43 19.1 15.2 22.8

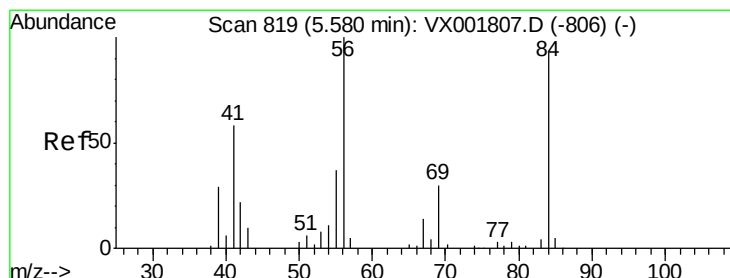
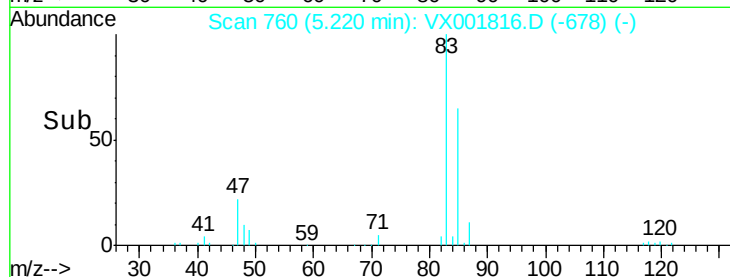
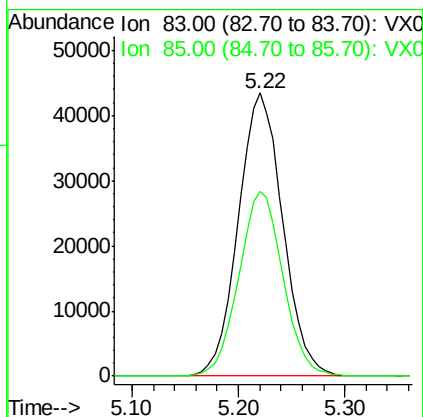
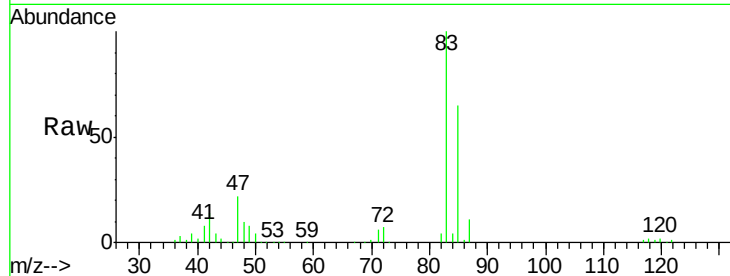




#25
Chloroform
Concen: 21.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

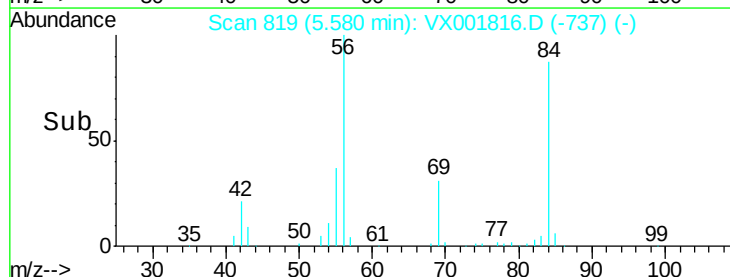
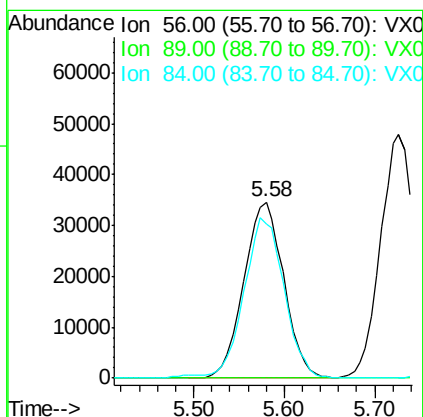
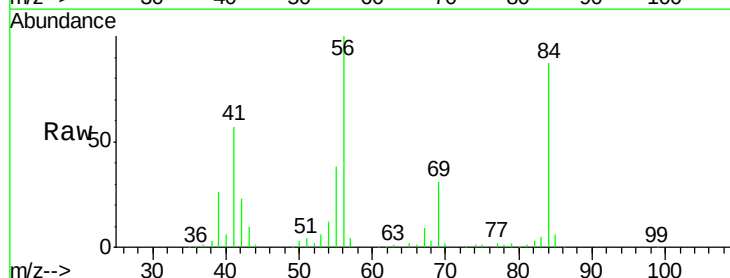
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

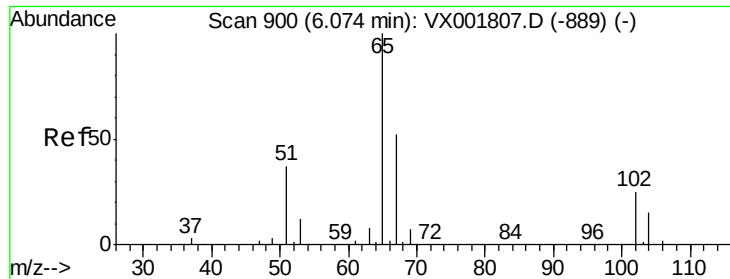
Tot Ion: 83 Resp: 127176
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4



#26
Cyclohexane
Concen: 34.76 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 56 Resp: 105463
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.9 73.8 110.8





#27

1,2-Dichloroethane-d4

Concen: 29.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

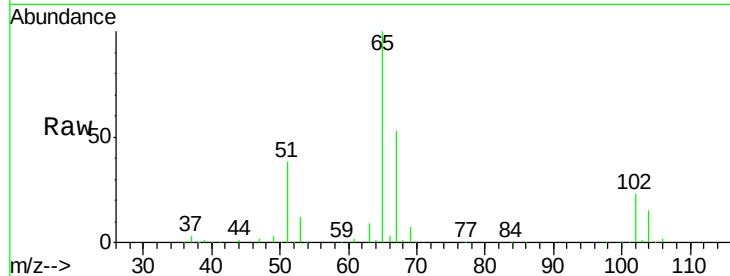
VX0518WBS01

Tot Ion: 65 Resp: 120883

Ion Ratio Lower Upper

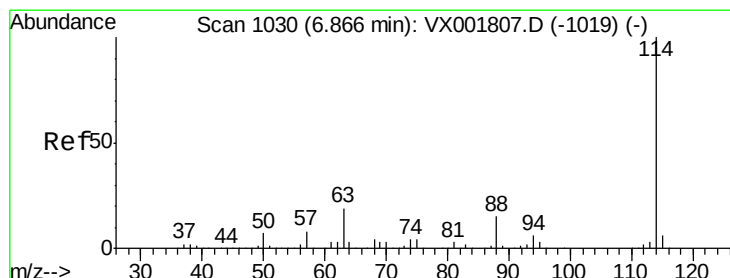
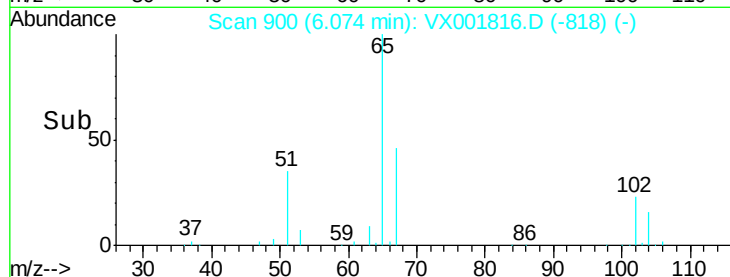
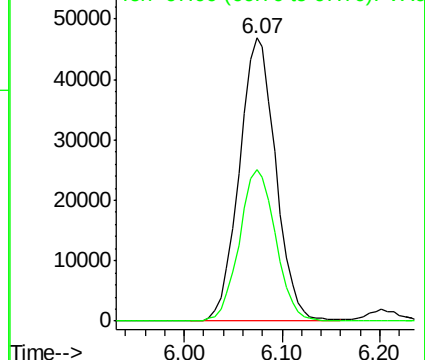
65 100

67 53.3 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

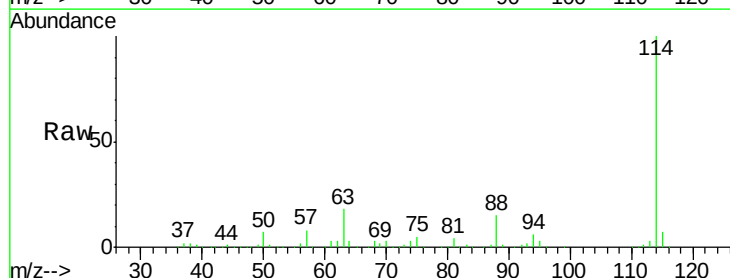
Tgt Ion: 114 Resp: 318512

Ion Ratio Lower Upper

114 100

63 18.5 14.9 22.3

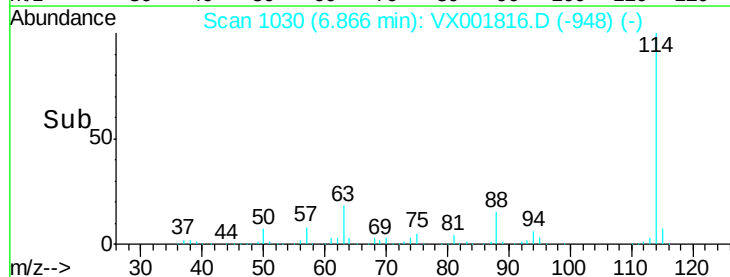
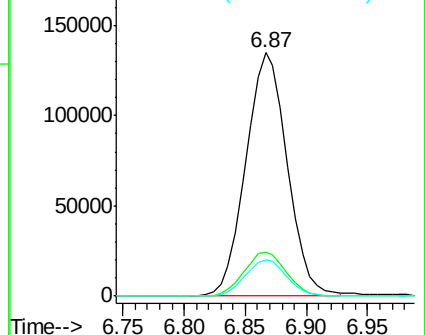
88 15.0 11.8 17.8

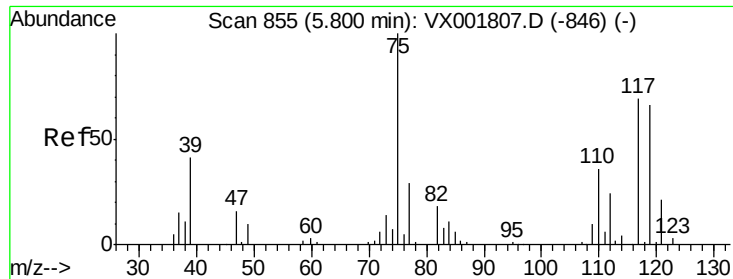


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 24.83 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

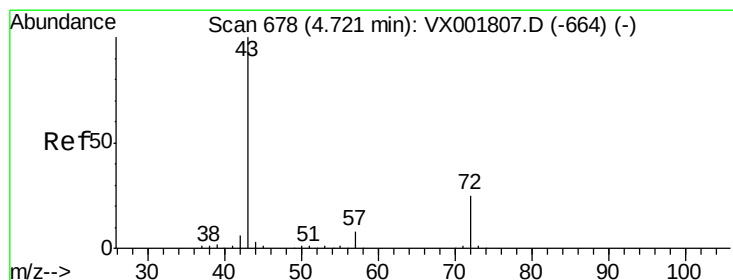
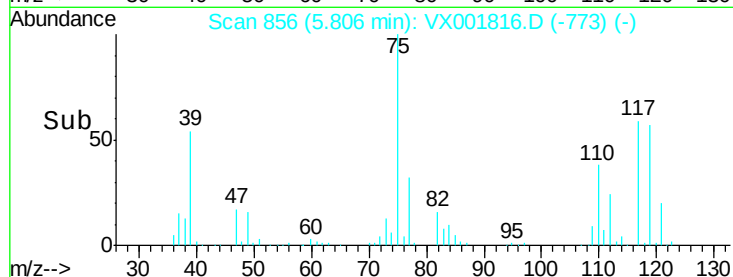
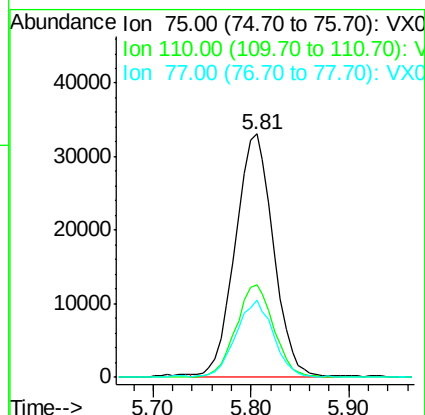
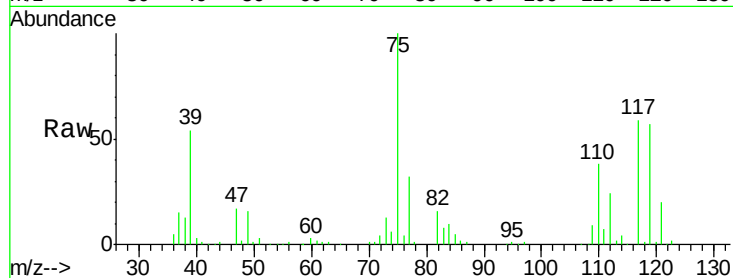
Tot Ion: 75 Resp: 89711

Ion Ratio Lower Upper

75 100

110 37.5 0.0 75.2

77 31.1 0.0 61.6



#30

2-Butanone

Concen: 86.70 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

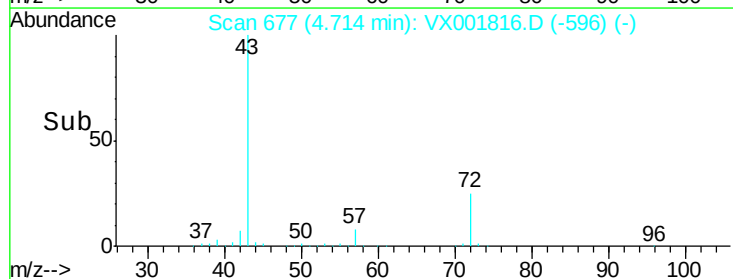
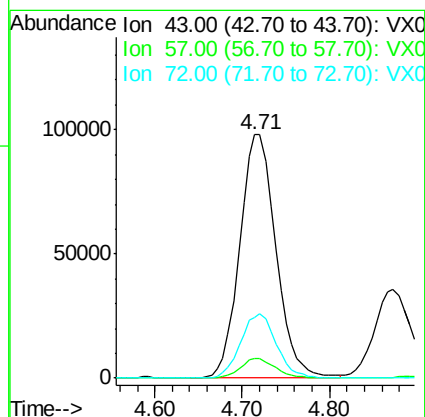
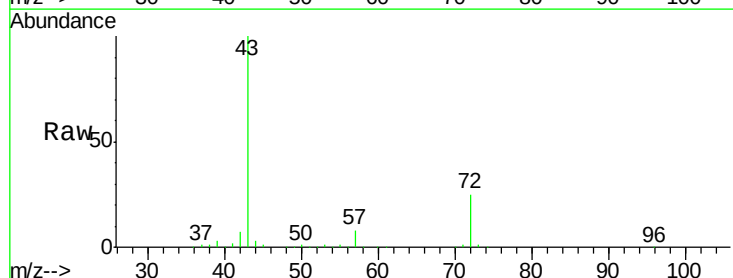
Tgt Ion: 43 Resp: 282523

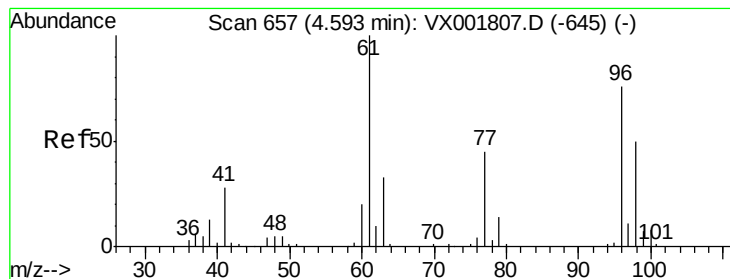
Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 26.1 20.6 30.8





#31

2,2-Dichloropropane

Concen: 17.21 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

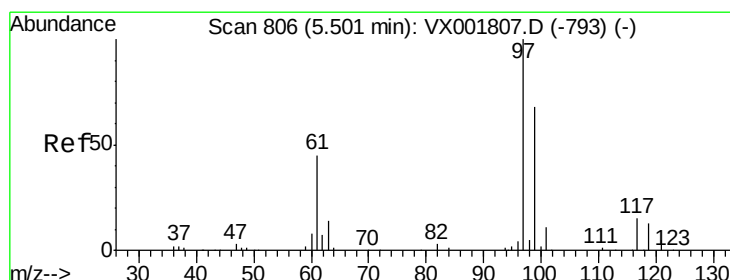
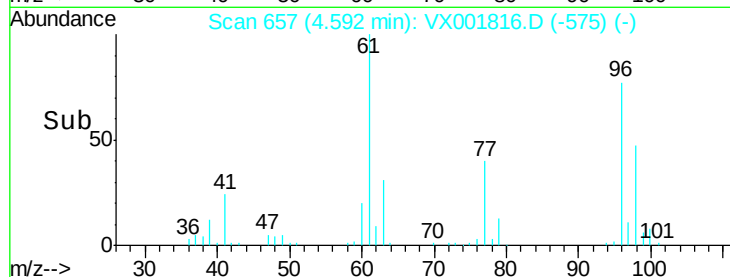
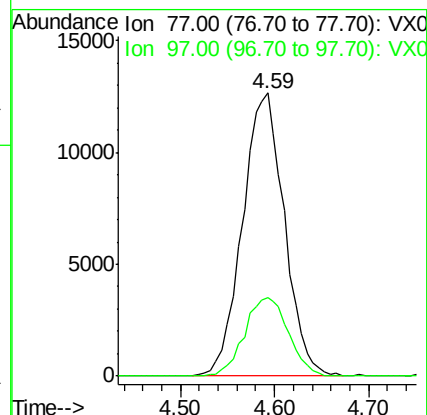
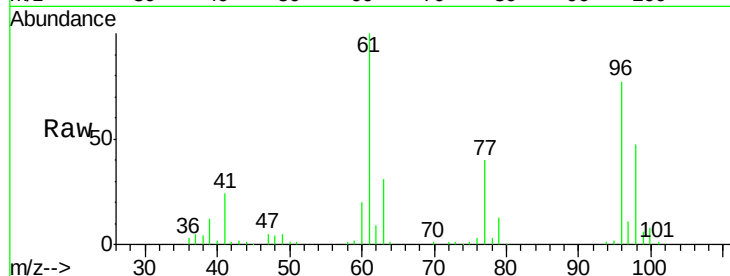
VX0518WBS01

Tot Ion: 77 Resp: 39303

Ion Ratio Lower Upper

77 100

97 29.0 22.3 33.5



#32

1,1,1-Trichloroethane

Concen: 22.27 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

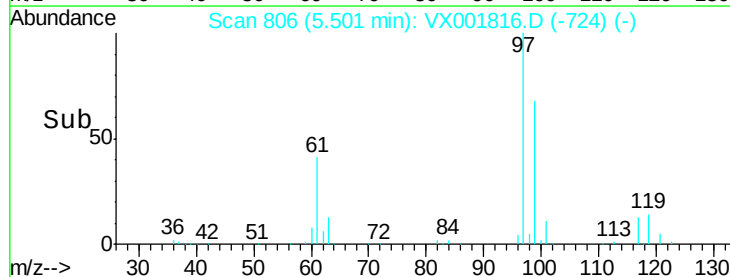
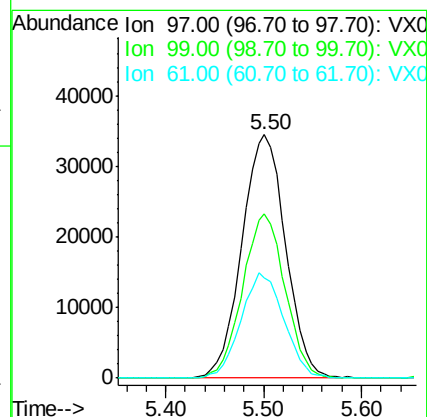
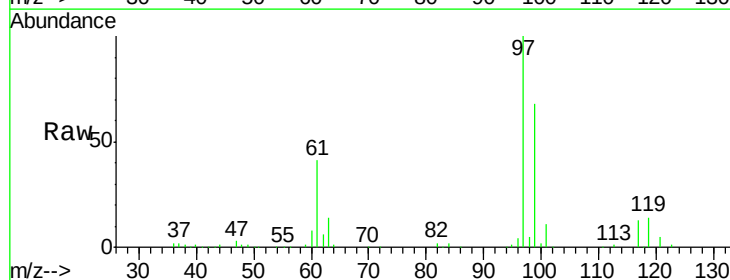
Tgt Ion: 97 Resp: 106649

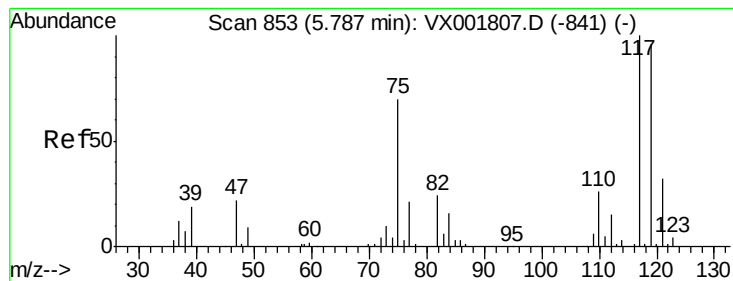
Ion Ratio Lower Upper

97 100

99 65.7 52.4 78.6

61 42.4 34.6 51.8





#33

Carbon Tetrachloride

Concen: 24.76 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

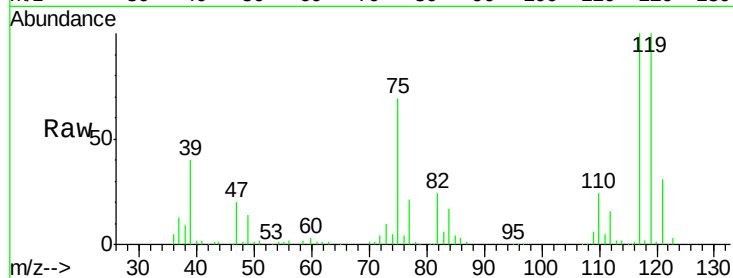
Tot Ion:117 Resp: 94669

Ion Ratio Lower Upper

117 100

119 100.0 76.4 114.6

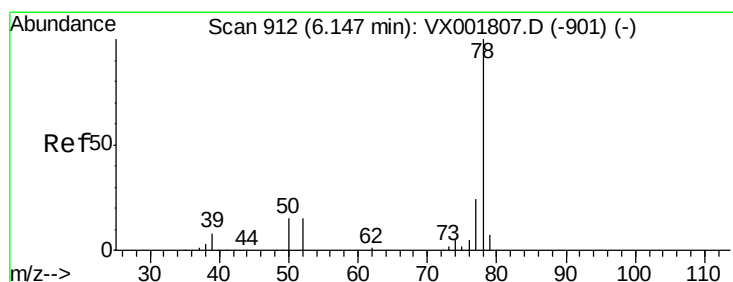
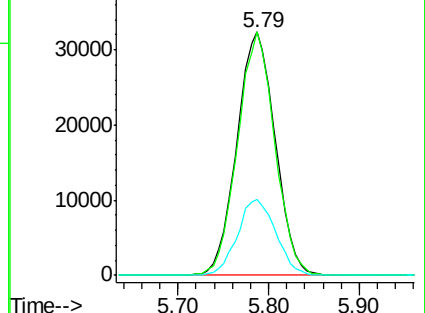
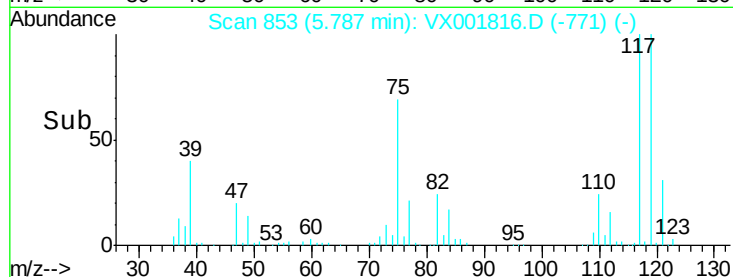
121 31.1 25.3 37.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.86 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

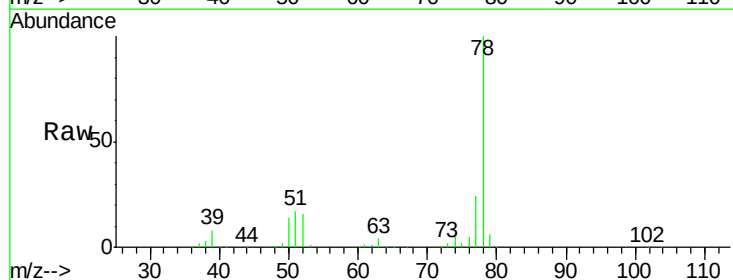
Tgt Ion: 78 Resp: 286538

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

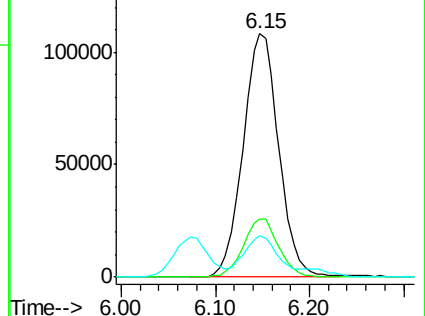
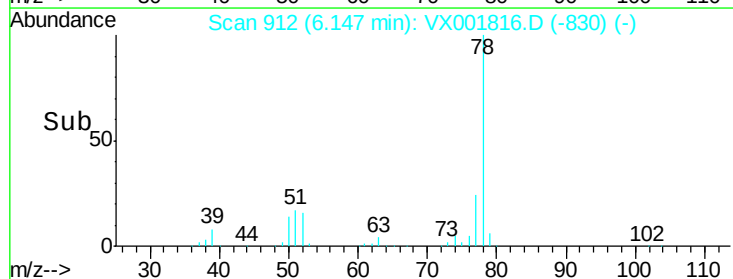
51 15.9 13.2 19.8

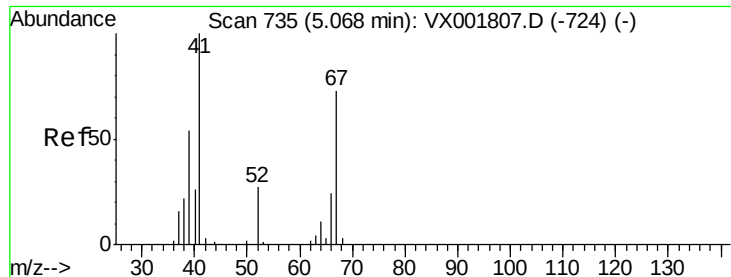


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

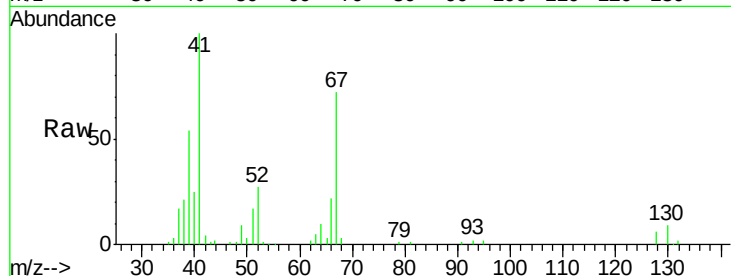




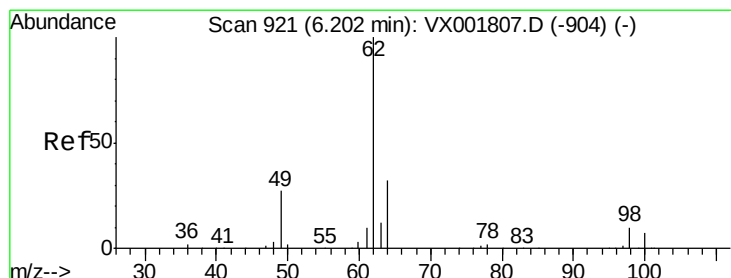
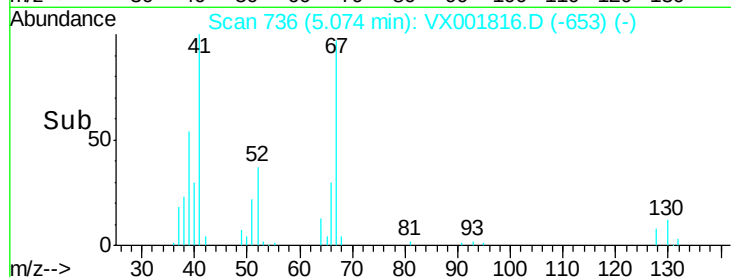
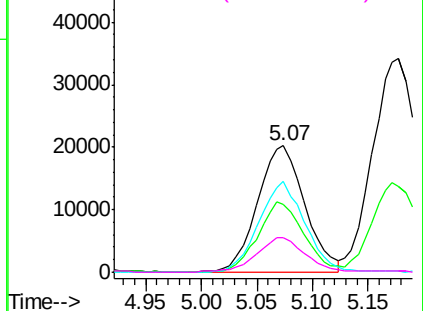
#35
Methacrylonitrile
Concen: 17.28 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion:	41	Resp:	59910
Ion	Ratio	Lower	Upper
41	100		
39	53.4	26.9	80.6
67	71.6	36.8	110.3
52	27.0	13.7	41.1

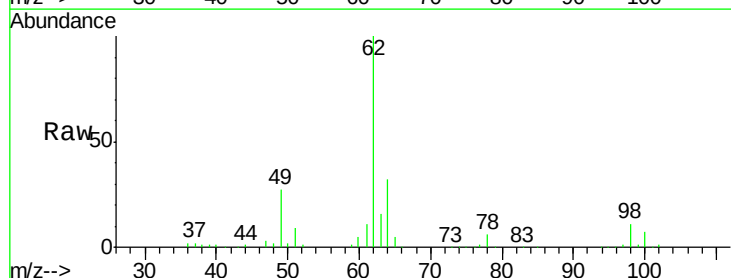


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

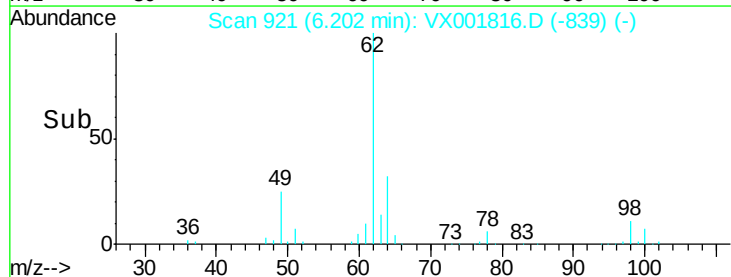
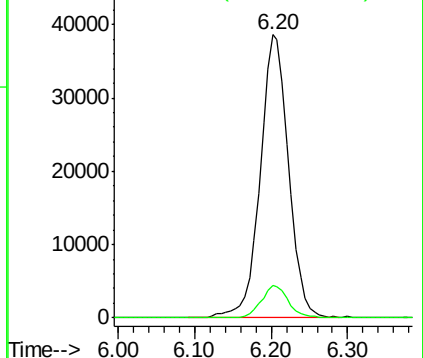


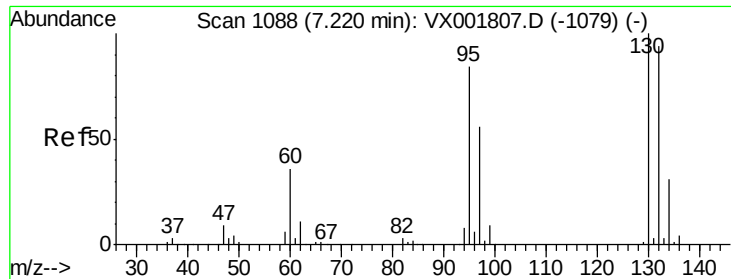
#36
1,2-Dichloroethane
Concen: 17.72 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion:	62	Resp:	99933
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.6	12.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 21.62 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

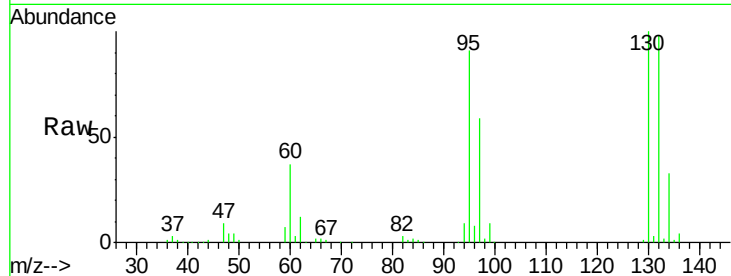
VX0518WBS01

Tot Ion:130 Resp: 85277

Ion Ratio Lower Upper

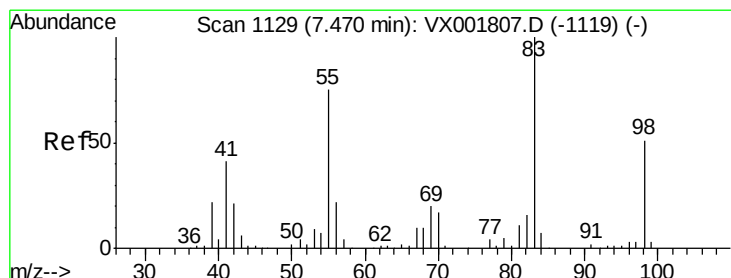
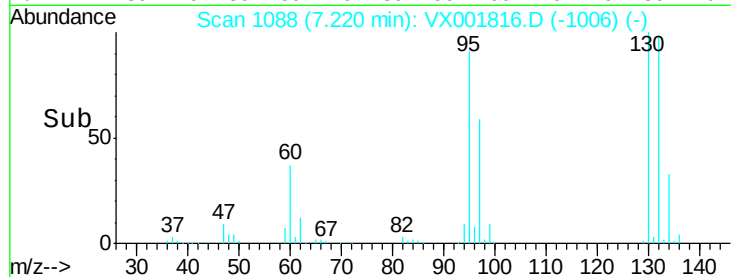
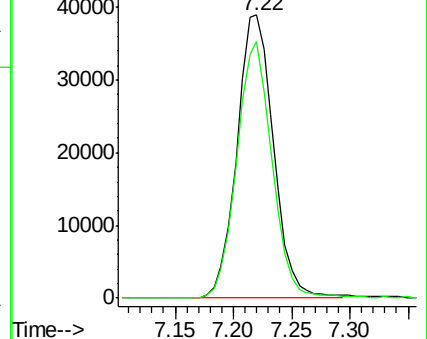
130 100

95 90.6 67.1 100.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 30.90 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

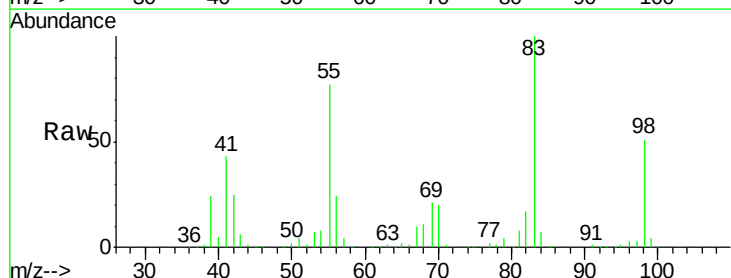
Tgt Ion: 83 Resp: 102954

Ion Ratio Lower Upper

83 100

55 76.1 40.0 119.9

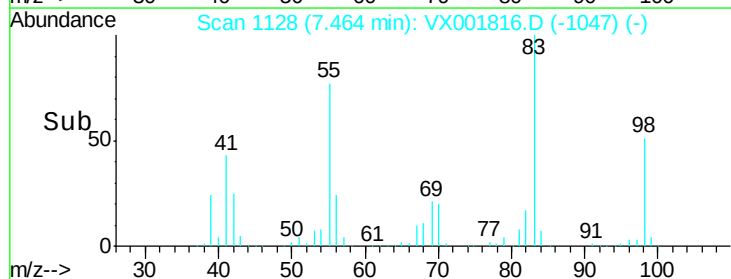
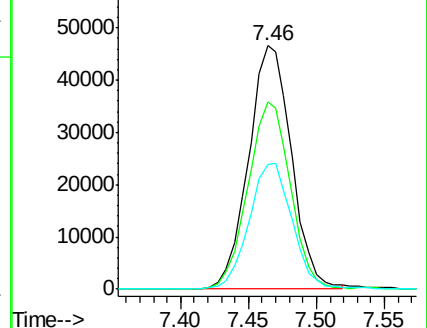
98 52.0 25.8 77.4

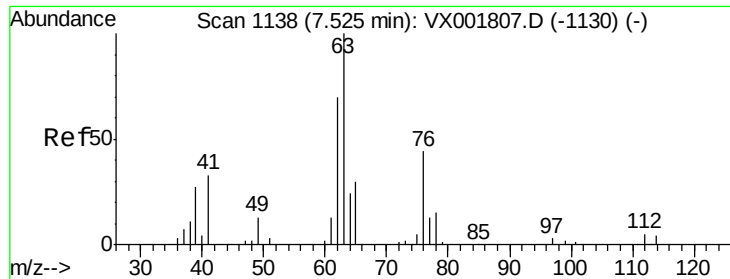


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.67 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

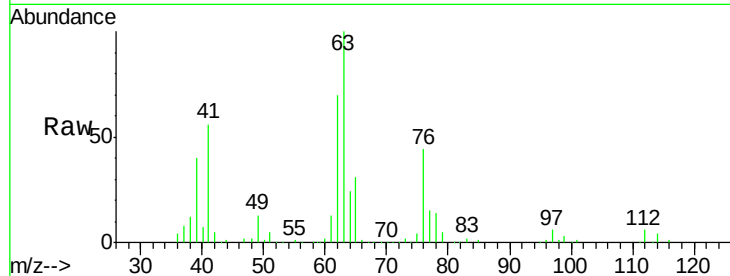
VX0518WBS01

Tot Ion: 63 Resp: 71806

Ion Ratio Lower Upper

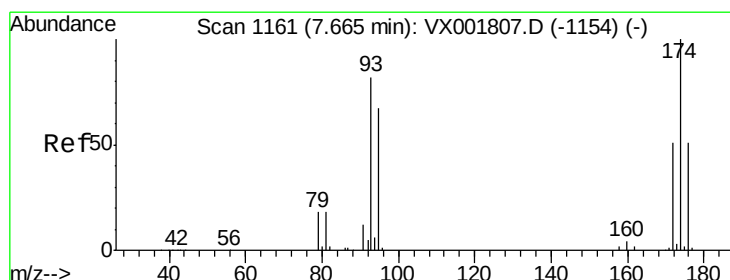
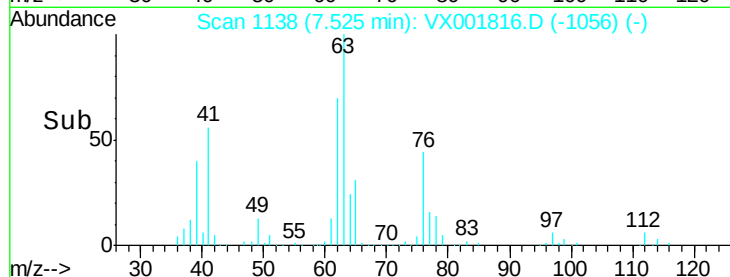
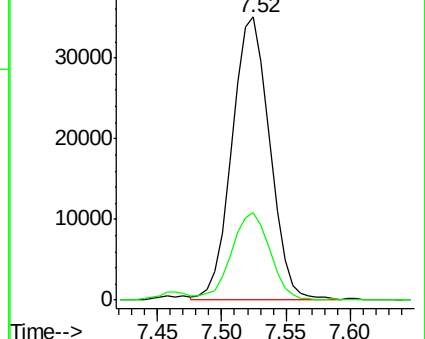
63 100

65 30.9 25.0 37.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 17.54 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

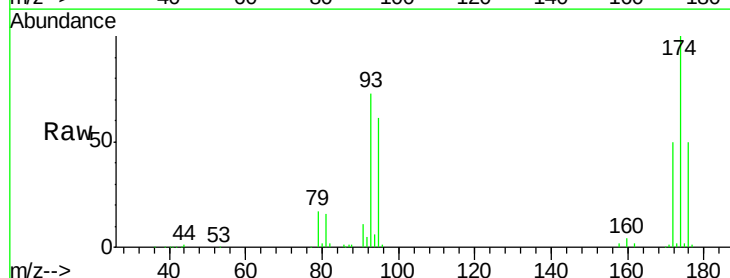
Tgt Ion: 93 Resp: 48359

Ion Ratio Lower Upper

93 100

95 83.1 0.0 167.4

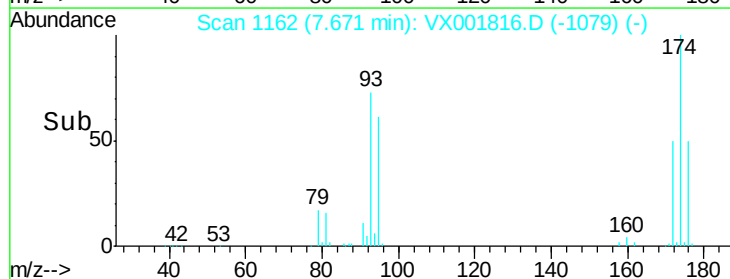
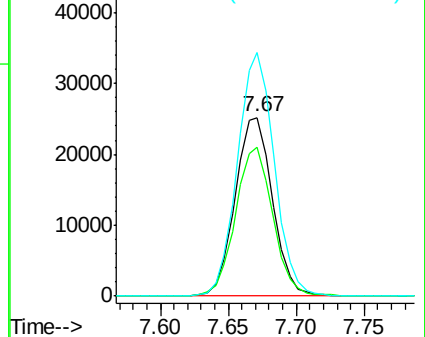
174 134.5 0.0 269.6

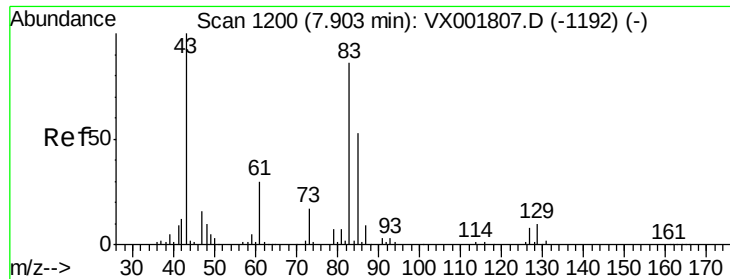


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.28 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

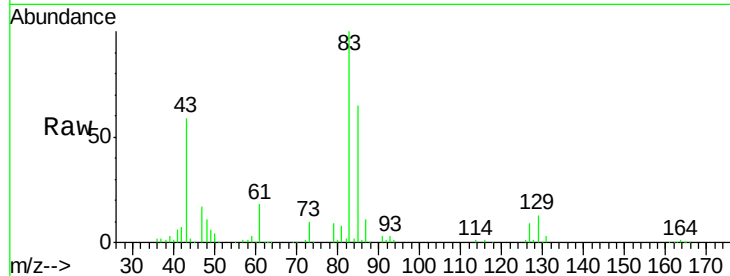
Tot Ion: 83 Resp: 88751

Ion Ratio Lower Upper

83 100

85 64.9 49.6 74.4

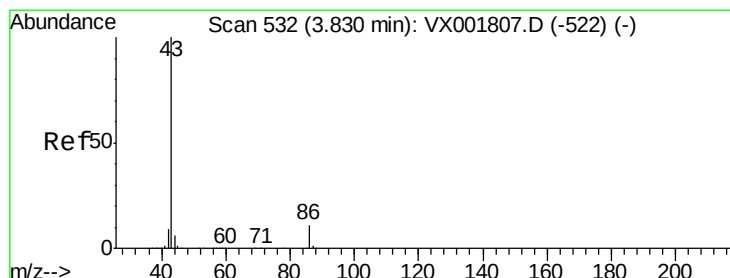
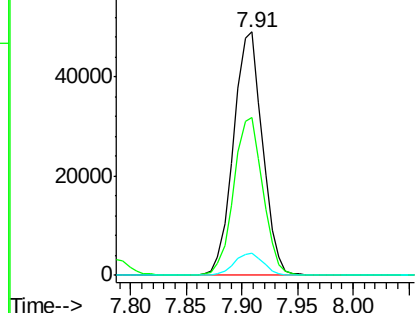
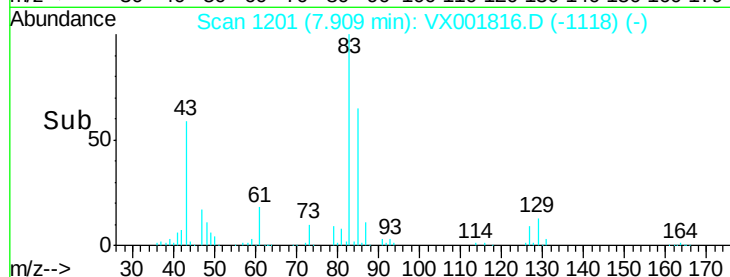
127 9.3 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 82.36 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001816.D

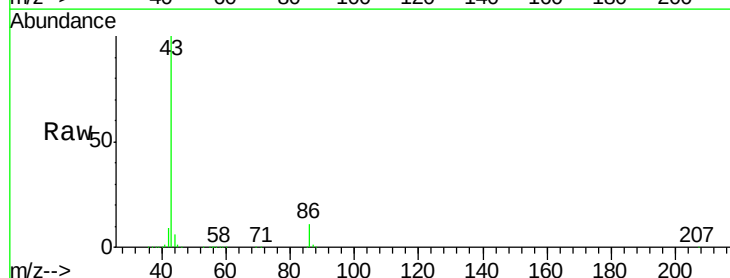
Acq: 18 May 2018 09:07

Tgt Ion: 43 Resp: 727168

Ion Ratio Lower Upper

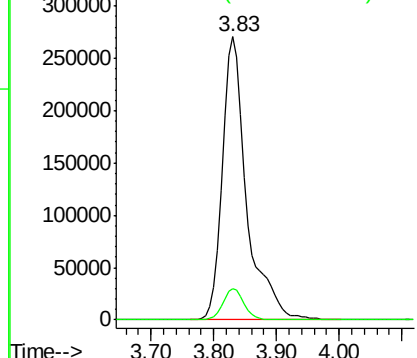
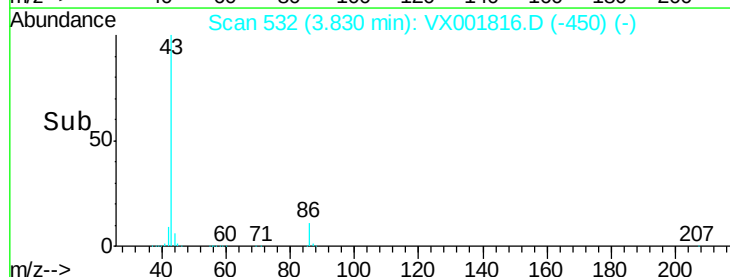
43 100

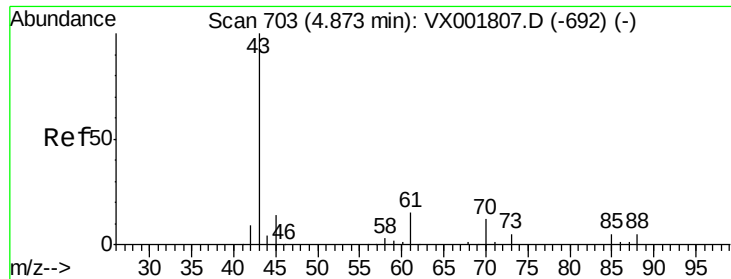
86 9.5 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 16.54 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

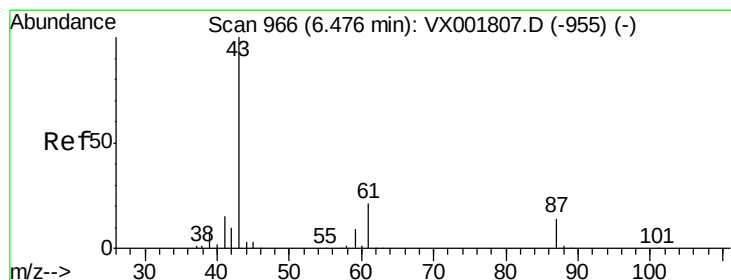
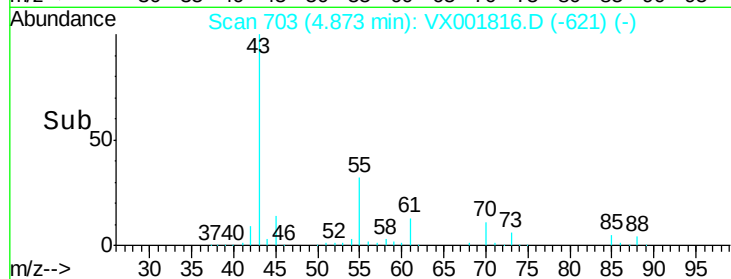
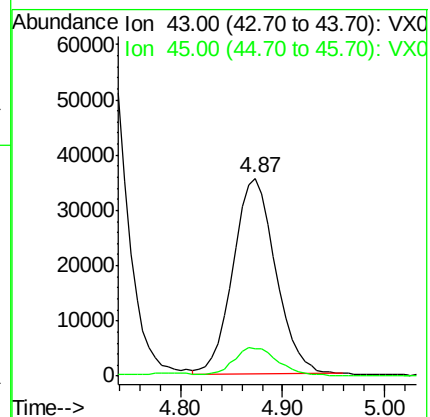
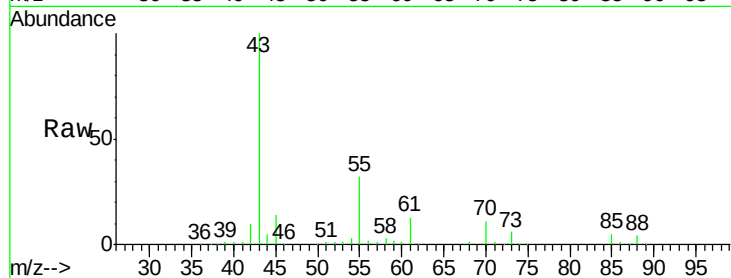
VX0518WBS01

Tot Ion: 43 Resp: 102701

Ion Ratio Lower Upper

43 100

45 15.5 11.8 17.6



#44

Isopropyl Acetate

Concen: 16.92 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001816.D

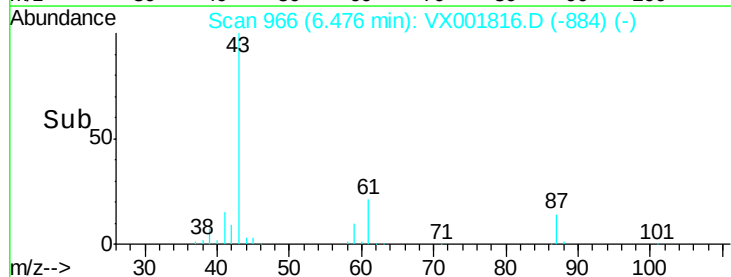
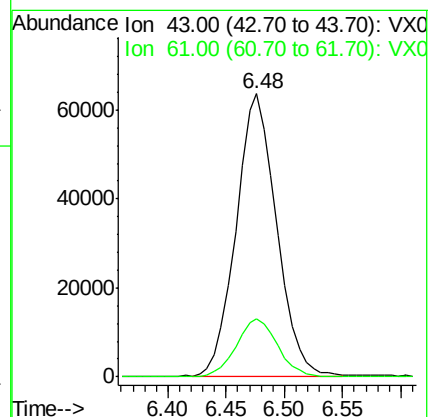
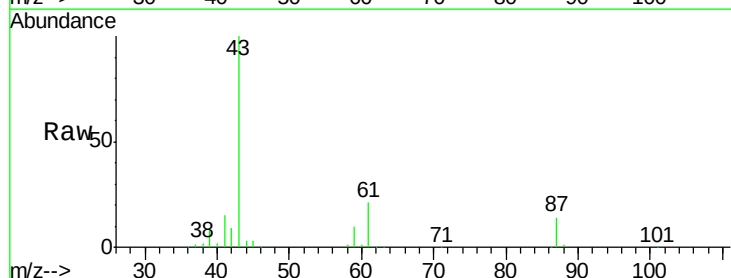
Acq: 18 May 2018 09:07

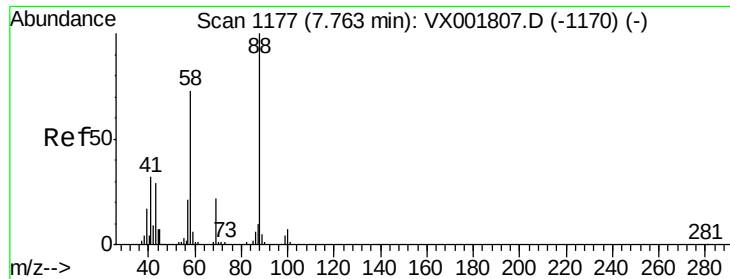
Tgt Ion: 43 Resp: 152377

Ion Ratio Lower Upper

43 100

61 21.2 16.6 24.8

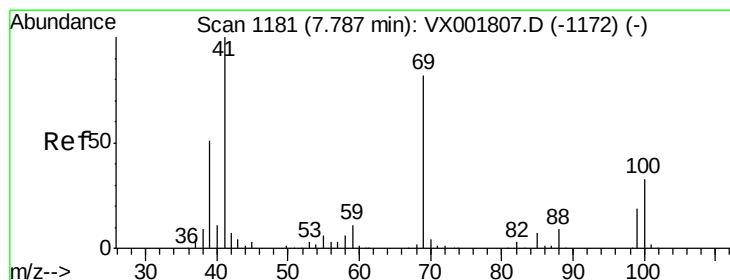
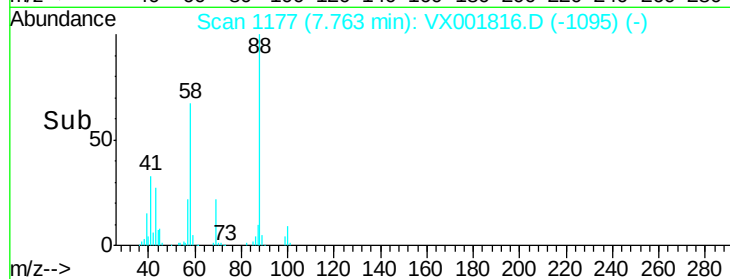
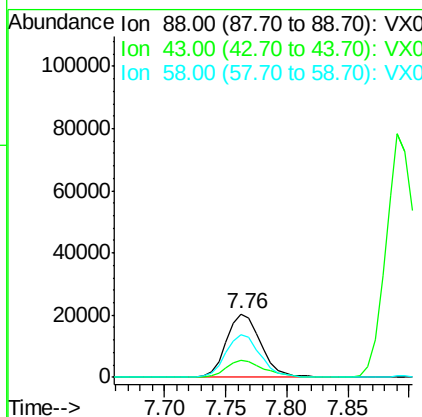
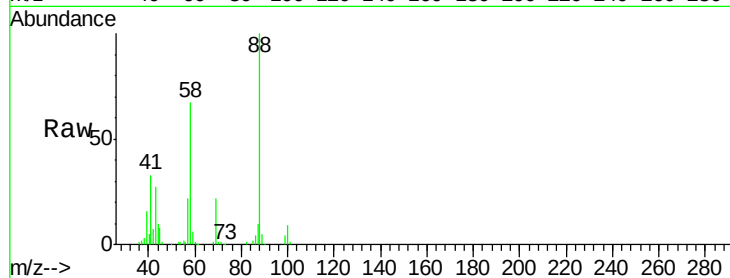




#45
 1,4-Dioxane
 Concen: 362.87 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

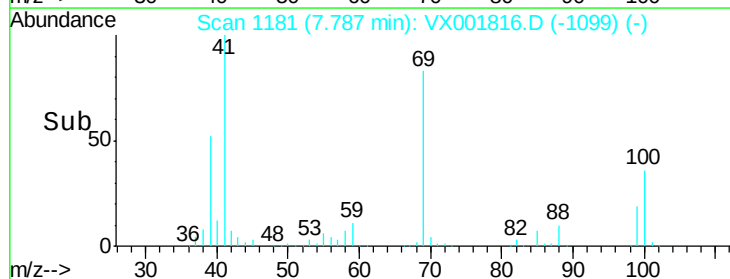
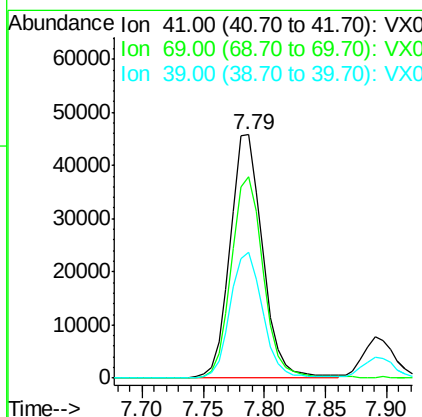
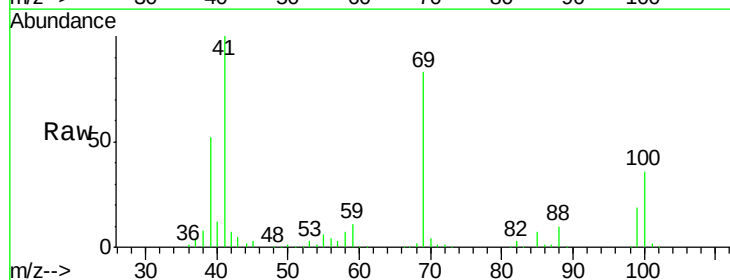
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

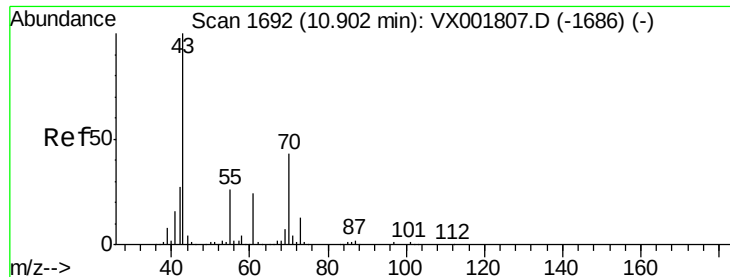
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	25.0	37.6
58	66.5	56.9	85.3



#46
 Methyl methacrylate
 Concen: 17.63 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	40.9	122.7
39	51.8	25.3	75.9





#47

n-amvl Acetate

Concen: 18.18 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

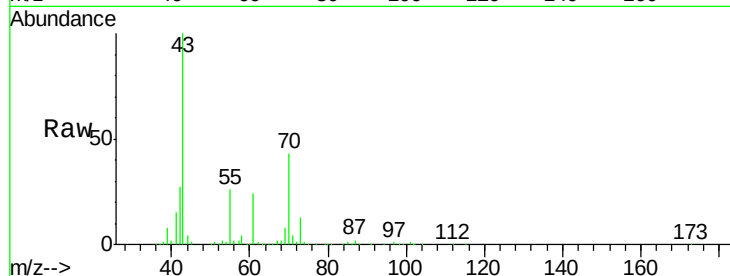
VX0518WBS01

Tot Ion: 43 Resp: 113302

Ion Ratio Lower Upper

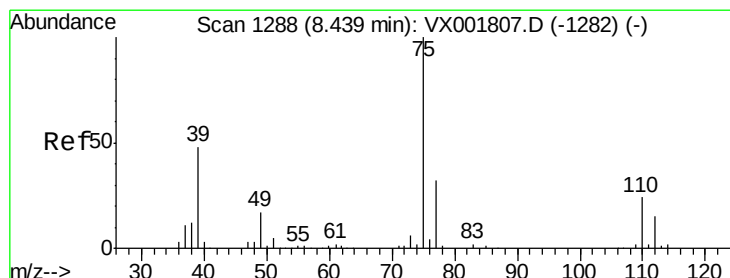
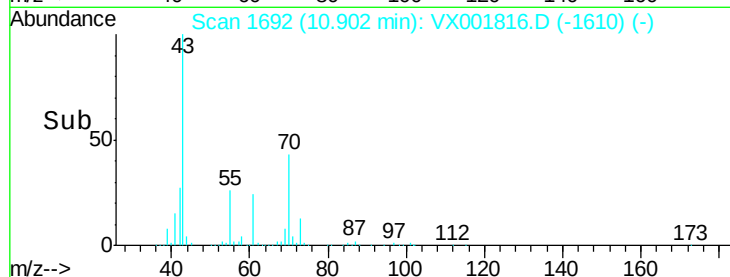
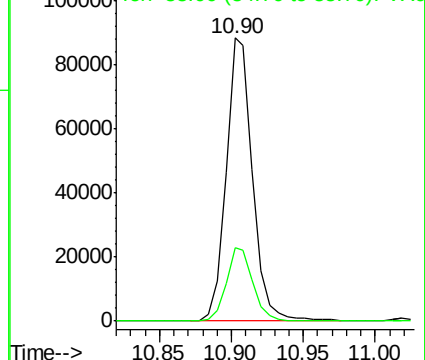
43 100

55 26.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.17 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001816.D

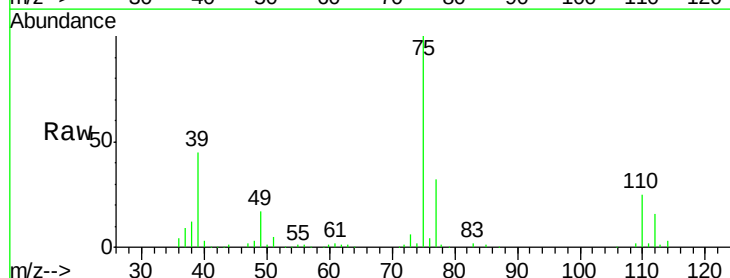
Acq: 18 May 2018 09:07

Tgt Ion: 75 Resp: 92814

Ion Ratio Lower Upper

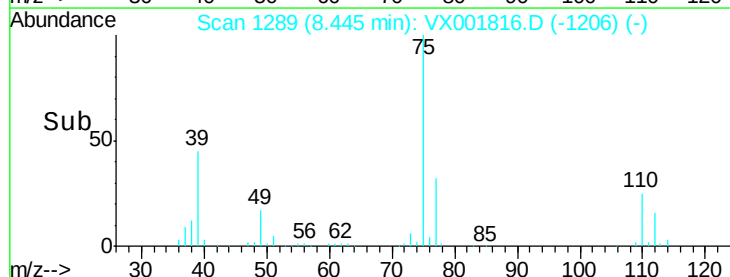
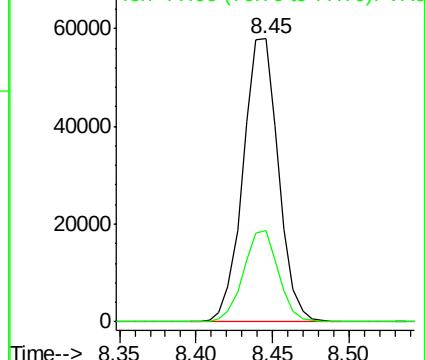
75 100

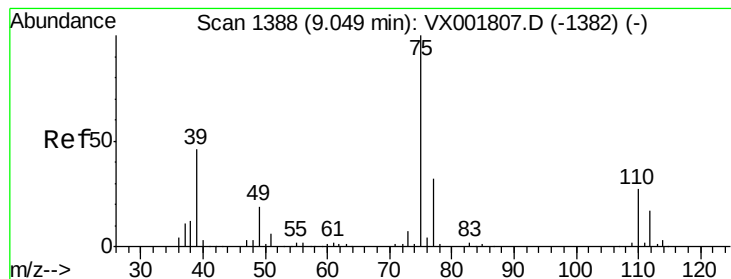
77 32.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



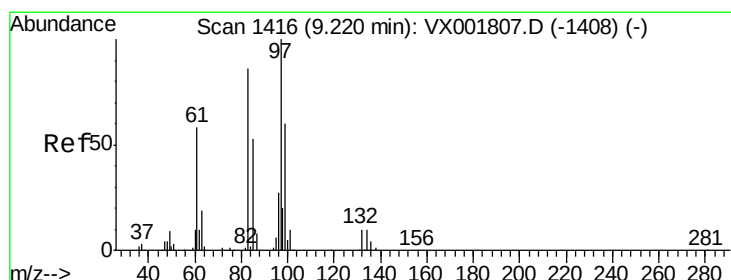
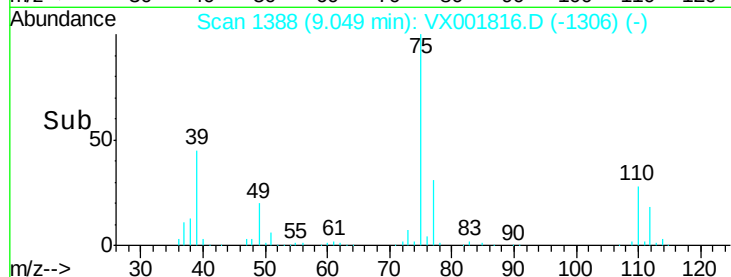
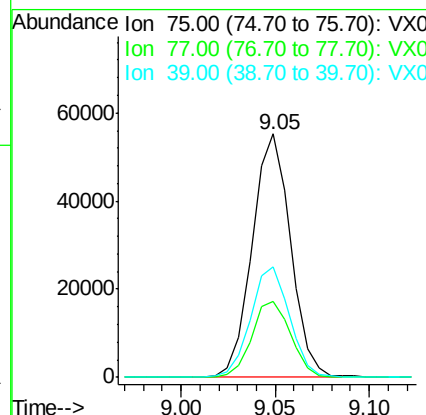
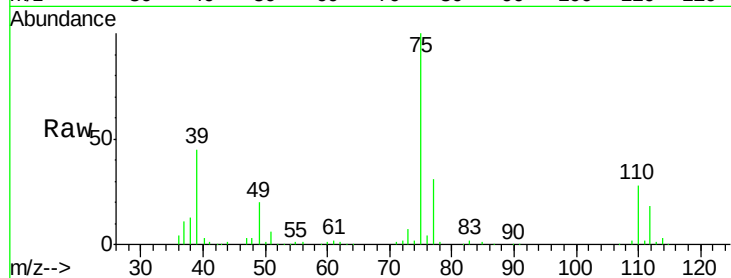


#49

cis-1,3-Dichloropropene
Concen: 17.44 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

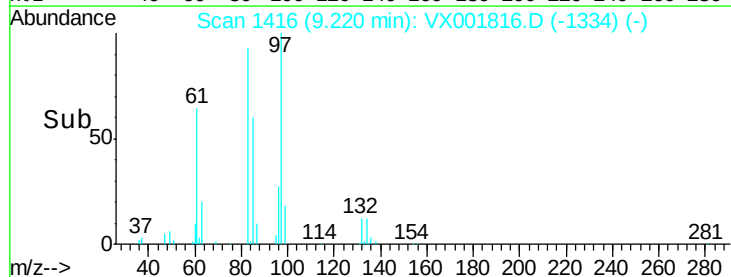
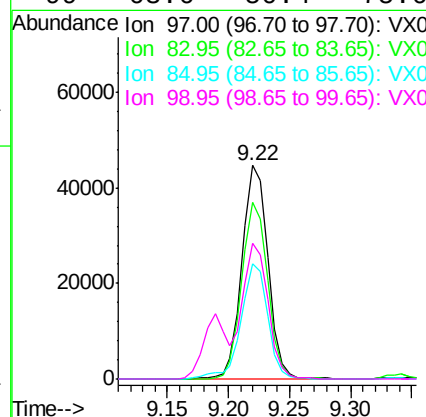
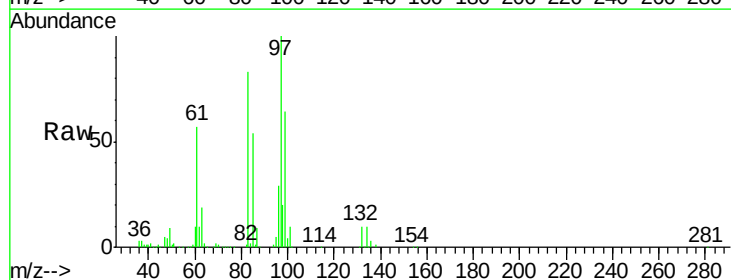
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3
39	44.9	37.0	55.4

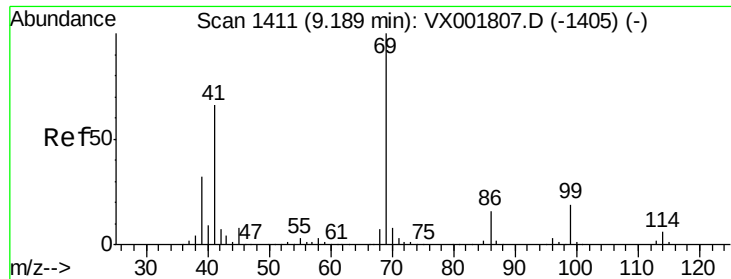


#50

1,1,2-Trichloroethane
Concen: 17.39 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.6	103.0
85	53.7	42.5	63.7
99	63.6	50.4	75.6

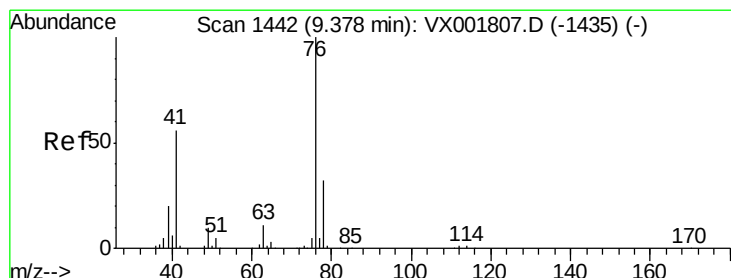
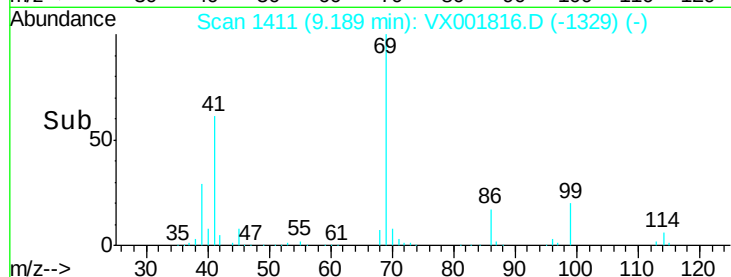
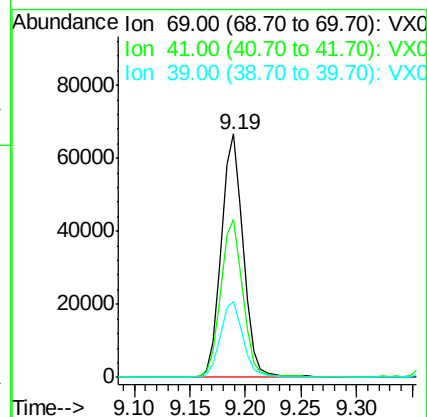
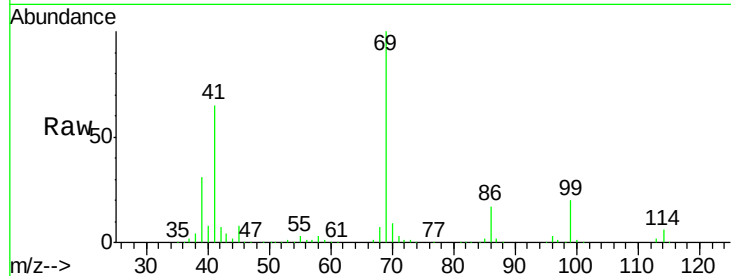




#51
Ethyl methacrylate
Concen: 17.71 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

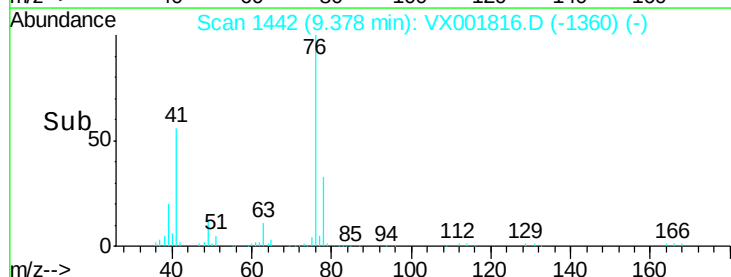
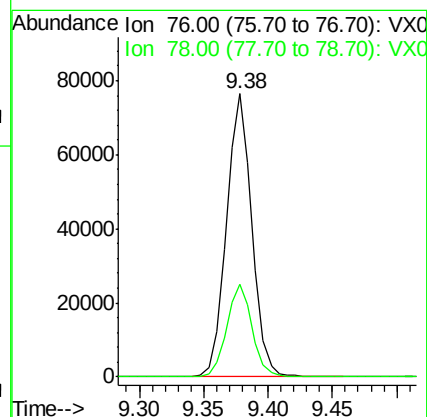
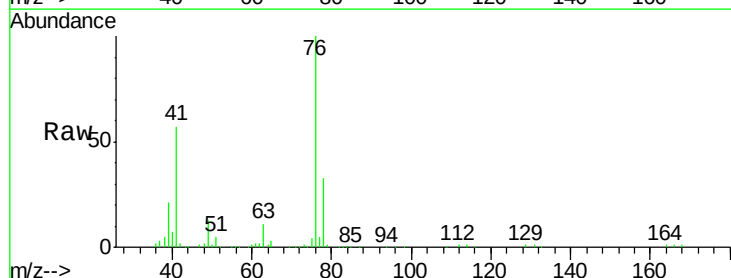
Instrument :
MSVOA_X
ClientSampled :
VX0518WBS01

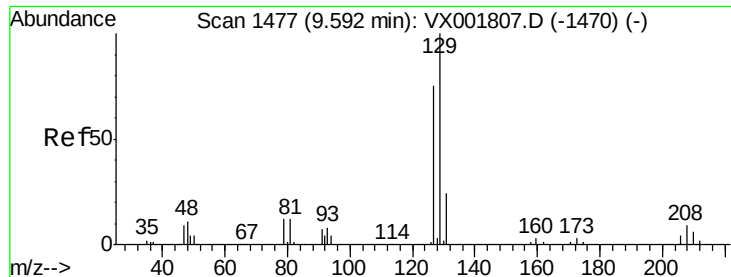
Tot Ion: 69 Resp: 91156
Ion Ratio Lower Upper
69 100
41 64.7 32.9 98.7
39 31.1 16.1 48.2



#52
1,3-Dichloropropane
Concen: 17.68 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 76 Resp: 106197
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6

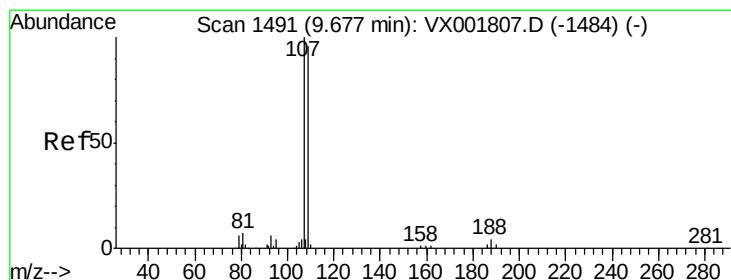
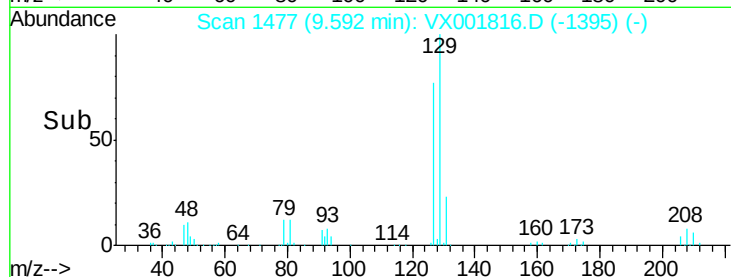
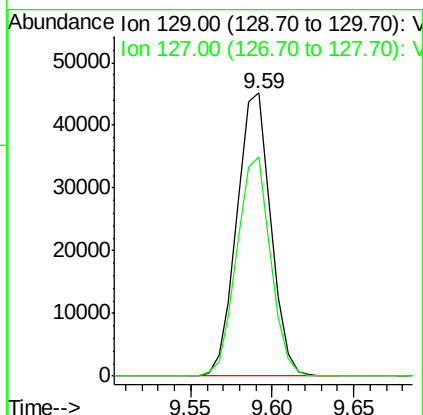
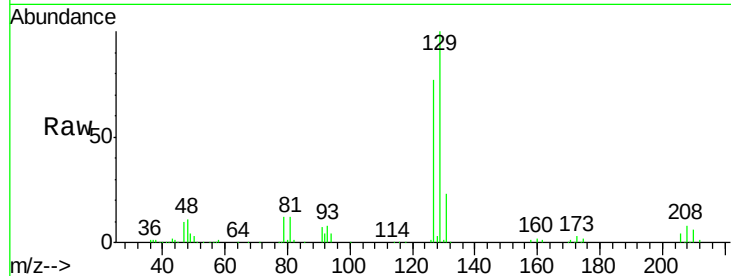




#53
 Dibromochloromethane
 Concen: 17.88 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

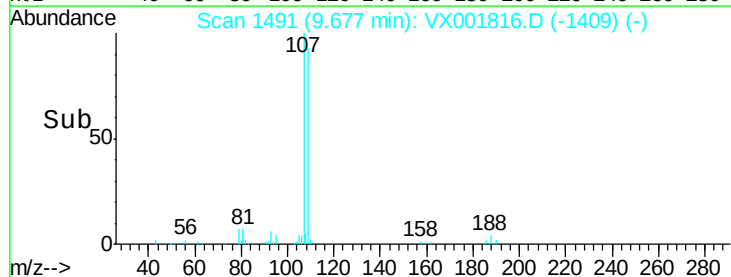
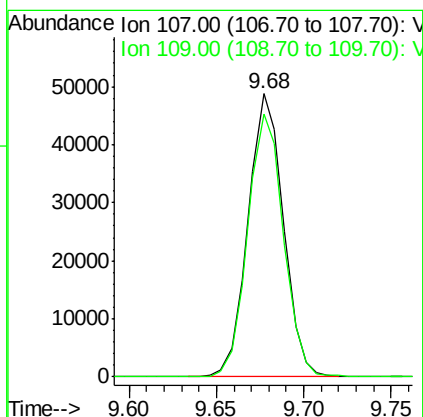
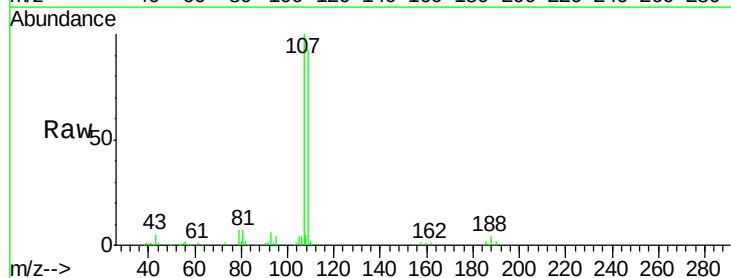
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

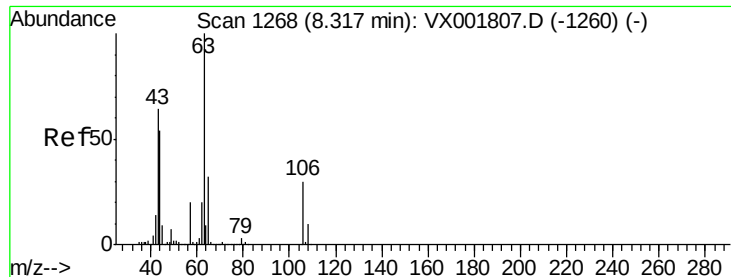
Tot Ion:129 Resp: 65810
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.7 116.1



#54
 1,2-Dibromoethane
 Concen: 17.82 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion:107 Resp: 68392
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.3 114.5

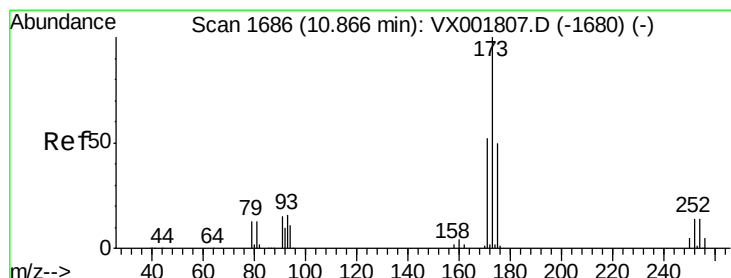
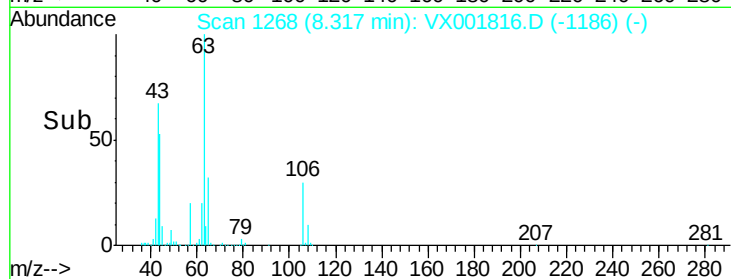
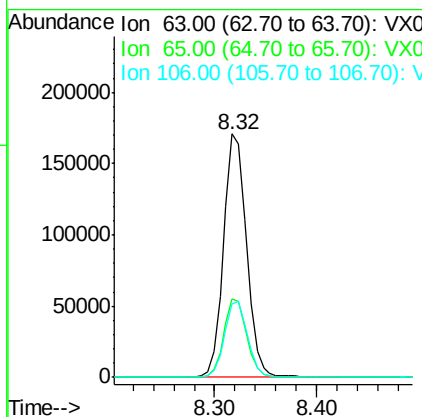
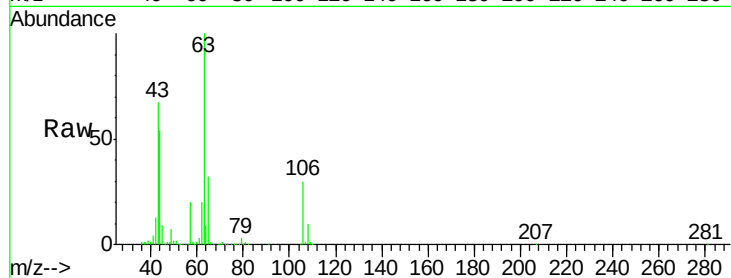




#55
2-Chloroethyl vinyl ether
Concen: 88.70 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

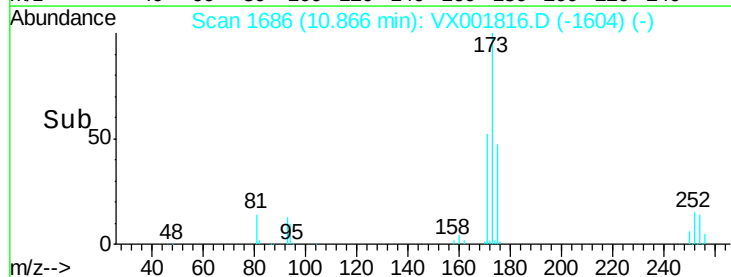
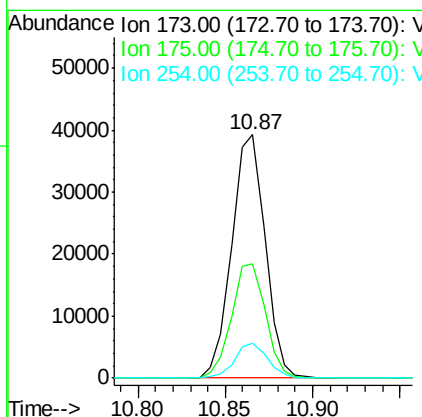
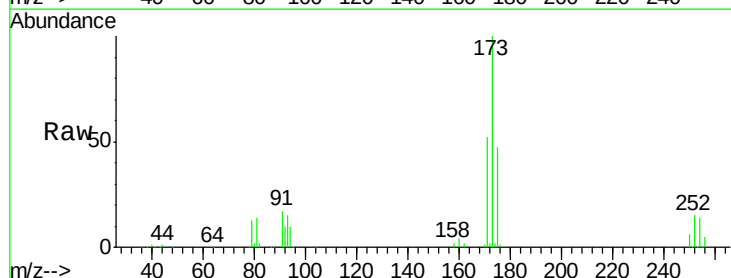
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

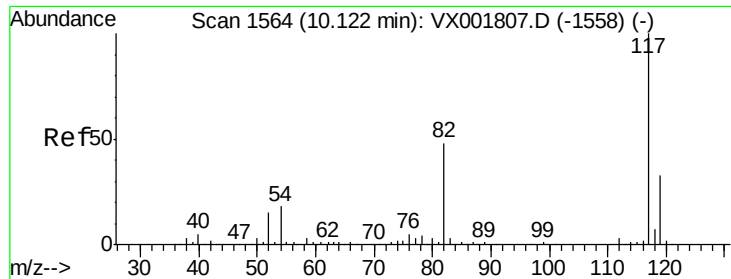
Tot Ion: 63 Resp: 266663
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2
106 31.2 24.9 37.3



#56
Bromoform
Concen: 17.39 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 173 Resp: 52323
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 14.0 10.7 16.1

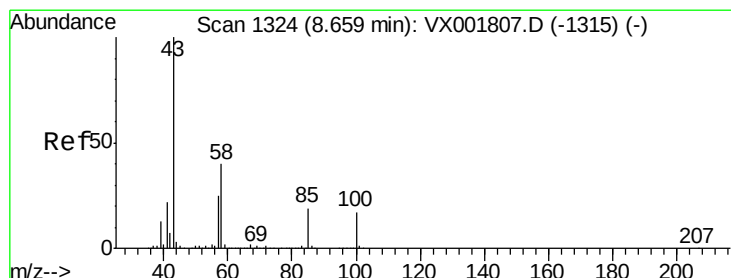
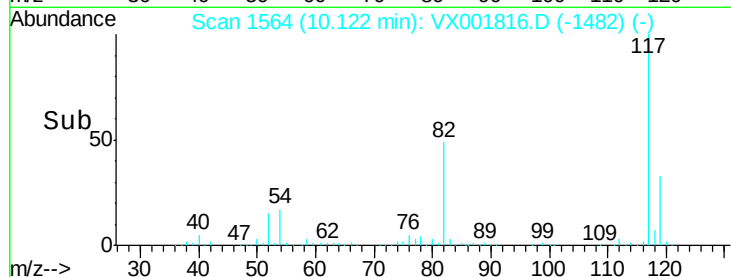
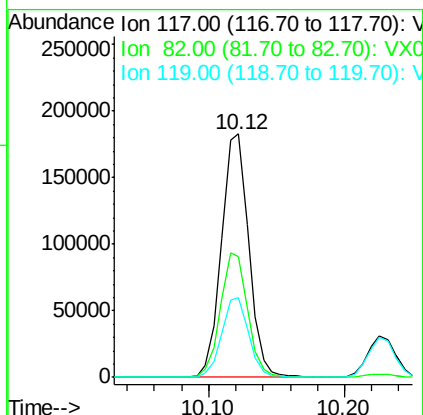
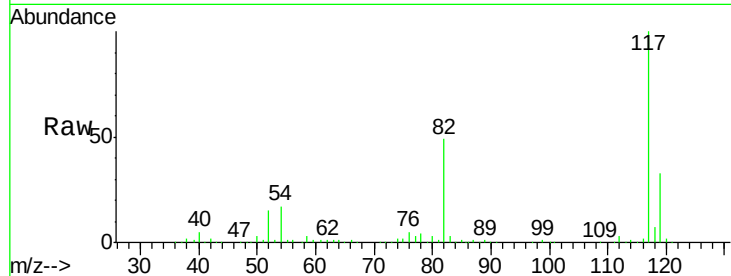




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

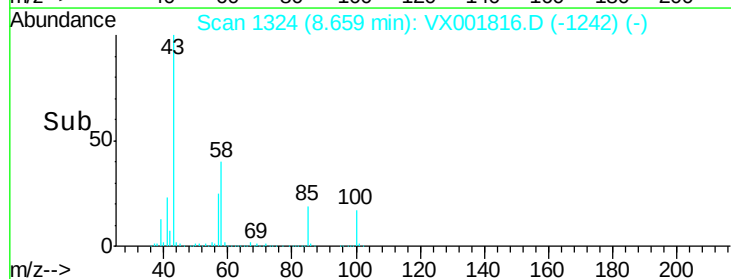
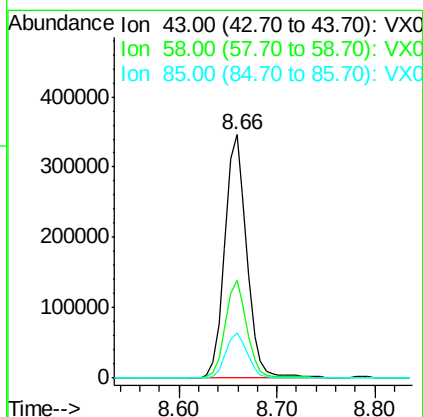
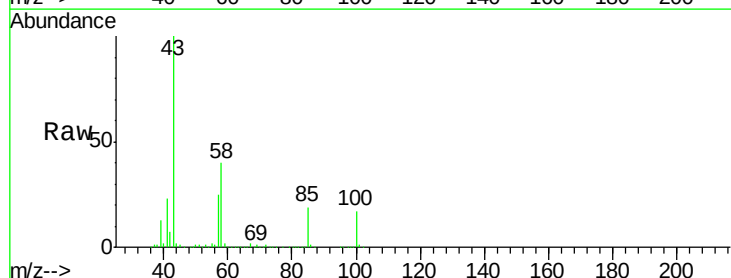
Instrument :
MSVOA_X
ClientSampled :
VX0518WBS01

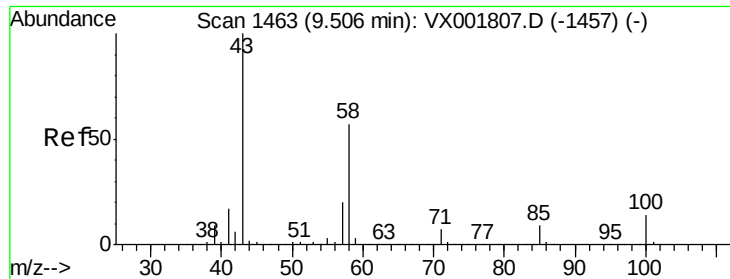
Tot Ion:117 Resp: 255274
Ion Ratio Lower Upper
117 100
82 51.0 40.1 60.1
119 32.3 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 84.98 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 43 Resp: 542296
Ion Ratio Lower Upper
43 100
58 39.2 31.3 46.9
85 18.5 14.5 21.7

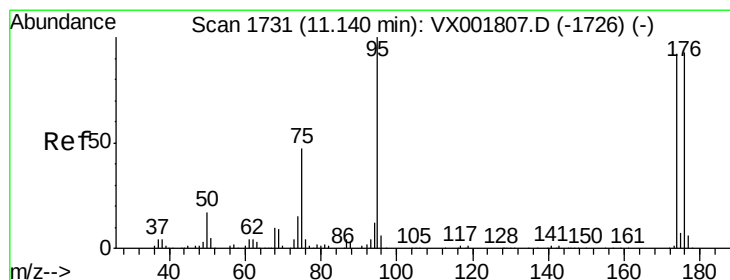
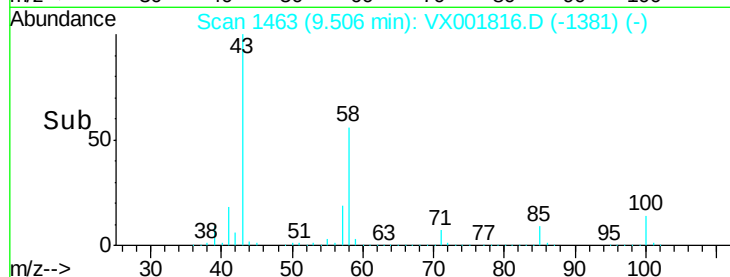
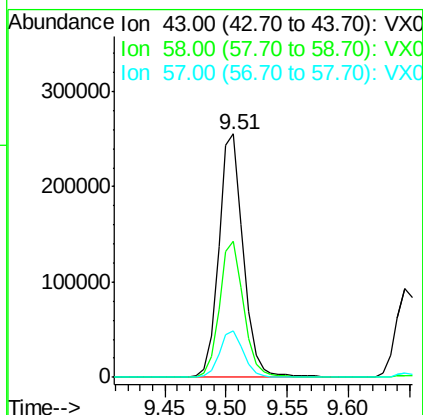
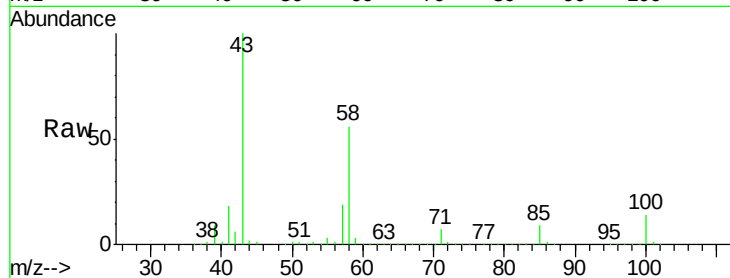




#59
2-Hexanone
Concen: 84.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

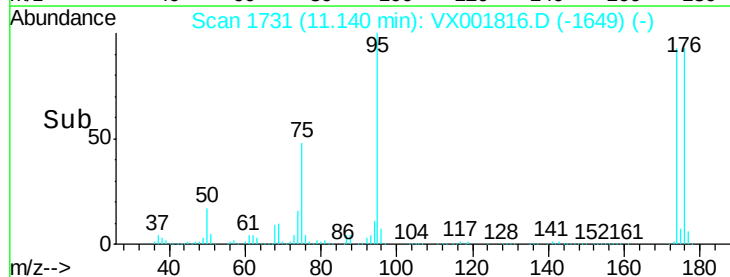
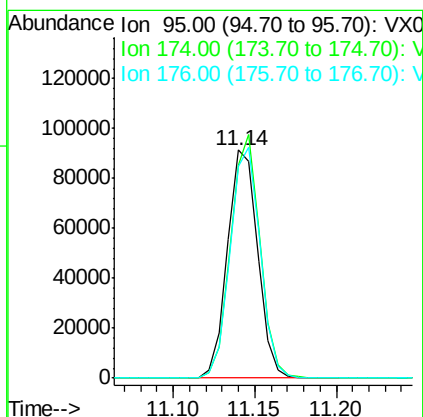
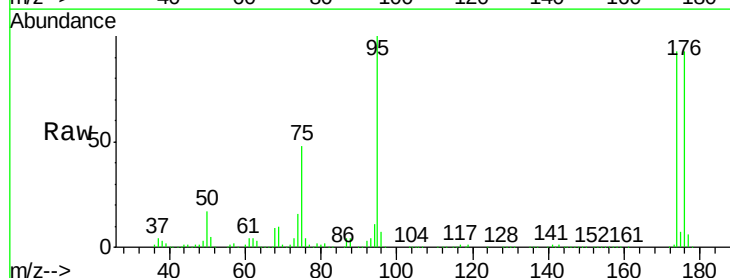
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

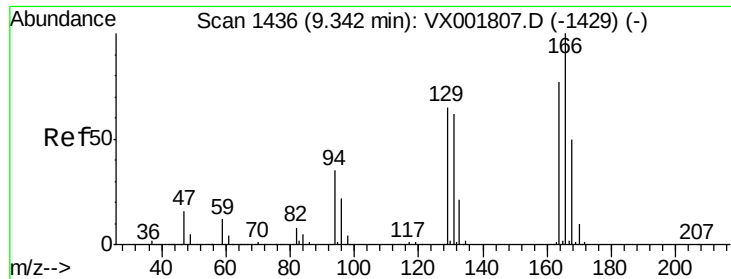
Tot Ion: 43 Resp: 354391
Ion Ratio Lower Upper
43 100
58 55.5 44.6 66.8
57 19.0 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 31.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 95 Resp: 118143
Ion Ratio Lower Upper
95 100
174 102.7 82.0 123.0
176 100.0 80.6 120.8

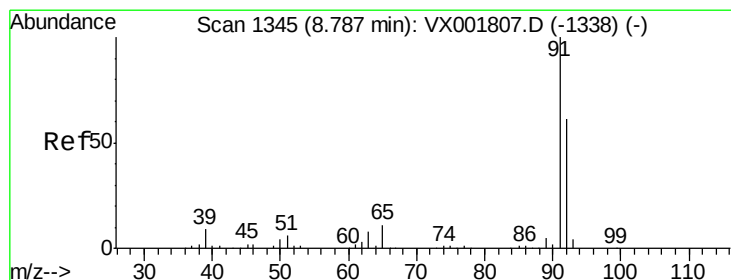
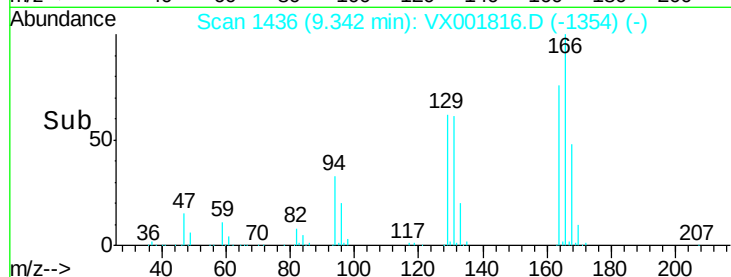
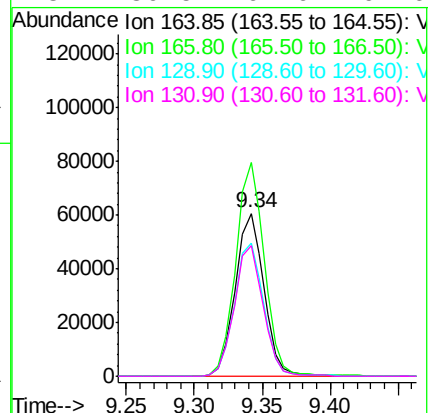
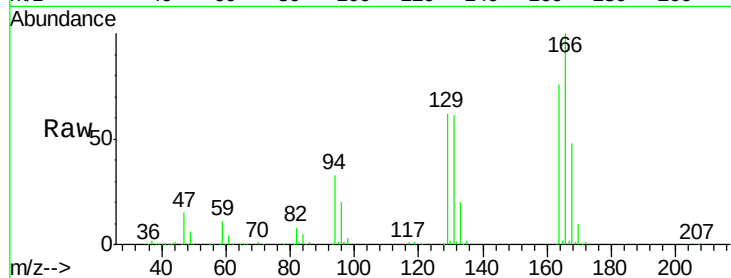




#61
Tetrachloroethene
Concen: 23.71 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

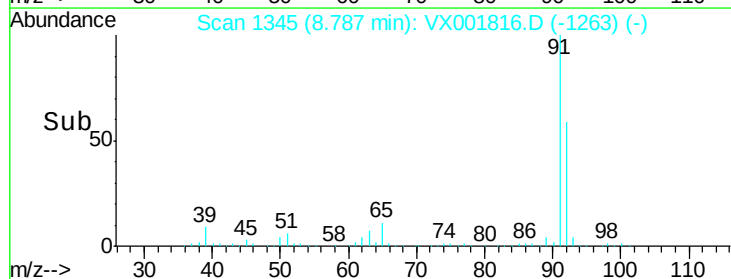
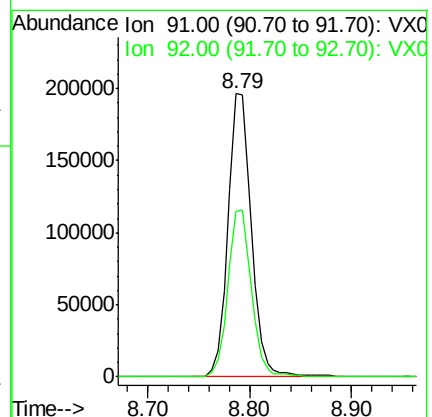
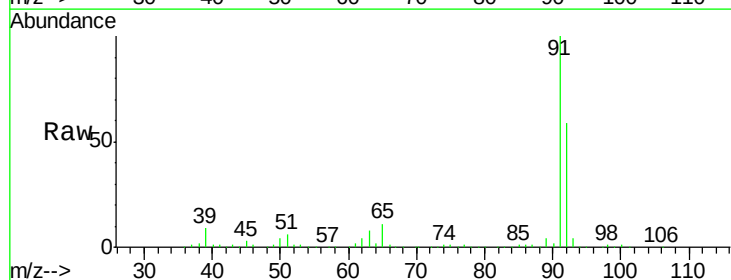
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

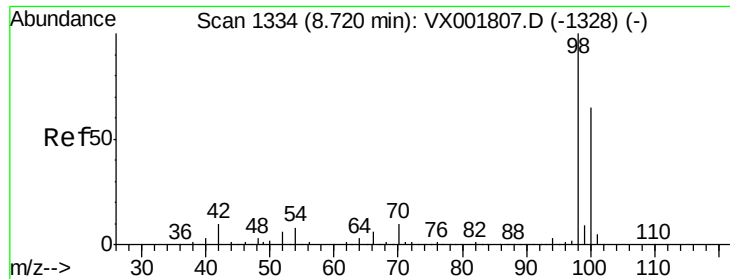
Tot Ion	164	166	129	131
Resp:	89131			
Ion Ratio	100	131.2	81.8	80.5
Lower		104.1	67.8	64.6
Upper		156.1	101.8	97.0



#62
Toluene
Concen: 21.24 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion	91	92
Resp:	312993	
Ion Ratio	100	59.4
Lower		47.8
Upper		71.6

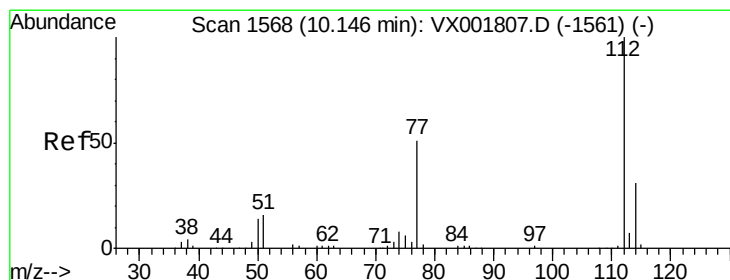
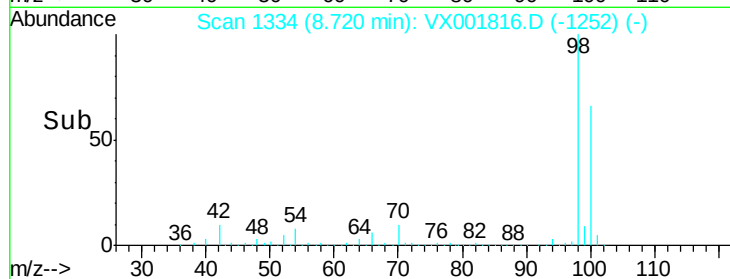
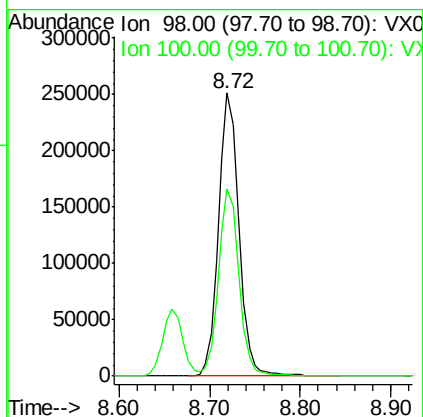
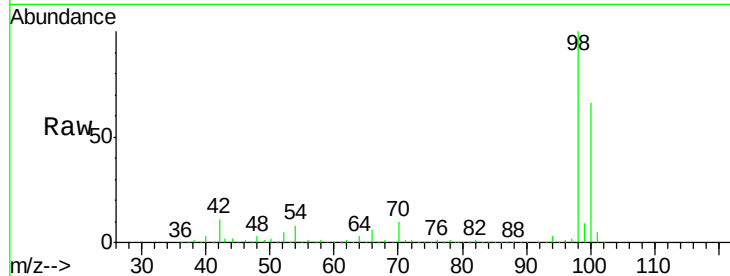




#63
Toluene-d8
Concen: 30.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

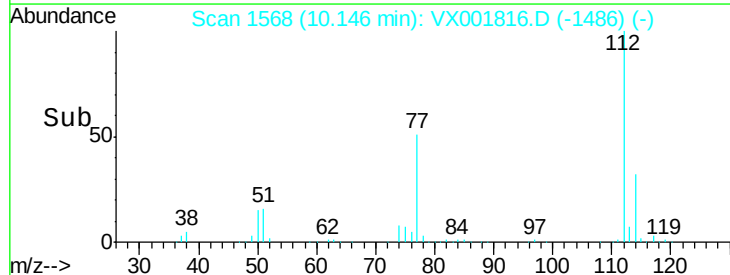
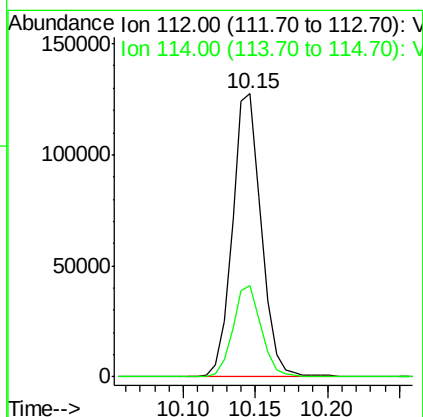
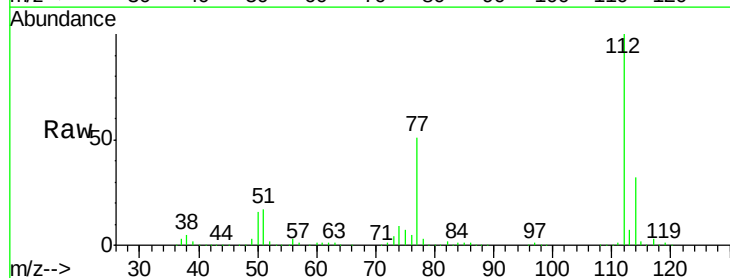
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

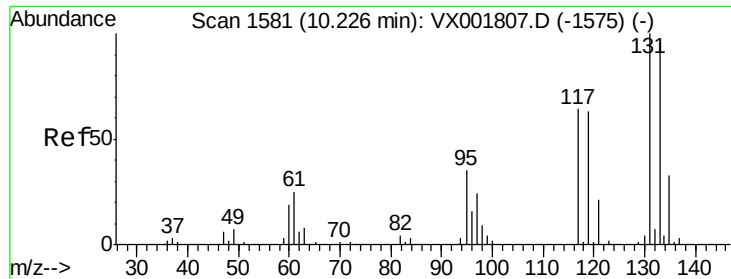
Tot Ion: 98 Resp: 396054
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#64
Chlorobenzene
Concen: 20.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion: 112 Resp: 178423
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.79 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

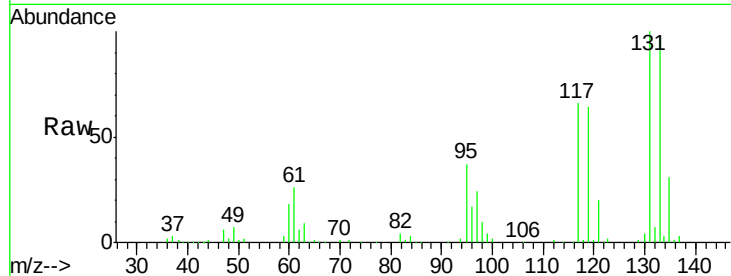
Tot Ion:131 Resp: 65445

Ion Ratio Lower Upper

131 100

133 96.3 0.0 192.2

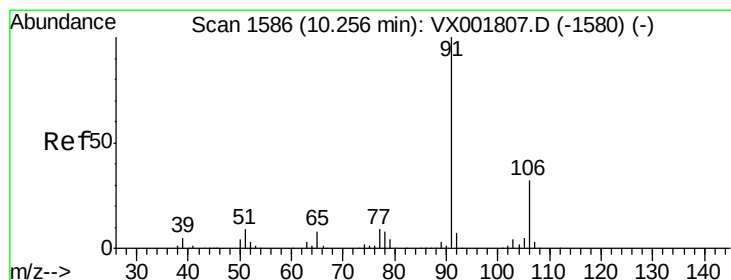
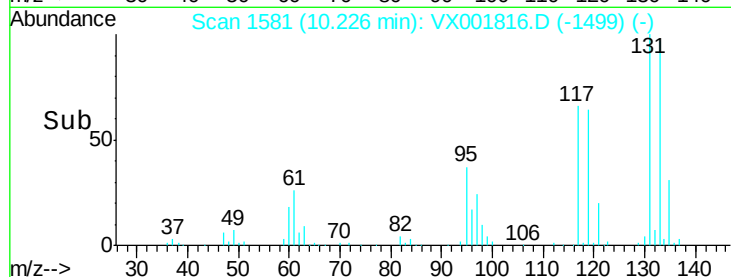
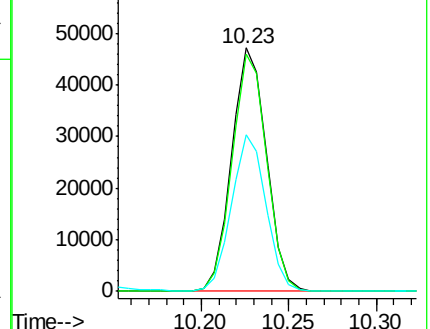
119 63.7 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 23.40 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001816.D

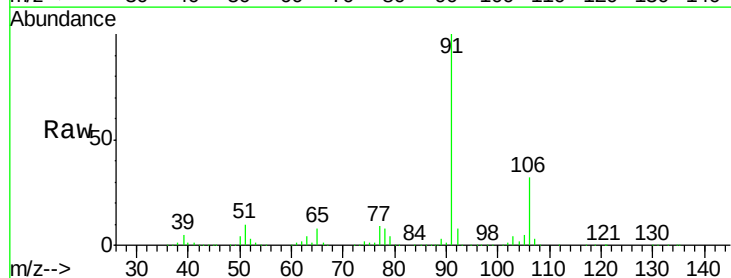
Acq: 18 May 2018 09:07

Tgt Ion: 91 Resp: 286701

Ion Ratio Lower Upper

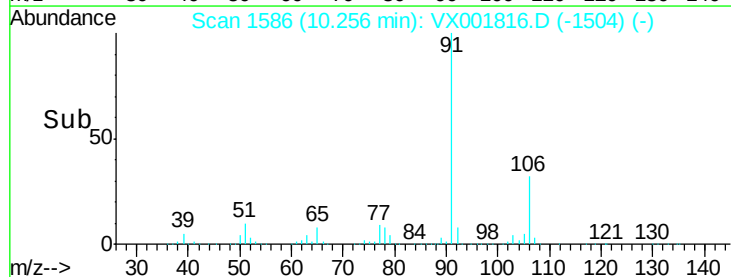
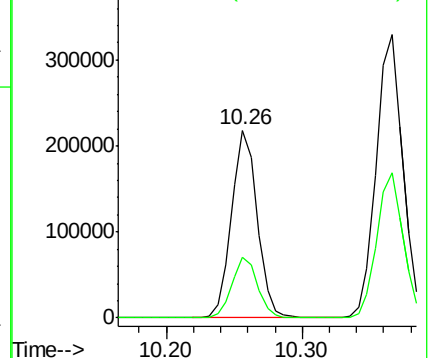
91 100

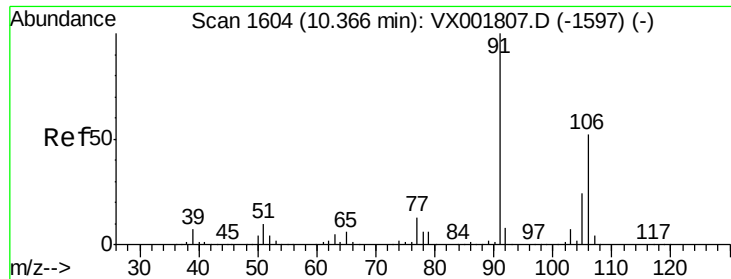
106 32.0 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

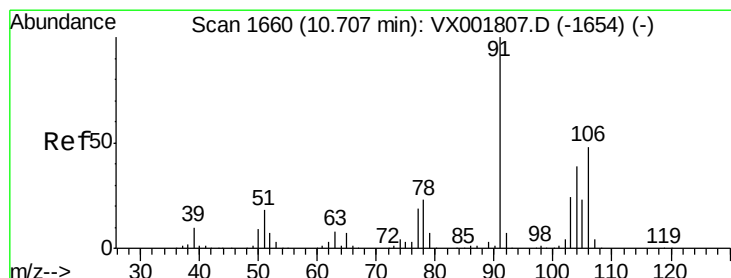
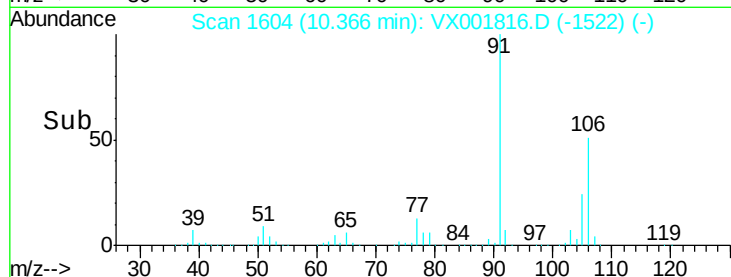
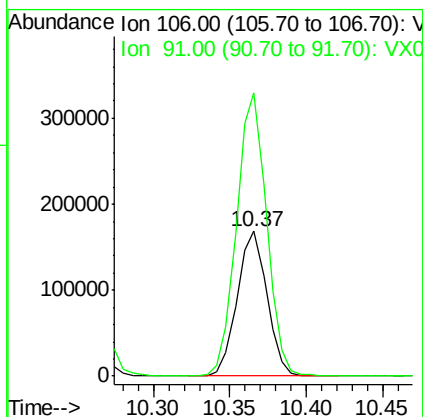
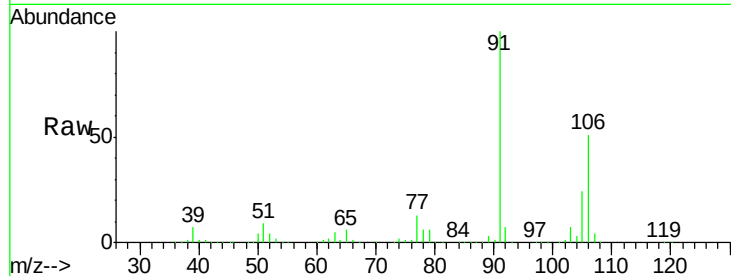




#67
m/p-Xylenes
Concen: 46.63 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

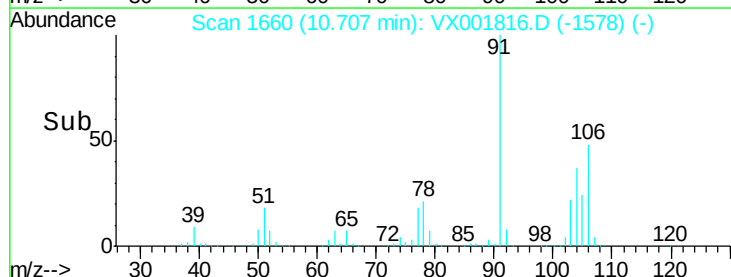
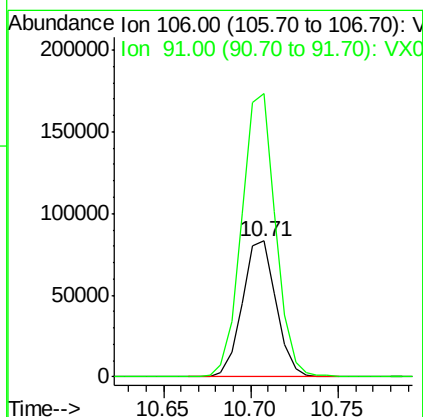
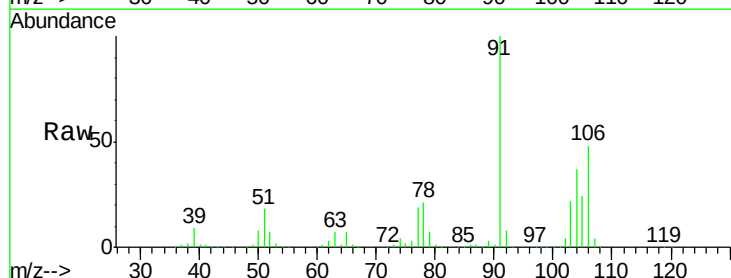
Instrument :
MSVOA_X
ClientSampled :
VX0518WBS01

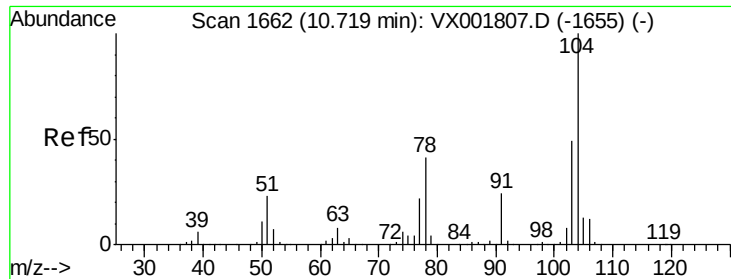
Tot Ion:106 Resp: 228429
Ion Ratio Lower Upper
106 100
91 196.9 154.7 232.1



#68
o-Xylene
Concen: 22.11 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion:106 Resp: 111468
Ion Ratio Lower Upper
106 100
91 208.7 104.3 312.8





#69

Stvrene

Concen: 21.79 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

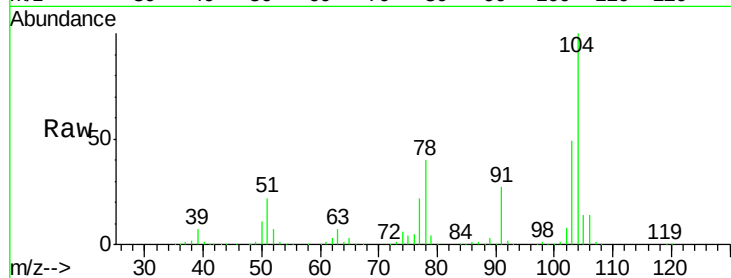
Tot Ion:104 Resp: 183149

Ion Ratio Lower Upper

104 100

78 46.1 37.0 55.6

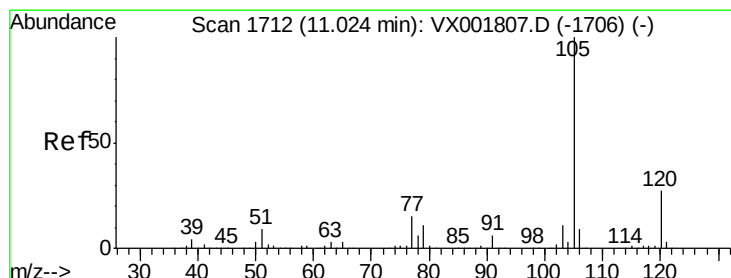
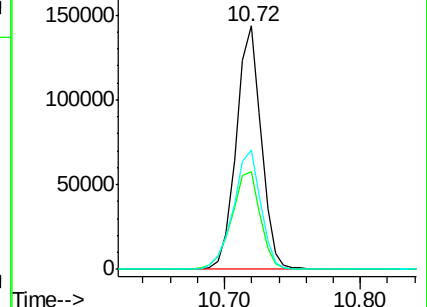
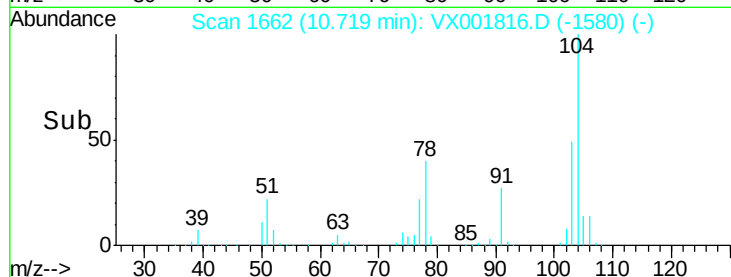
103 53.9 43.5 65.3



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



#70

Isopropylbenzene

Concen: 25.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001816.D

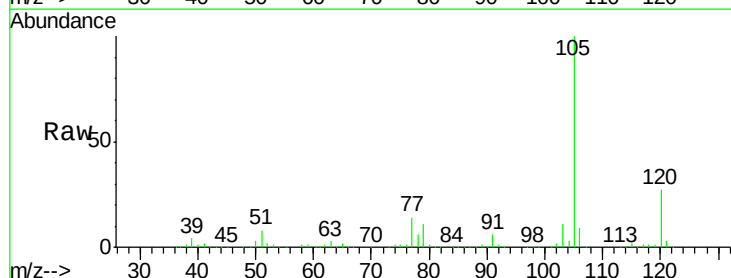
Acq: 18 May 2018 09:07

Tgt Ion:105 Resp: 296268

Ion Ratio Lower Upper

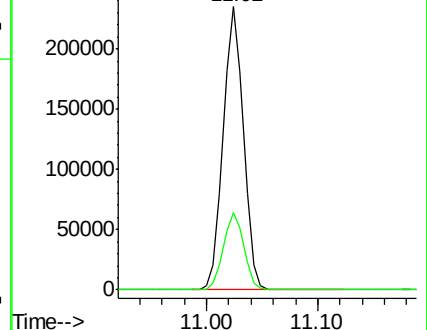
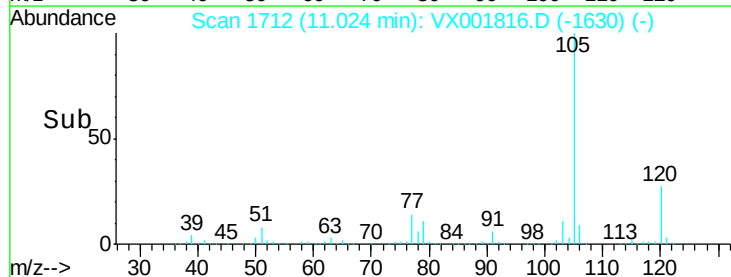
105 100

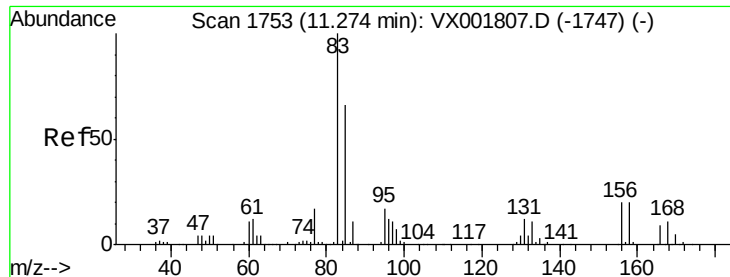
120 27.5 19.3 35.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

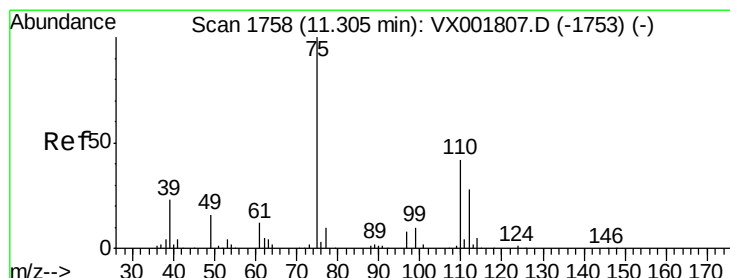
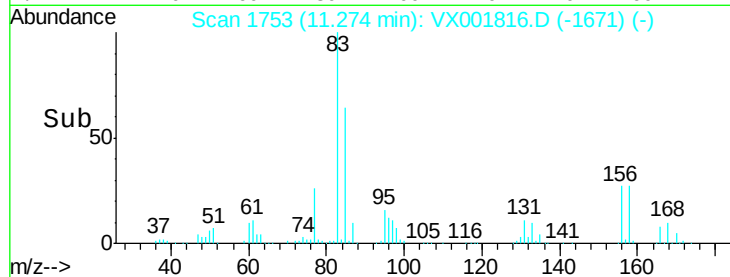
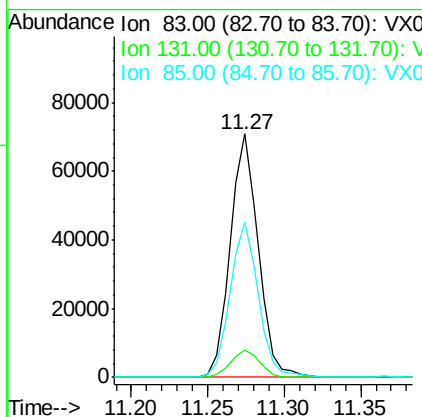
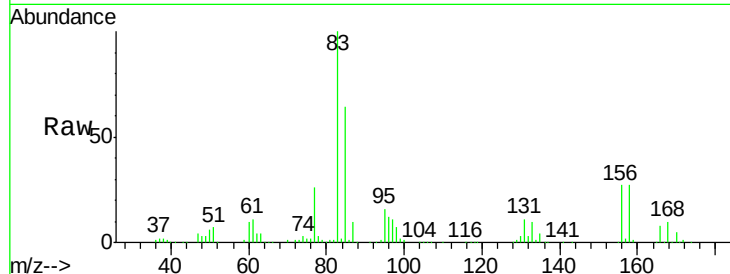




#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.74 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

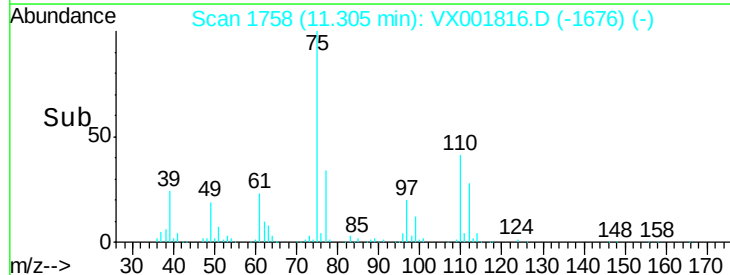
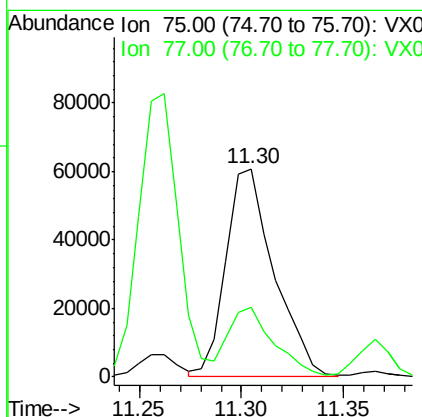
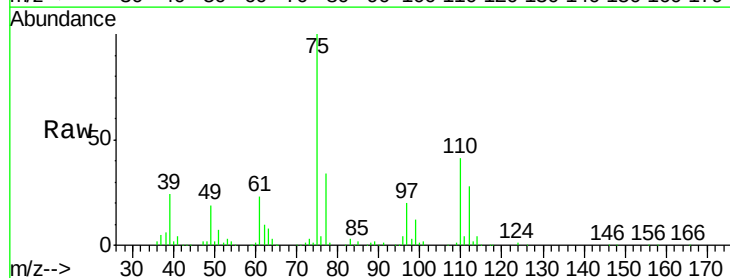
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

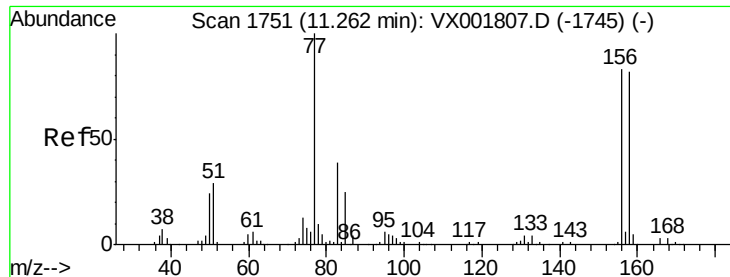
Tot Ion	83	Resp	90014
Ion Ratio	100		
Lower	5.8		
Upper	17.3		
85	64.4	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 19.53 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion	75	Resp	99926
Ion Ratio	100		
Lower	0.0		
Upper	74.6		
77	31.3		





#73

Bromobenzene

Concen: 20.31 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

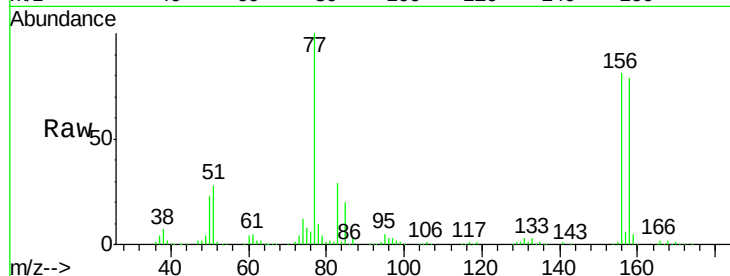
Tot Ion:156 Resp: 85181

Ion Ratio Lower Upper

156 100

77 131.7 0.0 261.8

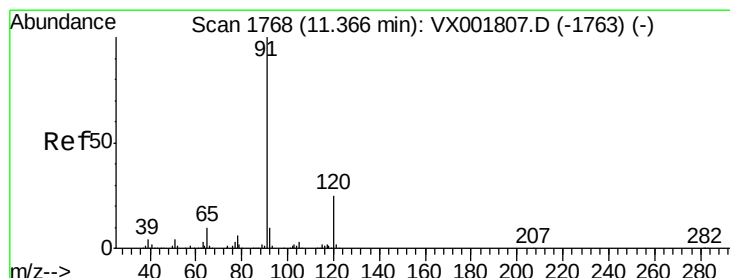
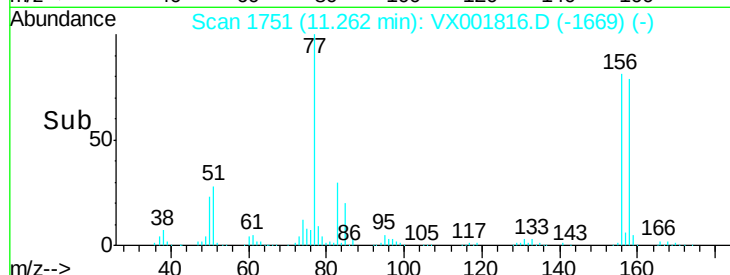
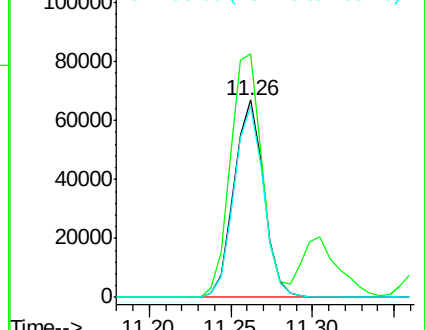
158 96.7 0.0 198.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 26.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001816.D

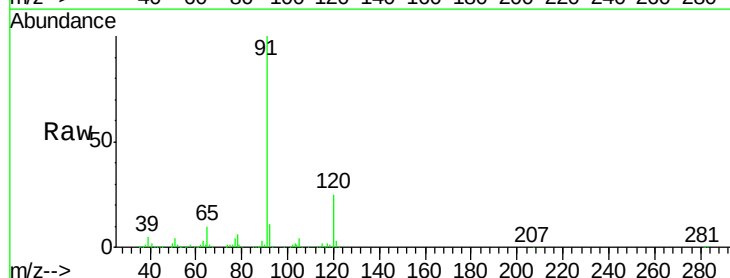
Acq: 18 May 2018 09:07

Tgt Ion: 91 Resp: 322351

Ion Ratio Lower Upper

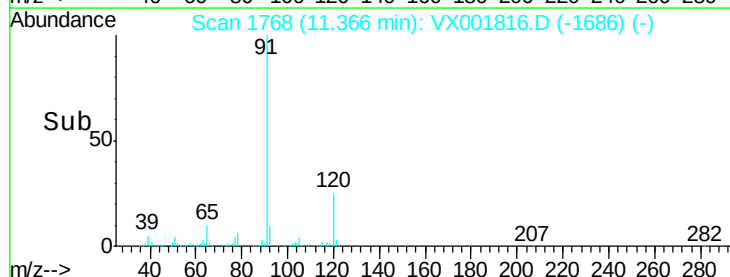
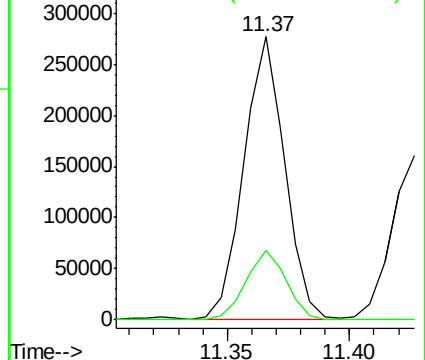
91 100

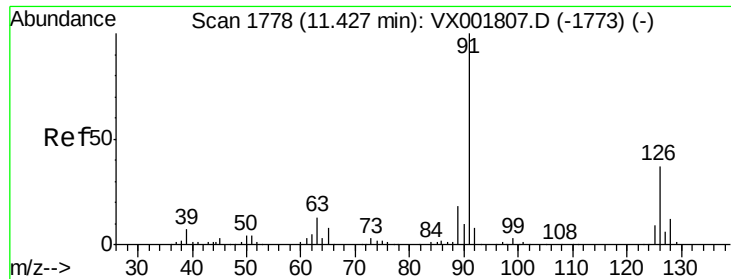
120 24.2 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 23.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

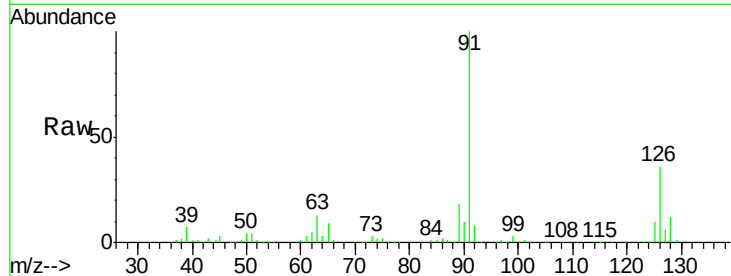
VX0518WBS01

Tot Ion: 91 Resp: 198938

Ion Ratio Lower Upper

91 100

126 36.5 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001807.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001807.D (-1773) (-)

300000

250000

200000

150000

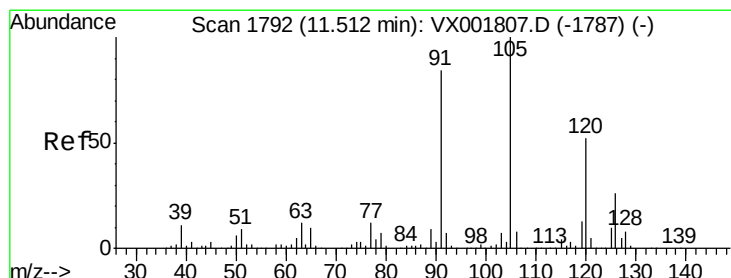
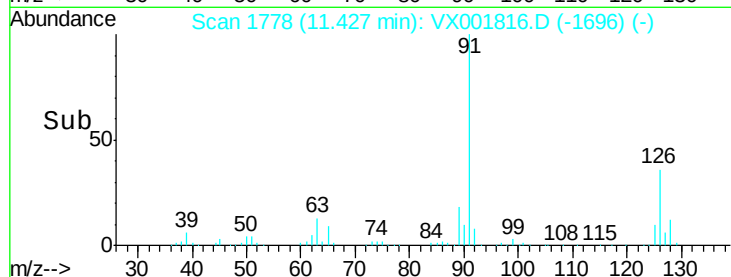
100000

50000

0

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 24.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001816.D

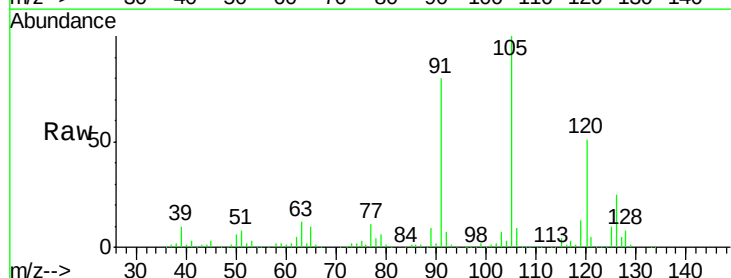
Acq: 18 May 2018 09:07

Tgt Ion:105 Resp: 243348

Ion Ratio Lower Upper

105 100

120 51.7 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): VX001807.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001807.D (-1787) (-)

200000

150000

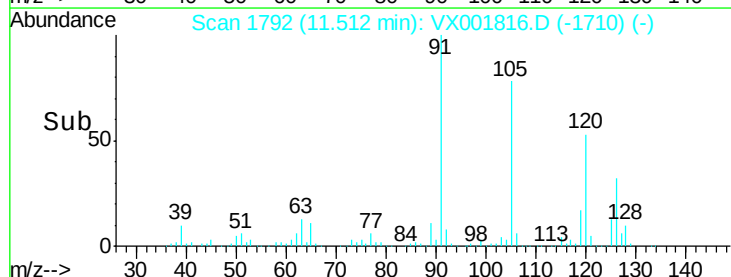
100000

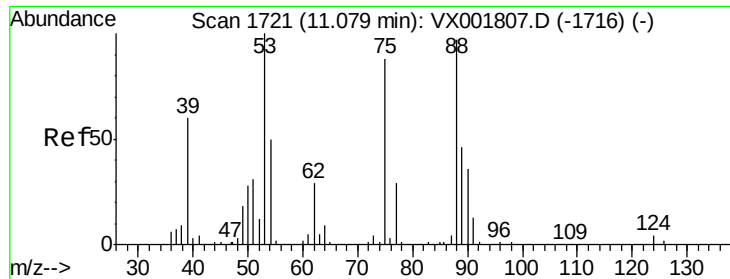
50000

0

11.45 11.50 11.55 11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.56 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

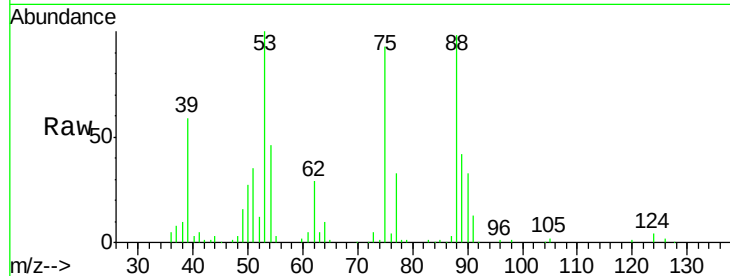
Tot Ion: 75 Resp: 18079

Ion Ratio Lower Upper

75 100

53 108.0 57.0 170.8

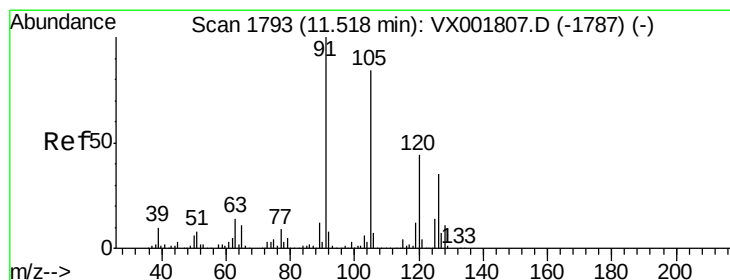
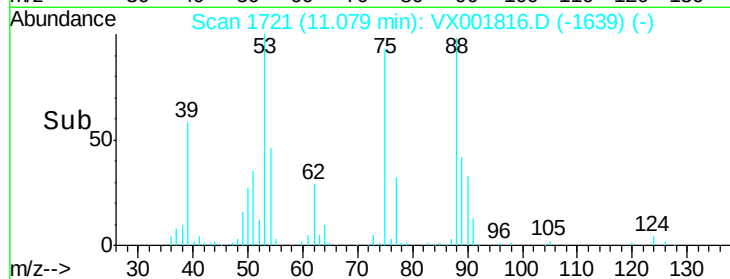
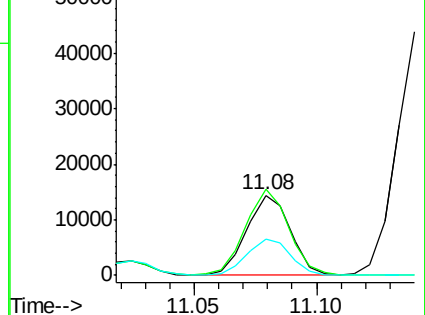
89 45.7 26.3 78.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 23.60 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001816.D

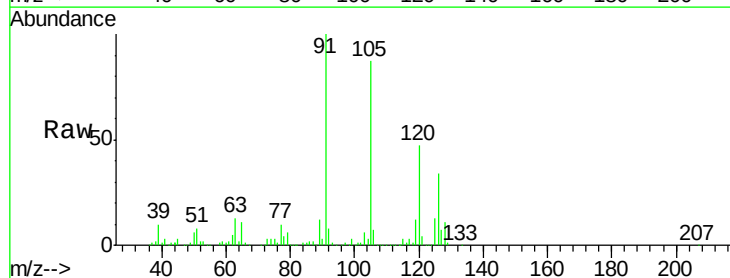
Acq: 18 May 2018 09:07

Tgt Ion: 91 Resp: 220722

Ion Ratio Lower Upper

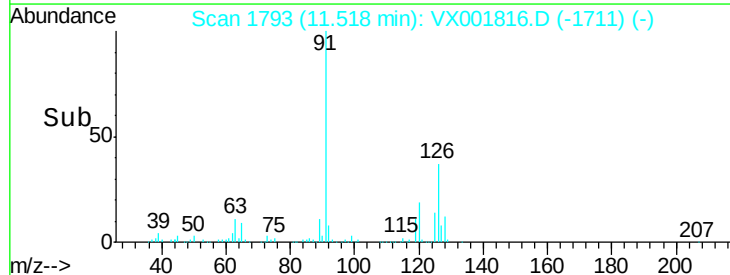
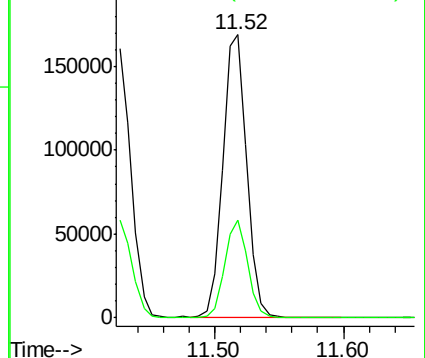
91 100

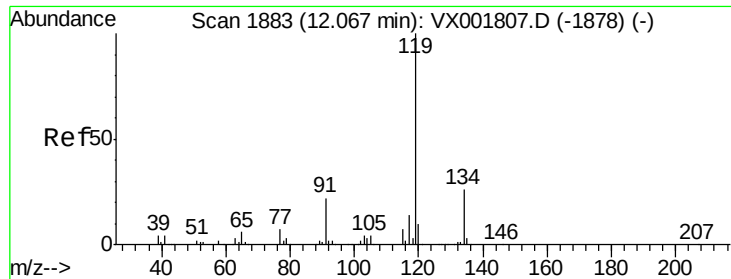
126 32.9 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

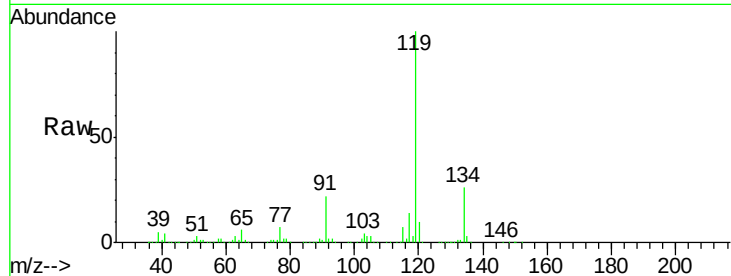




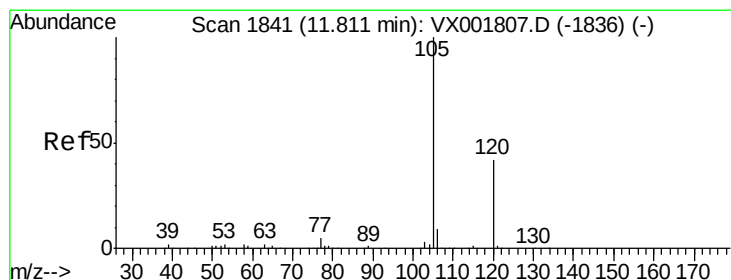
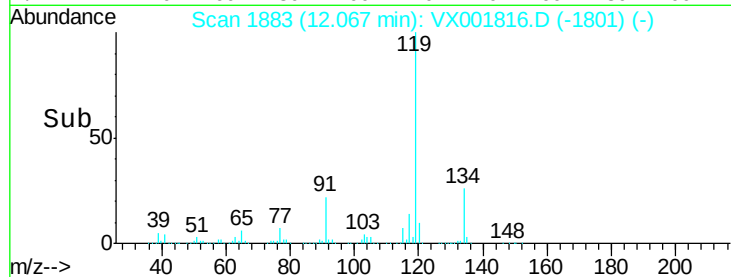
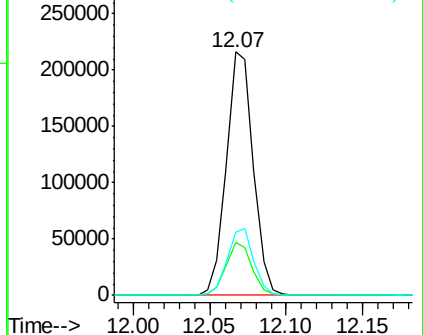
#79
tert-butylbenzene
Concen: 27.14 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion:119 Resp: 263477
Ion Ratio Lower Upper
119 100
91 21.0 0.0 43.2
134 26.8 0.0 54.6

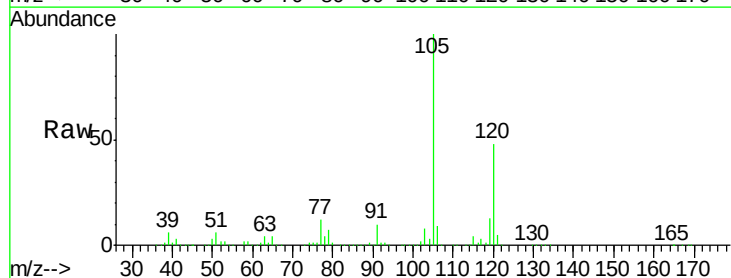


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

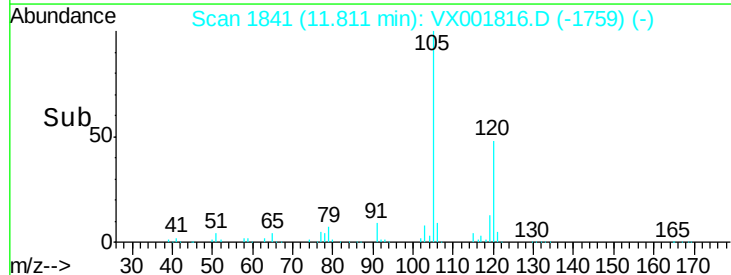
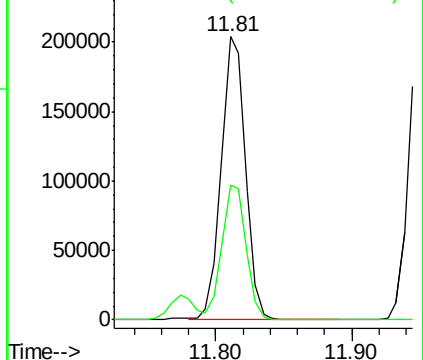


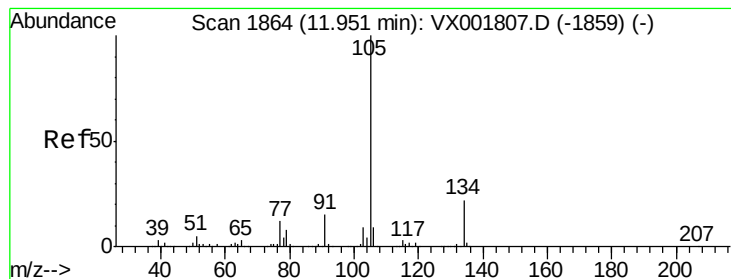
#80
1,2,4-Trimethylbenzene
Concen: 24.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion:105 Resp: 251122
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 27.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

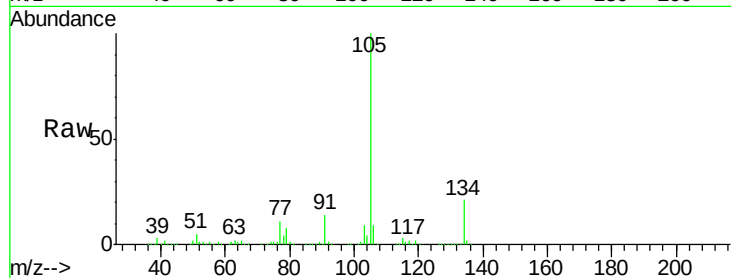
VX0518WBS01

Tot Ion:105 Resp: 288813

Ion Ratio Lower Upper

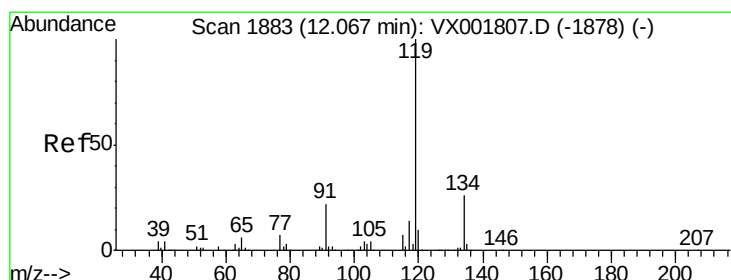
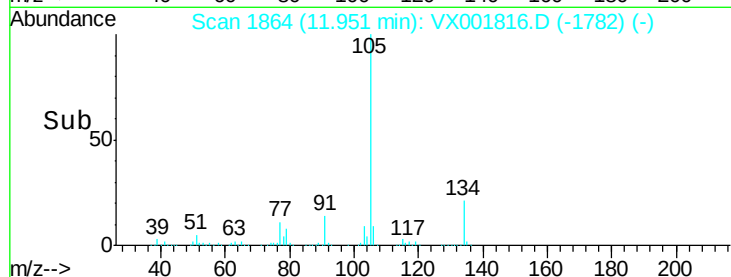
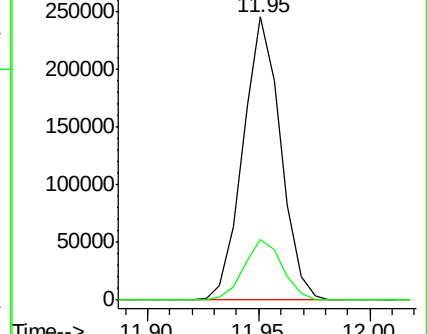
105 100

134 21.8 0.0 44.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 27.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

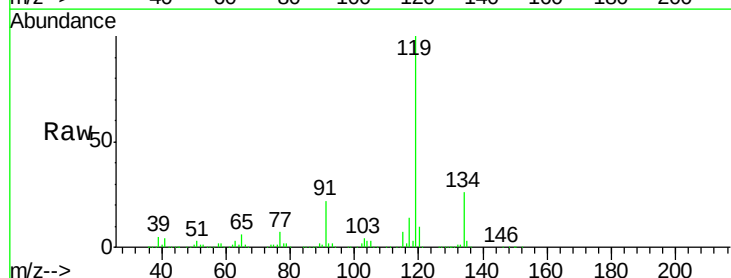
Tgt Ion:119 Resp: 263477

Ion Ratio Lower Upper

119 100

134 26.8 0.0 54.6

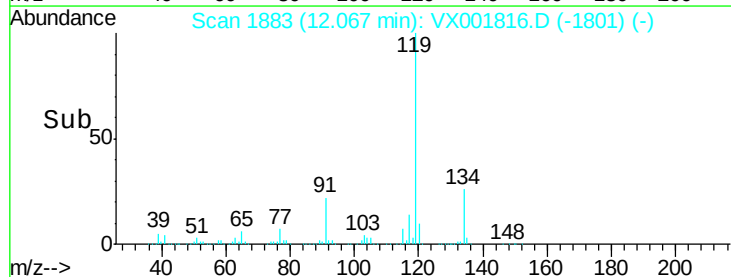
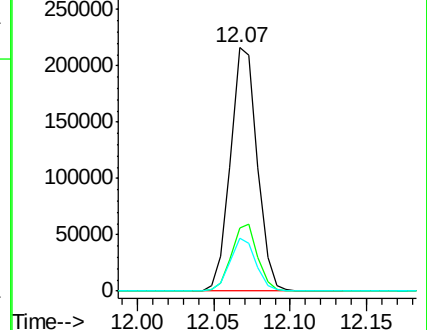
91 21.0 0.0 43.2

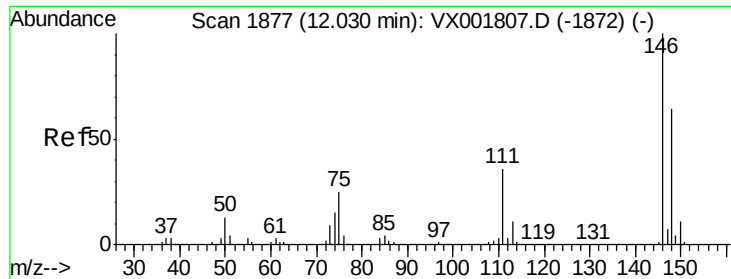


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

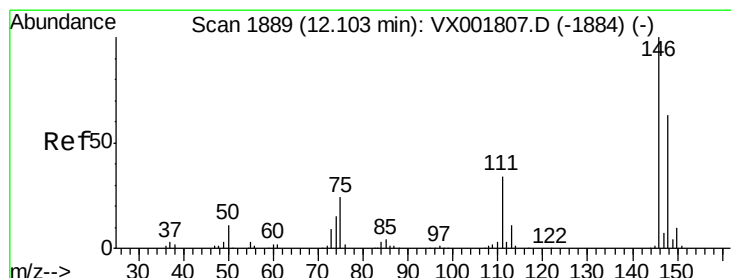
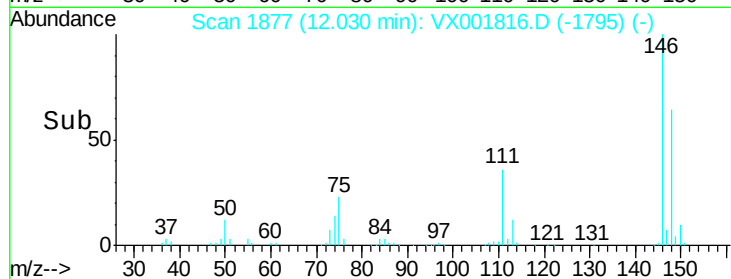
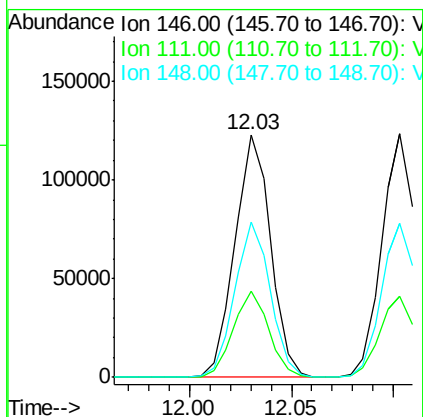
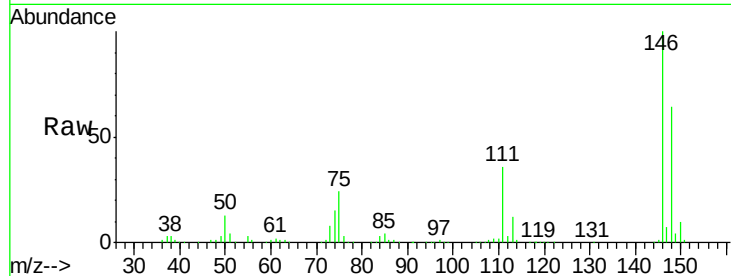




#83
 1,3-Dichlorobenzene
 Concen: 22.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

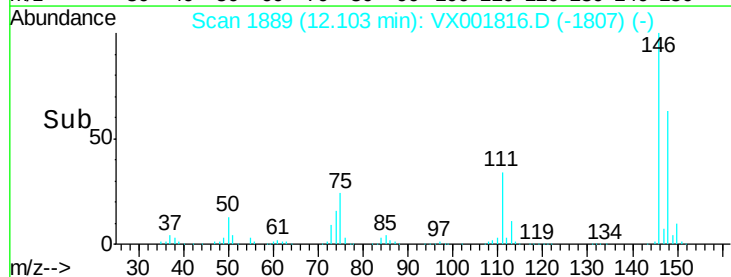
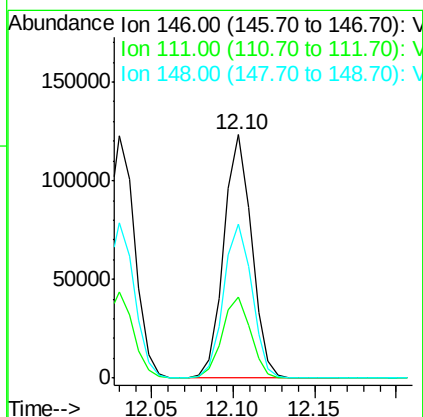
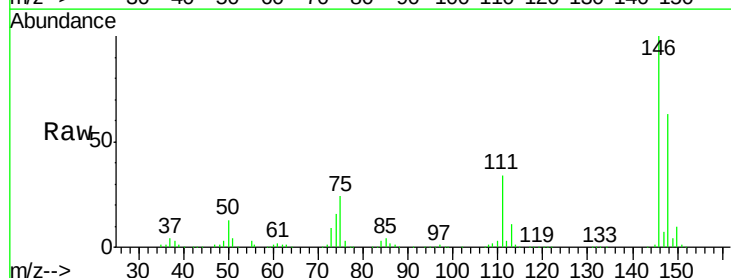
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

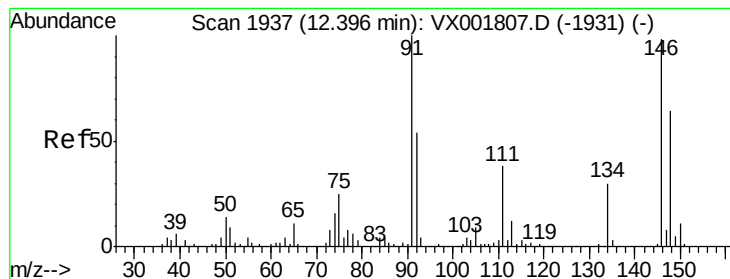
Tot Ion:146 Resp: 149320
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.0 54.0
 148 63.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 22.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion:146 Resp: 146928
 Ion Ratio Lower Upper
 146 100
 111 34.0 17.1 51.2
 148 64.4 31.8 95.3





#85

n-Butylbenzene

Concen: 27.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001816.D

Acq: 18 May 2018 09:07

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

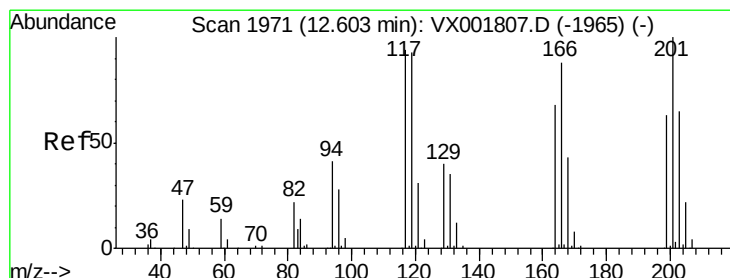
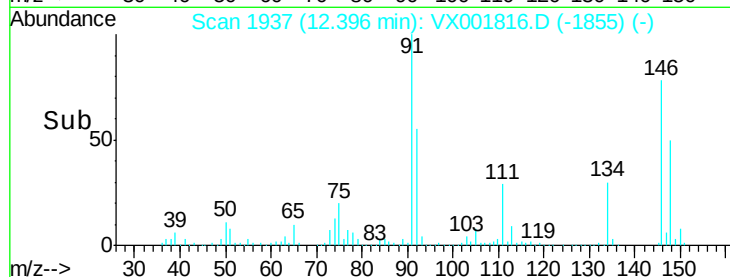
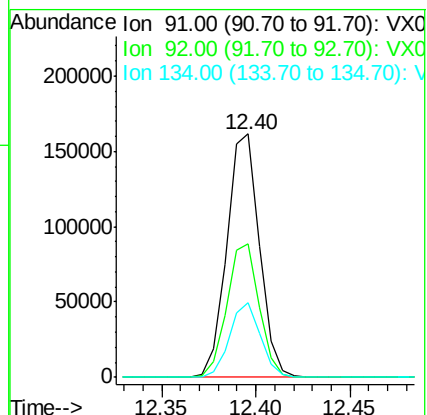
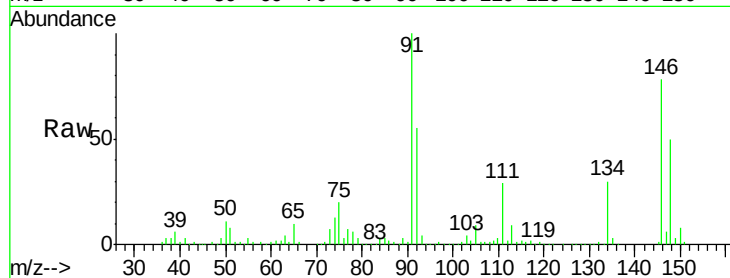
Tot Ion: 91 Resp: 193166

Ion Ratio Lower Upper

91 100

92 54.6 0.0 108.2

134 29.3 0.0 57.8



#86

Hexachloroethane

Concen: 25.87 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001816.D

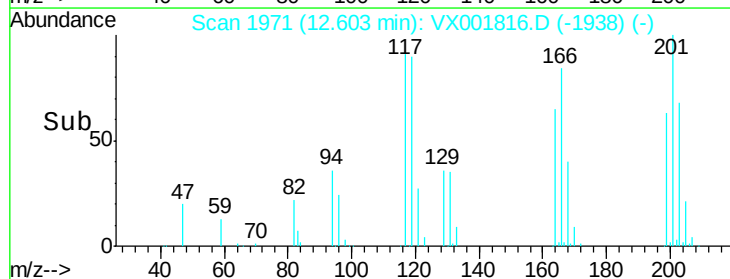
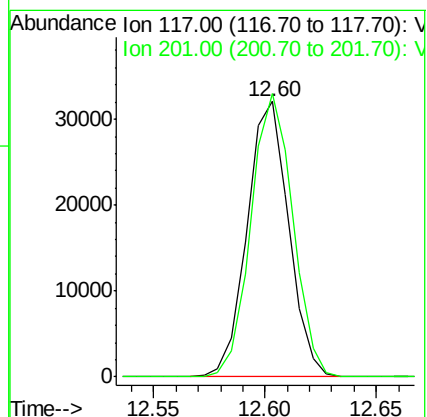
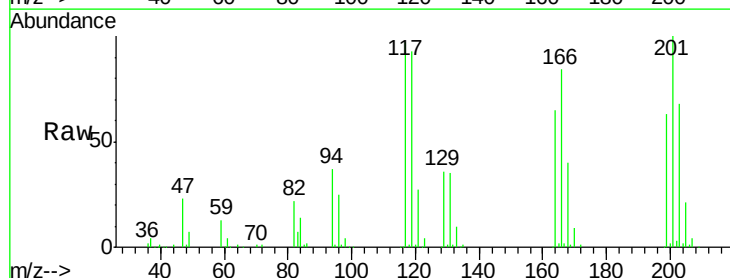
Acq: 18 May 2018 09:07

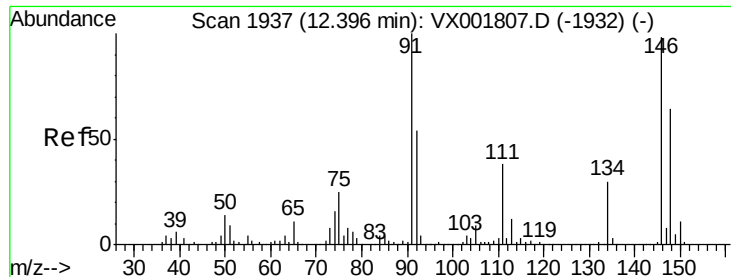
Tgt Ion: 117 Resp: 41853

Ion Ratio Lower Upper

117 100

201 103.2 53.0 159.0

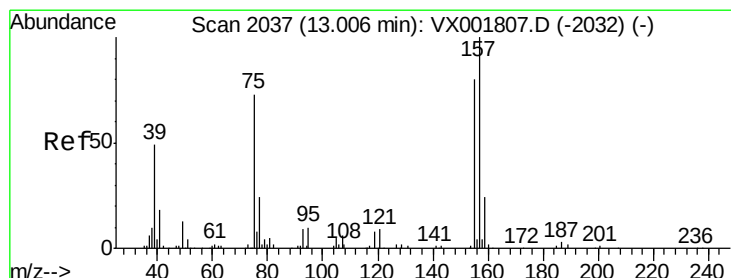
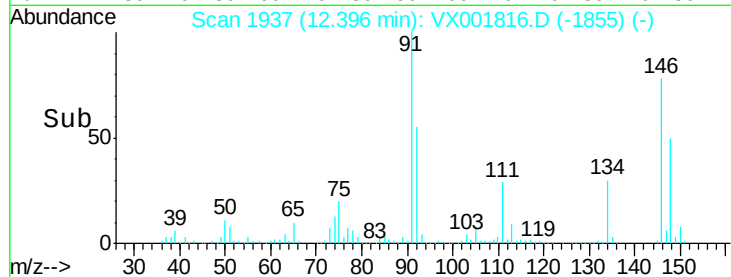
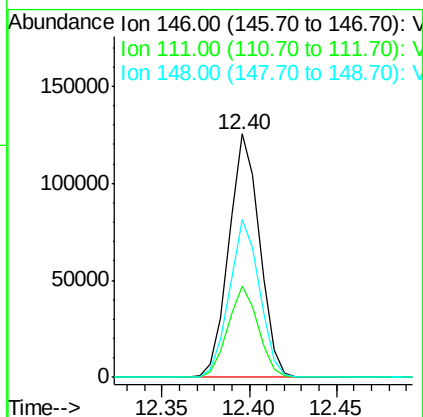
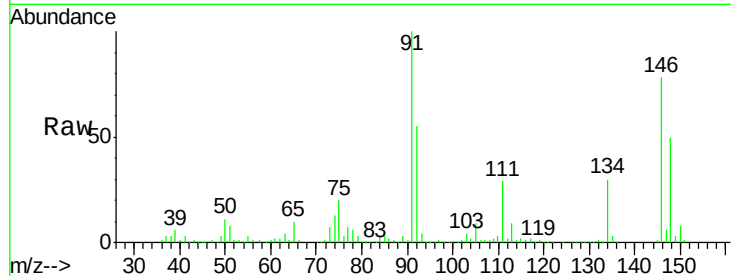




#87
 1,2-Dichlorobenzene
 Concen: 21.66 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

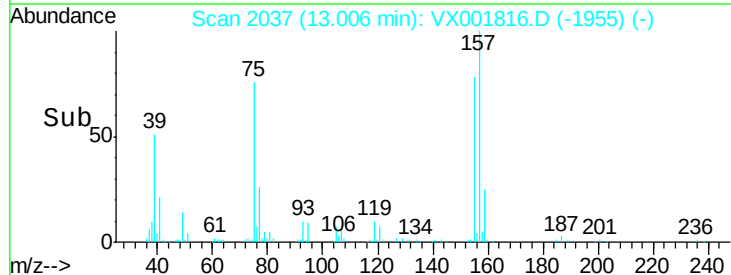
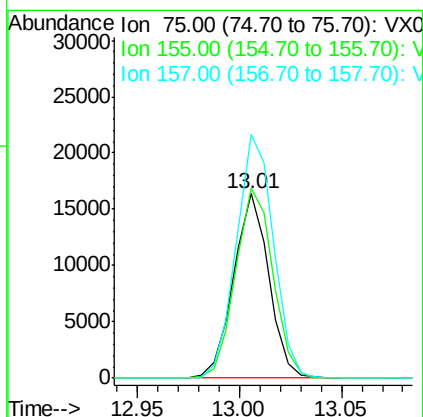
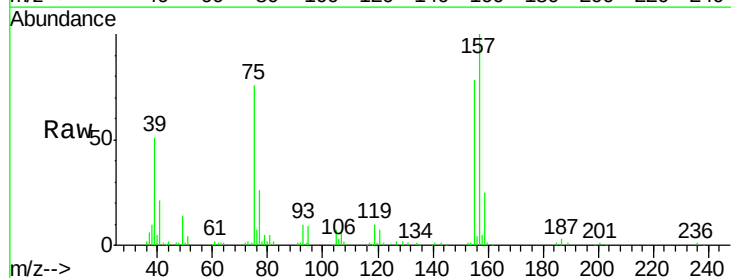
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

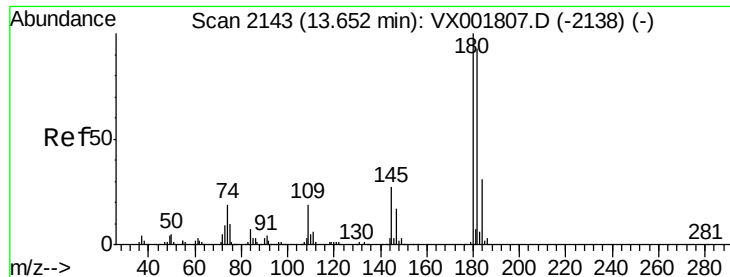
Tot Ion:146 Resp: 153574
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.5
 148 63.7 32.9 98.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.18 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion: 75 Resp: 19582
 Ion Ratio Lower Upper
 75 100
 155 109.0 88.5 132.7
 157 139.8 111.0 166.4

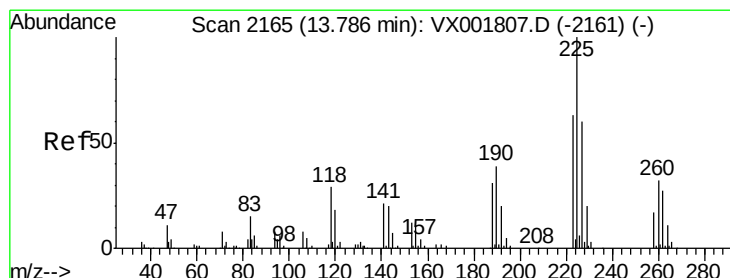
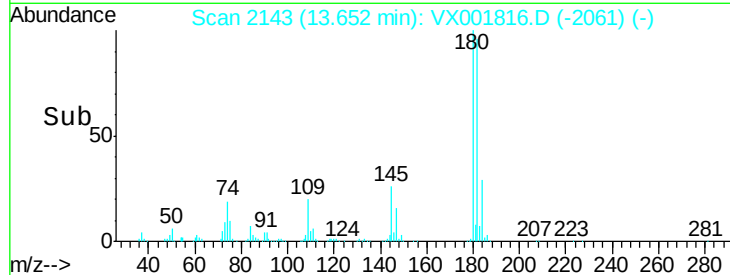
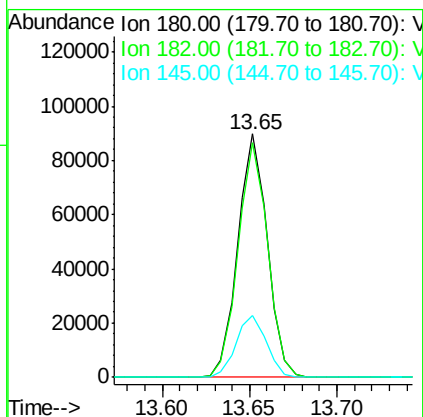
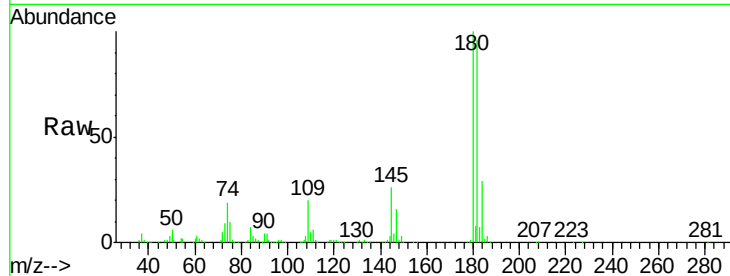




#89
 1,2,4-Trichlorobenzene
 Concen: 23.49 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

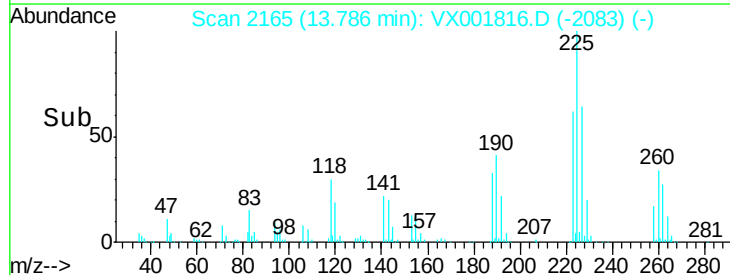
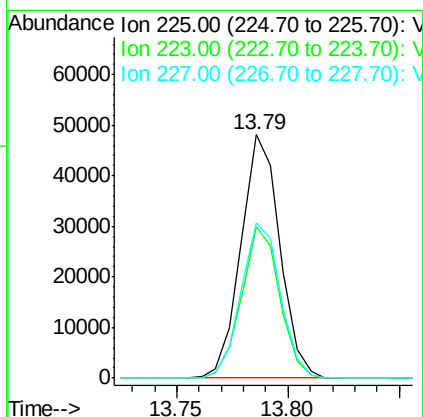
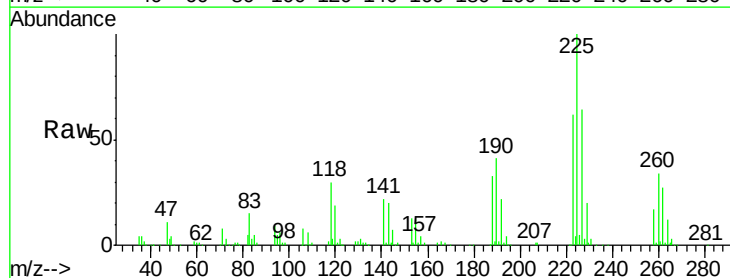
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

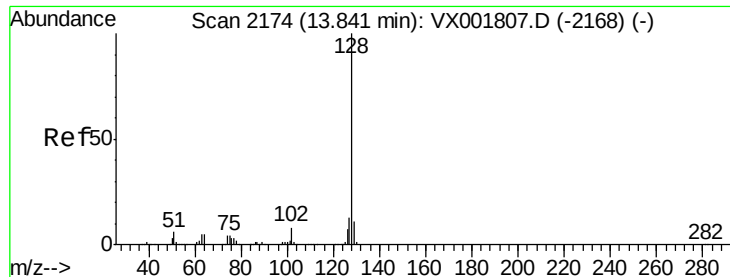
Tot Ion:180 Resp: 104993
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.6 113.4
 145 26.4 21.6 32.4



#90
 Hexachlorobutadiene
 Concen: 26.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001816.D
 Acq: 18 May 2018 09:07

Tgt Ion:225 Resp: 58686
 Ion Ratio Lower Upper
 225 100
 223 61.0 0.0 123.6
 227 64.5 0.0 124.0

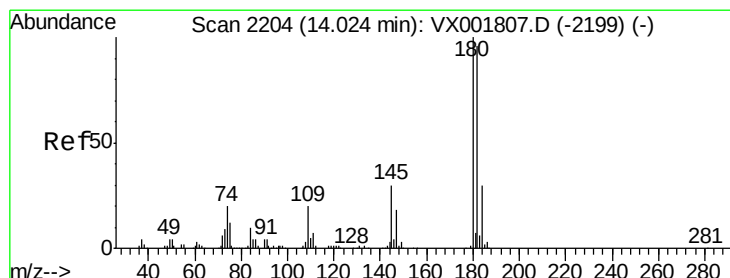
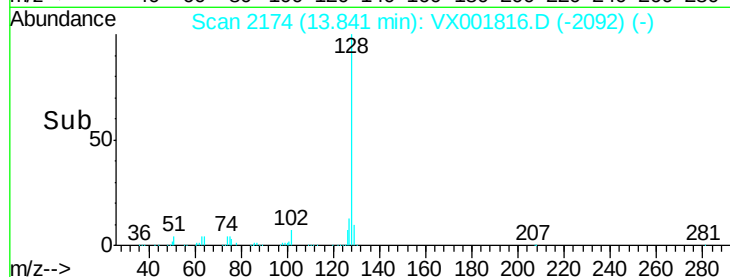
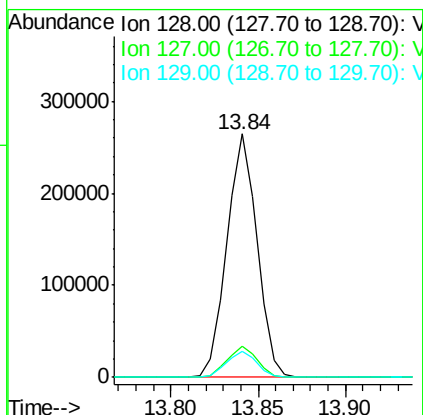
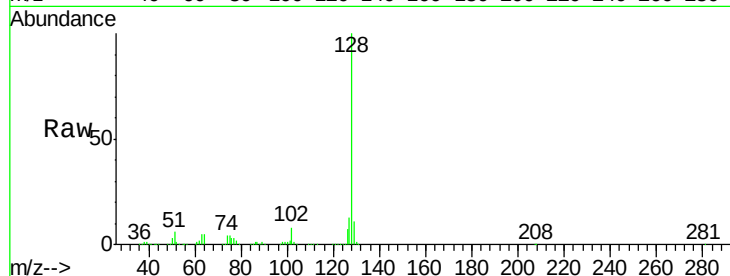




#91
Naphthalene
Concen: 20.39 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion:128 Resp: 317391
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 22.99 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001816.D
Acq: 18 May 2018 09:07

Tgt Ion:180 Resp: 115592
Ion Ratio Lower Upper
180 100
182 95.5 0.0 188.8
145 27.6 0.0 56.6

