

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
 Data File : VX001806.D
 Acq On : 18 May 2018 04:14
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: May 18 06:10:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	59894	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	257747	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	204118	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	117468	27.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.07%
60) 4-Bromofluorobenzene	11.14	95	91888	28.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.13%
63) Toluene-d8	8.72	98	309678	33.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.57%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18101	7.05	ug/l	98
3) Chloromethane	1.32	50	33109	10.59	ug/l	100
4) Vinyl Chloride	1.40	62	28312	8.96	ug/l	97
5) Bromomethane	1.64	94	22923	14.39	ug/l	97
6) Chloroethane	1.73	64	21481	10.03	ug/l	97
7) Trichlorofluoromethane	1.93	101	32463	7.43	ug/l	98
8) Diethyl Ether	2.19	74	22413	10.87	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18897	7.83	ug/l	99
10) 1,1-Dichloroethene	2.37	96	22214	8.61	ug/l	97
11) Methyl Iodide	2.51	142	30346	7.89	ug/l	97
12) Methyl Acetate	2.78	43	55858	11.87	ug/l	98
13) Acrolein	2.30	56	30773	56.45	ug/l	100
14) Acrylonitrile	3.15	53	104046	55.93	ug/l	99
15) Acetone	2.45	58	29167	58.14	ug/l	97
16) Carbon Disulfide	2.57	76	53688	8.35	ug/l	99
17) Allyl chloride	2.73	41	47729	9.43	ug/l	93
18) Methylene Chloride	2.86	84	34060	10.66	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	27587	9.63	ug/l	97
20) Diisopropyl ether	3.88	45	105006	10.71	ug/l	98
21) 1,1-Dichloroethane	3.70	63	54818	10.01	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	34816	10.46	ug/l	98
23) tert-Butyl Alcohol	3.08	59	43871	53.70	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	104638	10.61	ug/l	99
25) Chloroform	5.22	83	58496	10.26	ug/l	96
26) Cyclohexane	5.58	56	29997	7.87	ug/l	# 97
29) 1,1-Dichloropropene	5.80	75	30019	9.64	ug/l	99
30) 2-Butanone	4.72	43	141034	63.98	ug/l	100
31) 2,2-Dichloropropane	4.59	77	19844	7.82	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	41083	10.32	ug/l	98
33) Carbon Tetrachloride	5.79	117	32442	9.39	ug/l	99
34) Benzene	6.15	78	123846	11.87	ug/l	98
35) Methacrylonitrile	5.07	41	29501	12.40	ug/l	91
36) 1,2-Dichloroethane	6.20	62	48659	11.80	ug/l	100
37) Trichloroethene	7.22	130	33909	11.26	ug/l	100
38) Methylcyclohexane	7.46	83	27383	8.43	ug/l	100
39) 1,2-Dichloropropane	7.52	63	32544	12.28	ug/l	97
40) Dibromomethane	7.67	93	24037	12.65	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: May 18 06:10:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	40288	11.39	ug/l	99
42) Vinyl Acetate	3.83	43	352562	51.03	ug/l	100
43) Ethyl Acetate	4.87	43	53196	12.67	ug/l	98
44) Isopropyl Acetate	6.48	43	72300	11.31	ug/l	100
45) 1,4-Dioxane	7.76	88	18295	243.88	ug/l	100
46) Methyl methacrylate	7.79	41	38588	11.25	ug/l	98
47) n-amyl Acetate	10.90	43	48981	9.36	ug/l	98
48) t-1,3-Dichloropropene	8.44	75	41053	10.60	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	35734	10.45	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	31908	11.56	ug/l	98
51) Ethyl methacrylate	9.19	69	40934	10.32	ug/l	99
52) 1,3-Dichloropropane	9.38	76	51988	11.49	ug/l	100
53) Dibromochloromethane	9.59	129	30351	10.66	ug/l	98
54) 1,2-Dibromoethane	9.68	107	32939	11.41	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	120315	55.76	ug/l	99
56) Bromoform	10.86	173	23719	10.12	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	265206	67.74	ug/l	100
59) 2-Hexanone	9.51	43	177126	62.48	ug/l	98
61) Tetrachloroethene	9.34	164	31844	10.95	ug/l	97
62) Toluene	8.79	91	124072	12.42	ug/l	98
64) Chlorobenzene	10.15	112	72418	11.32	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	29169	11.81	ug/l	98
66) Ethyl Benzene	10.26	91	100019	10.08	ug/l	100
67) m/p-Xylenes	10.37	106	80653	20.39	ug/l	99
68) o-Xylene	10.70	106	41485	10.50	ug/l	97
69) Styrene	10.72	104	68031	10.37	ug/l	100
70) Isopropylbenzene	11.02	105	98654	9.89	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	46019	12.87	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	49358	14.25	ug/l	93
73) Bromobenzene	11.26	156	35355	11.33	ug/l	99
74) n-propylbenzene	11.37	91	101209	9.30	ug/l	100
75) 2-Chlorotoluene	11.43	91	71222	10.27	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	81507	9.72	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	8285	9.59	ug/l	94
78) 4-Chlorotoluene	11.52	91	77502	9.87	ug/l	98
79) tert-butylbenzene	12.07	119	78001	8.91	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	83249	9.70	ug/l	99
81) sec-Butylbenzene	11.95	105	85721	8.94	ug/l	100
82) p-Isopropyltoluene	12.07	119	78001	8.91	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	53921	10.12	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	53512	10.01	ug/l	99
85) n-Butylbenzene	12.40	91	53083	7.70	ug/l	99
86) Hexachloroethane	12.60	117	12709	9.02	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	58847	10.56	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	9057	11.02	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	34661	8.89	ug/l	99
90) Hexachlorobutadiene	13.79	225	17707	9.02	ug/l	99
91) Naphthalene	13.84	128	120465	9.99	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	40099	9.62	ug/l	97

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Quant Time: May 18 06:10:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration

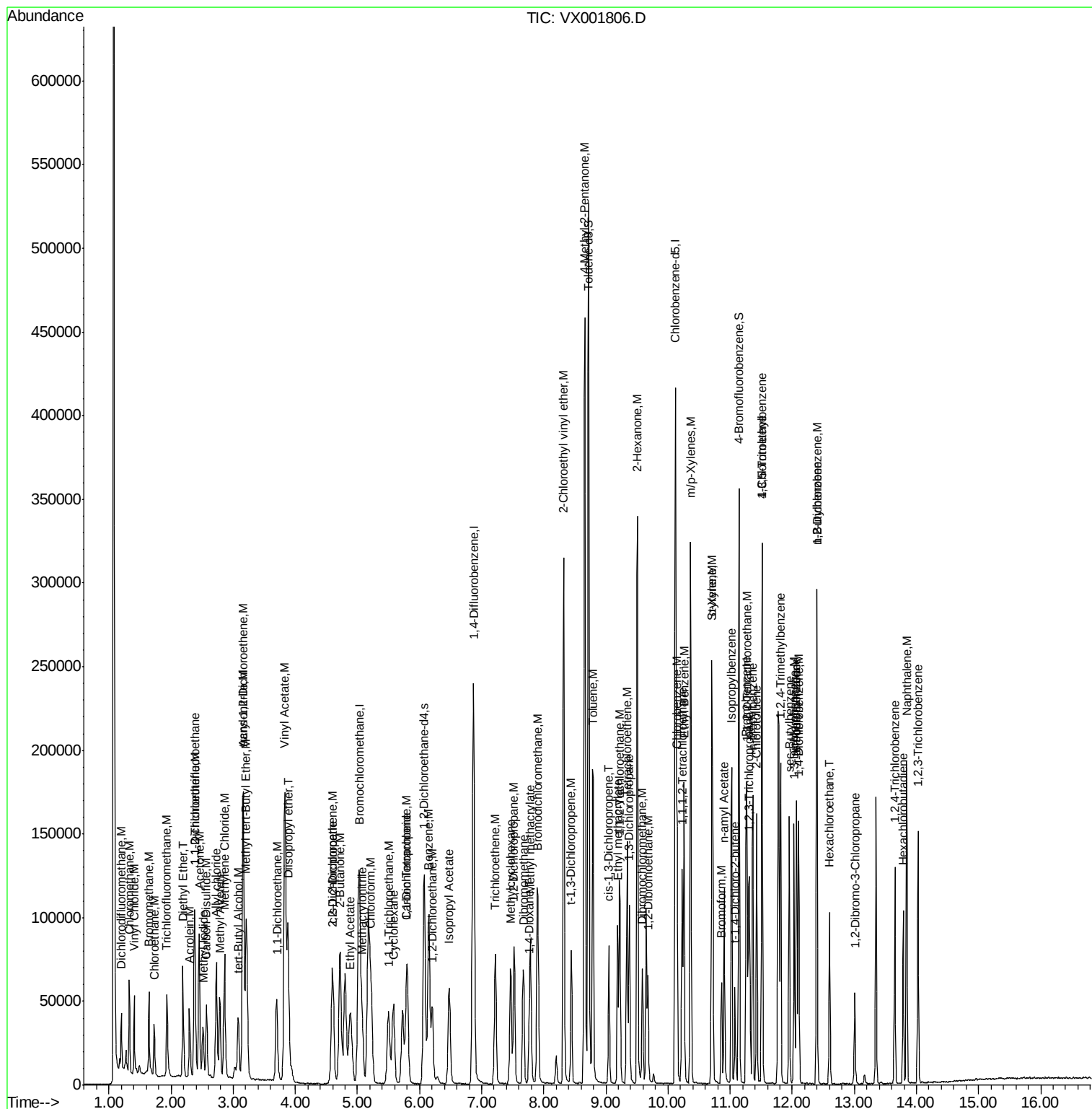
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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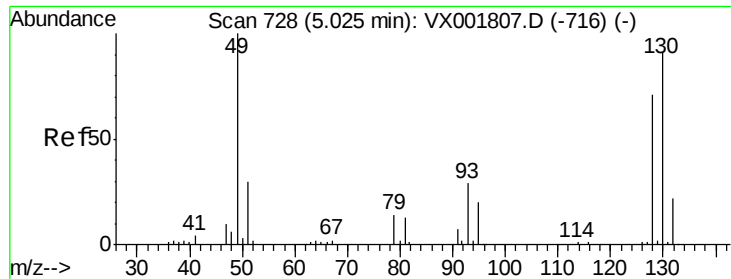
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
Data File : VX001806.D
Acq On : 18 May 2018 04:14
Operator : JC/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Quant Time: May 18 06:10:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration

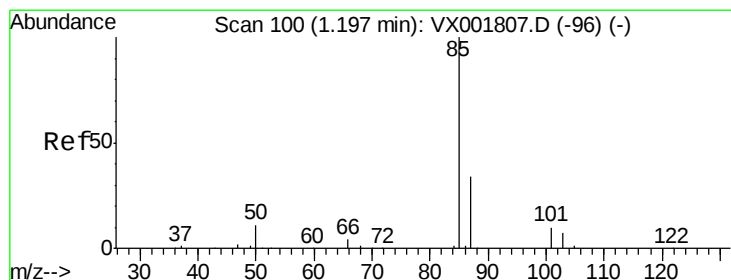
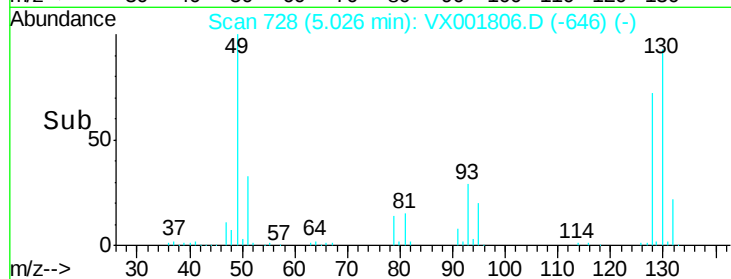
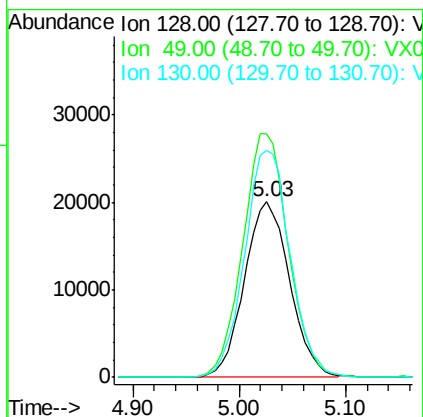
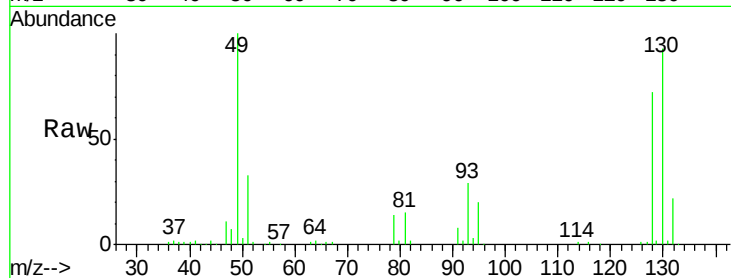




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

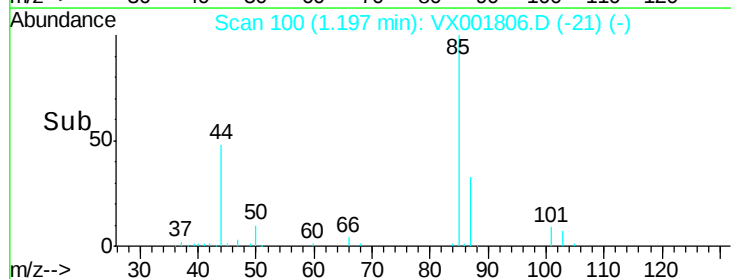
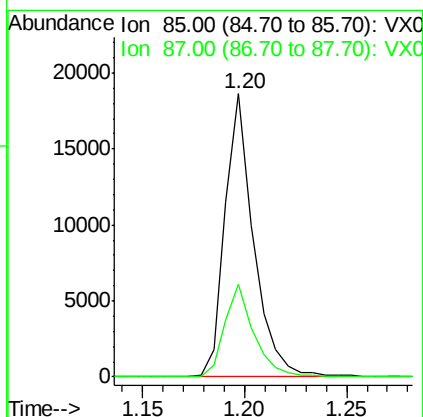
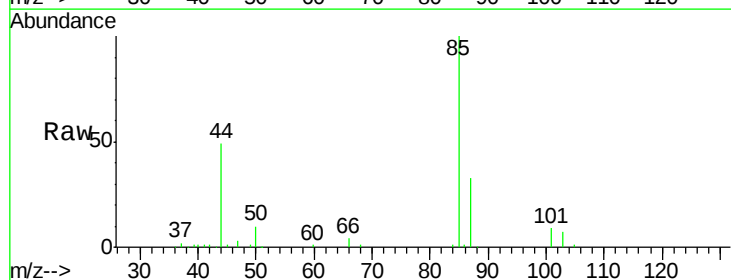
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

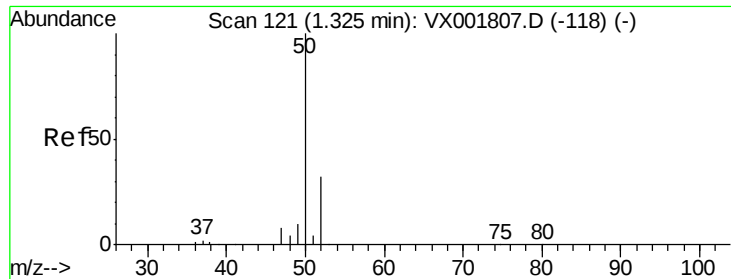
Tgt Ion:128 Resp: 59894
 Ion Ratio Lower Upper
 128 100
 49 140.0 0.0 352.3
 130 130.4 0.0 323.5



#2
 Dichlorodifluoromethane
 Concen: 7.05 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 85 Resp: 18101
 Ion Ratio Lower Upper
 85 100
 87 32.6 16.9 50.7





#3

Chloromethane

Concen: 10.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

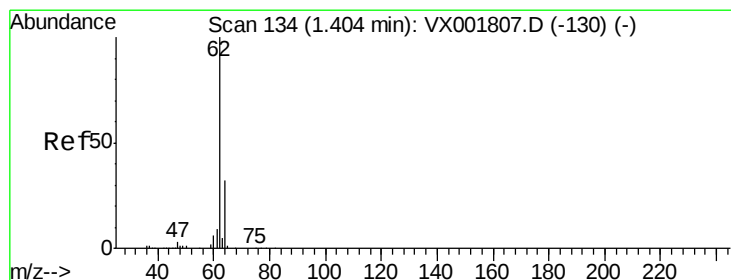
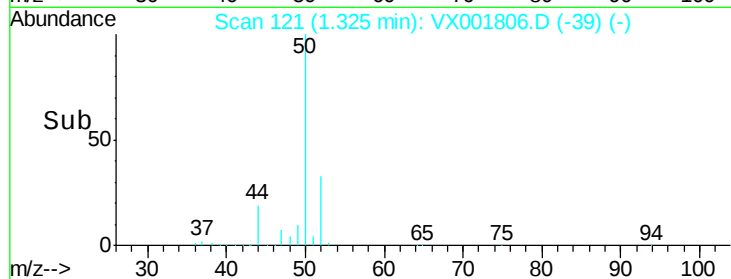
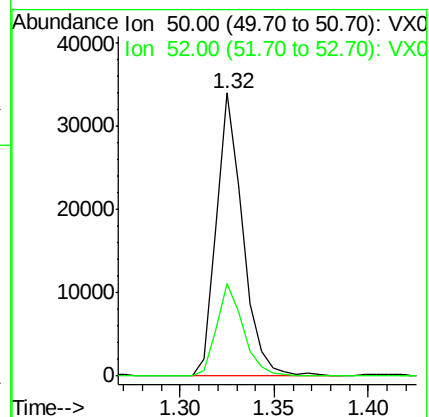
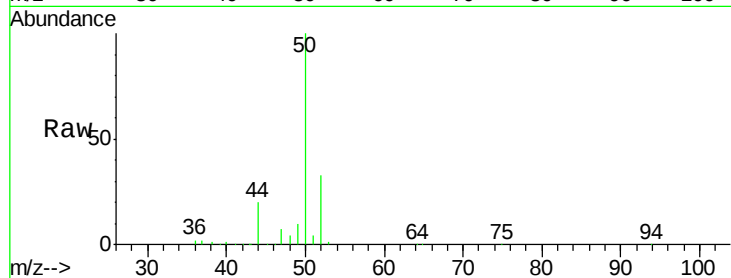
VSTDIC010

Tgt Ion: 50 Resp: 33109

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 8.96 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001806.D

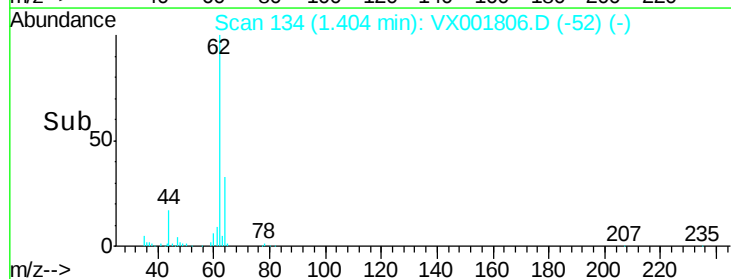
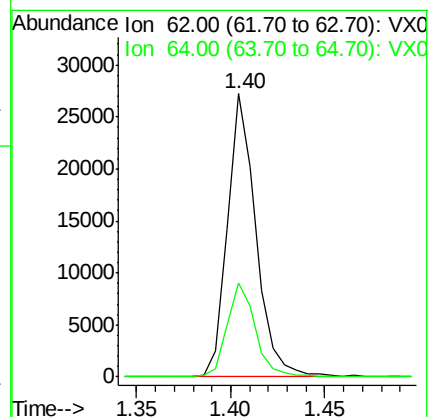
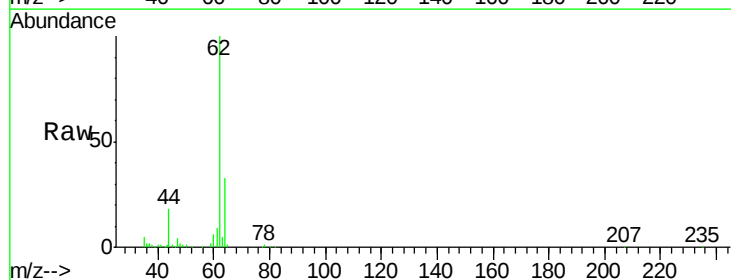
Acq: 18 May 2018 04:14

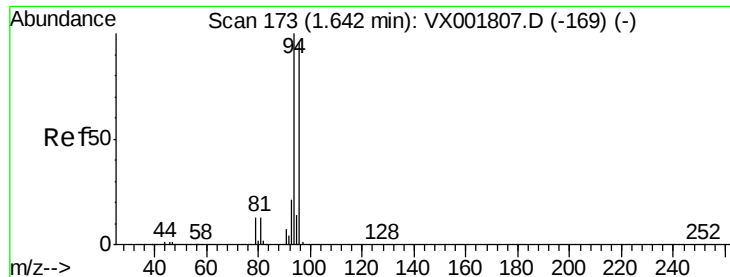
Tgt Ion: 62 Resp: 28312

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.2





#5

Bromomethane

Concen: 14.39 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

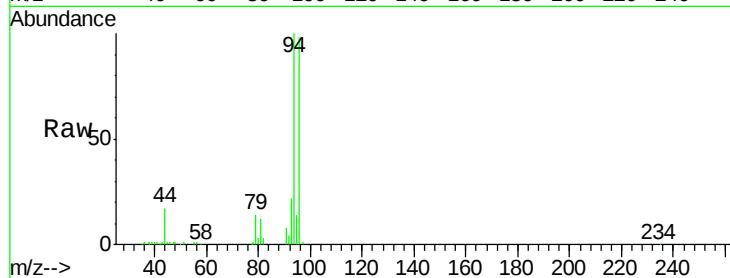
VSTDIC010

Tgt Ion: 94 Resp: 22923

Ion Ratio Lower Upper

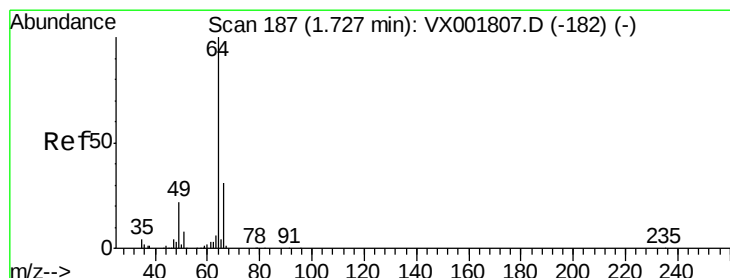
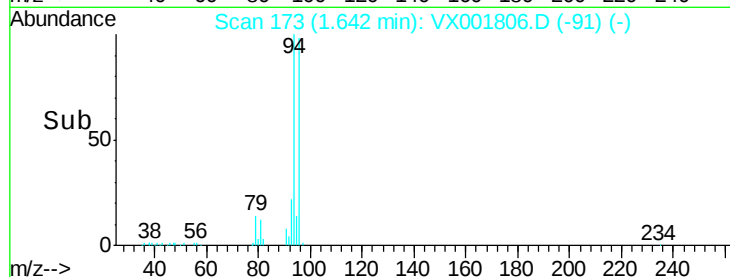
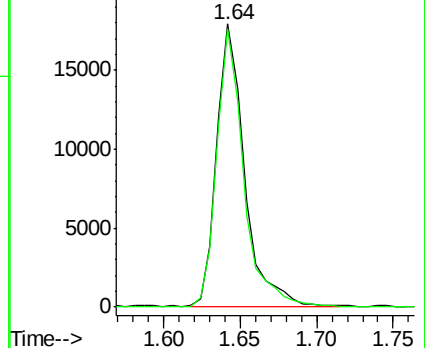
94 100

96 98.8 76.6 115.0



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 10.03 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001806.D

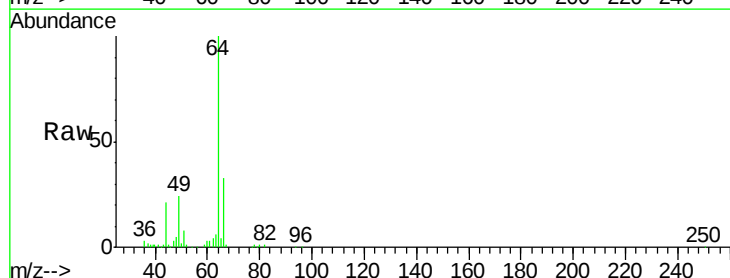
Acq: 18 May 2018 04:14

Tgt Ion: 64 Resp: 21481

Ion Ratio Lower Upper

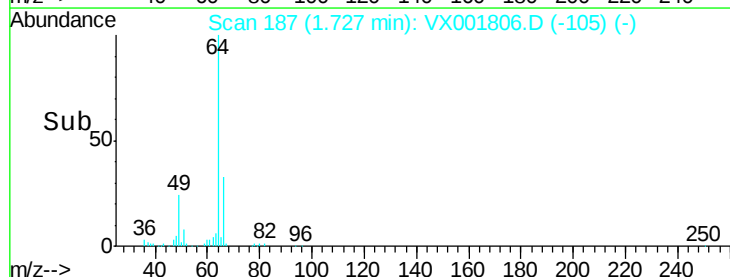
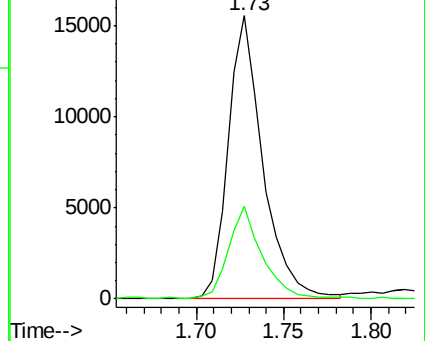
64 100

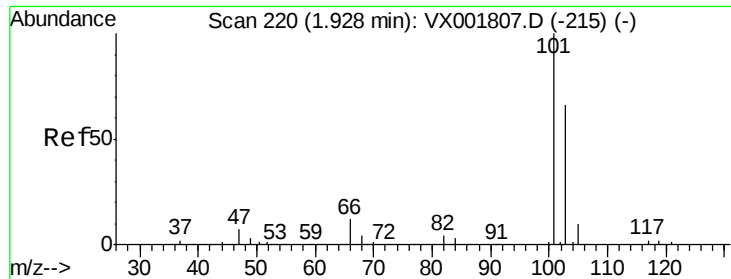
66 32.8 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



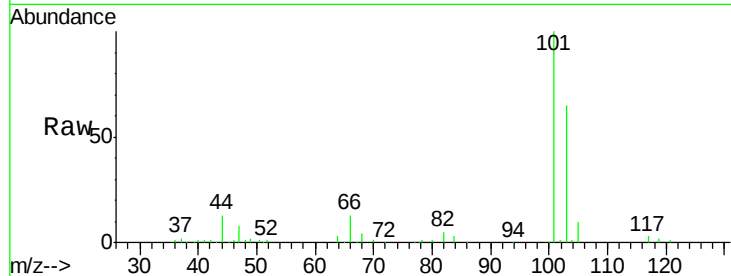


#7

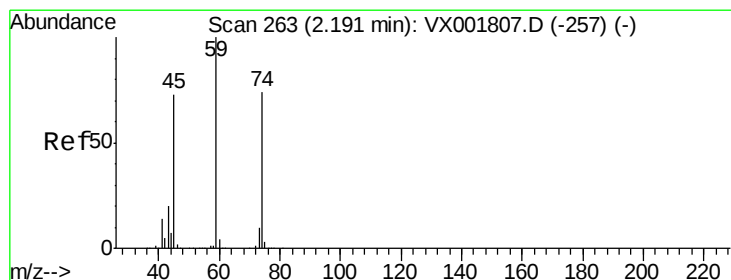
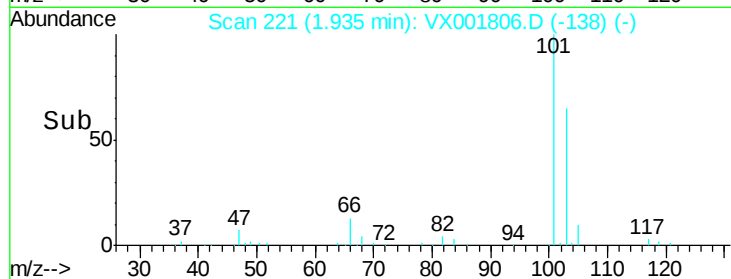
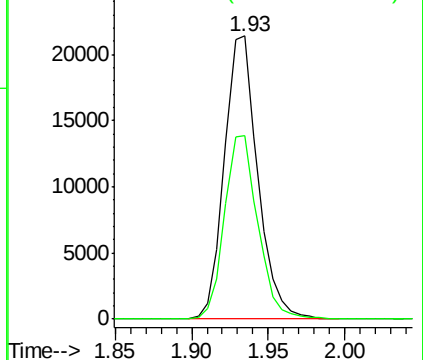
Trichlorofluoromethane
 Concen: 7.43 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 32463
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.9 79.3



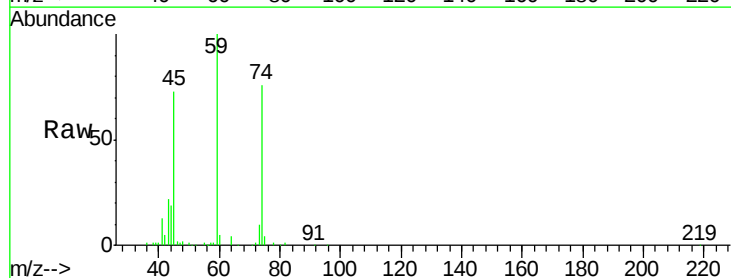
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



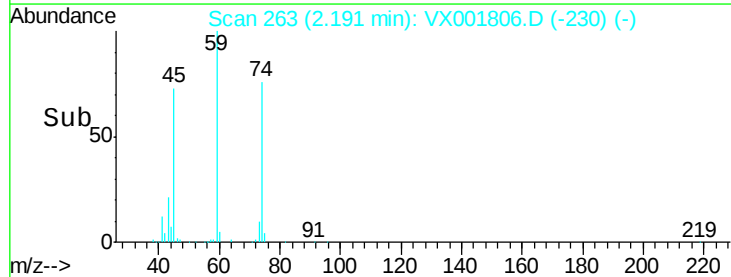
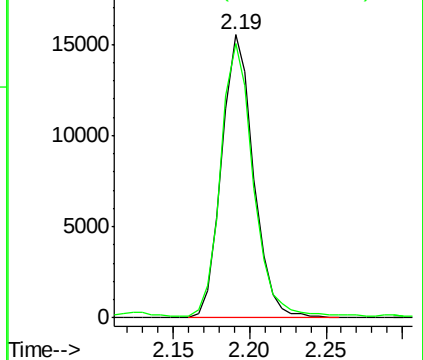
#8

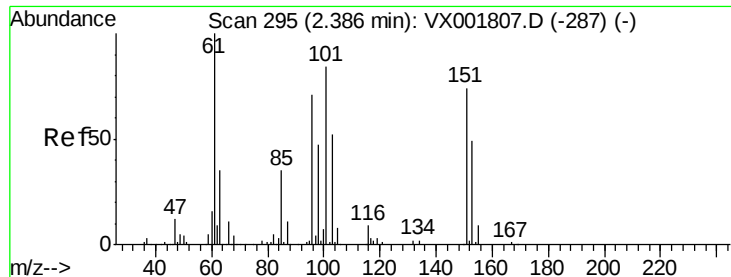
Diethyl Ether
 Concen: 10.87 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 74 Resp: 22413
 Ion Ratio Lower Upper
 74 100
 45 96.9 19.8 178.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

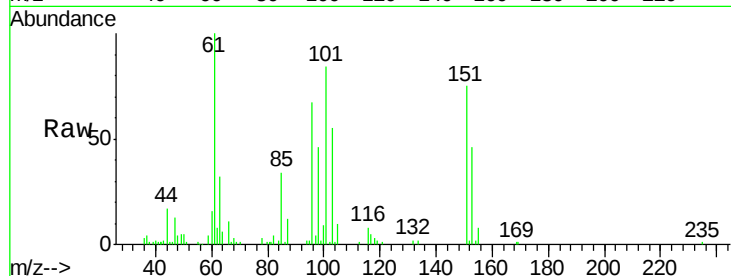
Tgt Ion: 101 Resp: 18897

Ion Ratio Lower Upper

101 100

85 41.8 0.0 83.0

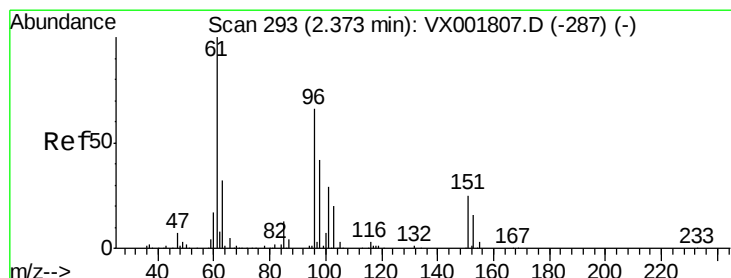
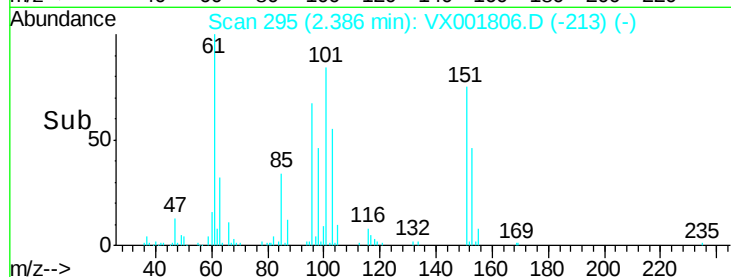
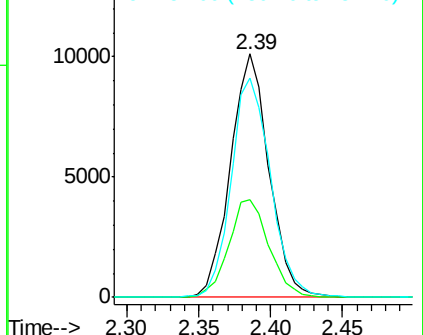
151 92.1 0.0 182.8



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: 8.61 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

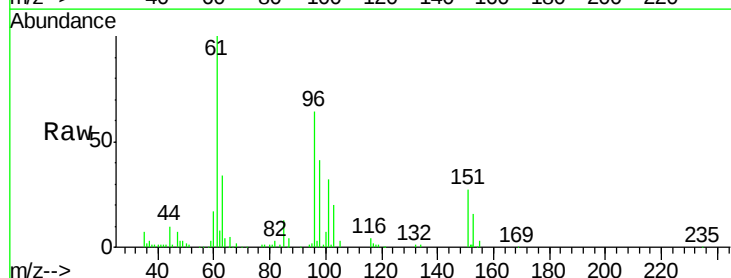
Tgt Ion: 96 Resp: 22214

Ion Ratio Lower Upper

96 100

61 155.9 120.9 181.3

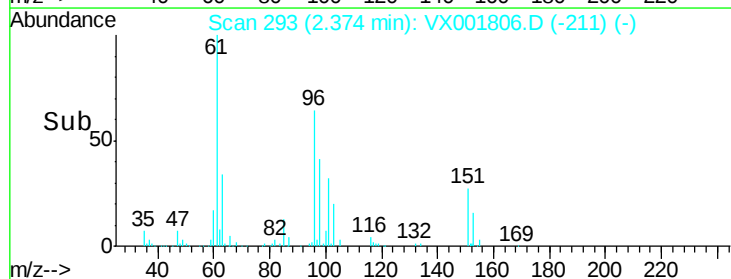
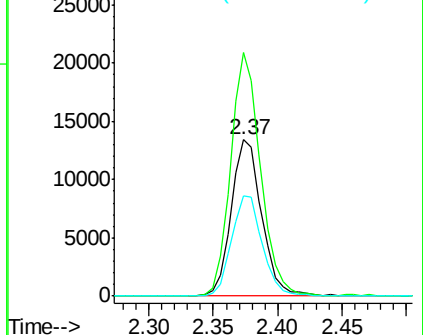
98 64.2 50.2 75.4

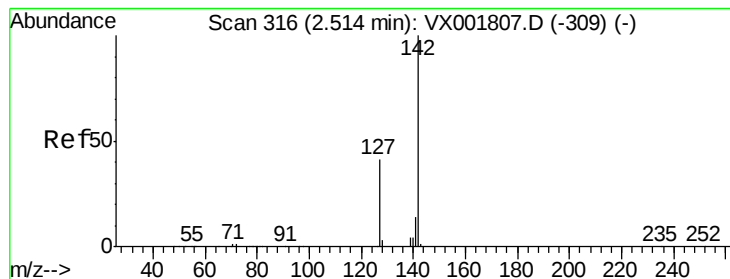


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 7.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

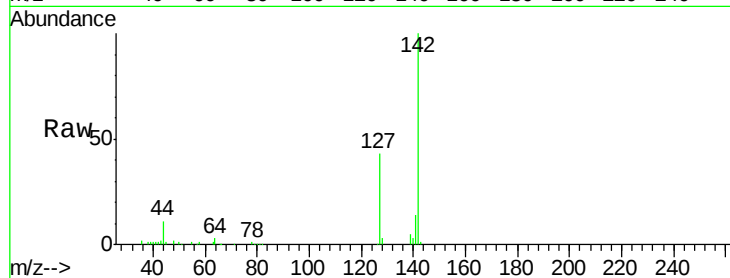
Tgt Ion:142 Resp: 30346

Ion Ratio Lower Upper

142 100

127 43.2 20.3 61.0

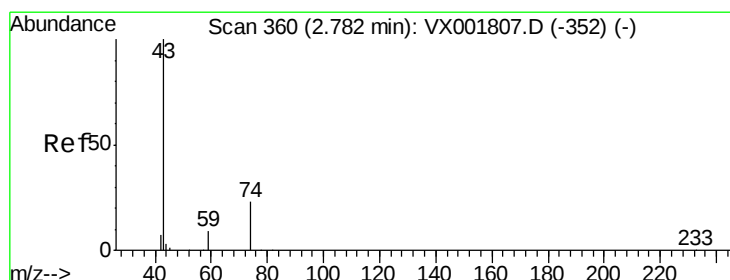
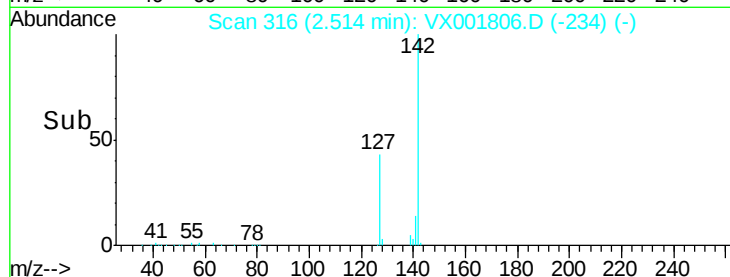
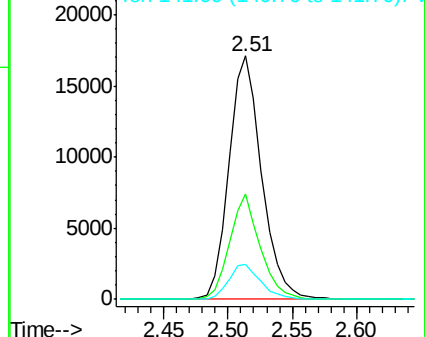
141 14.5 7.0 21.1



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: 11.87 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001806.D

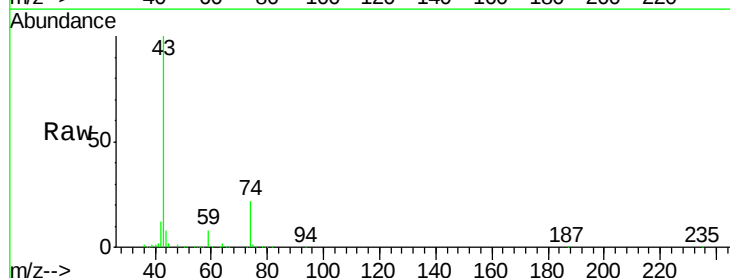
Acq: 18 May 2018 04:14

Tgt Ion: 43 Resp: 55858

Ion Ratio Lower Upper

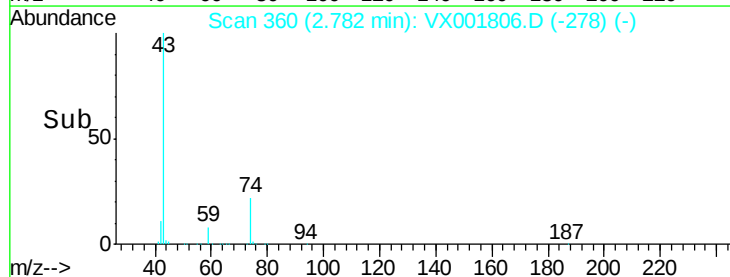
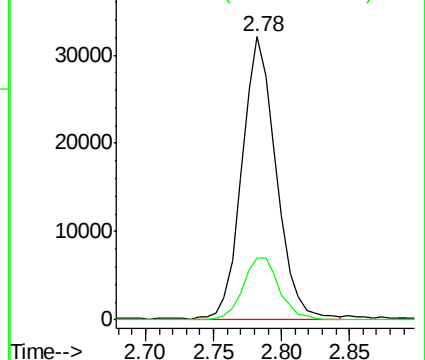
43 100

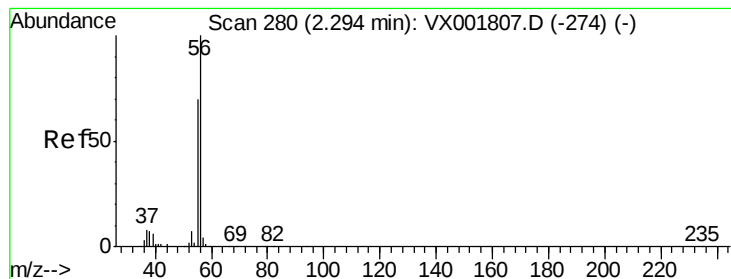
74 21.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 56.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

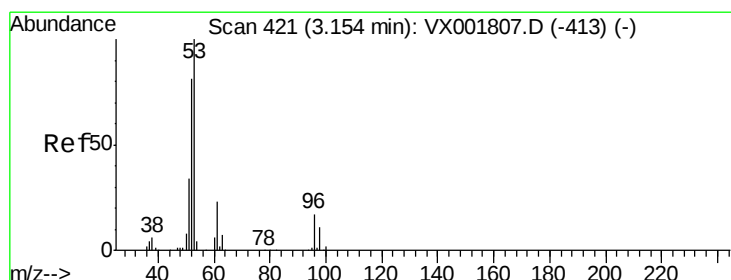
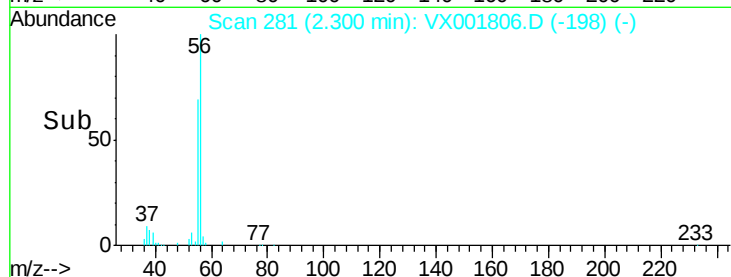
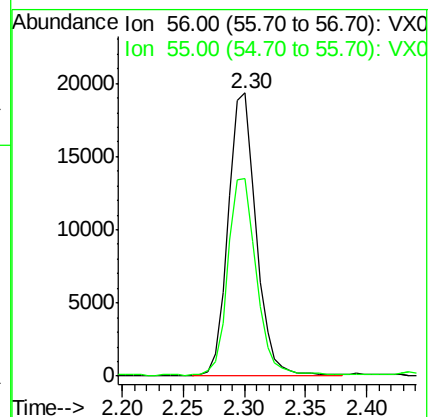
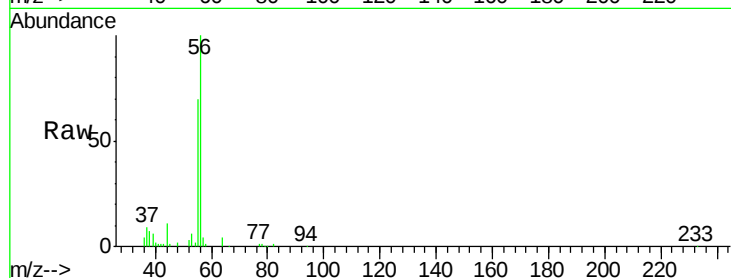
VSTDIC010

Tgt Ion: 56 Resp: 30773

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Acrylonitrile

Concen: 55.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

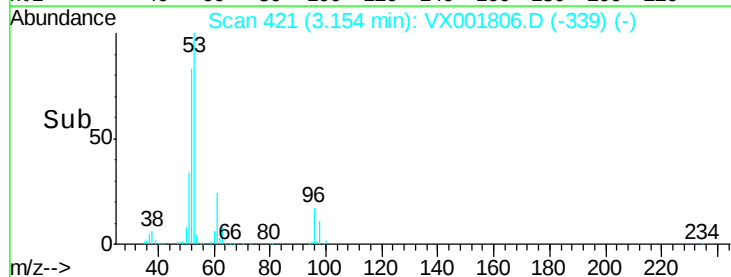
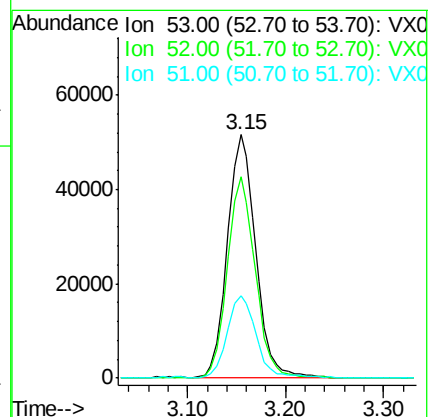
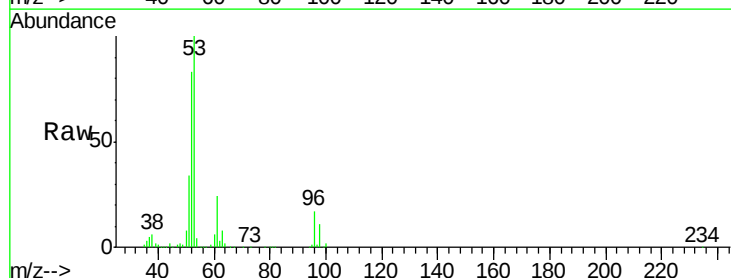
Tgt Ion: 53 Resp: 104046

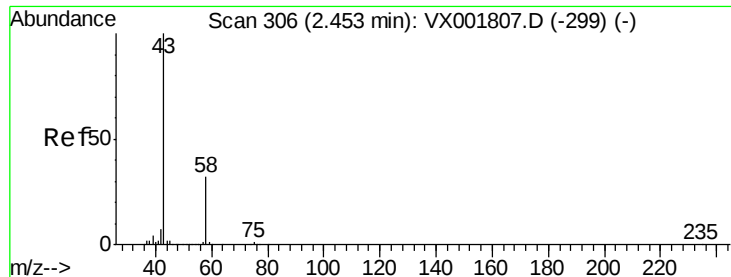
Ion Ratio Lower Upper

53 100

52 80.8 40.7 122.1

51 33.6 17.4 52.3





#15

Acetone

Concen: 58.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

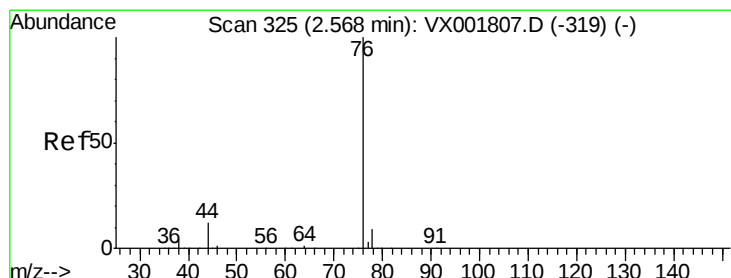
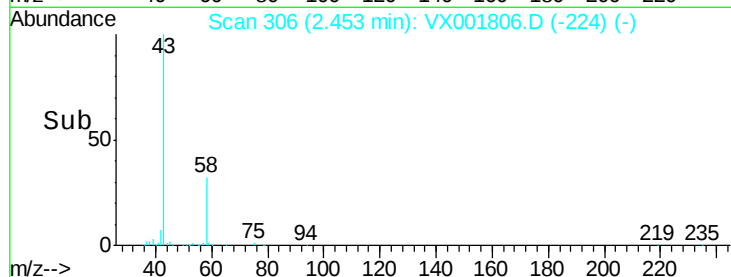
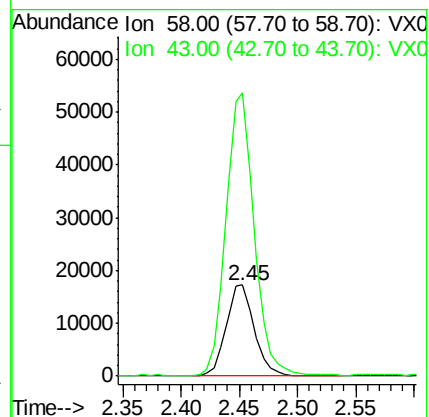
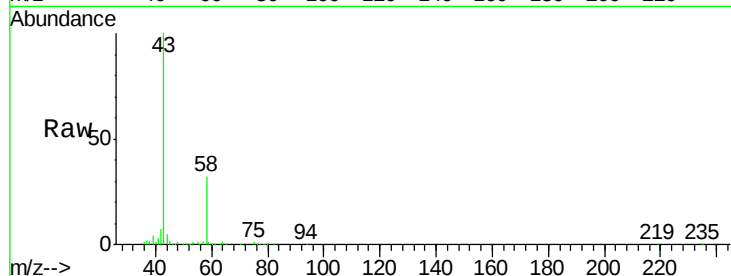
VSTDIC010

Tgt Ion: 58 Resp: 29167

Ion Ratio Lower Upper

58 100

43 309.8 252.1 378.1



#16

Carbon Disulfide

Concen: 8.35 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001806.D

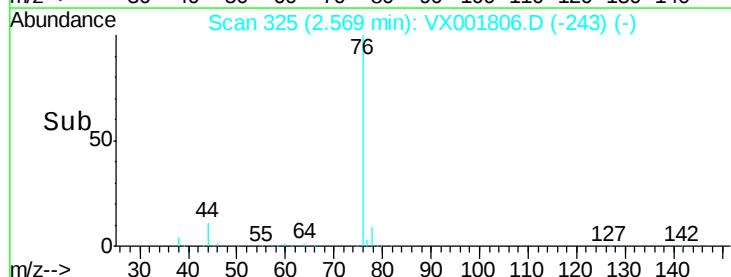
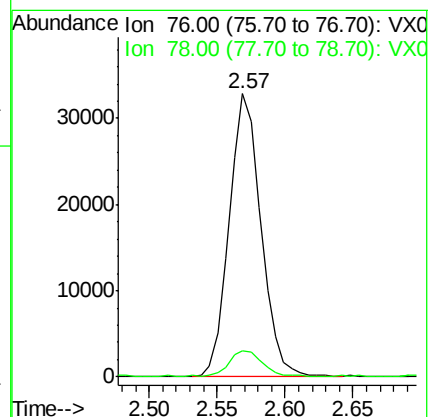
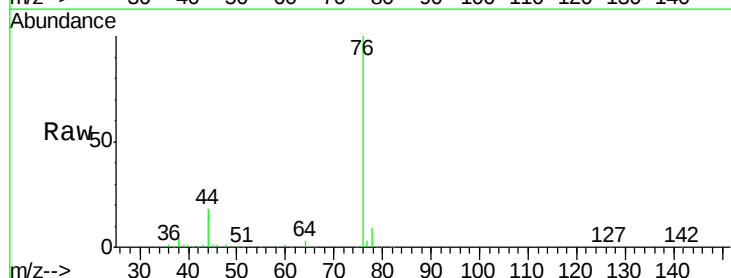
Acq: 18 May 2018 04:14

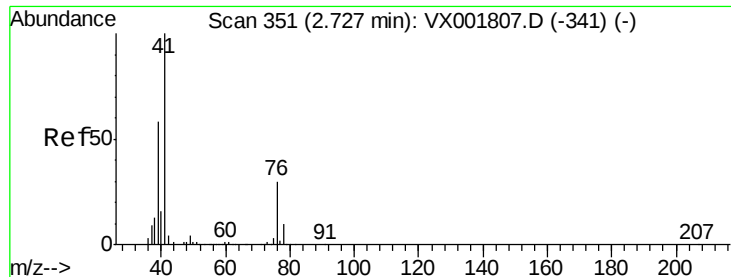
Tgt Ion: 76 Resp: 53688

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

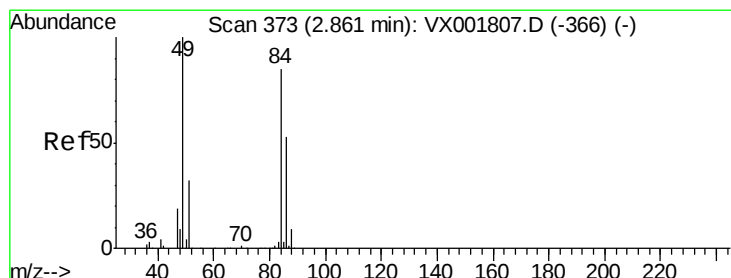
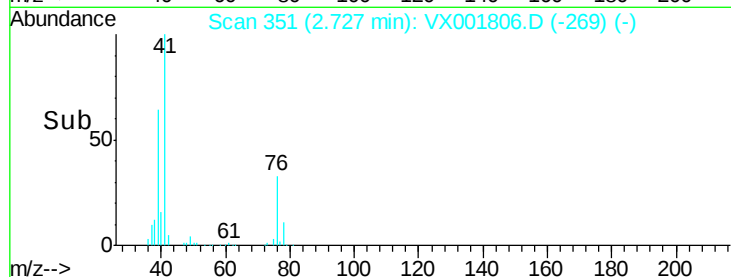
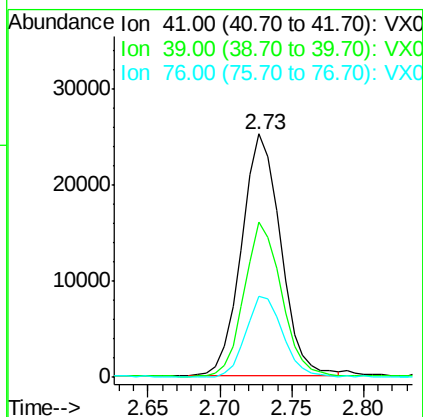
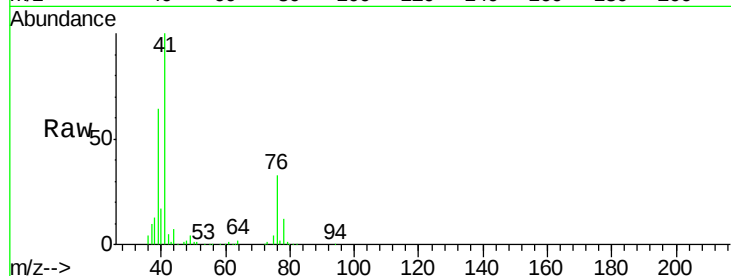




#17
 Allyl chloride
 Concen: 9.43 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

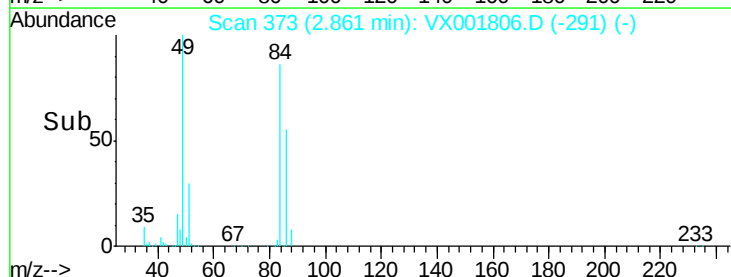
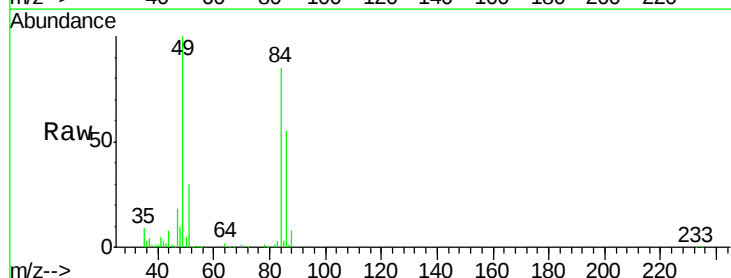
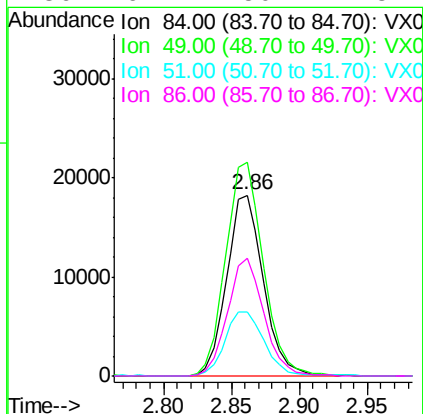
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

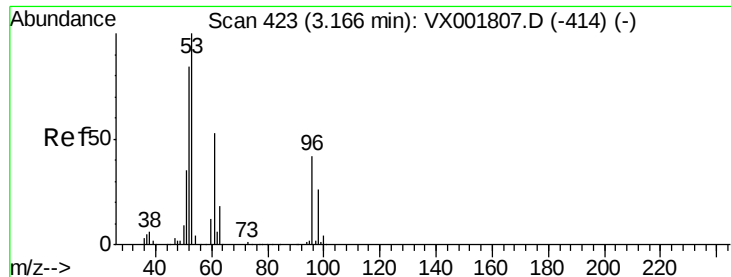
Tgt Ion: 41 Resp: 47729
 Ion Ratio Lower Upper
 41 100
 39 63.7 29.1 87.3
 76 33.5 15.2 45.5



#18
 Methylene Chloride
 Concen: 10.66 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 84 Resp: 34060
 Ion Ratio Lower Upper
 84 100
 49 117.9 94.1 141.1
 51 35.3 29.8 44.6
 86 64.7 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 9.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

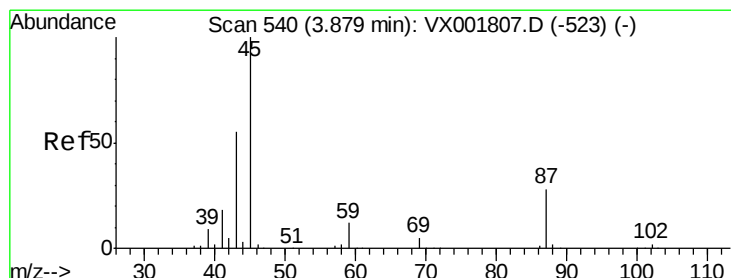
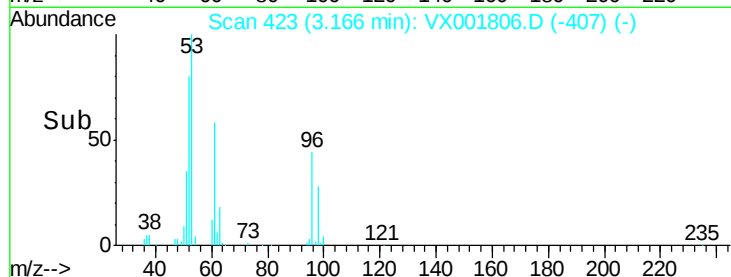
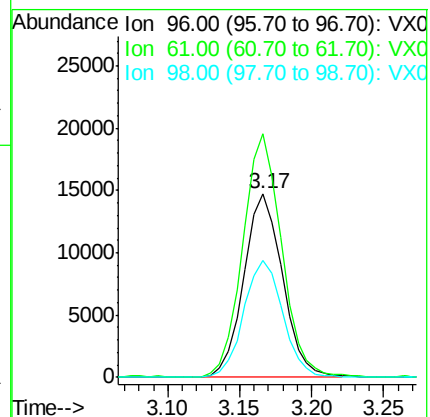
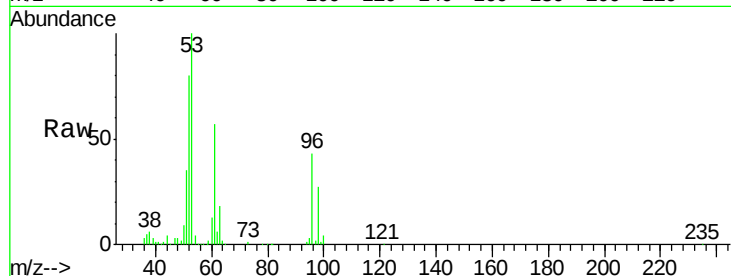
Tgt Ion: 96 Resp: 27587

Ion Ratio Lower Upper

96 100

61 132.5 102.9 154.3

98 63.5 49.7 74.5



#20

Diisopropyl ether

Concen: 10.71 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Tgt Ion: 45 Resp: 105006

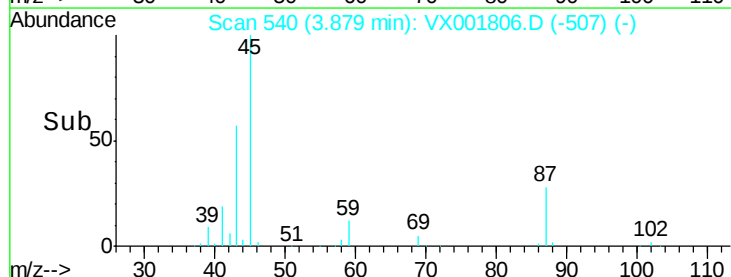
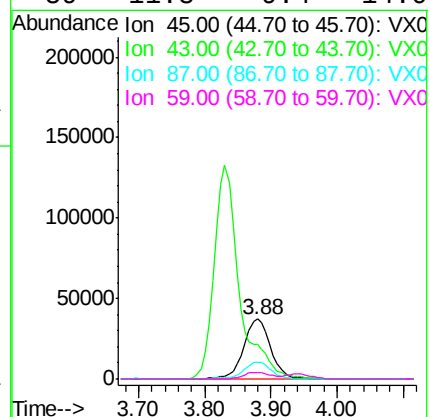
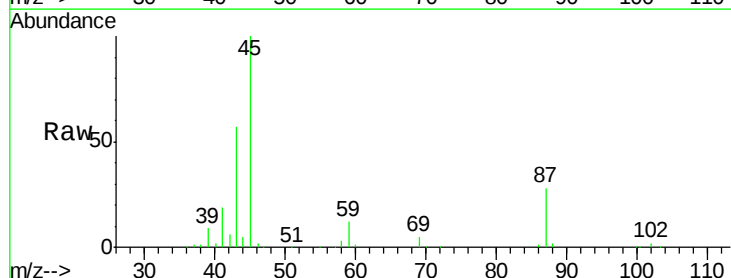
Ion Ratio Lower Upper

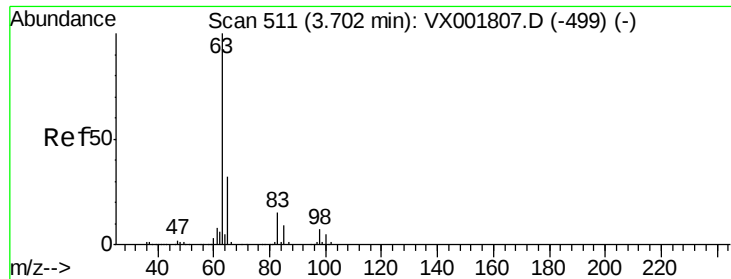
45 100

43 57.1 44.2 66.2

87 28.3 22.4 33.6

59 11.8 9.4 14.0





#21

1,1-Dichloroethane

Concen: 10.01 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

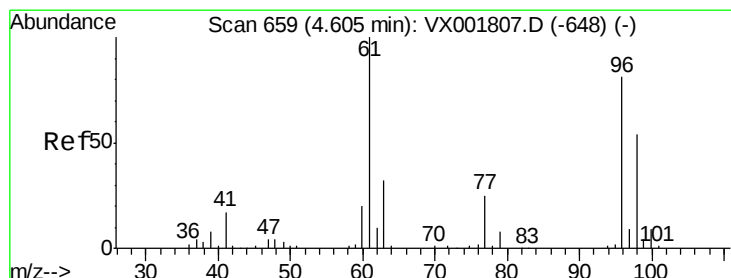
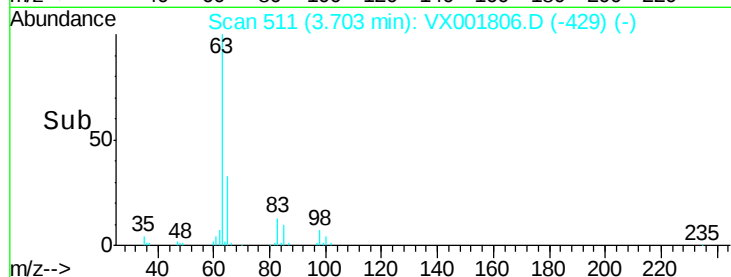
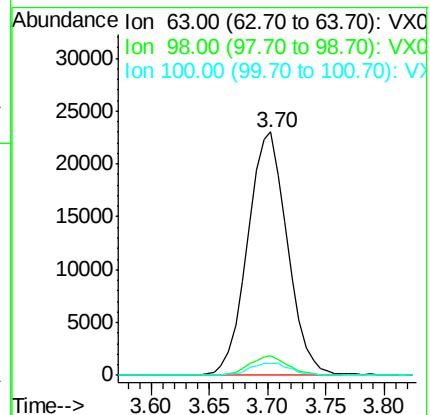
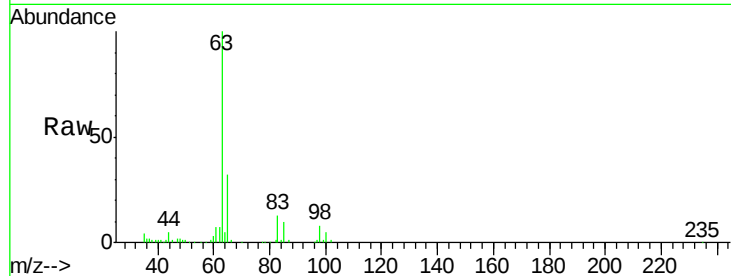
Tgt Ion: 63 Resp: 54818

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.7 2.5 7.6



#22

cis-1,2-Dichloroethene

Concen: 10.46 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

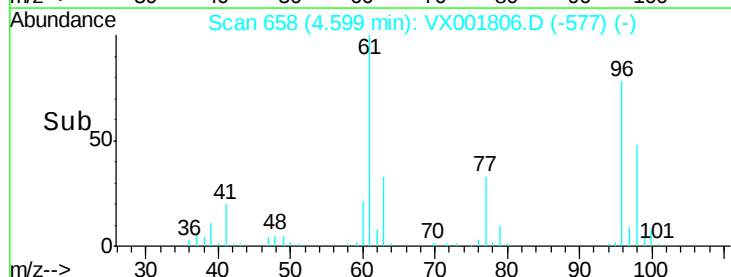
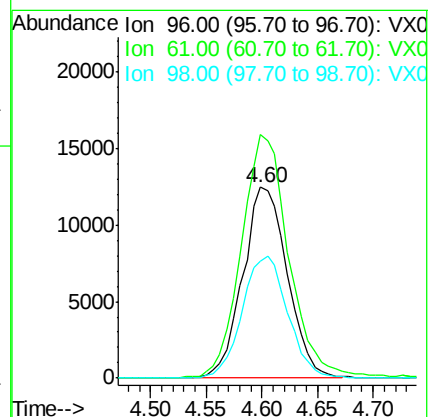
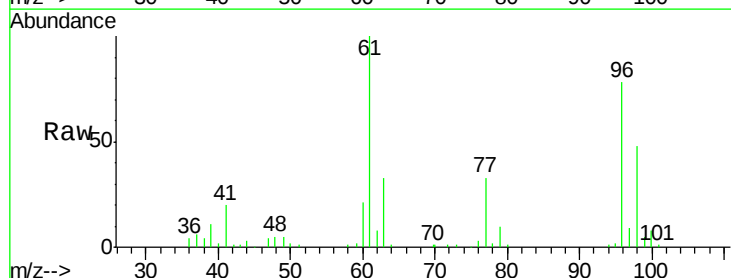
Tgt Ion: 96 Resp: 34816

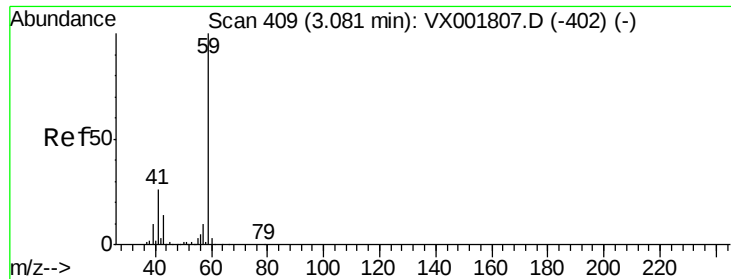
Ion Ratio Lower Upper

96 100

61 135.6 105.9 158.9

98 64.9 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 53.70 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

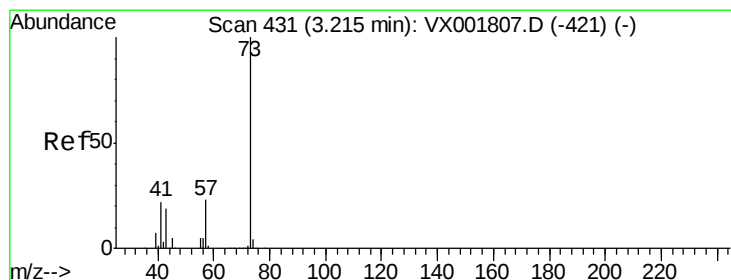
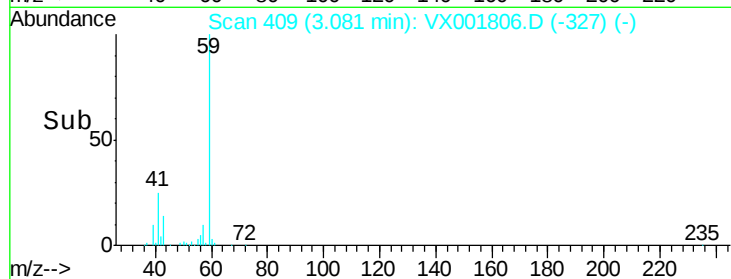
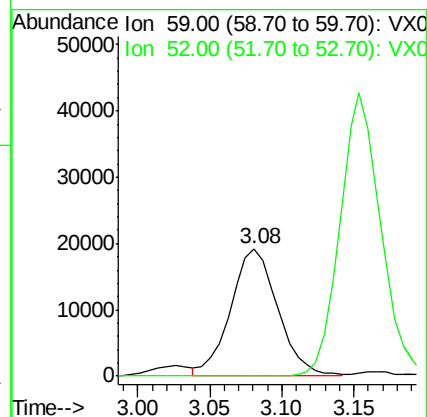
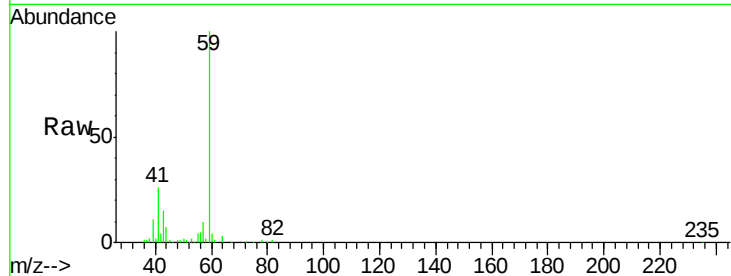
VSTDIC010

Tgt Ion: 59 Resp: 43871

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 10.61 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001806.D

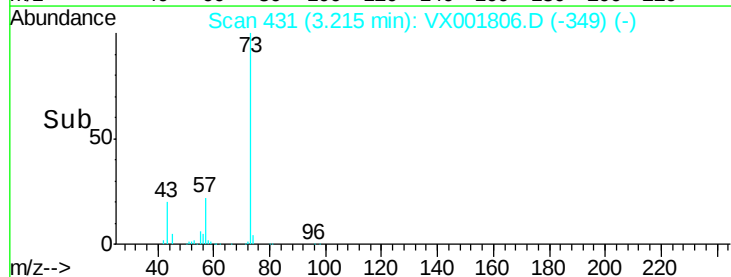
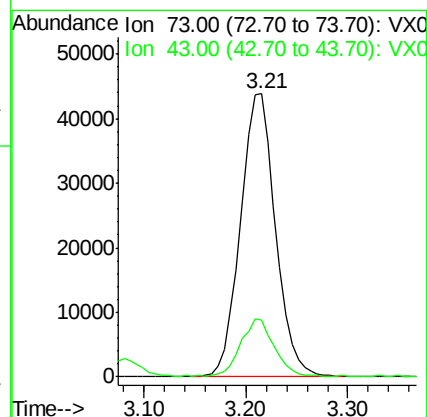
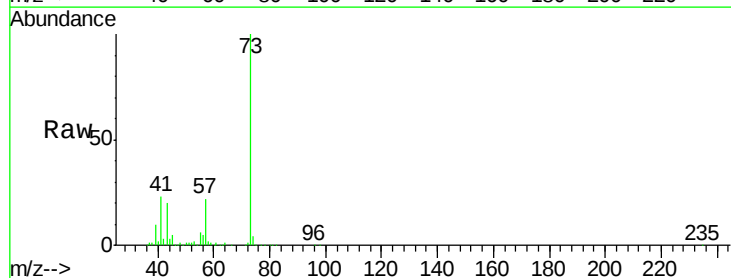
Acq: 18 May 2018 04:14

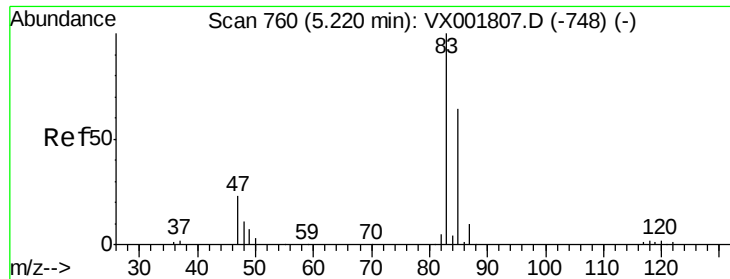
Tgt Ion: 73 Resp: 104638

Ion Ratio Lower Upper

73 100

43 19.2 15.2 22.8

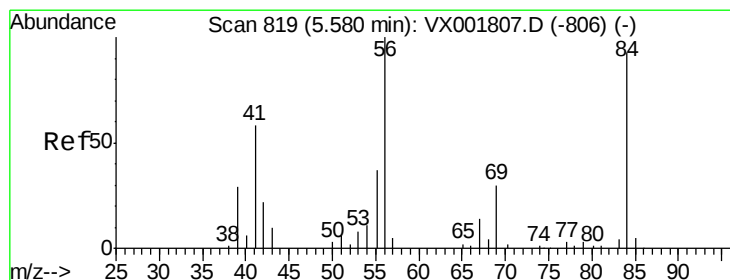
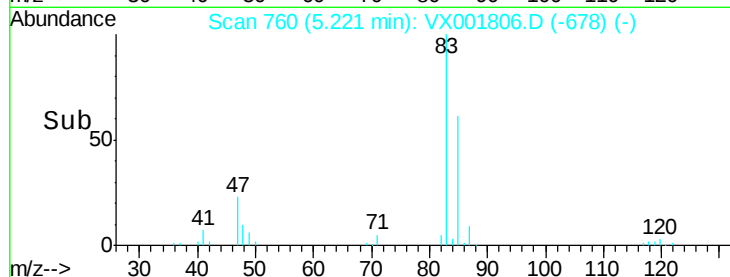
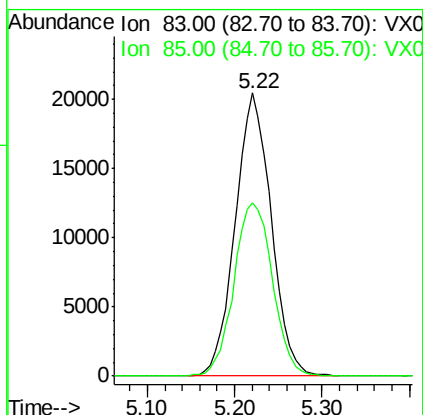
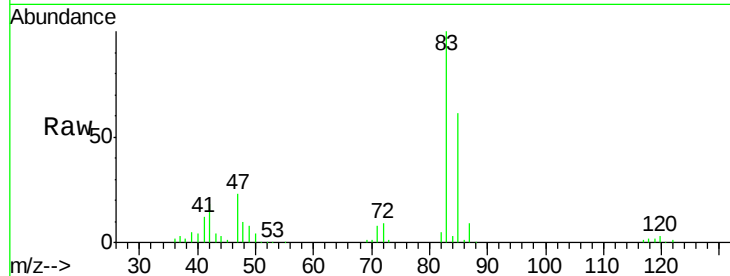




#25
Chloroform
Concen: 10.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

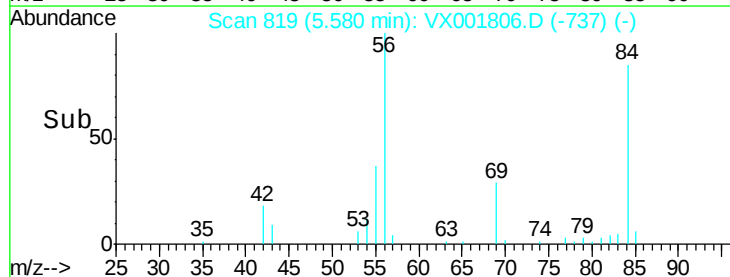
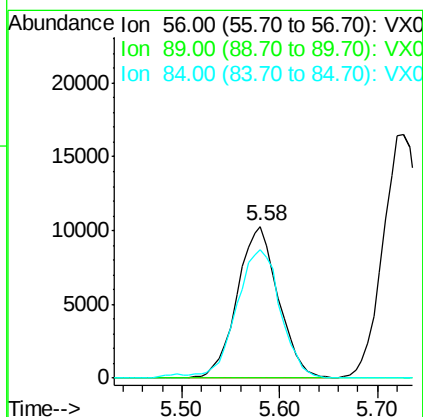
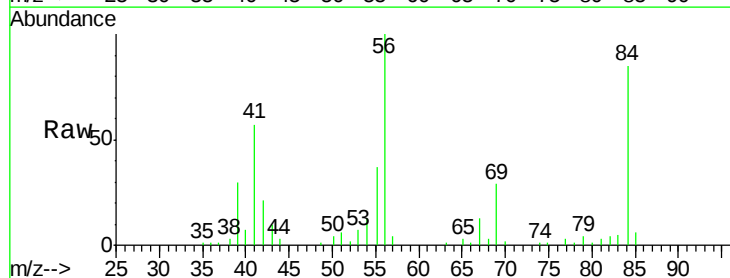
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

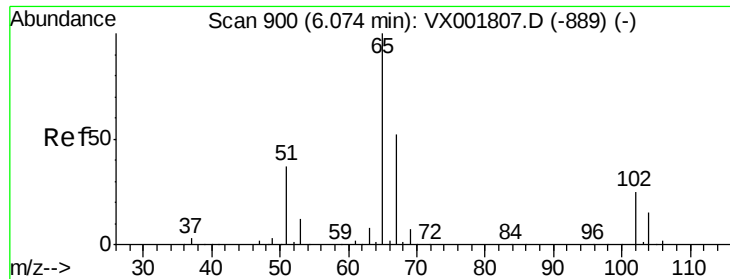
Tgt Ion: 83 Resp: 58496
Ion Ratio Lower Upper
83 100
85 61.1 51.6 77.4



#26
Cyclohexane
Concen: 7.87 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion: 56 Resp: 29997
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 73.8 110.8

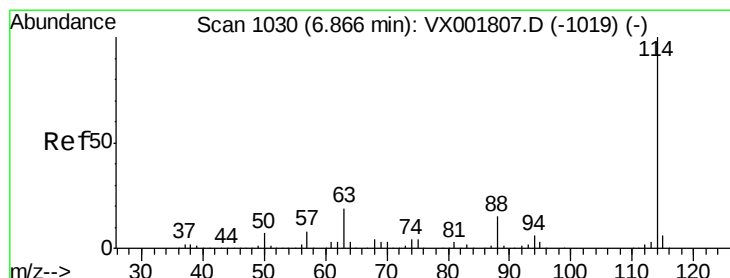
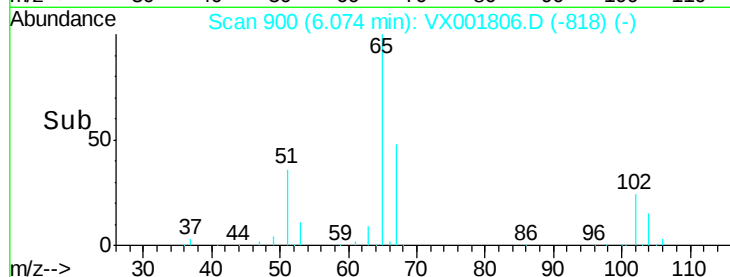
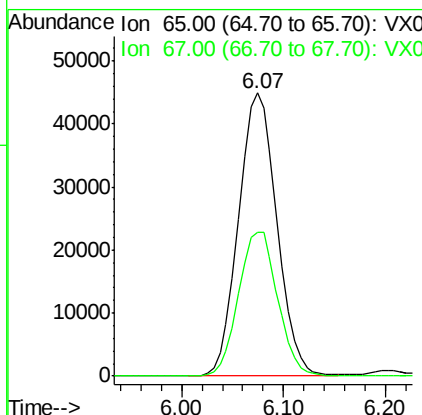
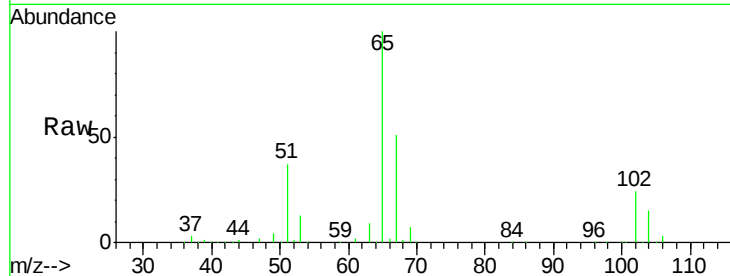




#27
 1,2-Dichloroethane-d4
 Concen: 27.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

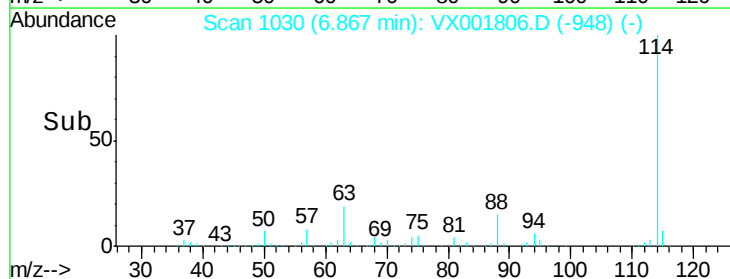
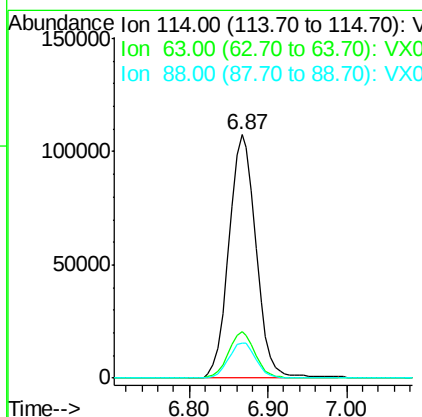
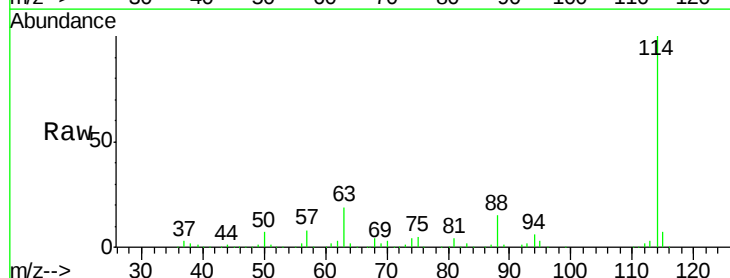
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

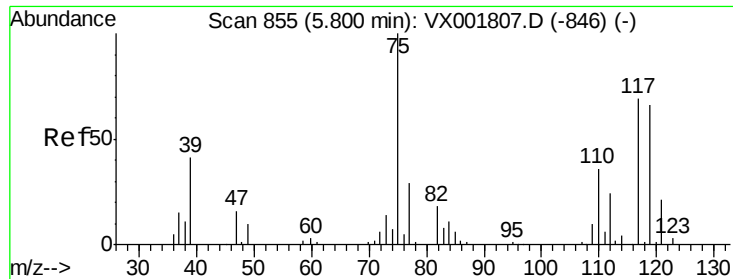
Tgt Ion: 65 Resp: 117468
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 114 Resp: 257747
 Ion Ratio Lower Upper
 114 100
 63 18.7 14.9 22.3
 88 14.6 11.8 17.8





#29

1,1-Dichloropropene

Concen: 9.64 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

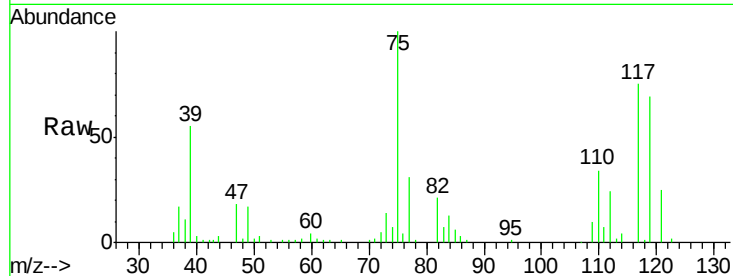
Tgt Ion: 75 Resp: 30019

Ion Ratio Lower Upper

75 100

110 37.6 0.0 75.2

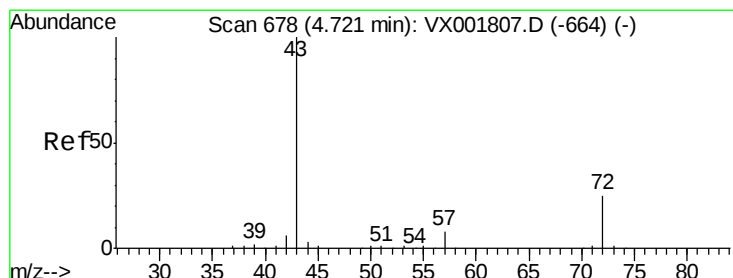
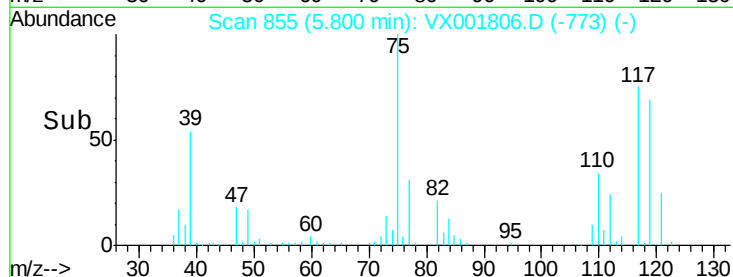
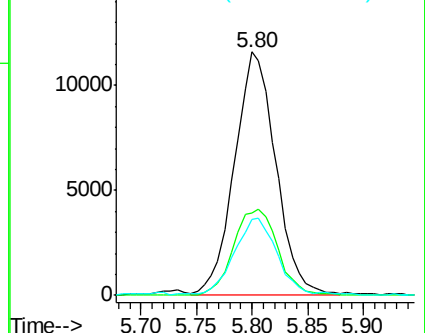
77 32.4 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 63.98 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

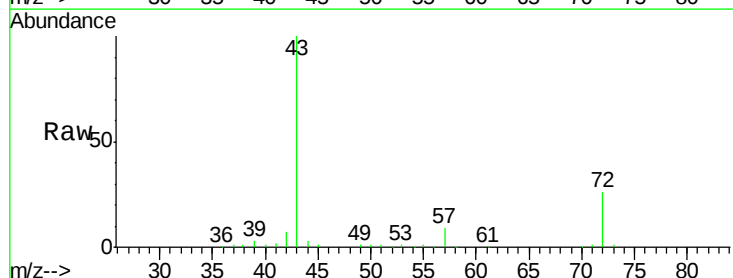
Tgt Ion: 43 Resp: 141034

Ion Ratio Lower Upper

43 100

57 8.3 6.4 9.6

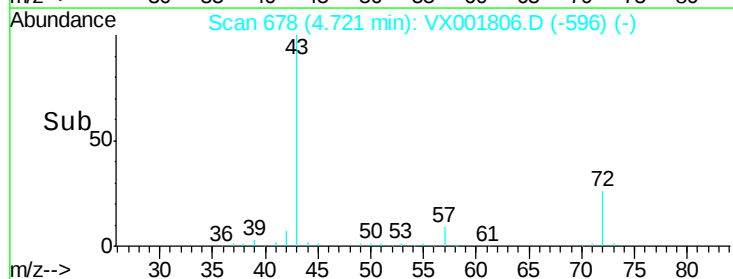
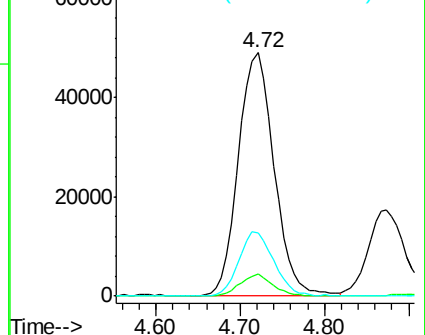
72 25.8 20.6 30.8

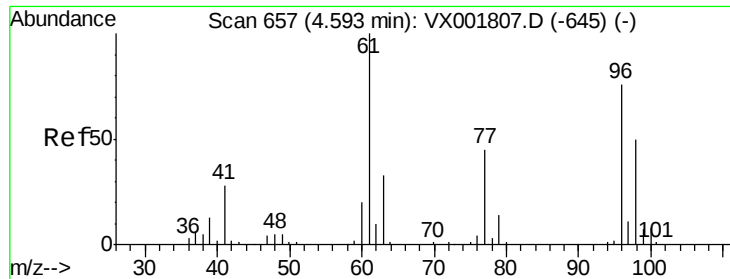


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

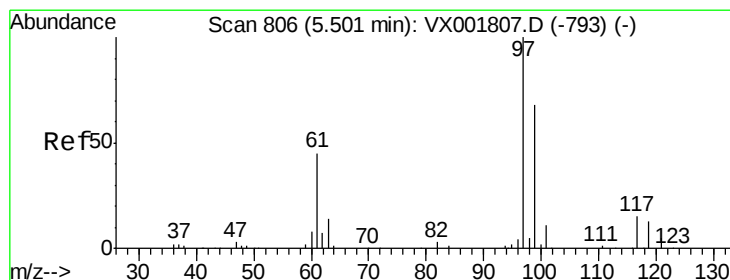
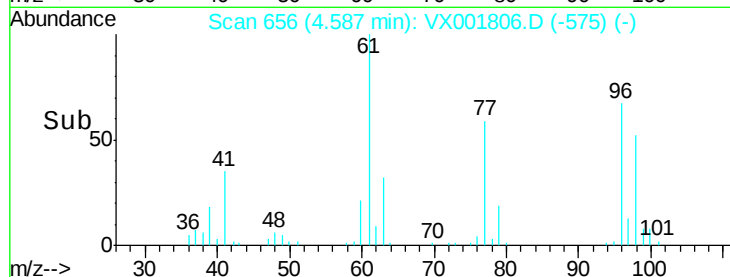
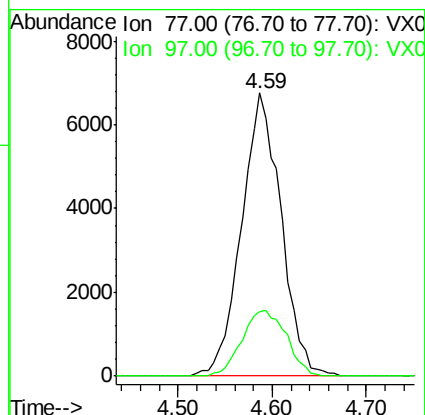
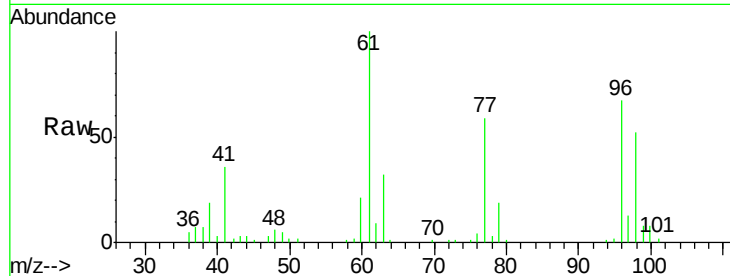




#31
 2,2-Dichloropropane
 Concen: 7.82 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

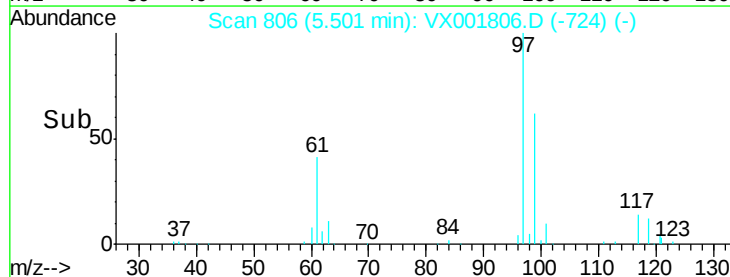
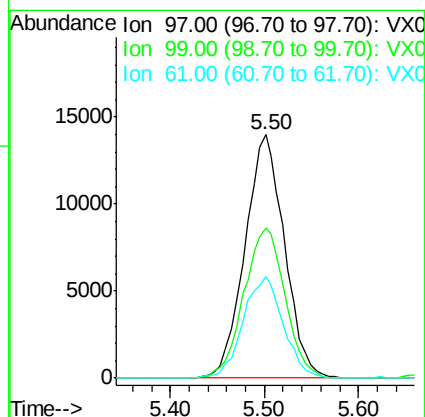
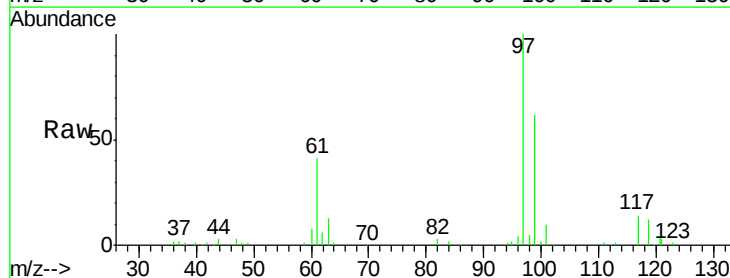
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

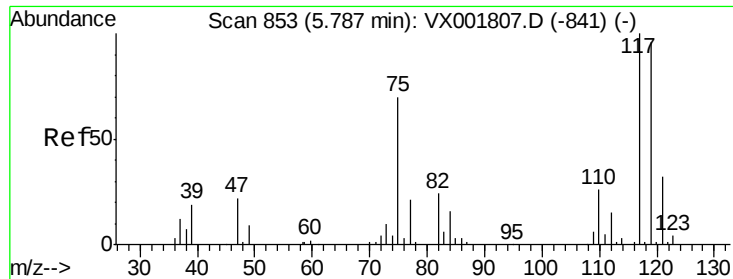
Tgt Ion: 77 Resp: 19844
 Ion Ratio Lower Upper
 77 100
 97 26.1 22.3 33.5



#32
 1,1,1-Trichloroethane
 Concen: 10.32 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 97 Resp: 41083
 Ion Ratio Lower Upper
 97 100
 99 64.0 52.4 78.6
 61 42.1 34.6 51.8





#33

Carbon Tetrachloride

Concen: 9.39 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

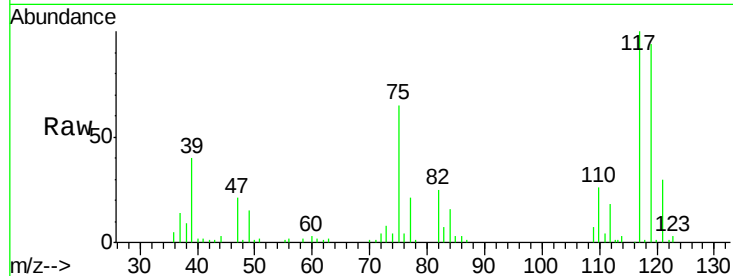
Tgt Ion:117 Resp: 32442

Ion Ratio Lower Upper

117 100

119 94.4 76.4 114.6

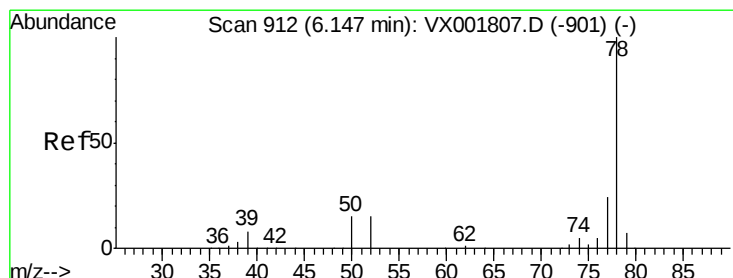
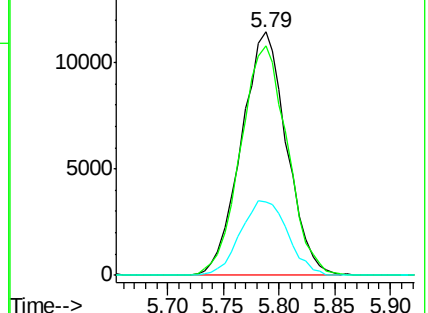
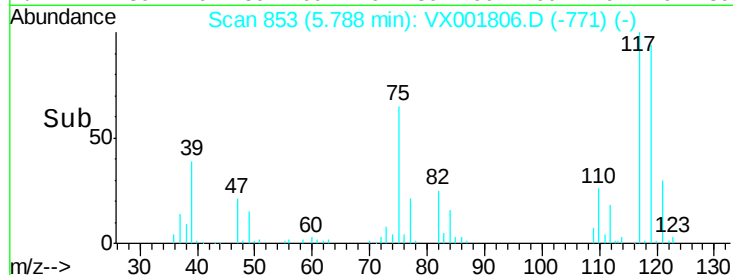
121 30.2 25.3 37.9



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: 11.87 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

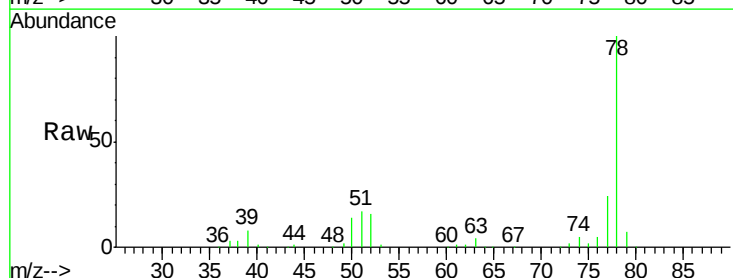
Tgt Ion: 78 Resp: 123846

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

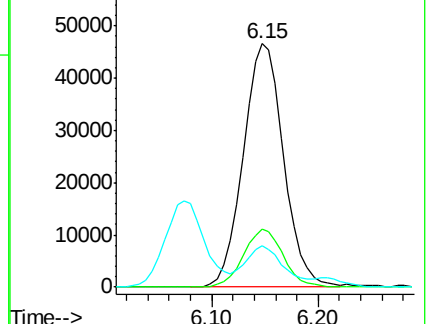
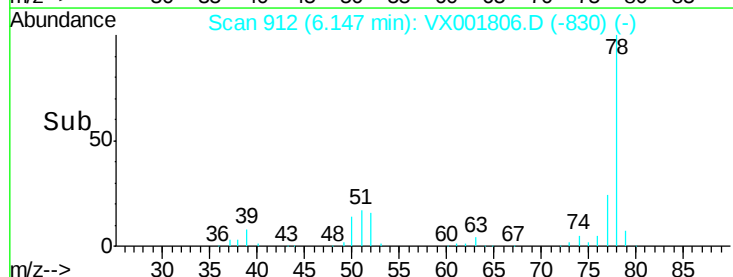
51 14.5 13.2 19.8

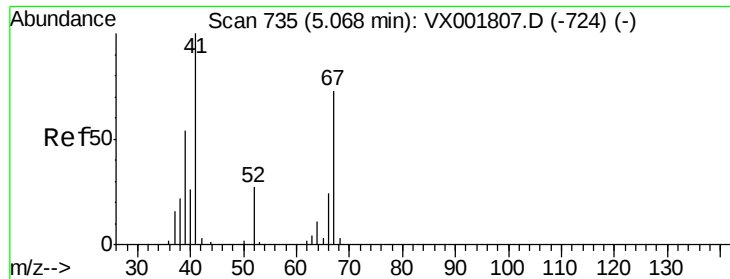


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

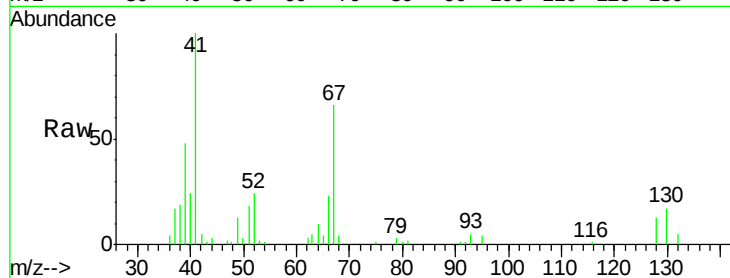




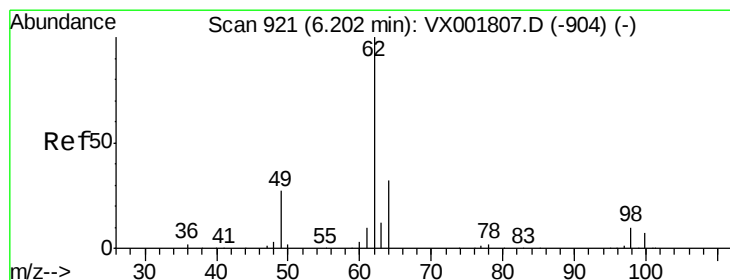
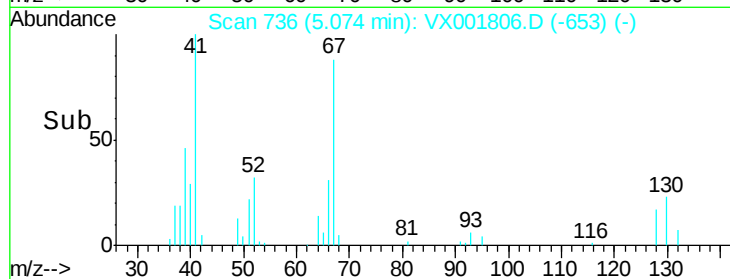
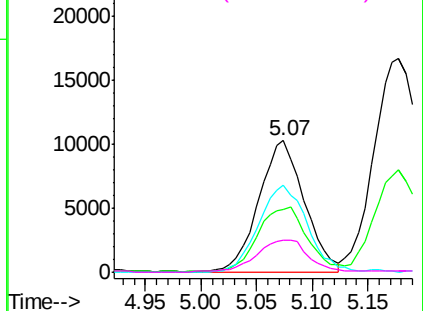
#35
Methacrylonitrile
Concen: 12.40 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Tgt Ion:	41	Resp:	29501
Ion	Ratio	Lower	Upper
41	100		
39	47.1	26.9	80.6
67	65.9	36.8	110.3
52	23.9	13.7	41.1

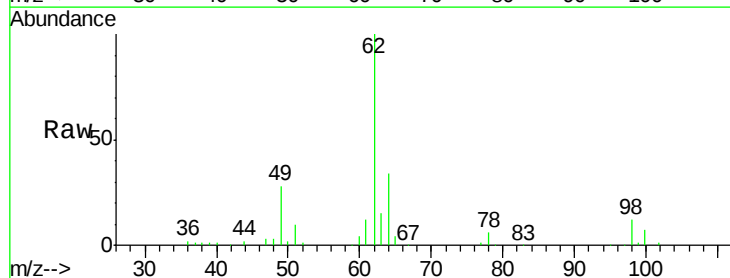


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

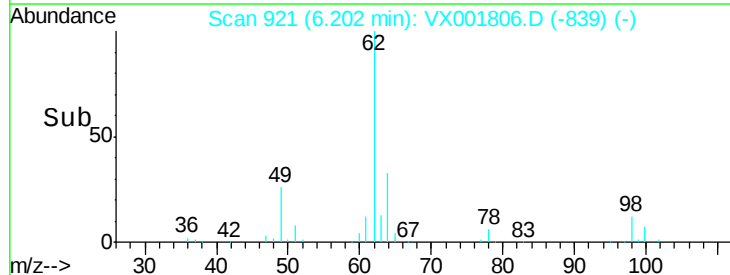
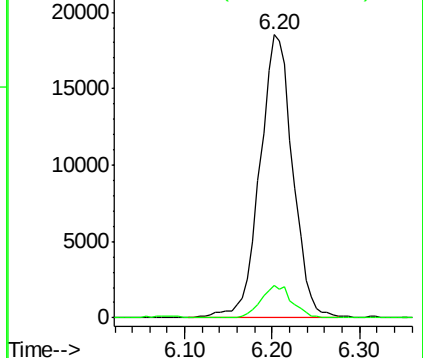


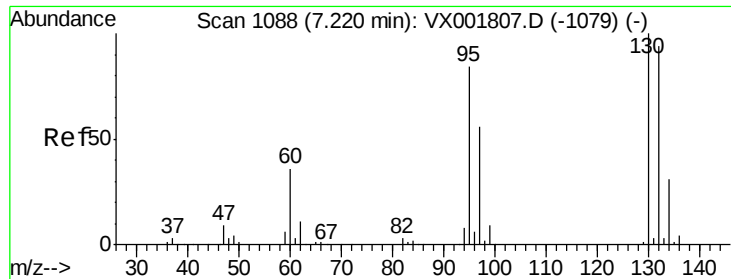
#36
1,2-Dichloroethane
Concen: 11.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion:	62	Resp:	48659
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.6	12.8



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

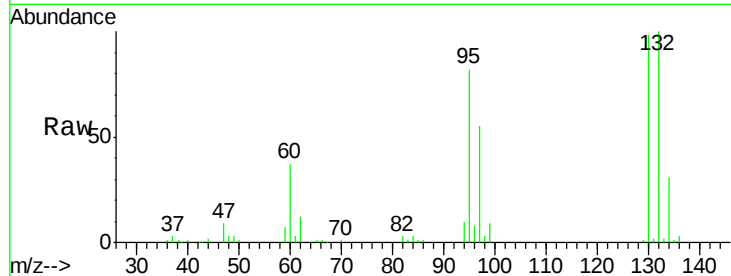




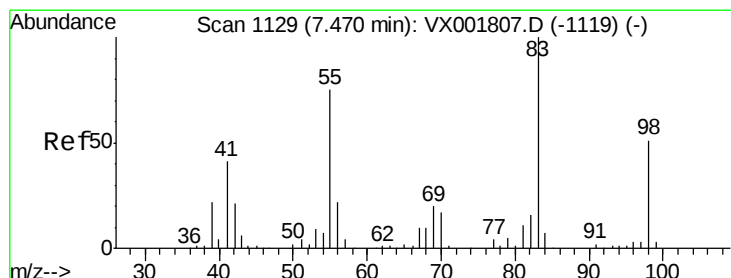
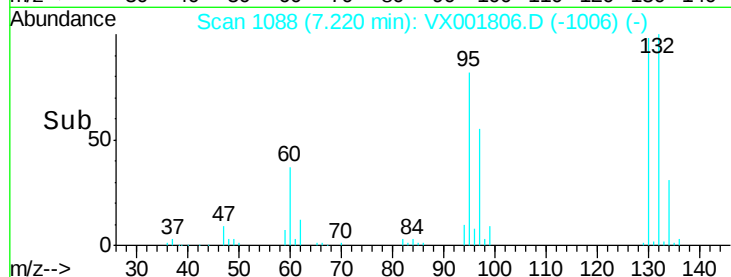
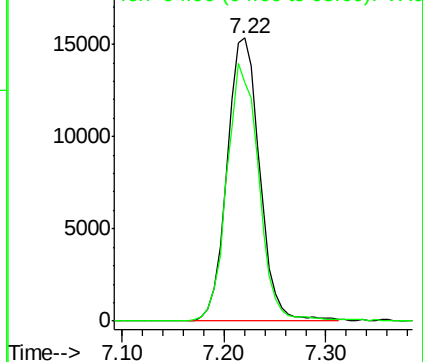
#37
 Trichloroethene
 Concen: 11.26 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 130 Resp: 33909
 Ion Ratio Lower Upper
 130 100
 95 84.3 67.1 100.7

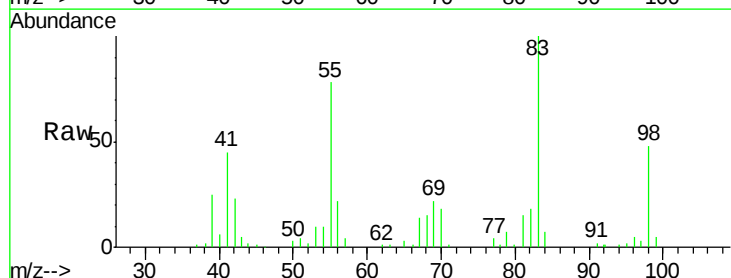


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

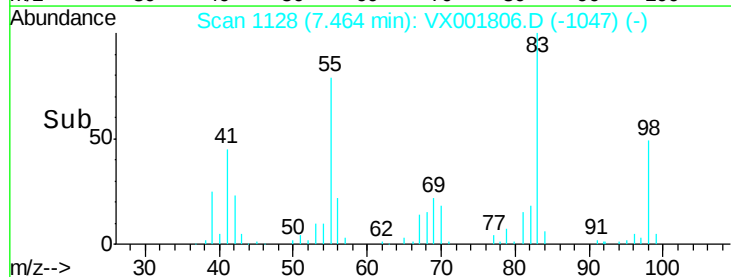
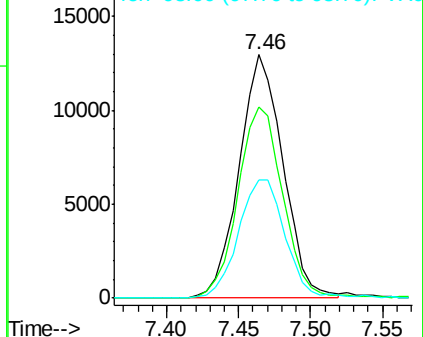


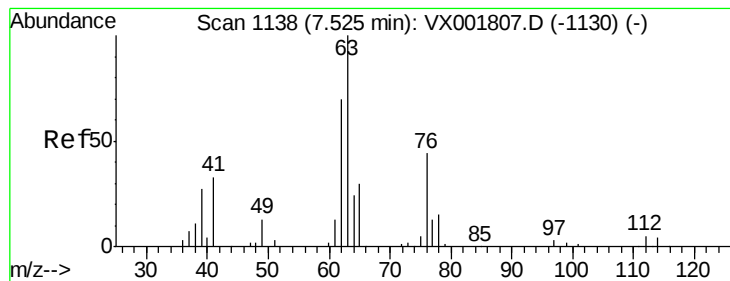
#38
 Methylcyclohexane
 Concen: 8.43 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 83 Resp: 27383
 Ion Ratio Lower Upper
 83 100
 55 80.2 40.0 119.9
 98 51.3 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: 12.28 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

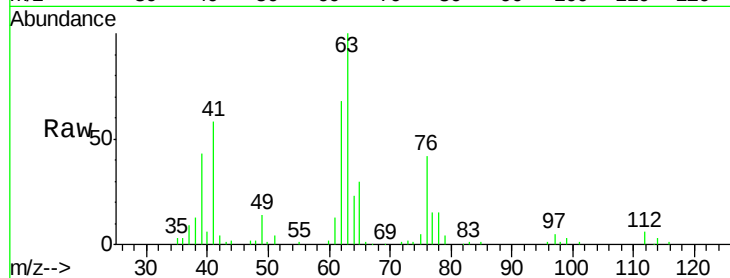
VSTDIC010

Tgt Ion: 63 Resp: 32544

Ion Ratio Lower Upper

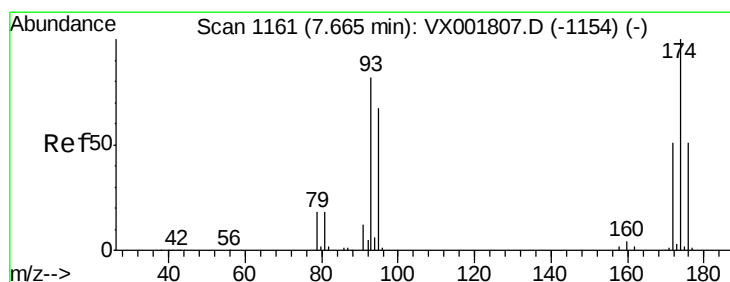
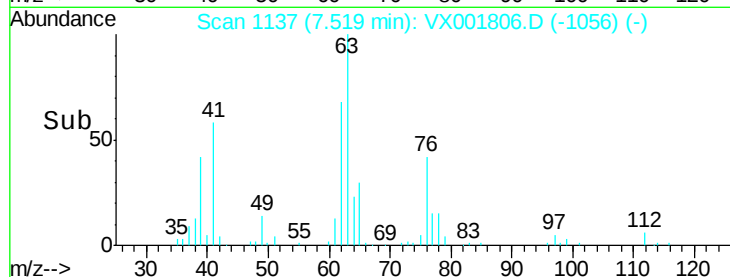
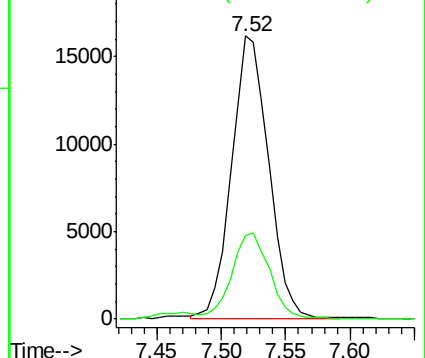
63 100

65 29.8 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: 12.65 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

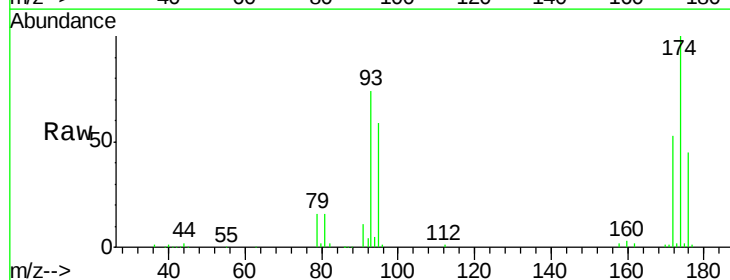
Tgt Ion: 93 Resp: 24037

Ion Ratio Lower Upper

93 100

95 83.3 0.0 167.4

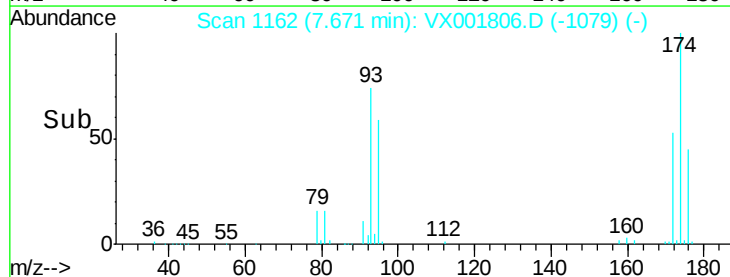
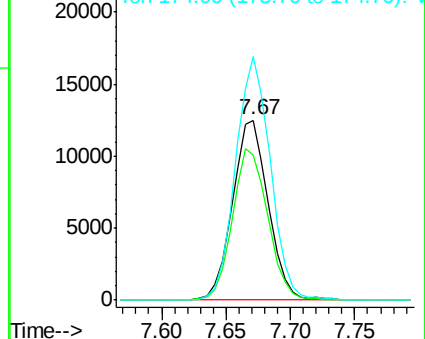
174 131.7 0.0 269.6

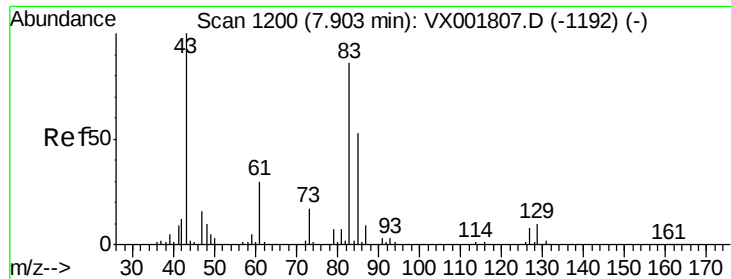


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 11.39 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

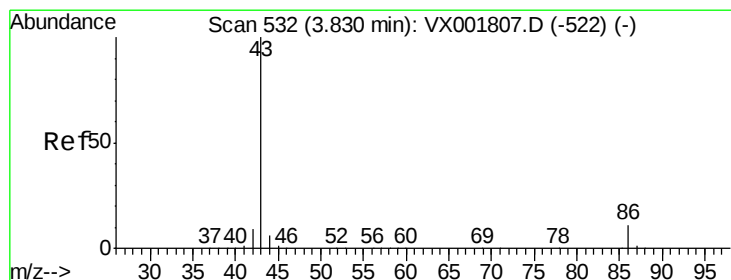
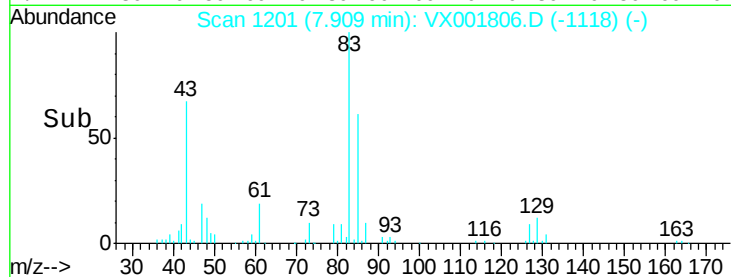
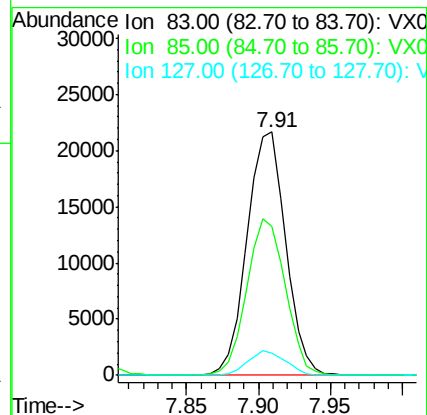
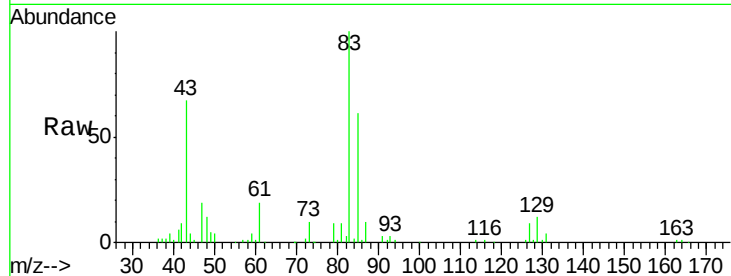
Tgt Ion: 83 Resp: 40288

Ion Ratio Lower Upper

83 100

85 61.0 49.6 74.4

127 8.9 7.0 10.6



#42

Vinyl Acetate

Concen: 51.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001806.D

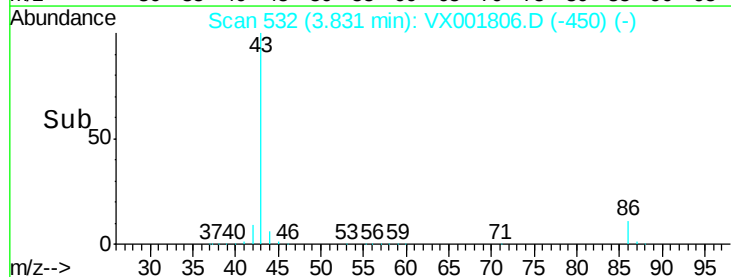
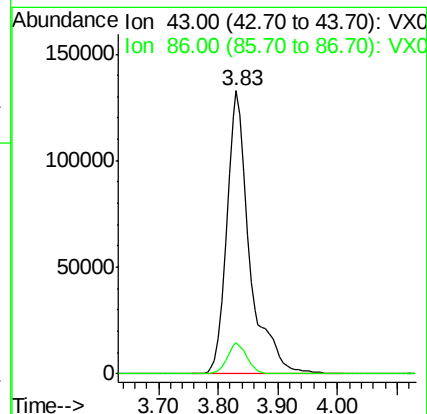
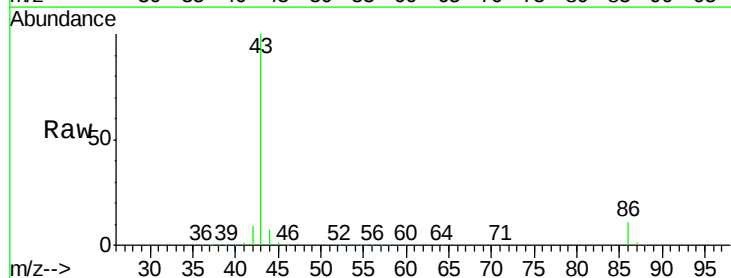
Acq: 18 May 2018 04:14

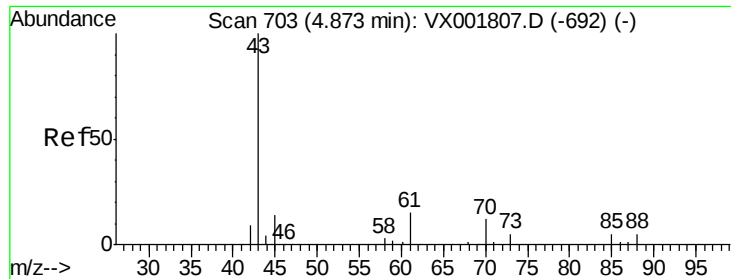
Tgt Ion: 43 Resp: 352562

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 12.67 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

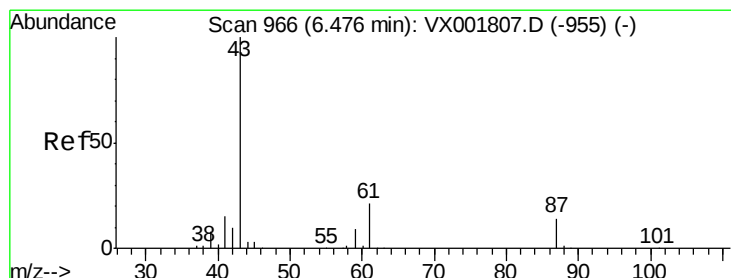
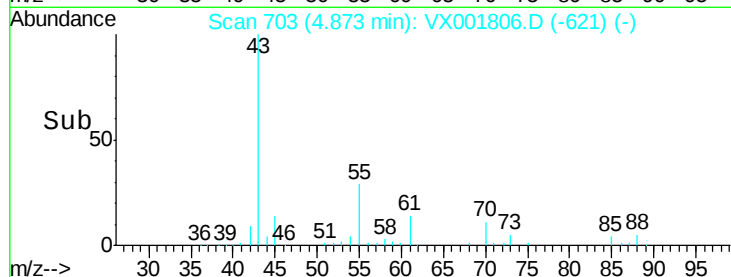
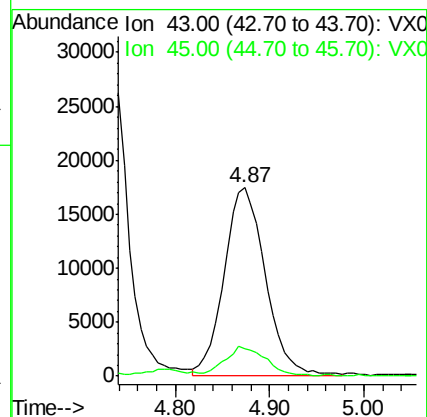
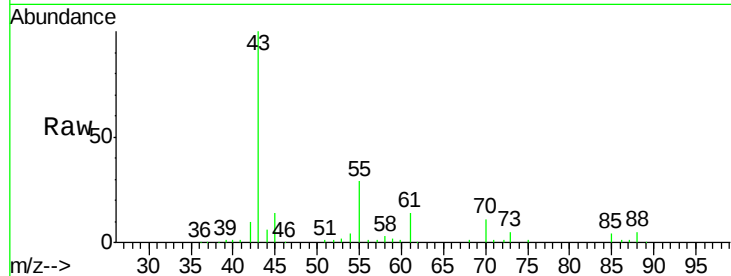
VSTDIC010

Tgt Ion: 43 Resp: 53196

Ion Ratio Lower Upper

43 100

45 15.6 11.8 17.6



#44

Isopropyl Acetate

Concen: 11.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001806.D

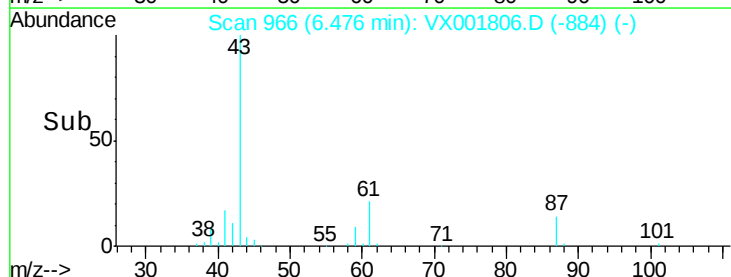
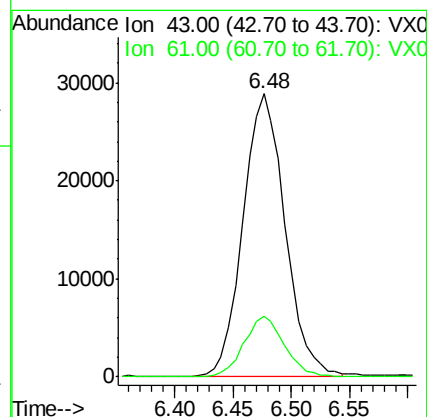
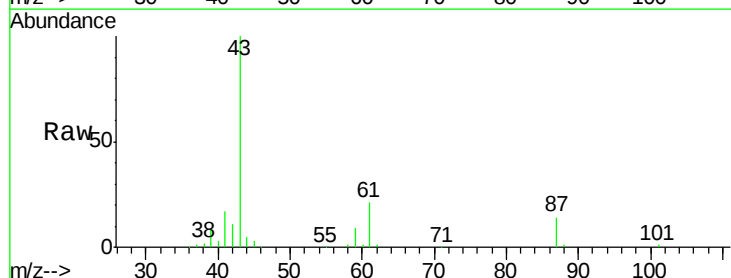
Acq: 18 May 2018 04:14

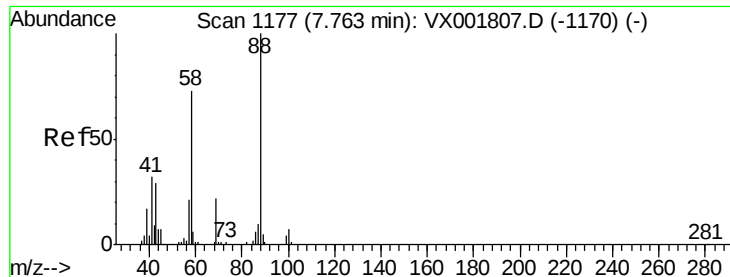
Tgt Ion: 43 Resp: 72300

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

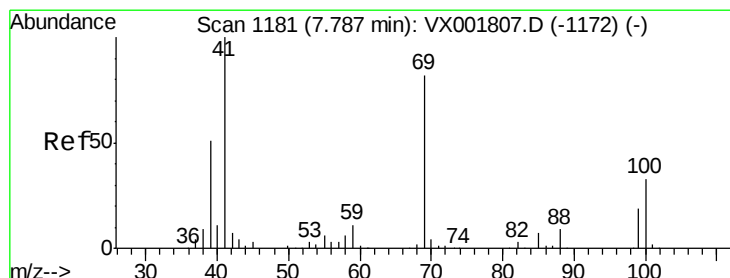
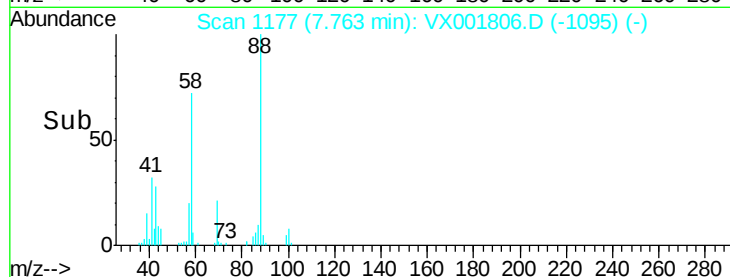
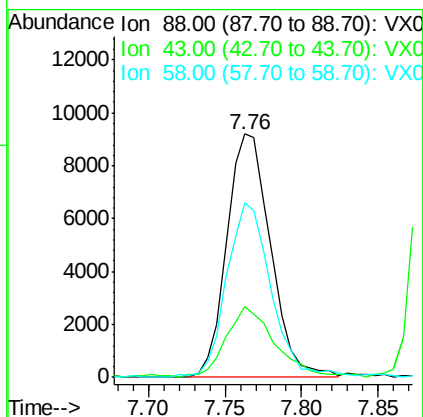
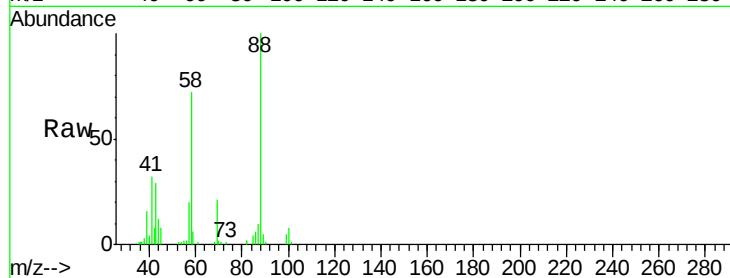




#45
 1,4-Dioxane
 Concen: 243.88 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

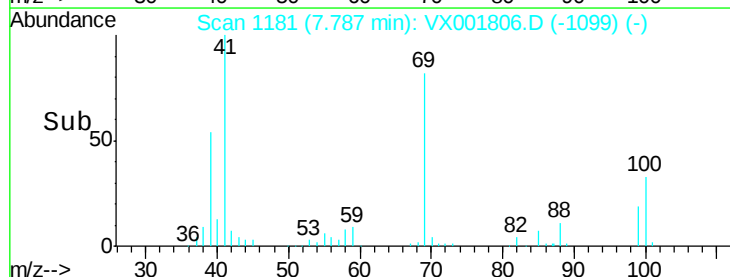
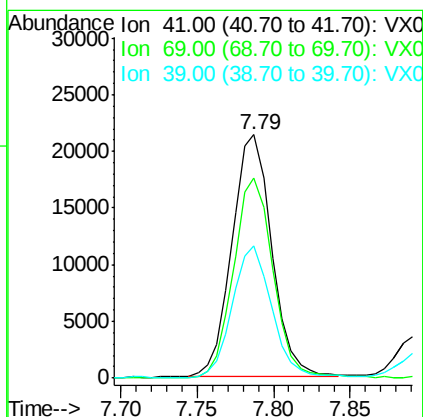
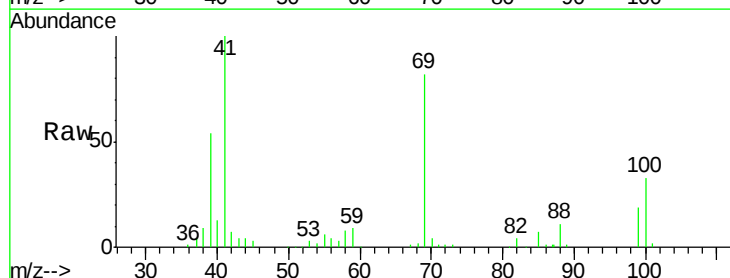
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

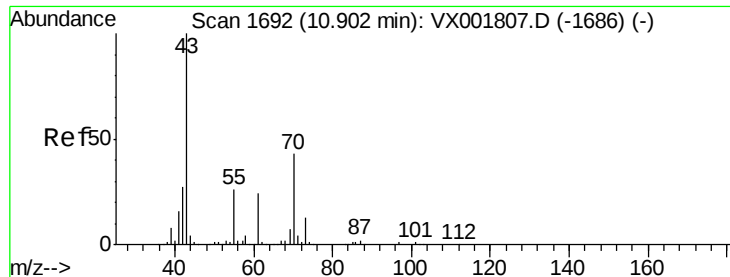
Tgt Ion: 88 Resp: 18295
 Ion Ratio Lower Upper
 88 100
 43 32.1 25.0 37.6
 58 71.1 56.9 85.3



#46
 Methyl methacrylate
 Concen: 11.25 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 41 Resp: 38588
 Ion Ratio Lower Upper
 41 100
 69 82.2 40.9 122.7
 39 54.2 25.3 75.9





#47

n-amy1 Acetate

Concen: 9.36 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

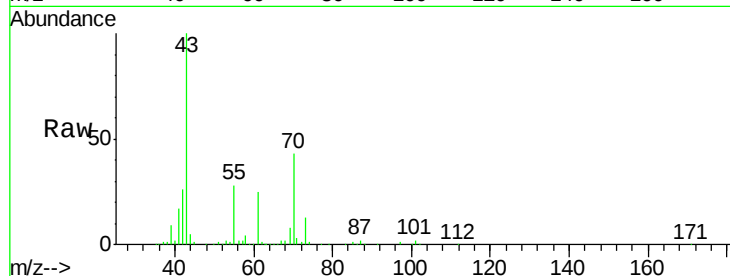
VSTDIC010

Tgt Ion: 43 Resp: 48981

Ion Ratio Lower Upper

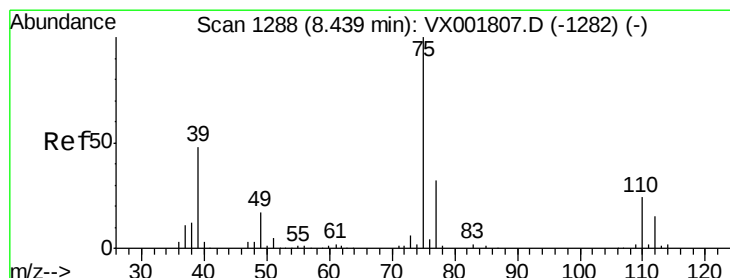
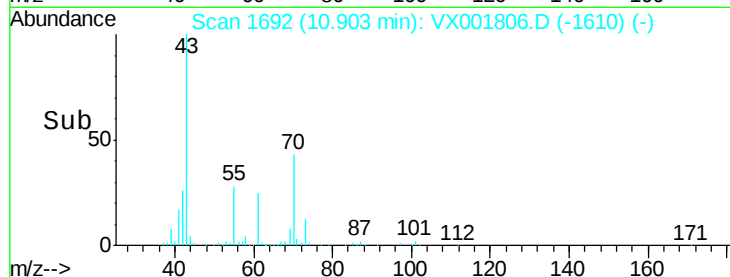
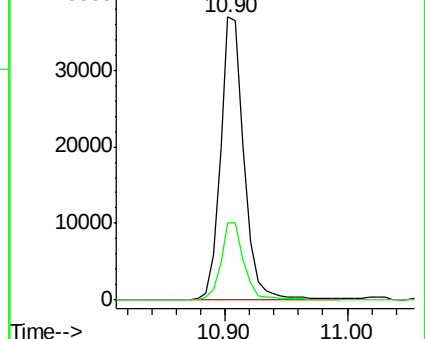
43 100

55 27.4 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: 10.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001806.D

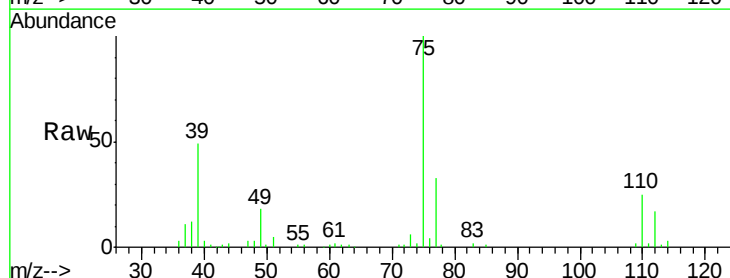
Acq: 18 May 2018 04:14

Tgt Ion: 75 Resp: 41053

Ion Ratio Lower Upper

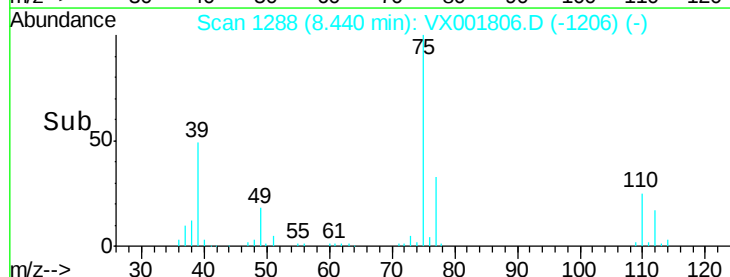
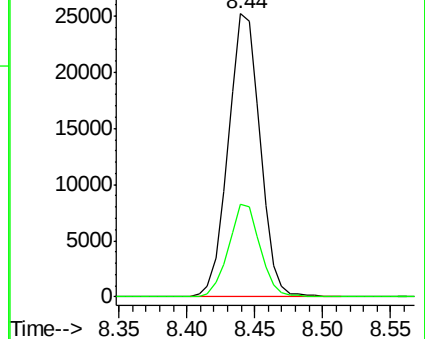
75 100

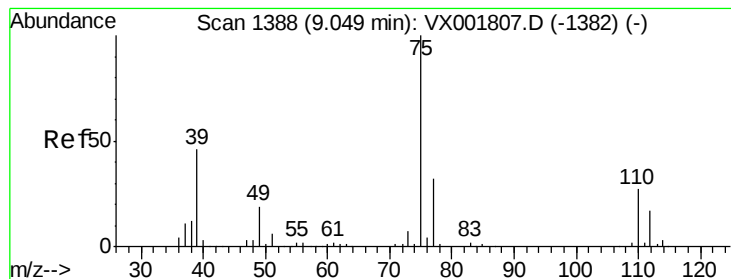
77 32.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



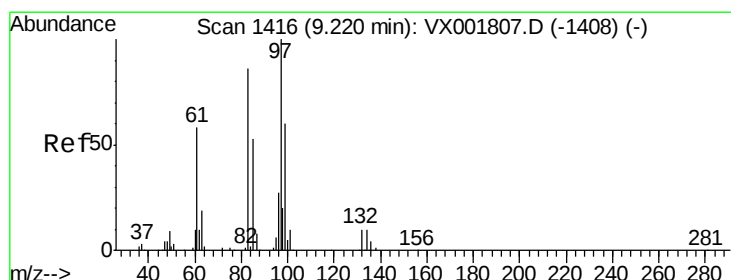
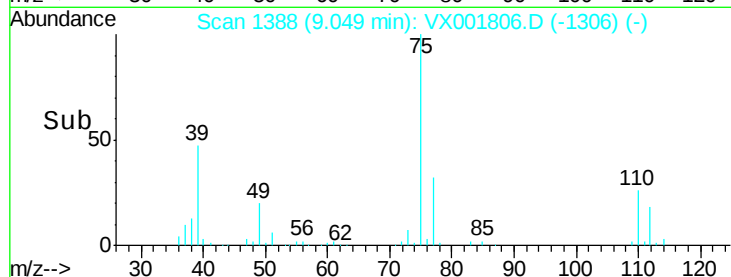
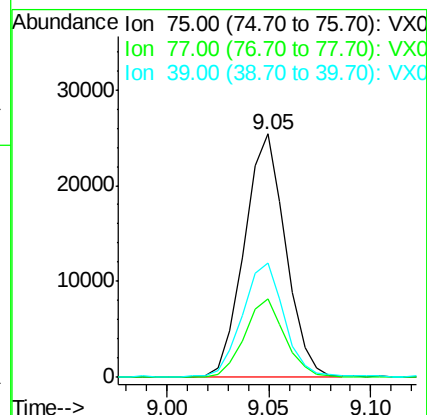
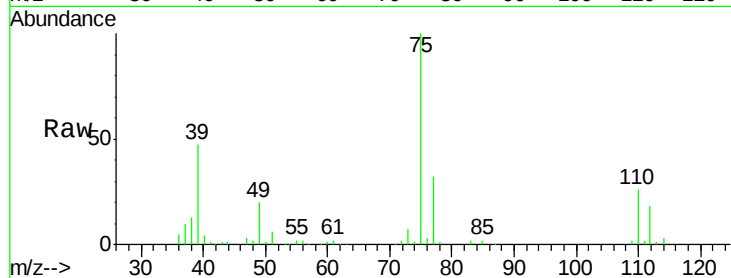


#49

cis-1,3-Dichloropropene
Concen: 10.45 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

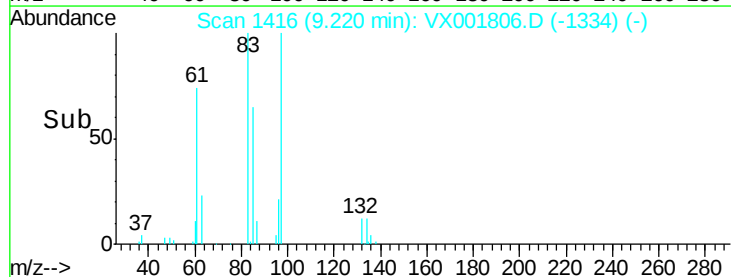
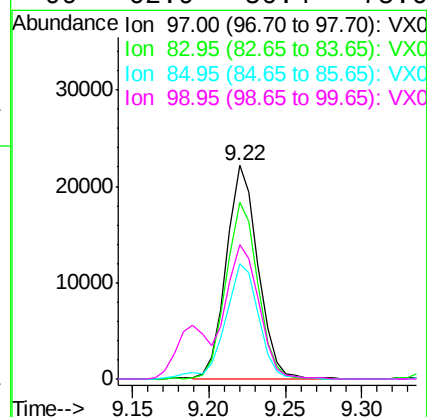
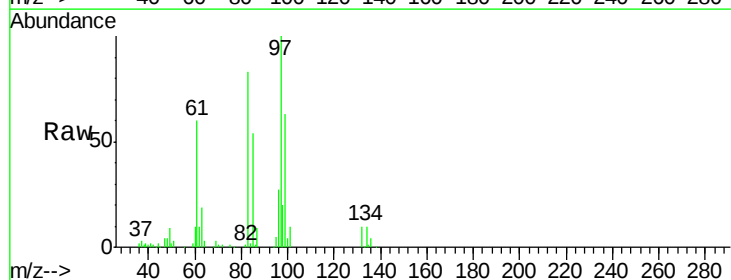
Tgt Ion: 75 Resp: 35734
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 46.4 37.0 55.4

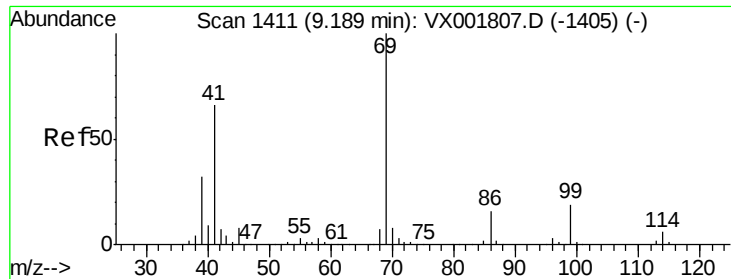


#50

1,1,2-Trichloroethane
Concen: 11.56 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion: 97 Resp: 31908
Ion Ratio Lower Upper
97 100
83 82.4 68.6 103.0
85 54.0 42.5 63.7
99 62.9 50.4 75.6





#51

Ethyl methacrylate

Concen: 10.32 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

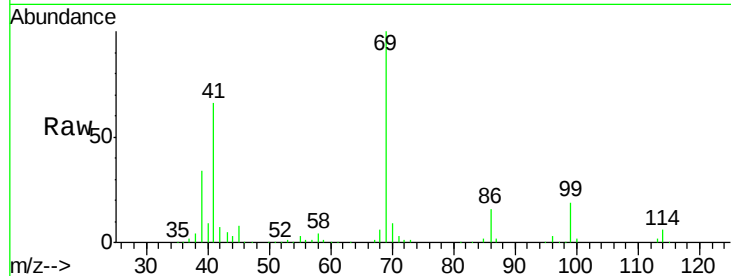
Tgt Ion: 69 Resp: 40934

Ion Ratio Lower Upper

69 100

41 65.4 32.9 98.7

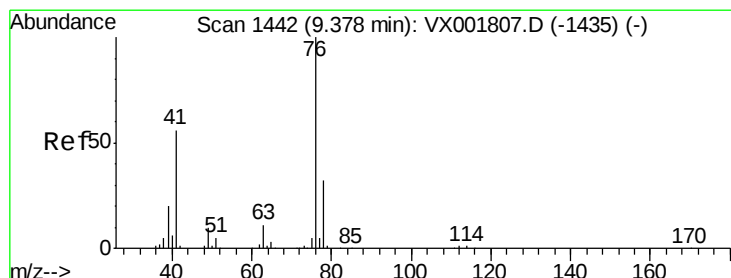
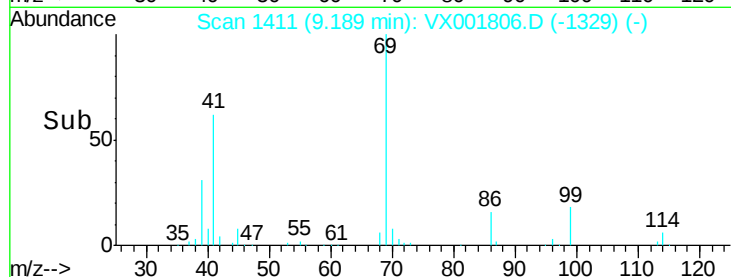
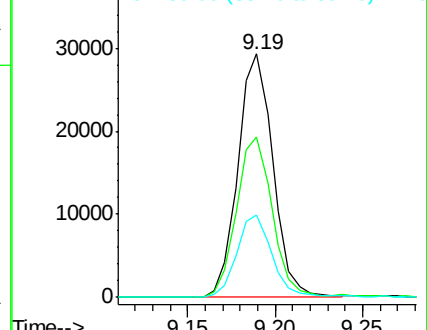
39 33.7 16.1 48.2



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 11.49 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001806.D

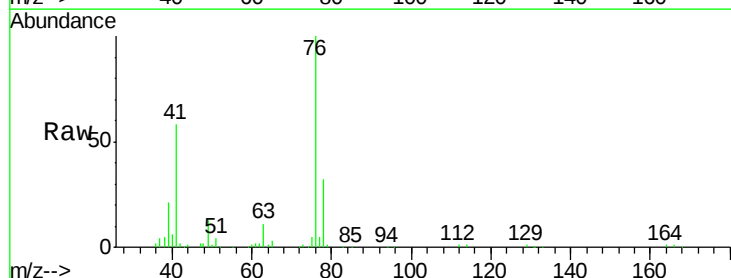
Acq: 18 May 2018 04:14

Tgt Ion: 76 Resp: 51988

Ion Ratio Lower Upper

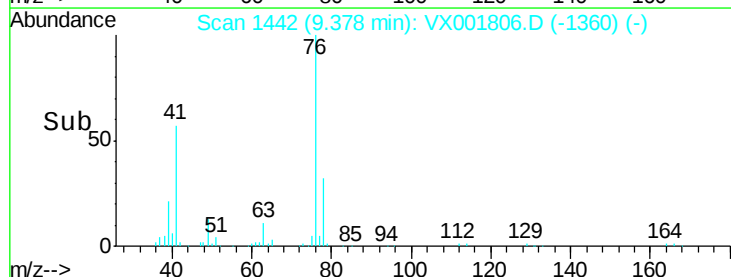
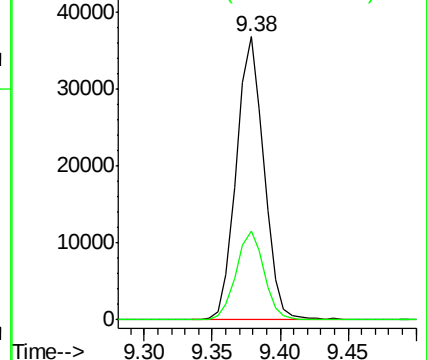
76 100

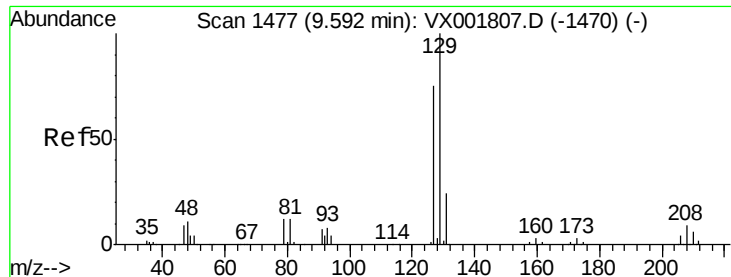
78 31.8 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 10.66 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

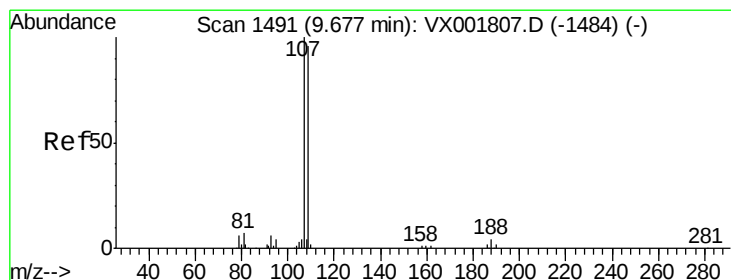
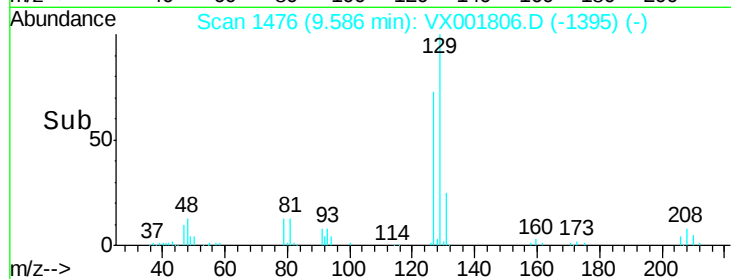
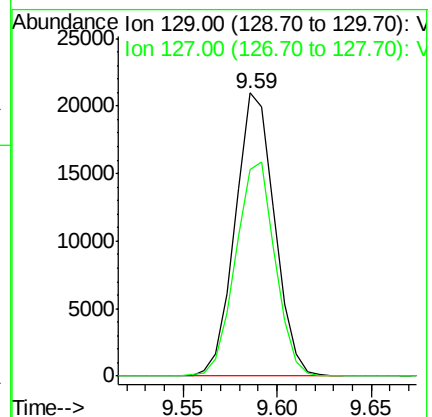
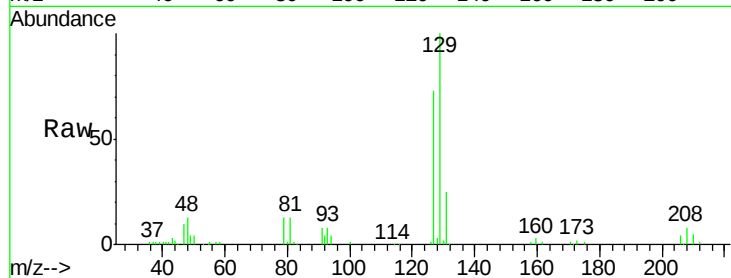
VSTDIC010

Tgt Ion:129 Resp: 30351

Ion Ratio Lower Upper

129 100

127 75.7 38.7 116.1



#54

1,2-Dibromoethane

Concen: 11.41 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001806.D

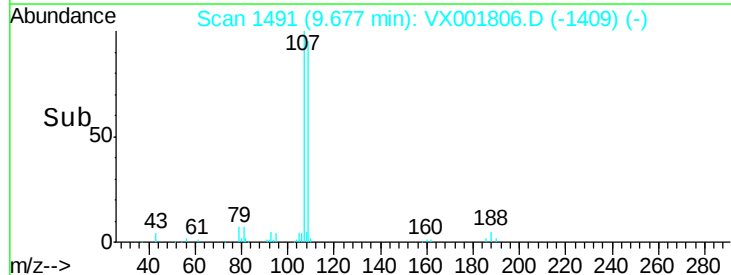
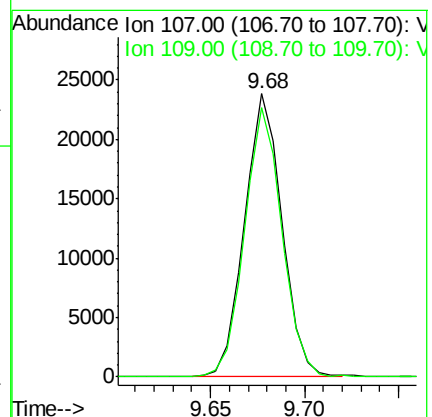
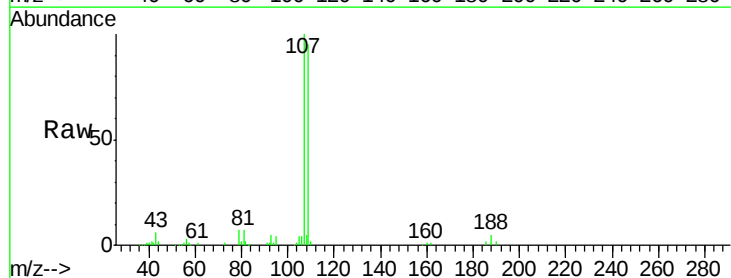
Acq: 18 May 2018 04:14

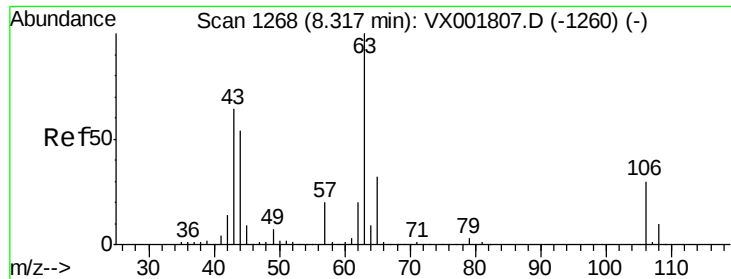
Tgt Ion:107 Resp: 32939

Ion Ratio Lower Upper

107 100

109 94.5 76.3 114.5

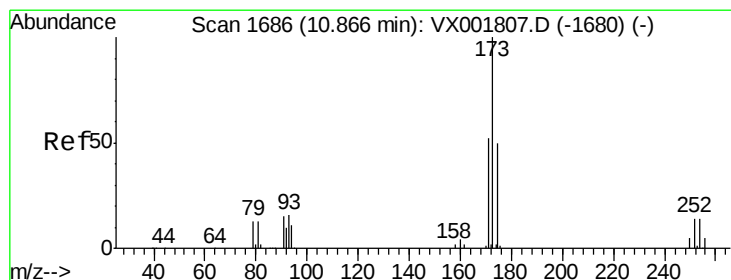
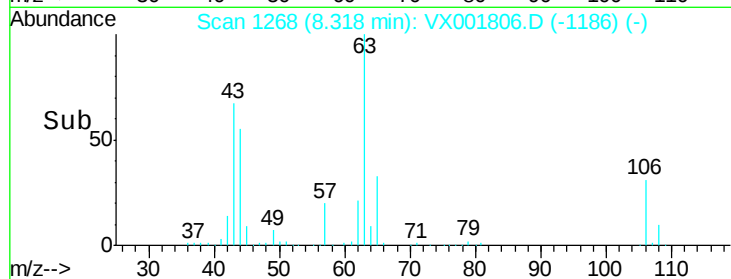
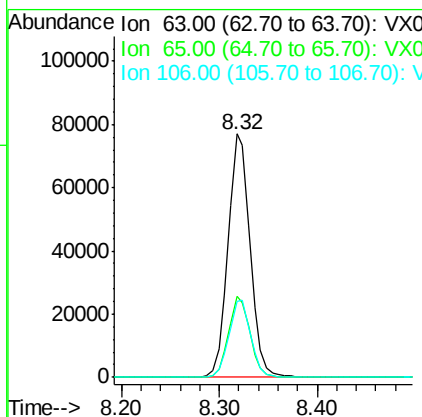
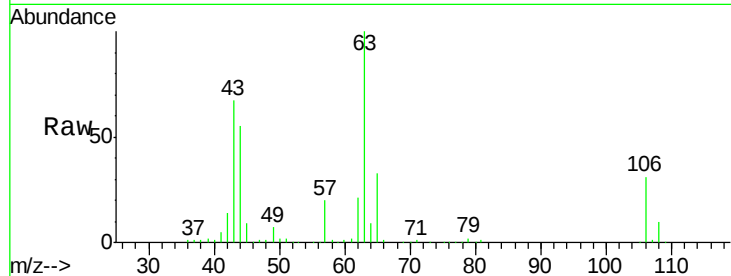




#55
 2-Chloroethyl vinyl ether
 Concen: 55.76 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

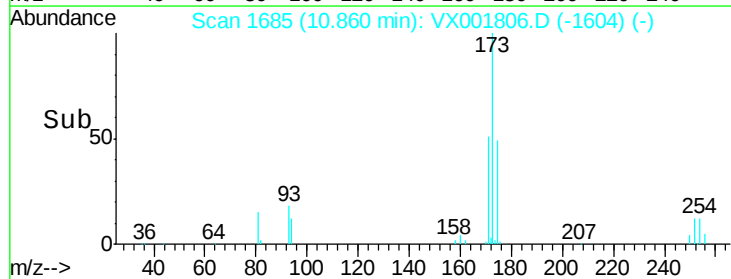
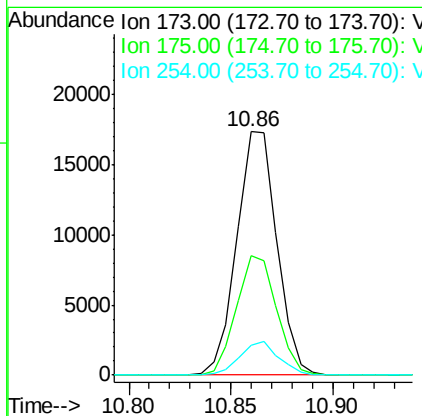
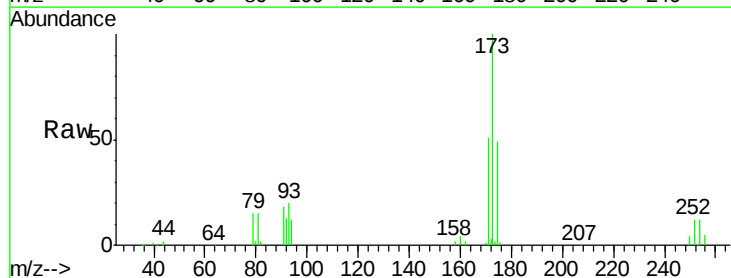
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

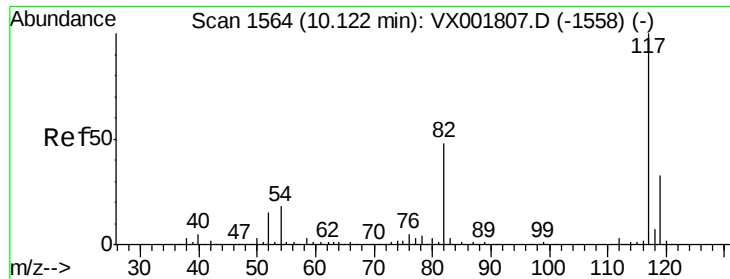
Tgt Ion: 63 Resp: 120315
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.4 38.2
 106 31.3 24.9 37.3



#56
 Bromoform
 Concen: 10.12 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 173 Resp: 23719
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.8 58.2
 254 13.0 10.7 16.1

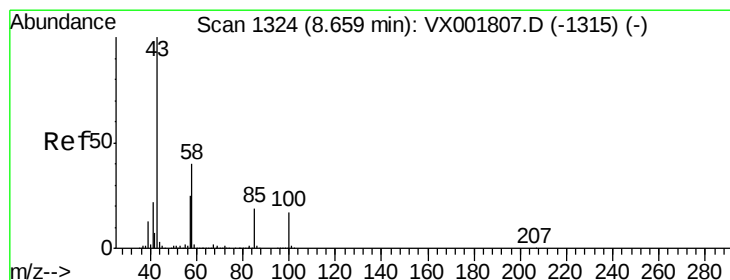
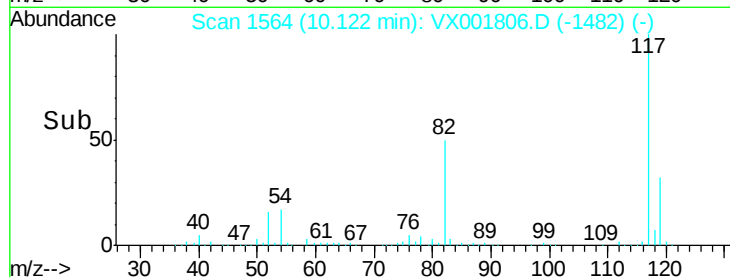
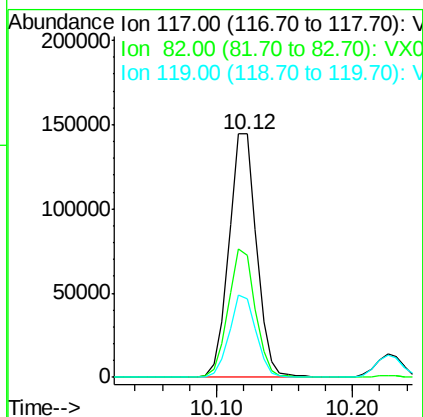
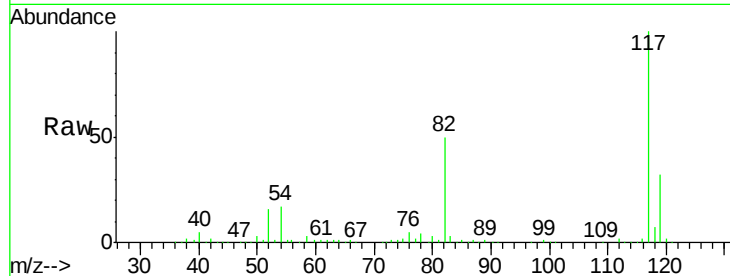




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

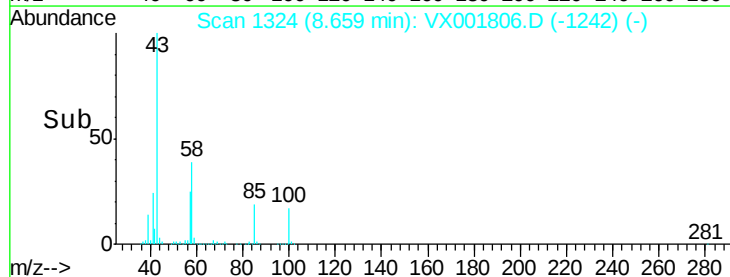
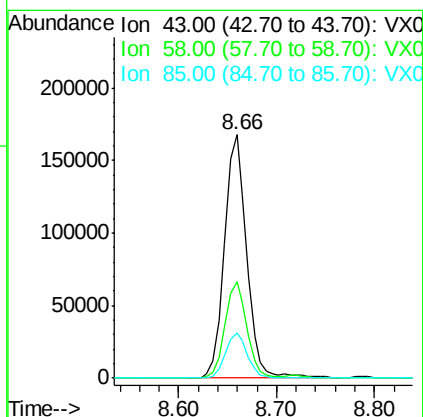
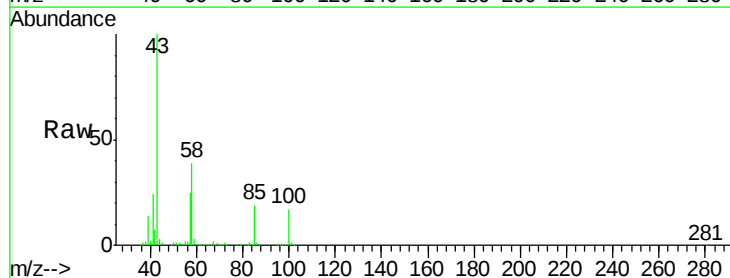
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

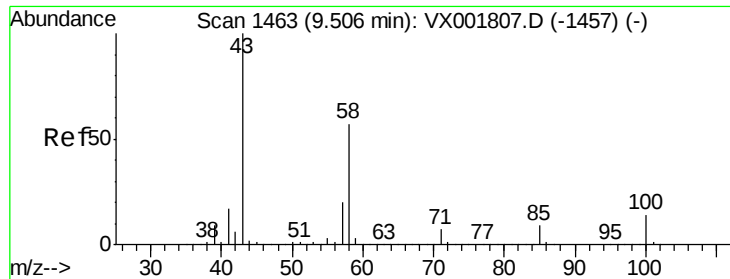
Tgt Ion: 117 Resp: 204118
Ion Ratio Lower Upper
117 100
82 51.7 40.1 60.1
119 32.8 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 67.74 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion: 43 Resp: 265206
Ion Ratio Lower Upper
43 100
58 38.8 31.3 46.9
85 18.2 14.5 21.7

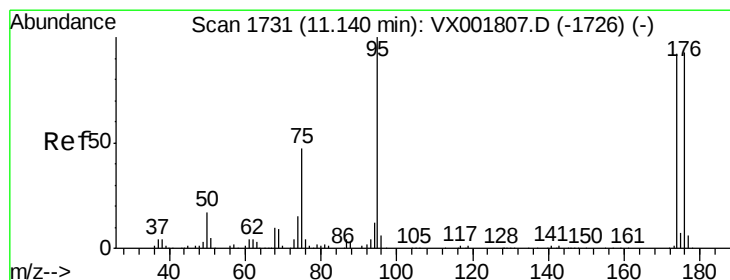
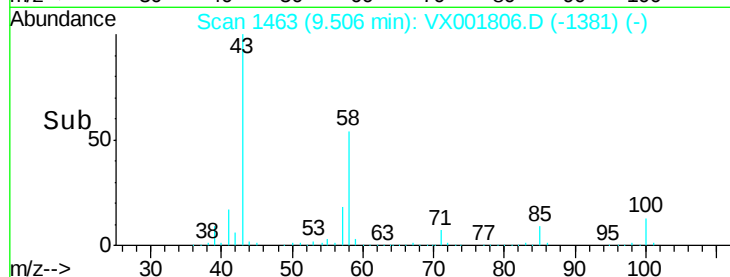
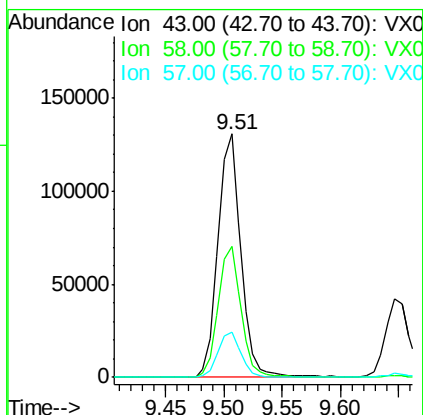
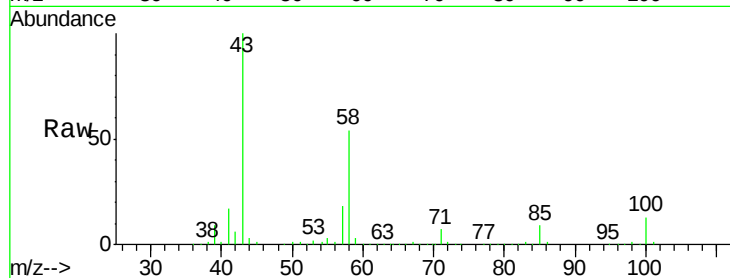




#59
2-Hexanone
Concen: 62.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

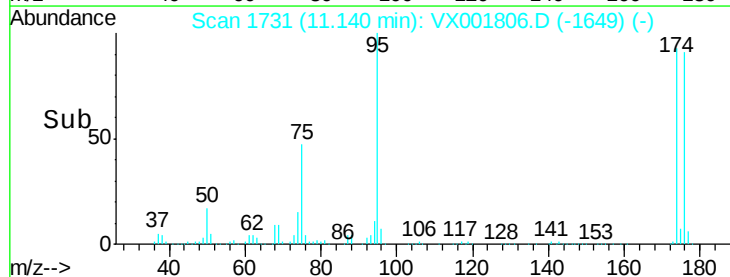
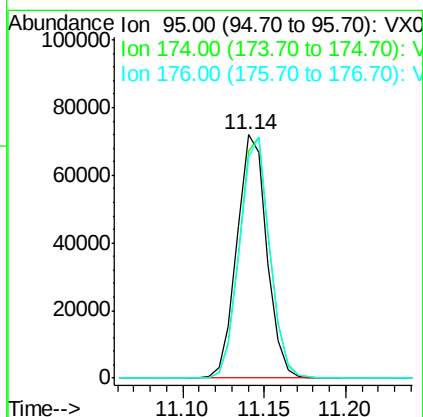
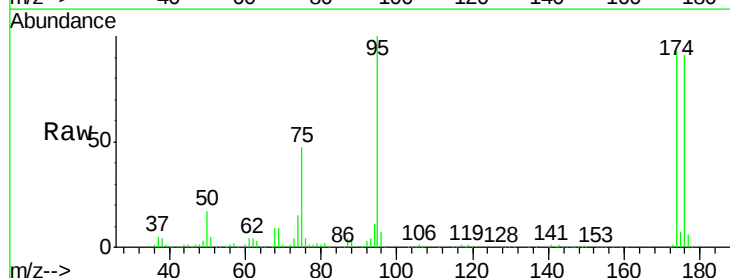
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

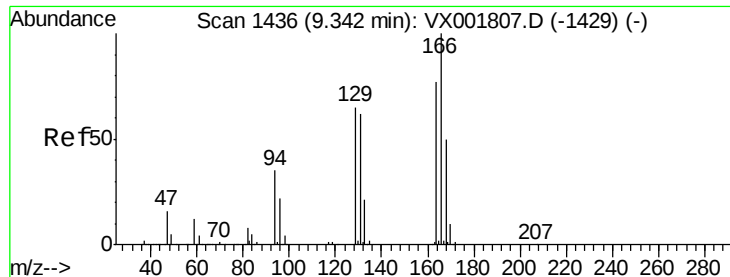
Tgt Ion: 43 Resp: 177126
Ion Ratio Lower Upper
43 100
58 53.8 44.6 66.8
57 18.7 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion: 95 Resp: 91888
Ion Ratio Lower Upper
95 100
174 100.3 82.0 123.0
176 99.2 80.6 120.8





#61

Tetrachloroethene

Concen: 10.95 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:164 Resp: 31844

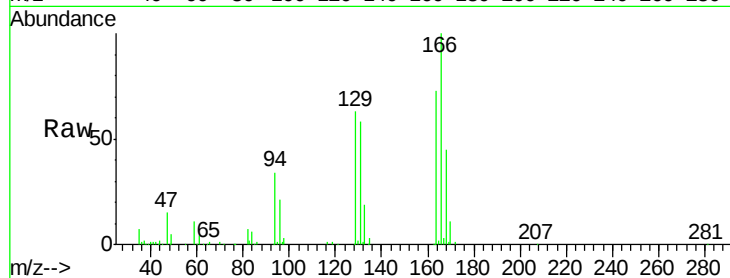
Ion Ratio Lower Upper

164 100

166 136.8 104.1 156.1

129 86.2 67.8 101.8

131 79.3 64.6 97.0

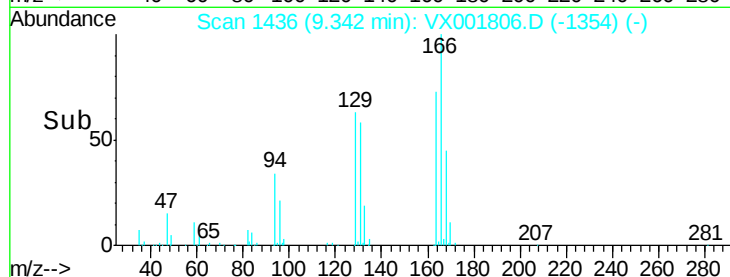


Abundance Ion 163.85 (163.55 to 164.55): V

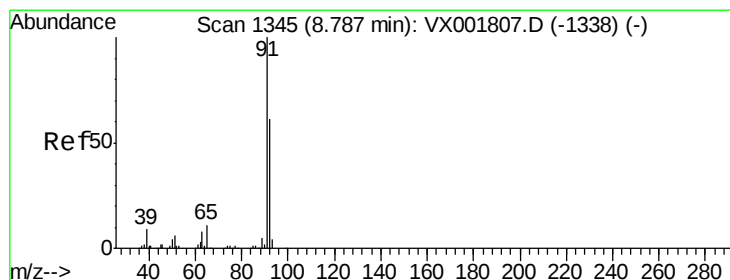
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 12.42 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX001806.D

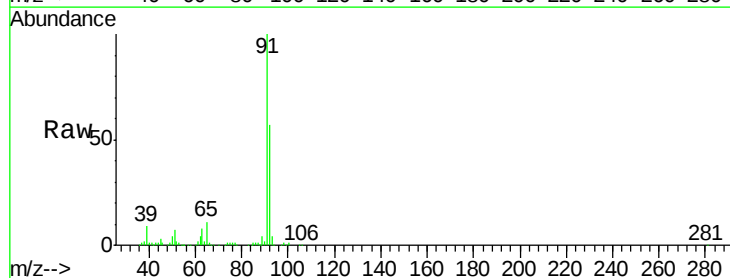
Acq: 18 May 2018 04:14

Tgt Ion: 91 Resp: 124072

Ion Ratio Lower Upper

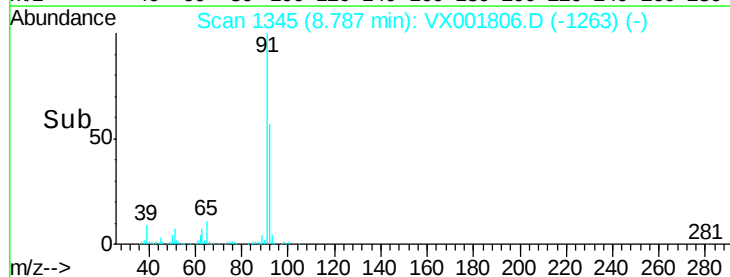
91 100

92 58.3 47.8 71.6

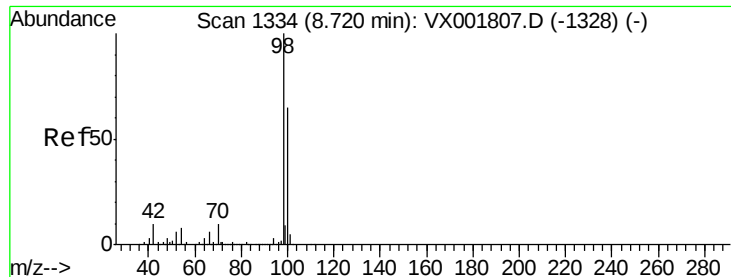


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 33.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

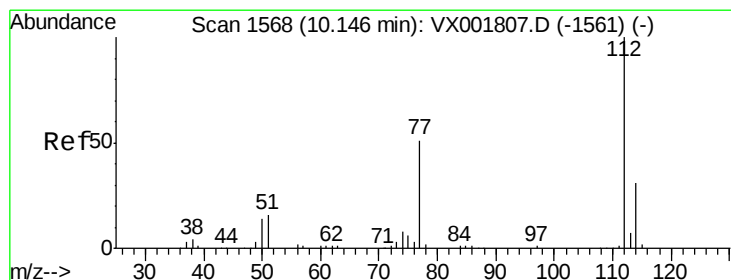
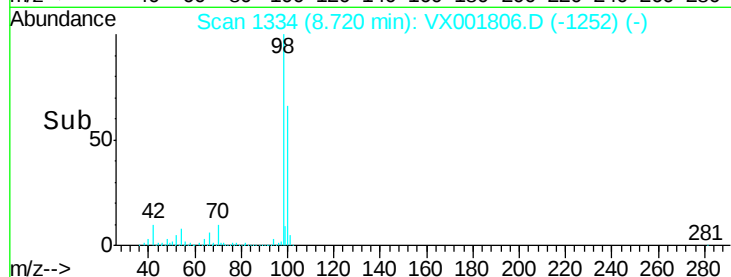
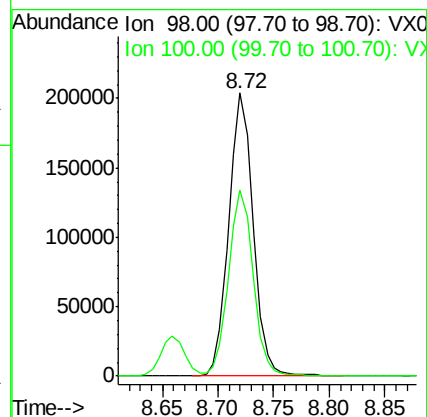
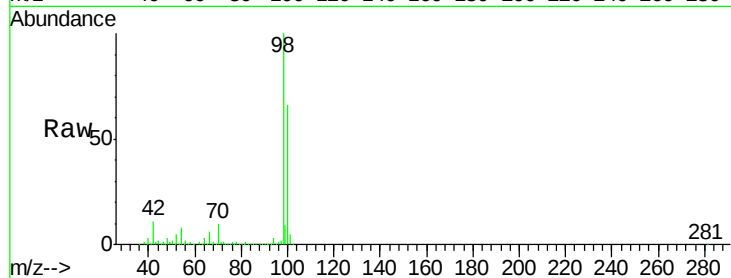
VSTDIC010

Tgt Ion: 98 Resp: 309678

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#64

Chlorobenzene

Concen: 11.32 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001806.D

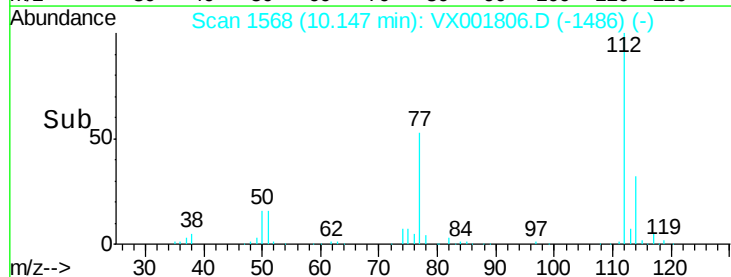
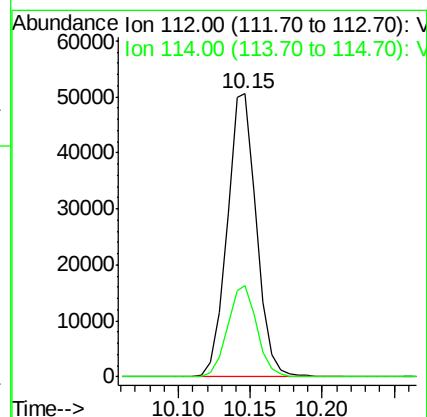
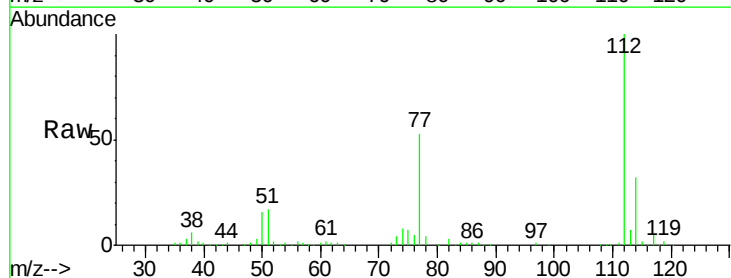
Acq: 18 May 2018 04:14

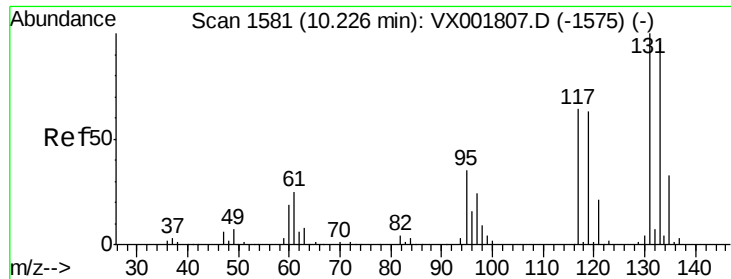
Tgt Ion: 112 Resp: 72418

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 11.81 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

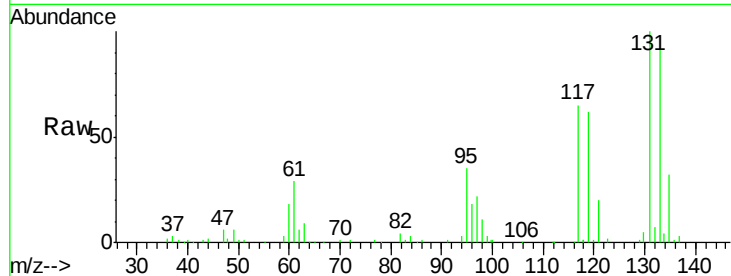
Tgt Ion:131 Resp: 29169

Ion Ratio Lower Upper

131 100

133 94.1 0.0 192.2

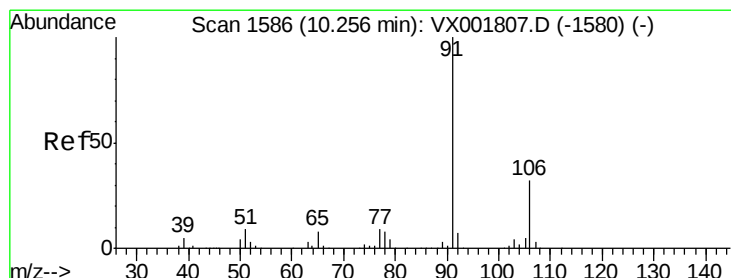
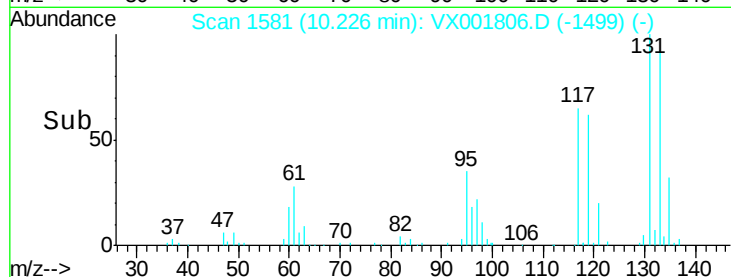
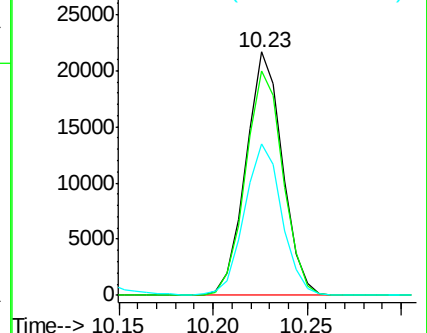
119 63.7 0.0 125.4



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: 10.08 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001806.D

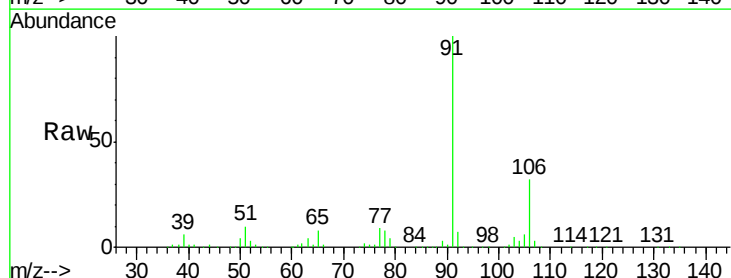
Acq: 18 May 2018 04:14

Tgt Ion: 91 Resp: 100019

Ion Ratio Lower Upper

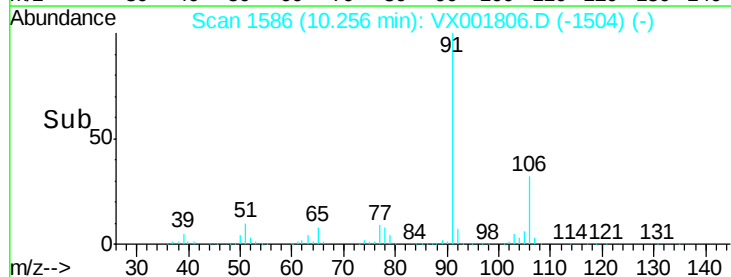
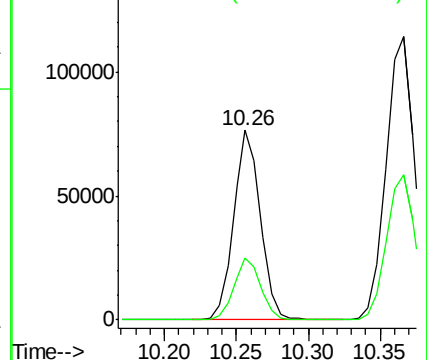
91 100

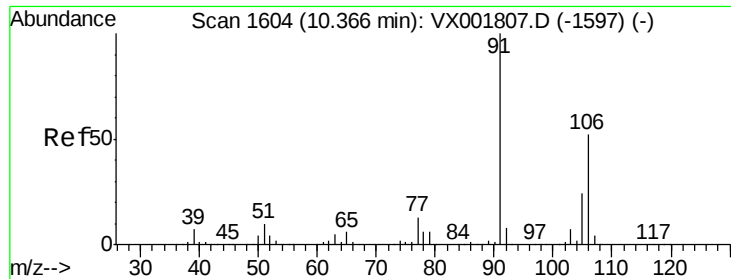
106 32.4 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

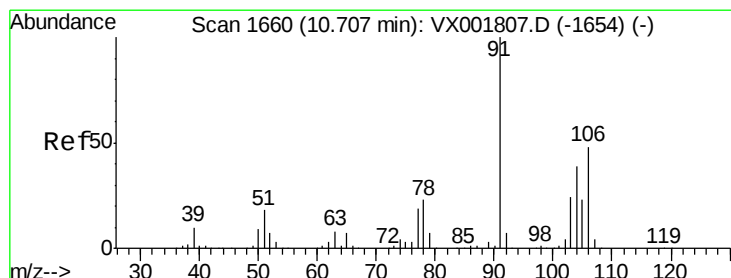
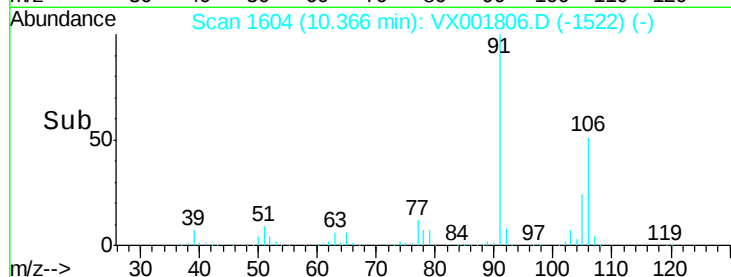
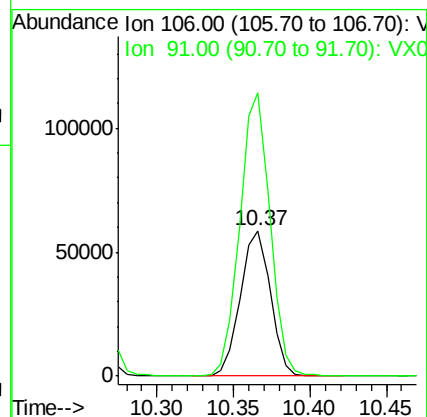
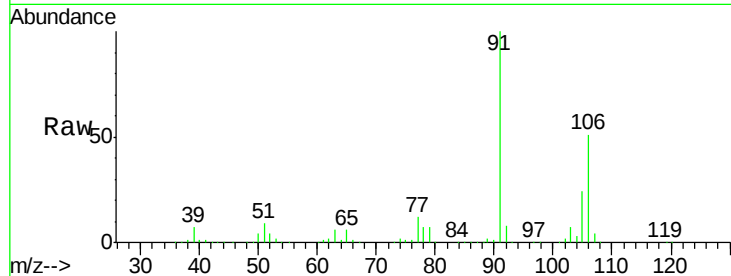




#67
m/p-Xylenes
Concen: 20.39 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

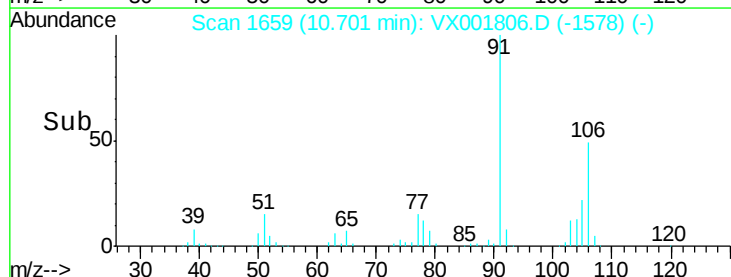
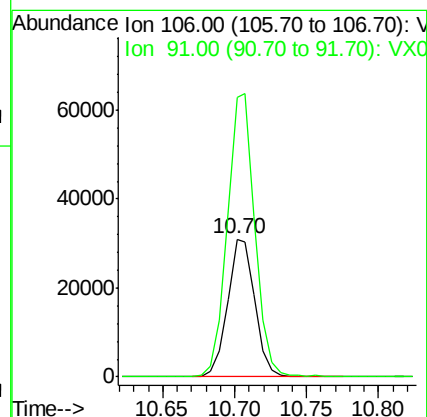
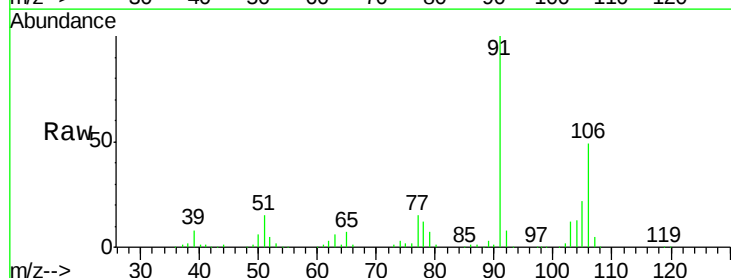
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

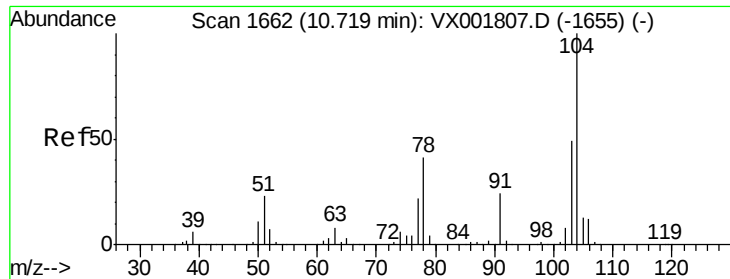
Tgt Ion:106 Resp: 80653
Ion Ratio Lower Upper
106 100
91 194.6 154.7 232.1



#68
o-Xylene
Concen: 10.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion:106 Resp: 41485
Ion Ratio Lower Upper
106 100
91 204.5 104.3 312.8





#69

Styrene

Concen: 10.37 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

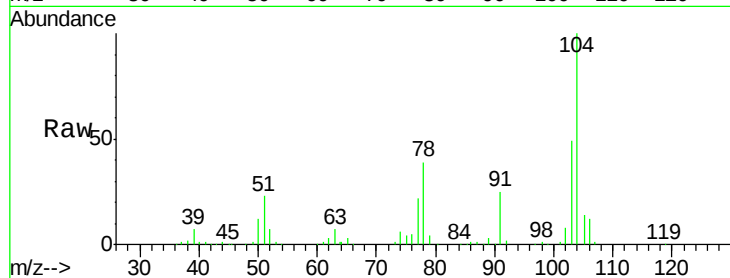
Tgt Ion:104 Resp: 68031

Ion Ratio Lower Upper

104 100

78 46.3 37.0 55.6

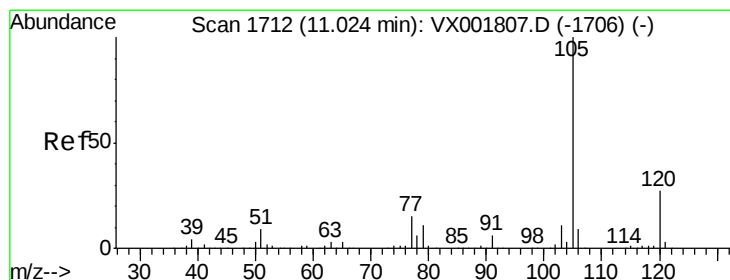
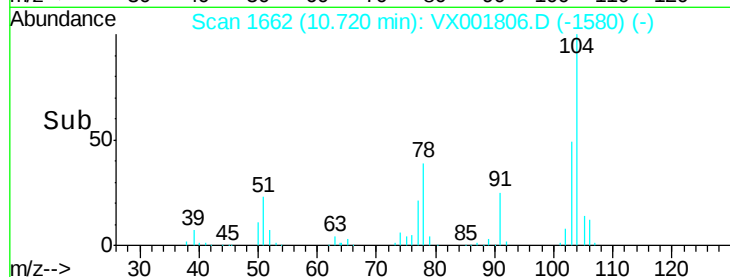
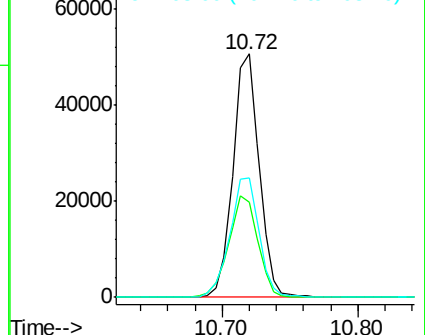
103 54.5 43.5 65.3



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: 9.89 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001806.D

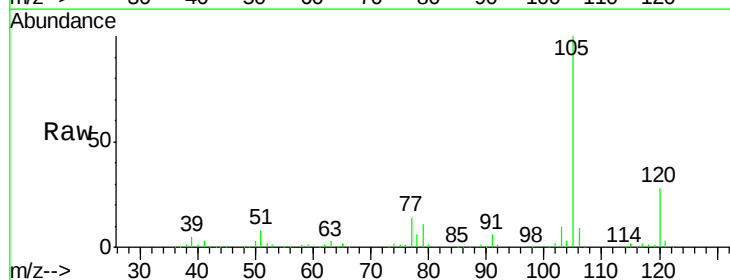
Acq: 18 May 2018 04:14

Tgt Ion:105 Resp: 98654

Ion Ratio Lower Upper

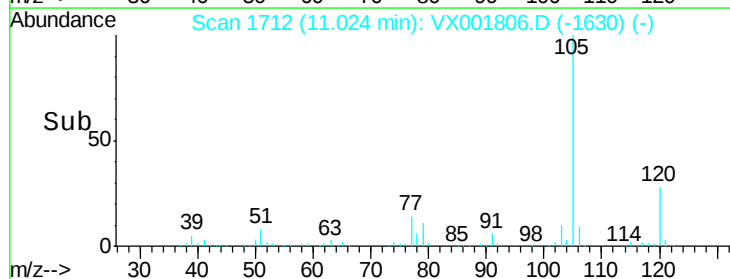
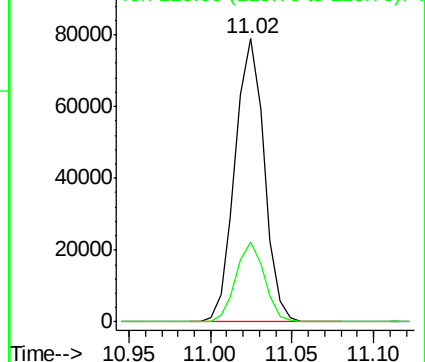
105 100

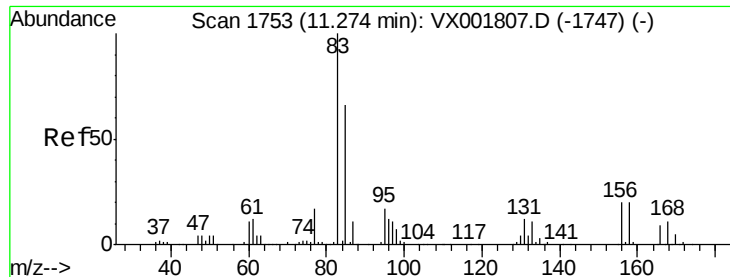
120 27.4 19.3 35.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

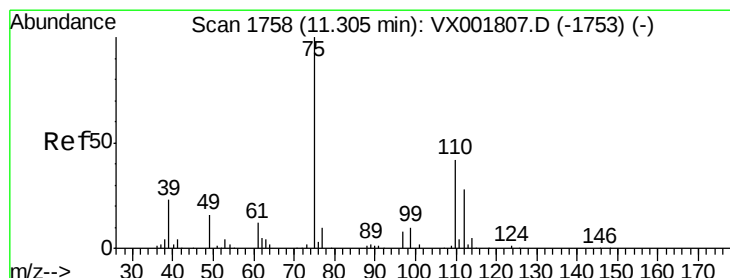
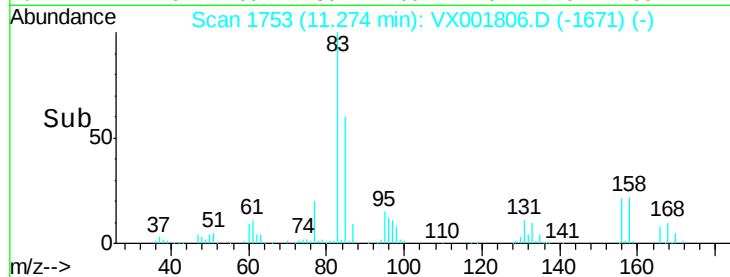
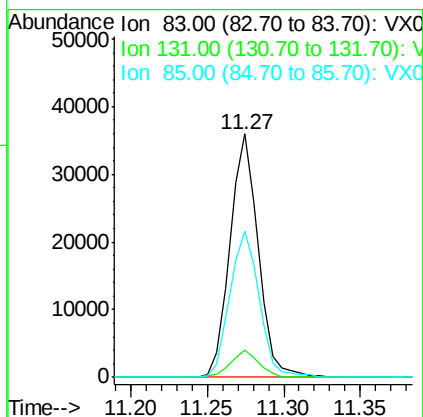
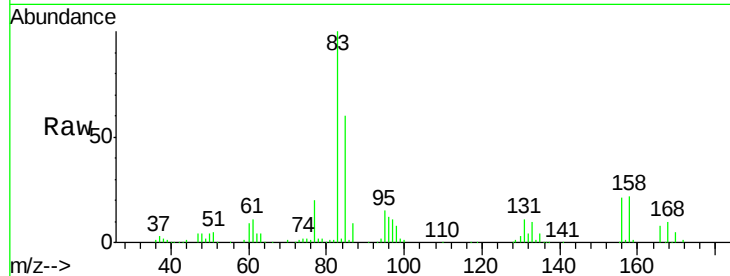




#71
 1,1,2,2-Tetrachloroethane
 Concen: 12.87 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

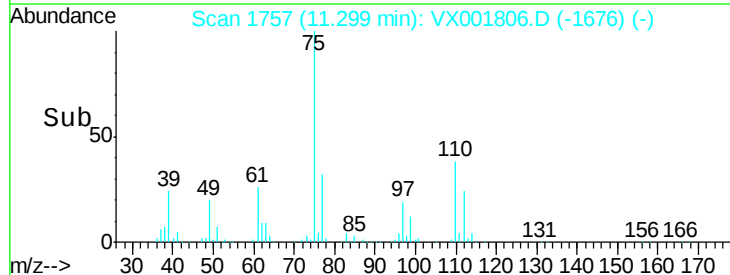
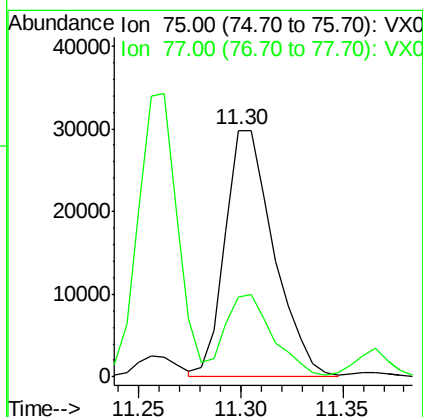
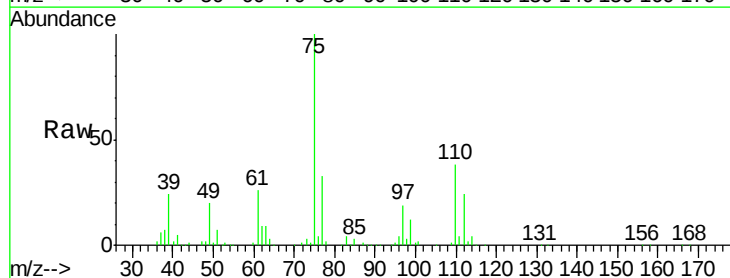
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

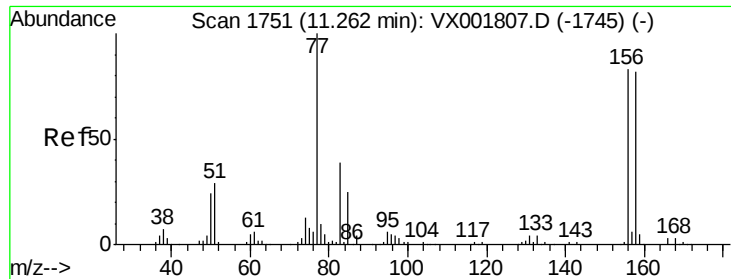
Tgt Ion: 83 Resp: 46019
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.8 17.3
 85 62.7 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 14.25 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 75 Resp: 49358
 Ion Ratio Lower Upper
 75 100
 77 33.2 0.0 74.6





#73

Bromobenzene

Concen: 11.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

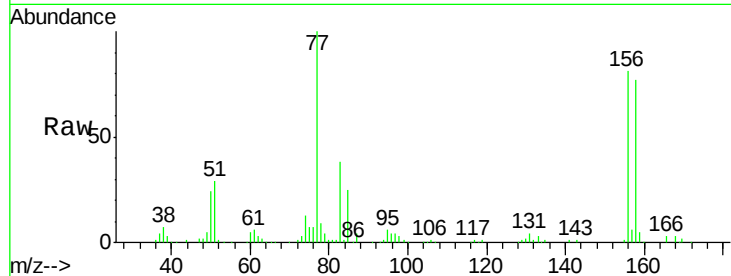
Tgt Ion:156 Resp: 35355

Ion Ratio Lower Upper

156 100

77 128.9 0.0 261.8

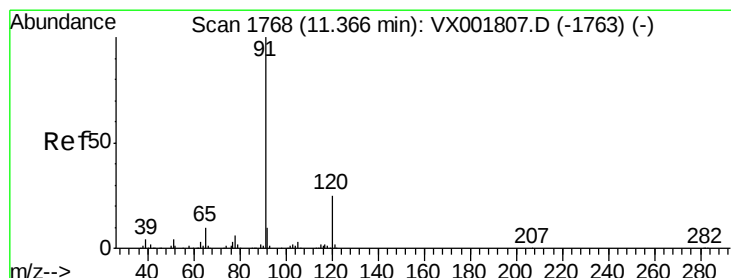
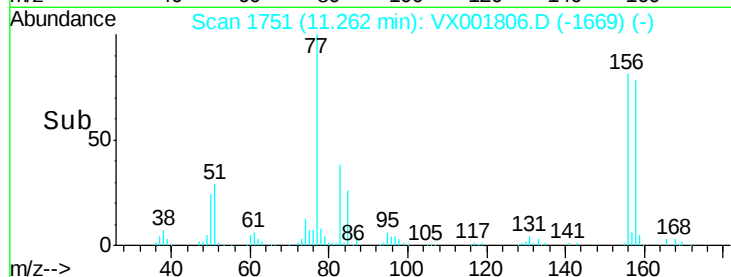
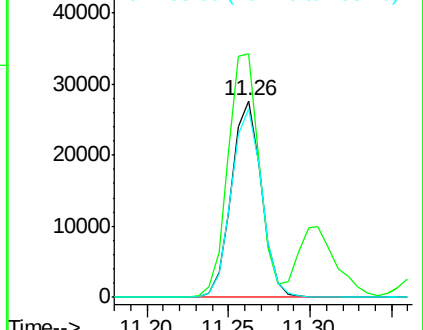
158 98.1 0.0 198.2



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: 9.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001806.D

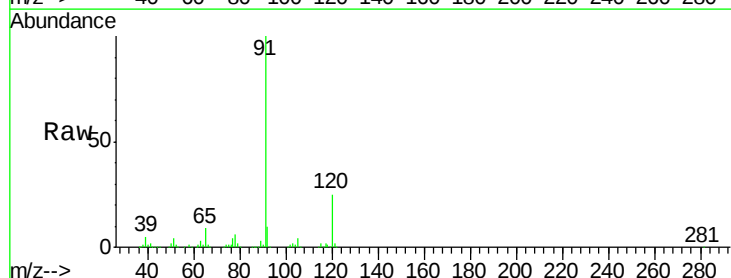
Acq: 18 May 2018 04:14

Tgt Ion: 91 Resp: 101209

Ion Ratio Lower Upper

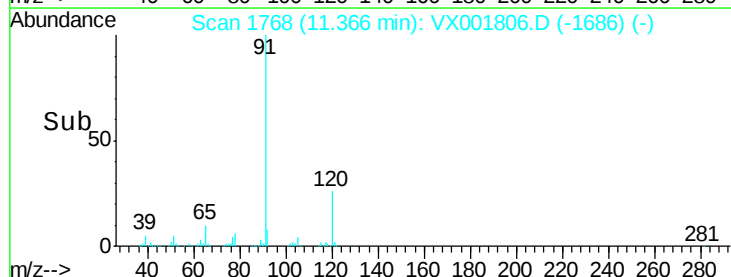
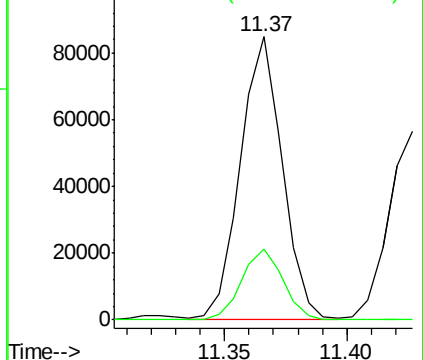
91 100

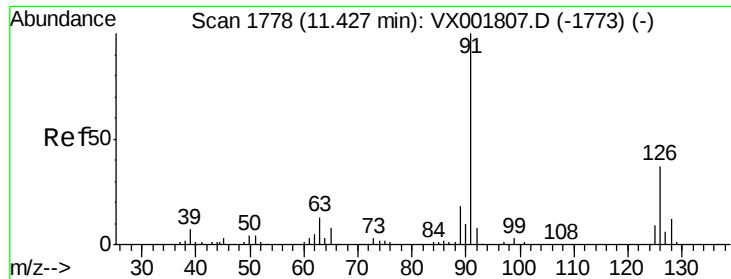
120 24.8 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 10.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

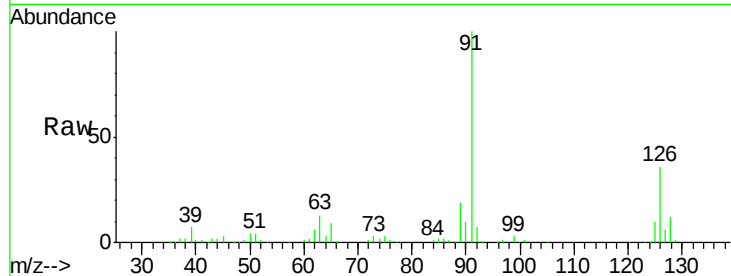
VSTDIC010

Tgt Ion: 91 Resp: 71222

Ion Ratio Lower Upper

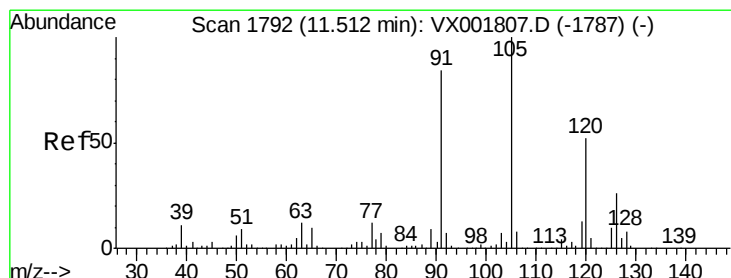
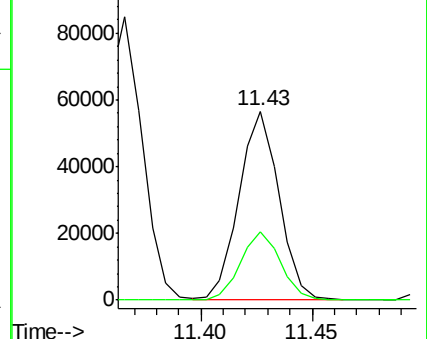
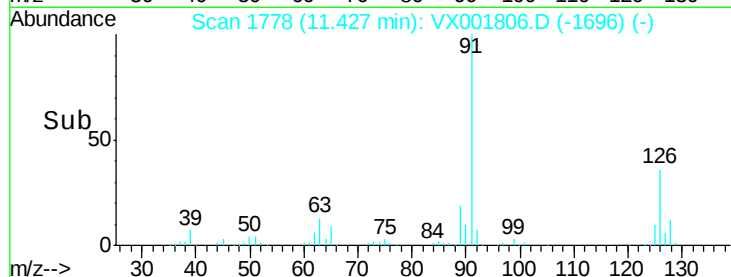
91 100

126 36.2 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 9.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001806.D

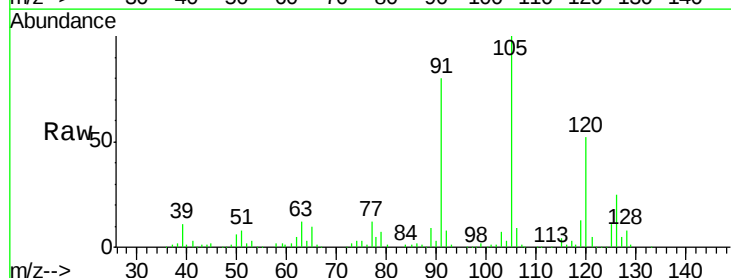
Acq: 18 May 2018 04:14

Tgt Ion: 105 Resp: 81507

Ion Ratio Lower Upper

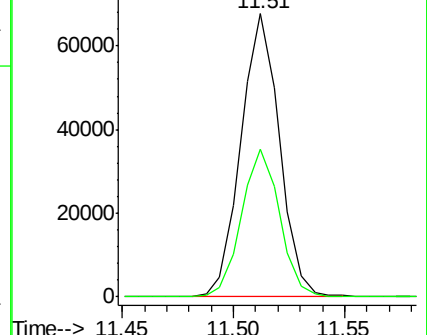
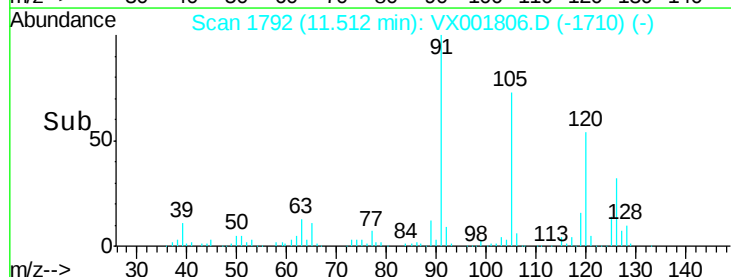
105 100

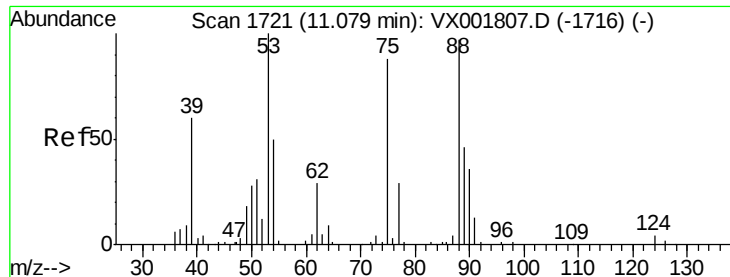
120 51.8 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 9.59 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001806.D

Acq: 18 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

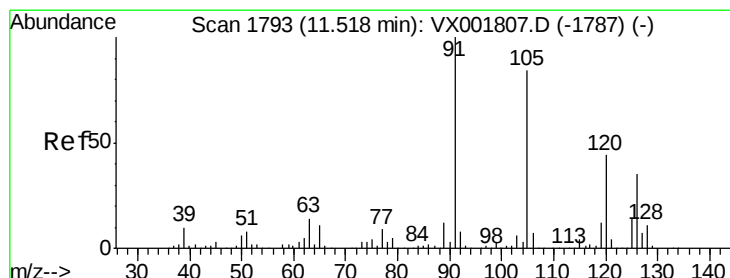
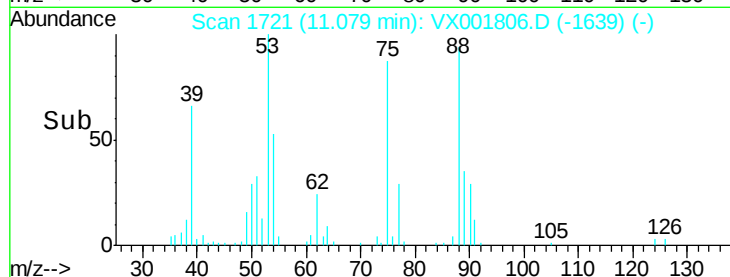
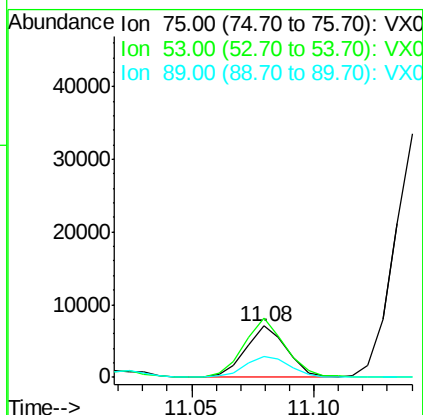
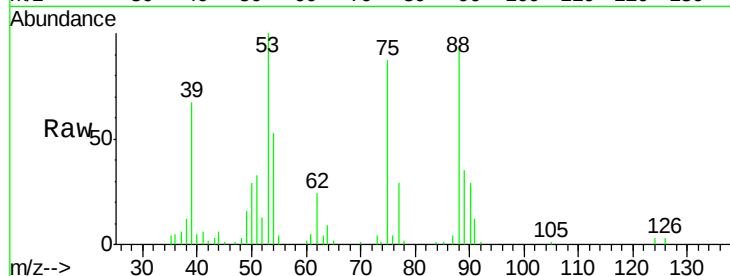
Tgt Ion: 75 Resp: 8285

Ion Ratio Lower Upper

75 100

53 114.6 57.0 170.8

89 39.7 26.3 78.9



#78

4-Chlorotoluene

Concen: 9.87 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001806.D

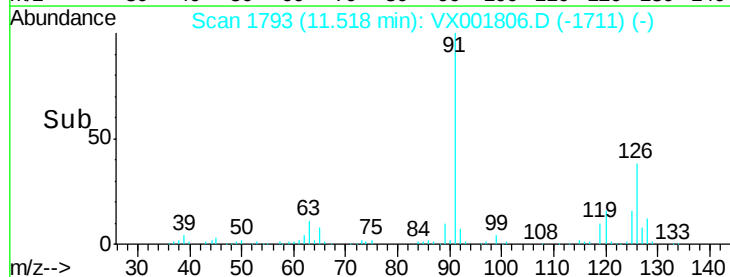
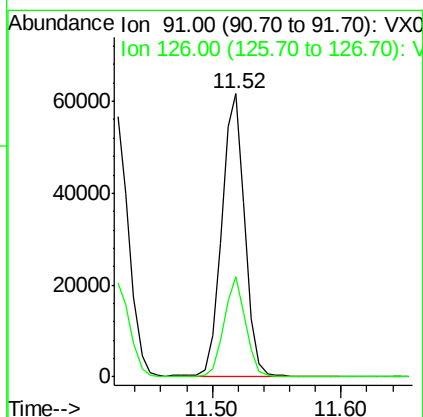
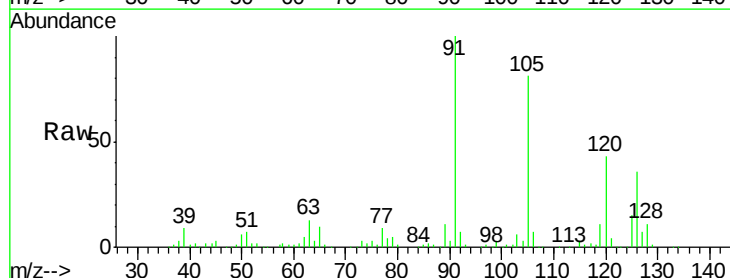
Acq: 18 May 2018 04:14

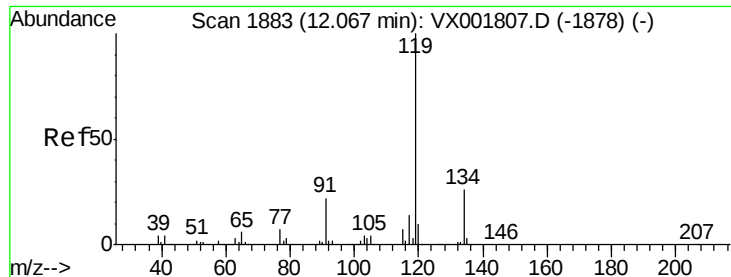
Tgt Ion: 91 Resp: 77502

Ion Ratio Lower Upper

91 100

126 33.3 0.0 64.8

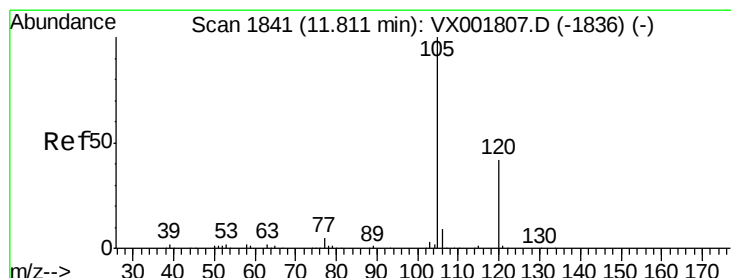
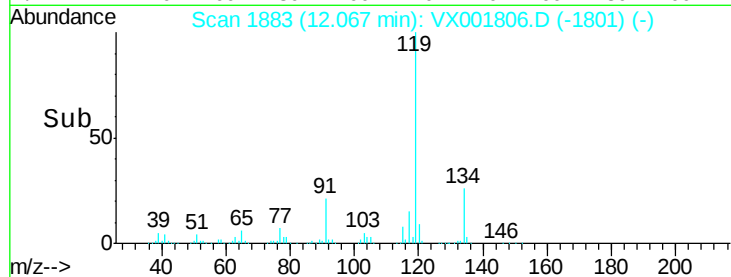
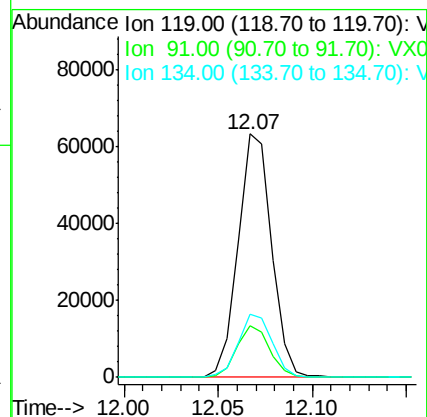
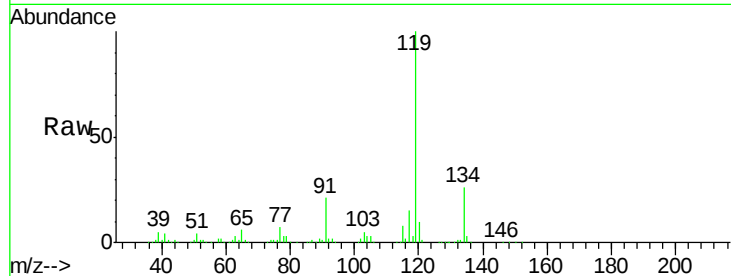




#79
tert-butylbenzene
Concen: 8.91 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

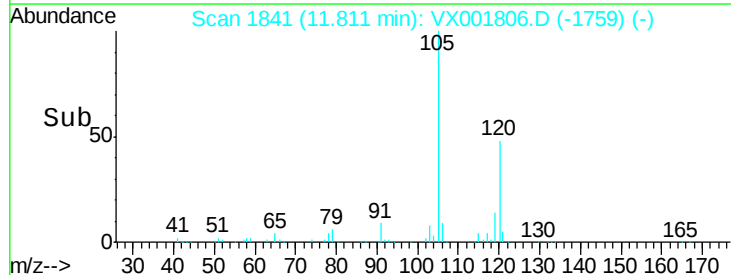
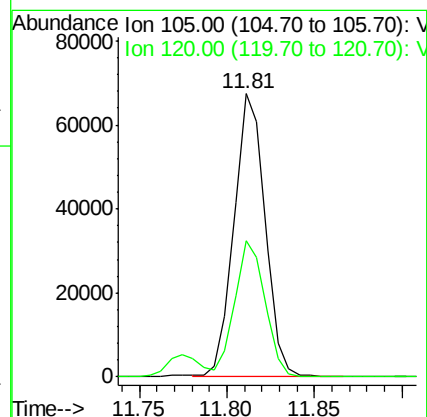
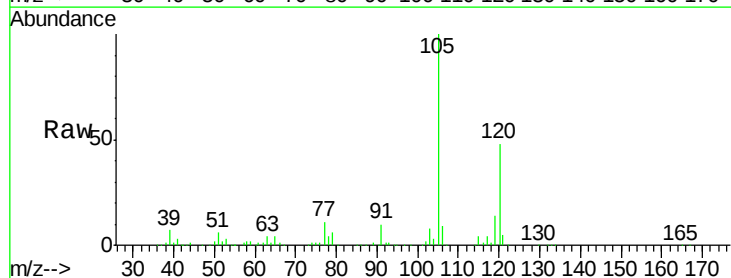
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

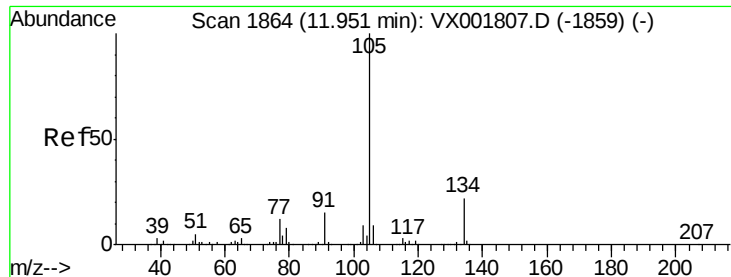
Tgt Ion:119 Resp: 78001
Ion Ratio Lower Upper
119 100
91 21.2 0.0 43.2
134 26.3 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 9.70 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion:105 Resp: 83249
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.6

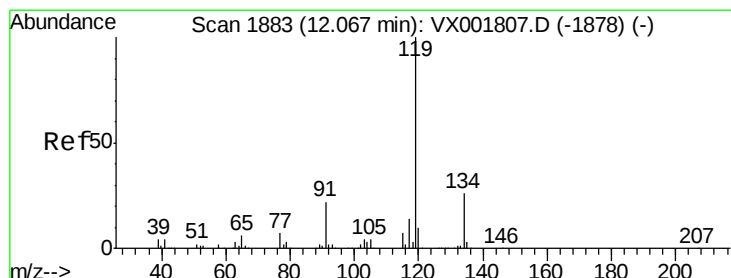
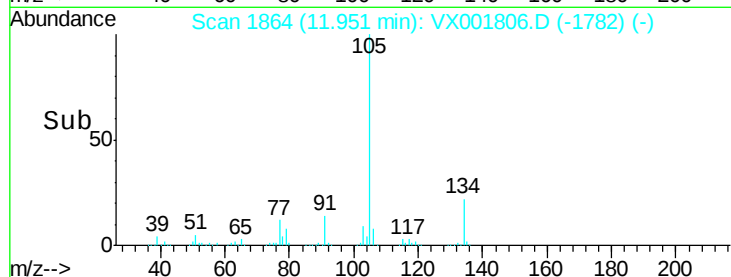
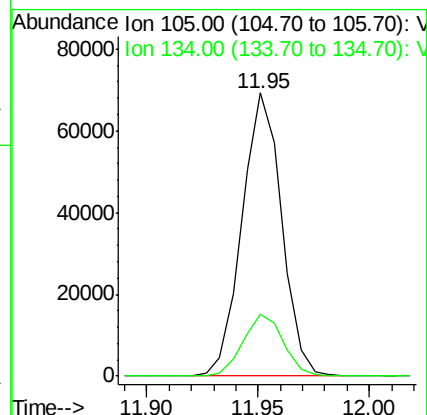
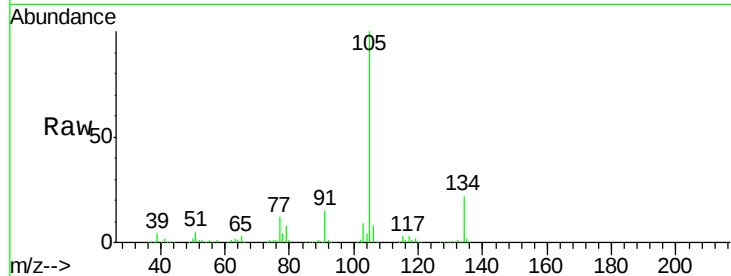




#81
 sec-Butylbenzene
 Concen: 8.94 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

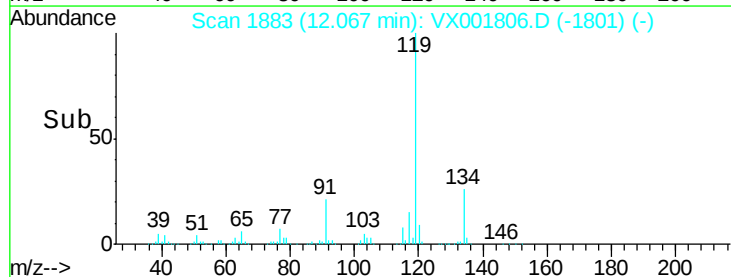
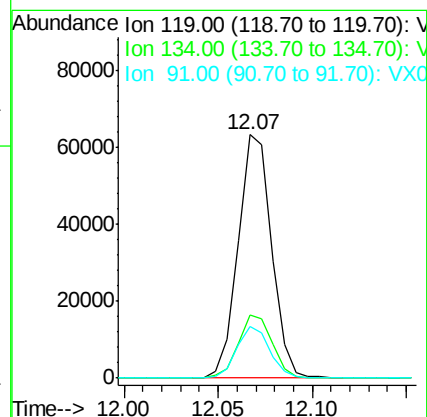
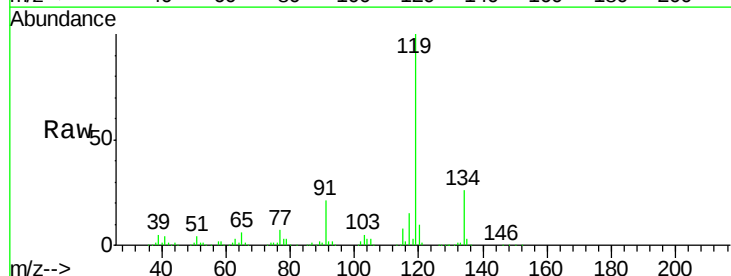
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

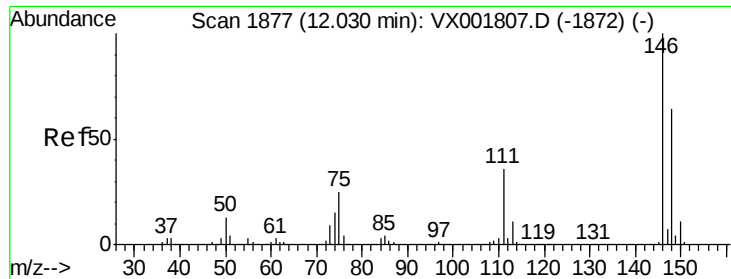
Tgt Ion:105 Resp: 85721
 Ion Ratio Lower Upper
 105 100
 134 22.2 0.0 44.0



#82
 p-Isopropyltoluene
 Concen: 8.91 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion:119 Resp: 78001
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 54.6
 91 21.2 0.0 43.2

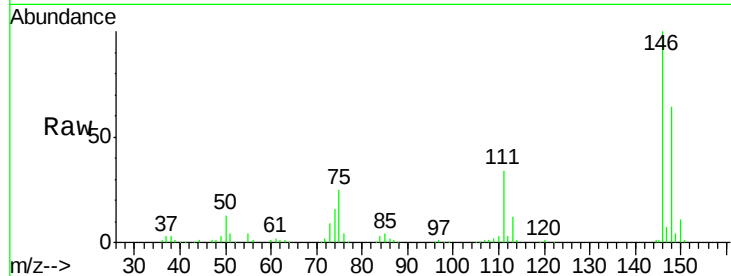




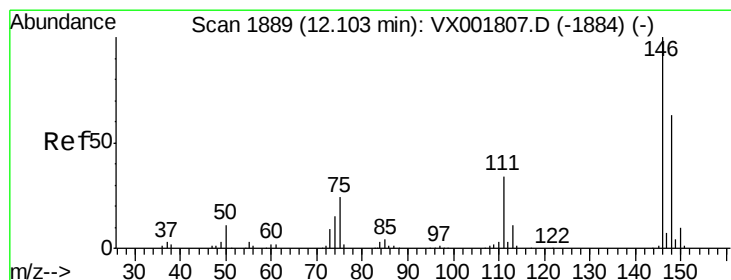
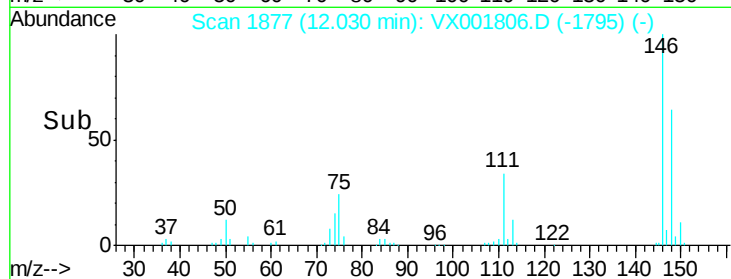
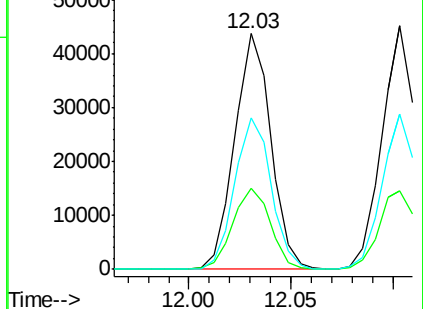
#83
 1,3-Dichlorobenzene
 Concen: 10.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 53921
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.0 54.0
 148 64.9 31.9 95.9

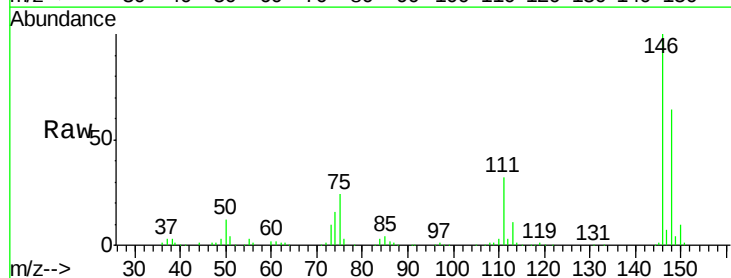


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

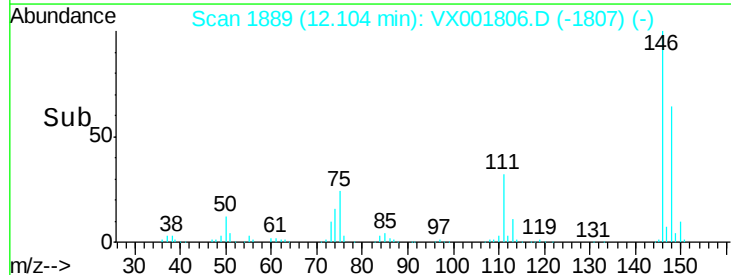
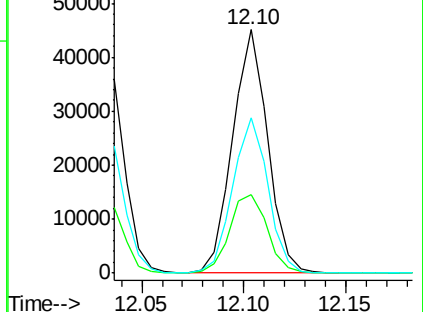


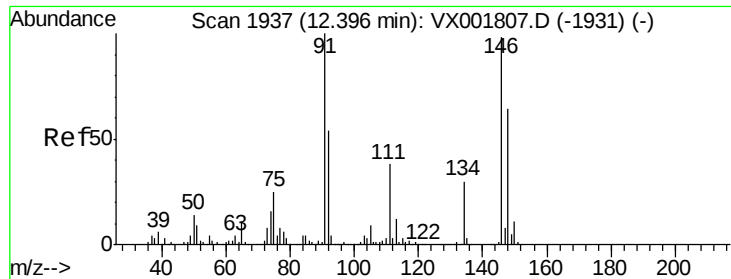
#84
 1,4-Dichlorobenzene
 Concen: 10.01 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion:146 Resp: 53512
 Ion Ratio Lower Upper
 146 100
 111 35.0 17.1 51.2
 148 64.7 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

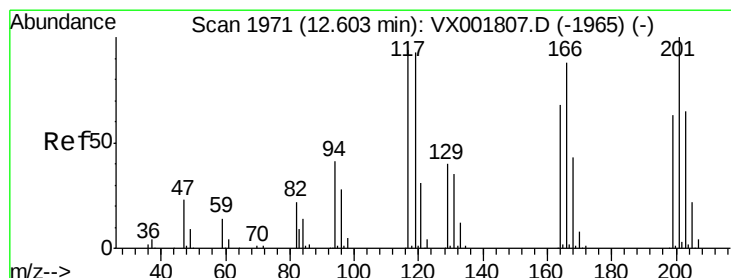
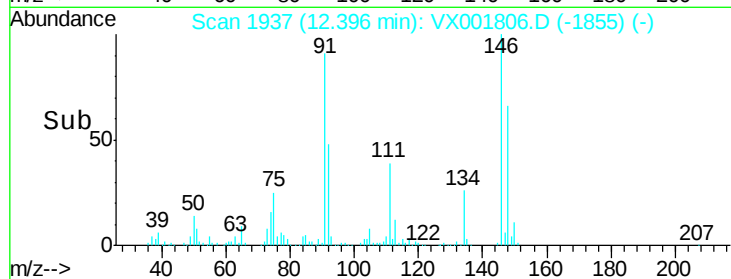
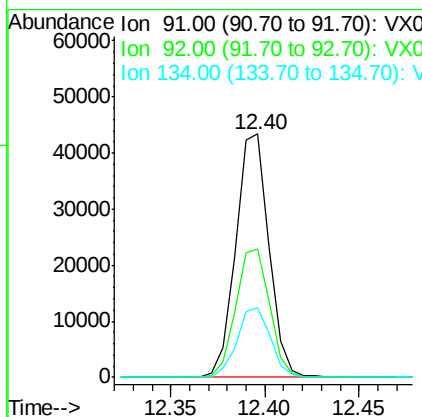
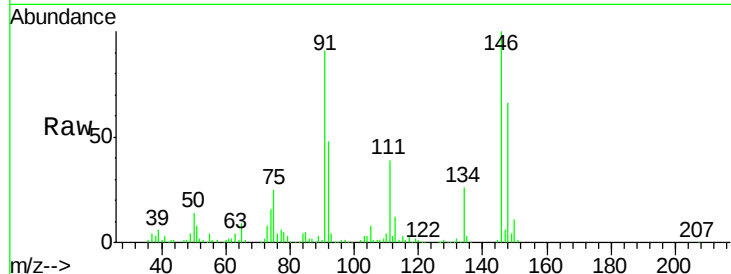




#85
n-Butylbenzene
Concen: 7.70 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

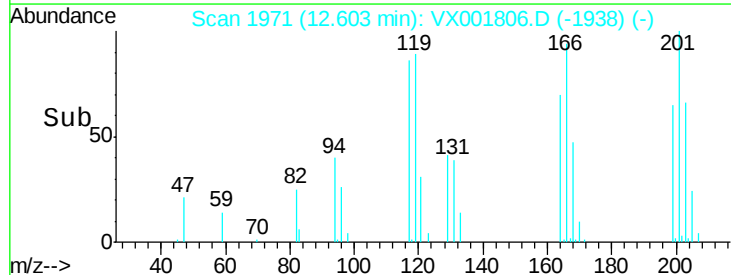
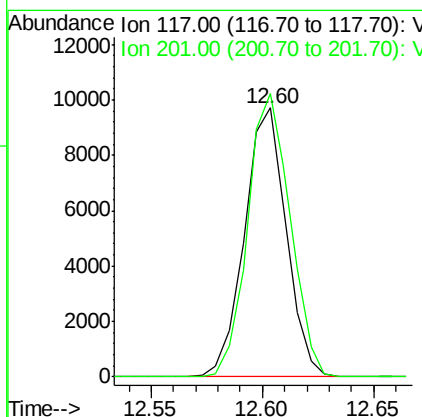
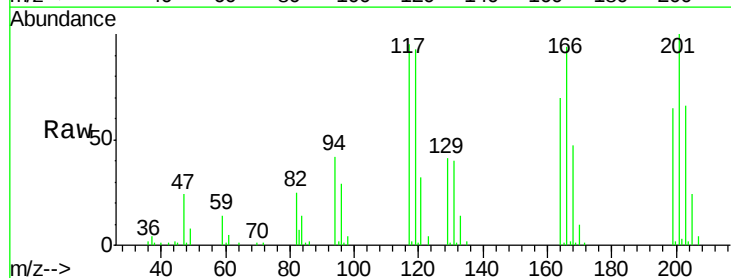
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

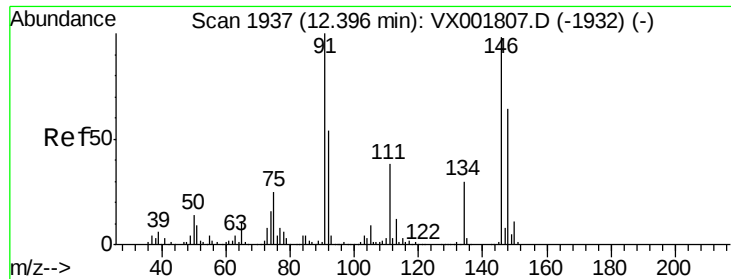
Tgt Ion: 91 Resp: 53083
Ion Ratio Lower Upper
91 100
92 53.5 0.0 108.2
134 28.6 0.0 57.8



#86
Hexachloroethane
Concen: 9.02 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion: 117 Resp: 12709
Ion Ratio Lower Upper
117 100
201 106.3 53.0 159.0

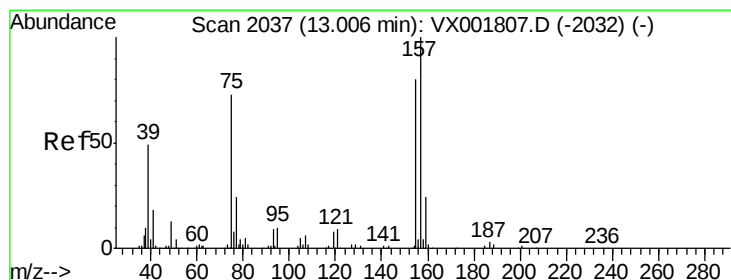
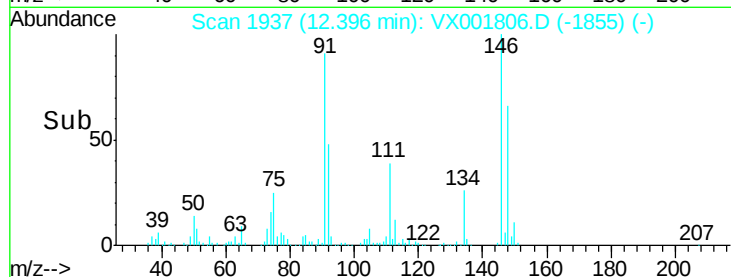
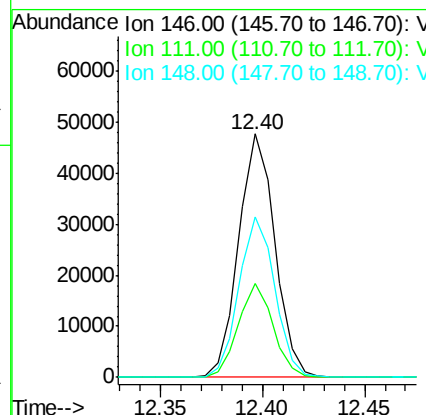
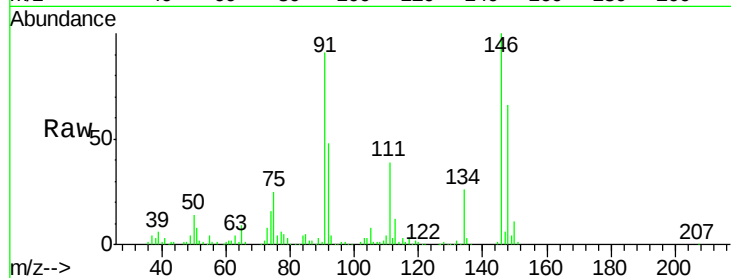




#87
 1,2-Dichlorobenzene
 Concen: 10.56 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

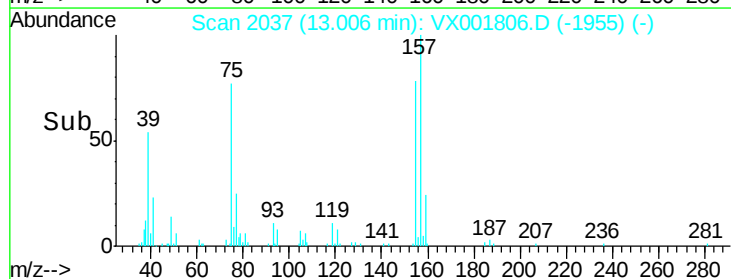
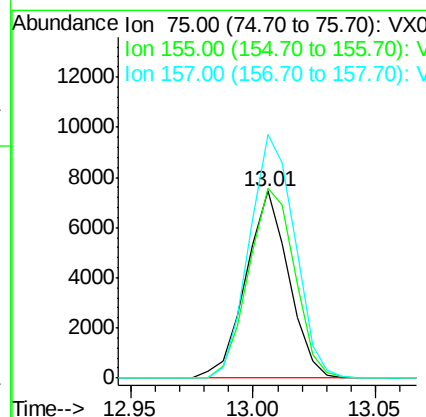
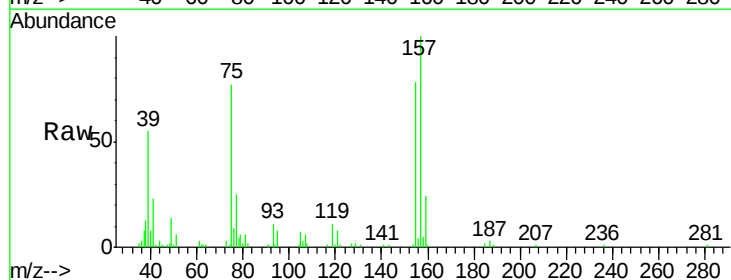
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

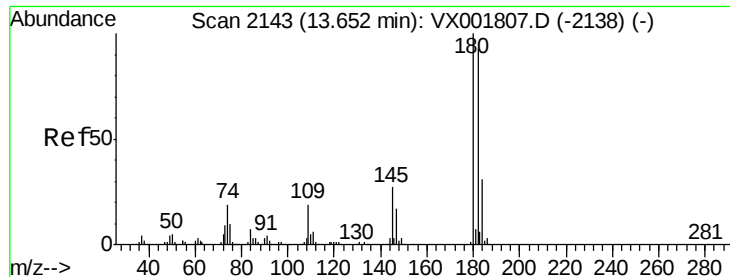
Tgt Ion:146 Resp: 58847
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.5
 148 65.4 32.9 98.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 11.02 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion: 75 Resp: 9057
 Ion Ratio Lower Upper
 75 100
 155 109.2 88.5 132.7
 157 138.0 111.0 166.4

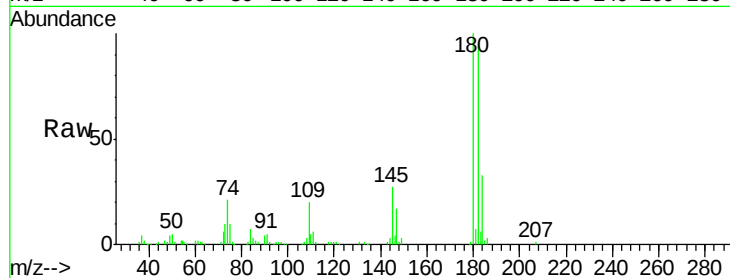




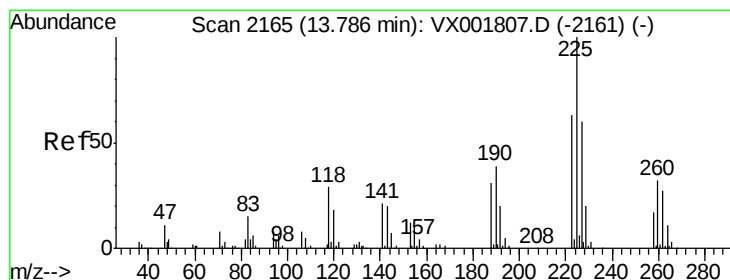
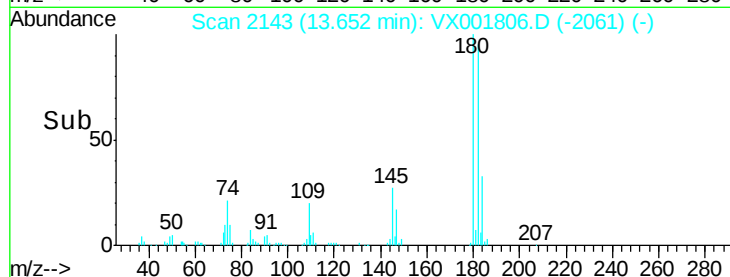
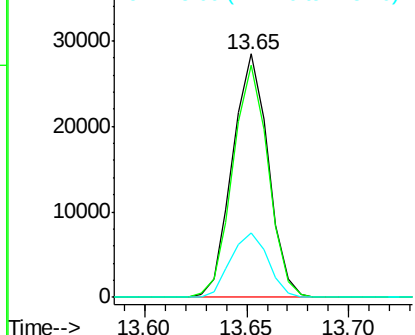
#89
 1,2,4-Trichlorobenzene
 Concen: 8.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 34661
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.6 113.4
 145 27.7 21.6 32.4

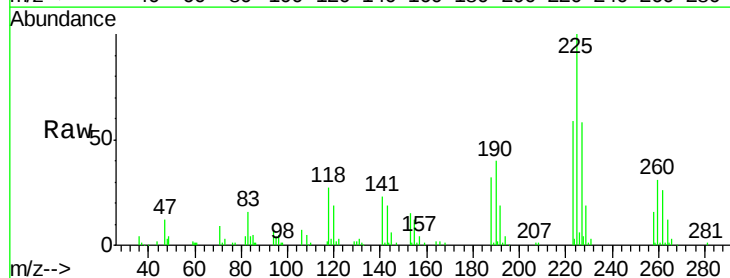


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

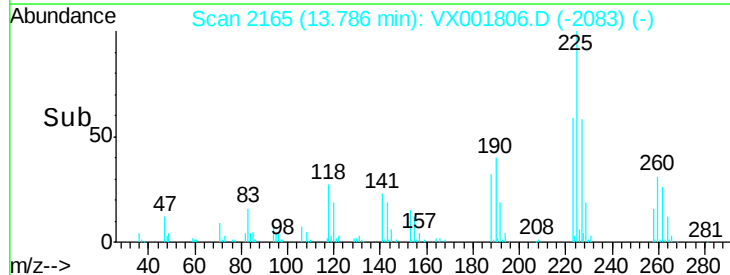
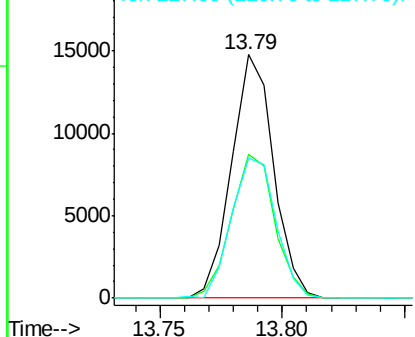


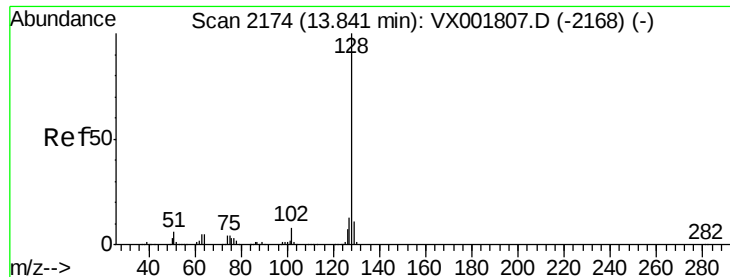
#90
 Hexachlorobutadiene
 Concen: 9.02 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001806.D
 Acq: 18 May 2018 04:14

Tgt Ion:225 Resp: 17707
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 123.6
 227 61.0 0.0 124.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

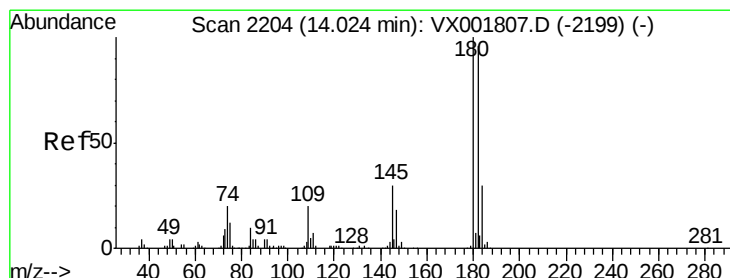
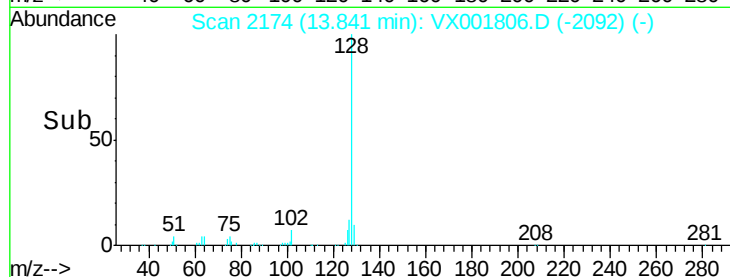
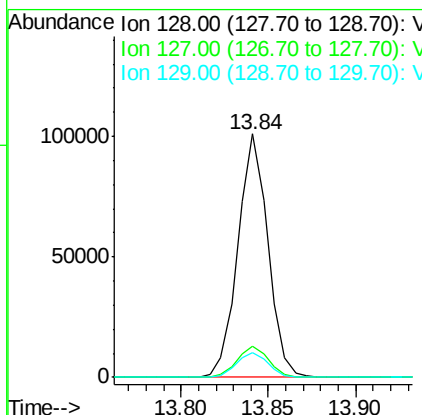
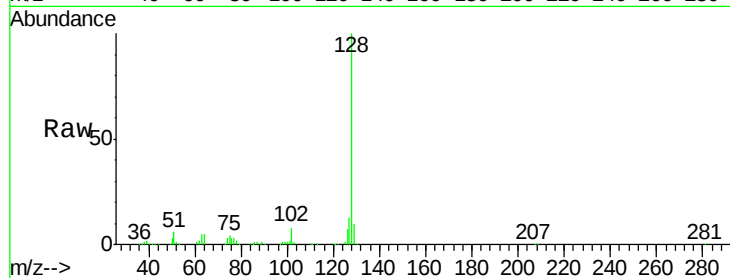




#91
Naphthalene
Concen: 9.99 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 120465
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.7 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 9.62 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001806.D
Acq: 18 May 2018 04:14

Tgt Ion:180 Resp: 40099
Ion Ratio Lower Upper
180 100
182 97.3 0.0 188.8
145 27.4 0.0 56.6

