

Data File : VX001715.D

Acq On : 14 May 2018 17:50

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: May 15 01:04:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	252797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	90113	19.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.56%	
35) Dibromofluoromethane	5.51	113	74186	19.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.88%	
50) Toluene-d8	8.72	98	278154	20.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.88%	
62) 4-Bromofluorobenzene	11.14	95	95930	18.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67221	16.25	ug/l	99
3) Chloromethane	1.32	50	71252	17.37	ug/l	100
4) Vinyl Chloride	1.40	62	77918	18.08	ug/l	98
5) Bromomethane	1.64	94	44003	17.56	ug/l	98
6) Chloroethane	1.73	64	50837	17.97	ug/l	100
7) Trichlorofluoromethane	1.93	101	115072	17.86	ug/l	99
8) Diethyl Ether	2.19	74	46690	18.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67997	17.95	ug/l	99
10) Methyl Iodide	2.51	142	55593	10.93	ug/l	99
11) Tert butyl alcohol	3.08	59	76490	82.09	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65406	18.71	ug/l	98
13) Acrolein	2.29	56	54029	185.69	ug/l	99
14) Allyl chloride	2.73	41	119848	18.36	ug/l	100
15) Acrylonitrile	3.15	53	198899	92.01	ug/l	100
16) Acetone	2.45	43	174835	85.73	ug/l	99
17) Carbon Disulfide	2.57	76	158855	17.88	ug/l	98
18) Methyl Acetate	2.78	43	104354	19.08	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	223124	18.33	ug/l	99
20) Methylene Chloride	2.86	84	72667	17.81	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	69838	17.87	ug/l	96
22) Diisopropyl ether	3.88	45	226087	18.45	ug/l	99
23) Vinyl Acetate	3.83	43	763721	77.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125030	18.37	ug/l	99
25) 2-Butanone	4.71	43	268410	90.07	ug/l	99
26) 2,2-Dichloropropane	4.59	77	101962	19.29	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	79513	18.89	ug/l	99
28) Bromochloromethane	5.03	49	59848	19.98	ug/l	98
29) Tetrahydrofuran	5.17	42	171122	89.49	ug/l	100
30) Chloroform	5.22	83	134055	19.02	ug/l	99
31) Cyclohexane	5.58	56	111471	18.90	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	116837	18.99	ug/l	99
36) 1,1-Dichloropropene	5.81	75	97652	18.41	ug/l	100
37) Ethyl Acetate	4.87	43	103710	17.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	104871	18.66	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: May 15 01:04:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116744	18.62	ug/l	98
40) Benzene	6.15	78	296402	19.14	ug/l	100
41) Methacrylonitrile	5.07	41	59848	18.07	ug/l	98
42) 1,2-Dichloroethane	6.20	62	109209	18.53	ug/l	100
43) Isopropyl Acetate	6.48	43	161965	18.26	ug/l	100
44) Trichloroethene	7.22	130	89761	18.86	ug/l	98
45) 1,2-Dichloropropane	7.52	63	73558	19.04	ug/l	99
46) Dibromomethane	7.67	93	50315	18.47	ug/l	99
47) Bromodichloromethane	7.90	83	94001	18.66	ug/l	97
48) Methyl methacrylate	7.78	41	85657	17.80	ug/l	98
49) 1,4-Dioxane	7.76	88	32542	319.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	534010	90.89	ug/l	99
52) Toluene	8.79	92	194234	19.18	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	111902	19.55	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	95368	18.56	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	73257	18.12	ug/l	98
56) Ethyl methacrylate	9.19	69	104107	17.93	ug/l	99
57) 1,3-Dichloropropane	9.38	76	122987	18.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	272927	94.90	ug/l	100
59) 2-Hexanone	9.50	43	387325	87.17	ug/l	99
60) Dibromochloromethane	9.59	129	74246	18.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	78458	18.54	ug/l	100
64) Tetrachloroethene	9.34	164	101401	19.63	ug/l	99
65) Chlorobenzene	10.15	112	211991	19.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	76809	19.79	ug/l	97
67) Ethyl Benzene	10.26	91	344259	19.32	ug/l	98
68) m/p-Xylenes	10.37	106	274842	39.08	ug/l	99
69) o-Xylene	10.71	106	130954	19.21	ug/l	98
70) Styrene	10.72	104	219246	19.76	ug/l	99
71) Bromoform	10.87	173	58939	18.57	ug/l	99
73) Isopropylbenzene	11.02	105	353753	20.26	ug/l	100
74) N-amyl acetate	6.48	43	161965	20.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	102243	19.84	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	120851	23.57	ug/l	90
77) Bromobenzene	11.26	156	101572	19.94	ug/l	99
78) n-propylbenzene	11.37	91	398135	20.90	ug/l	99
79) 2-Chlorotoluene	11.43	91	236529	20.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	293957	20.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	27368	20.24	ug/l	92
82) 4-Chlorotoluene	11.52	91	278387	20.64	ug/l	99
83) tert-Butylbenzene	11.77	119	281838	19.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	305212	20.46	ug/l	99
85) sec-Butylbenzene	11.95	105	355686	20.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	330024	20.78	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	184959	20.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187526	20.22	ug/l	99
89) n-Butylbenzene	12.40	91	275974	20.83	ug/l	100
90) Hexachloroethane	12.60	117	47925	19.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	184447	19.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21742	19.28	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

Data File : VX001715.D
Acq On : 14 May 2018 17:50
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Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
VSTDICC020

Quant Time: May 15 01:04:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

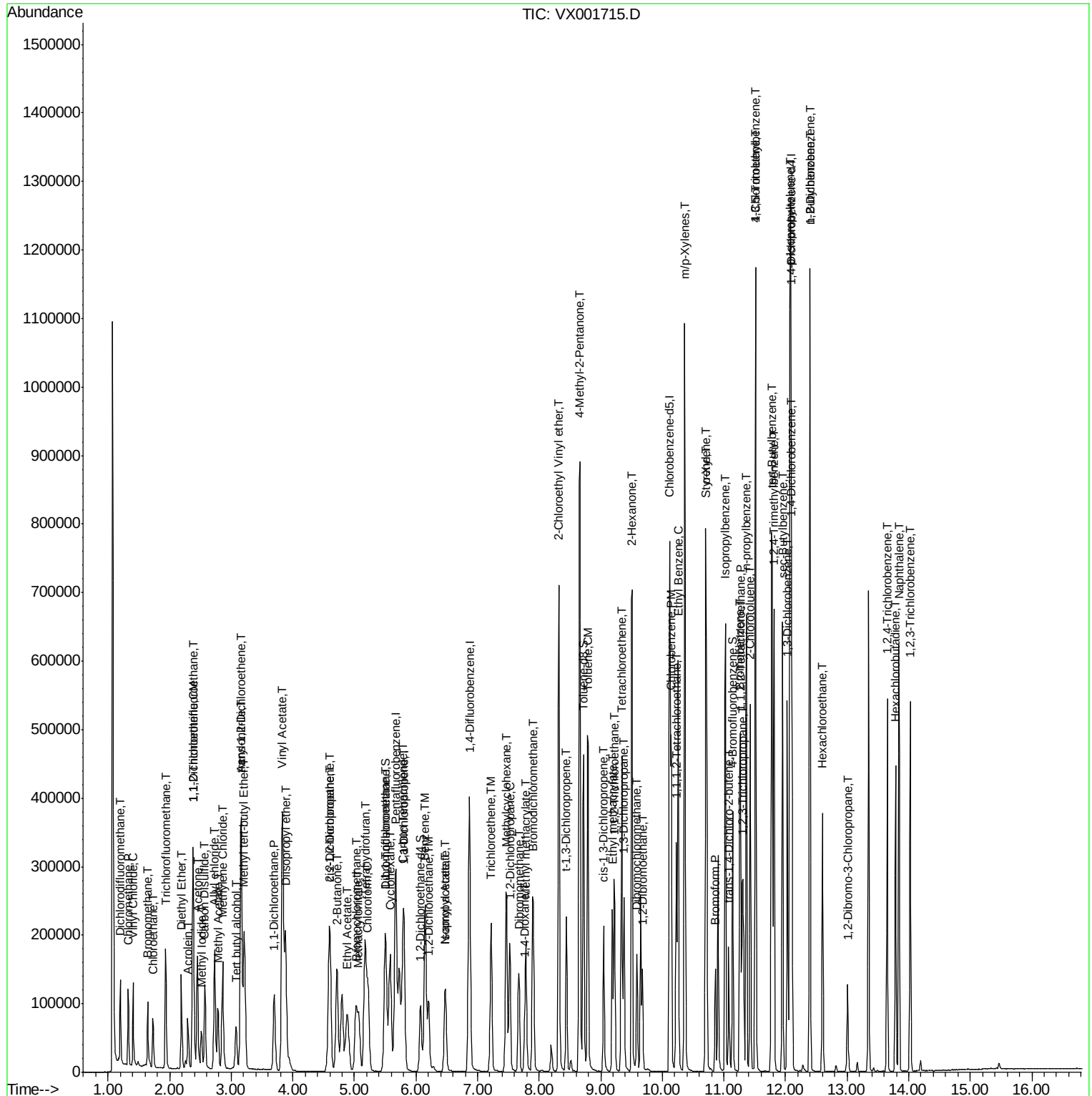
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140242	20.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	76543	20.50	ug/l	99
95) Naphthalene	13.84	128	385920	20.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	143941	20.63	ug/l	100

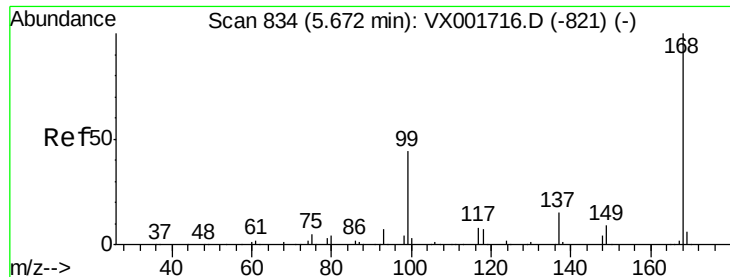
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 11 Sample Multiplier: 1

VSTDICC020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

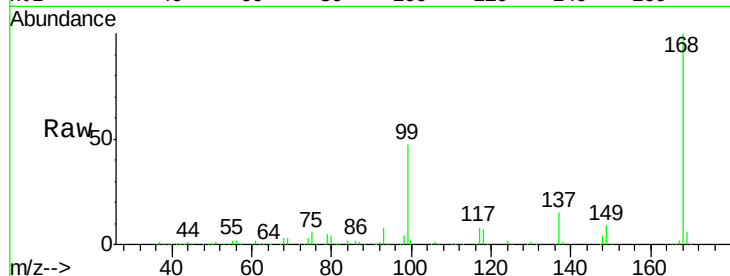
VSTDIC020

Tgt Ion:168 Resp: 322329

Ion Ratio Lower Upper

168 100

99 46.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

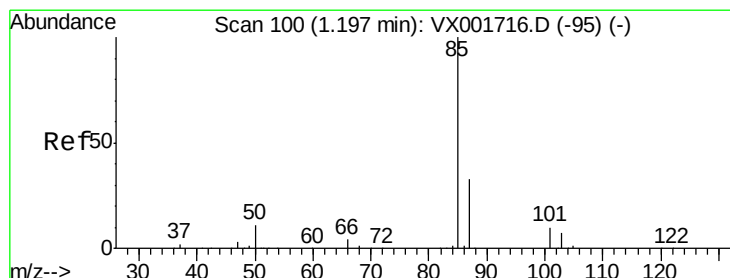
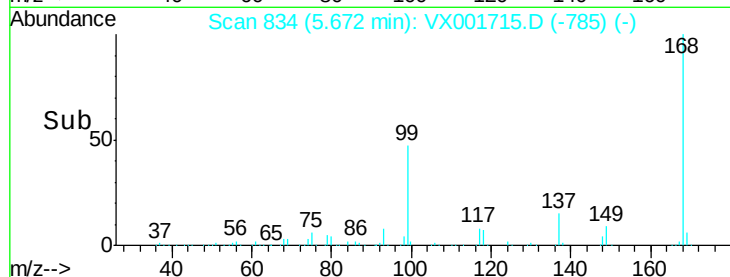
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001715.D

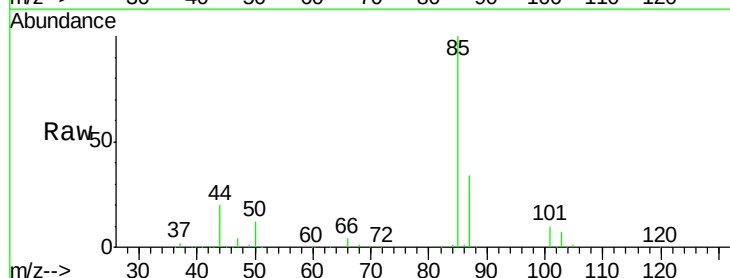
Acq: 14 May 2018 17:50

Tgt Ion: 85 Resp: 67221

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

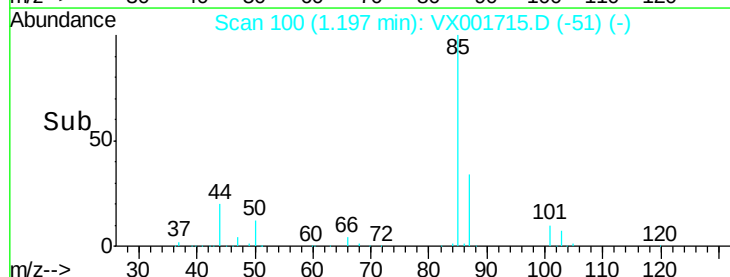
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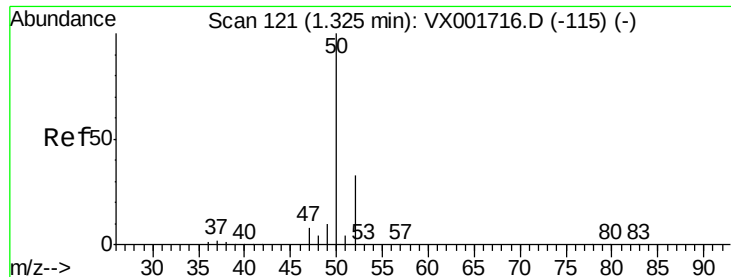
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.37 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

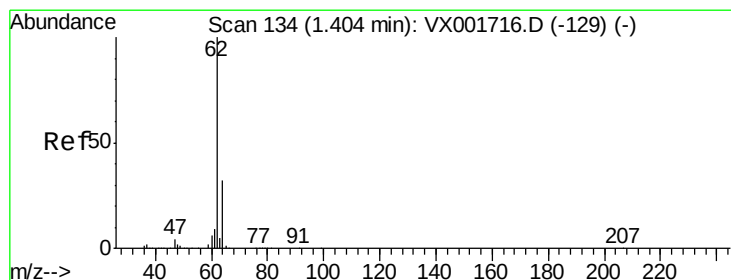
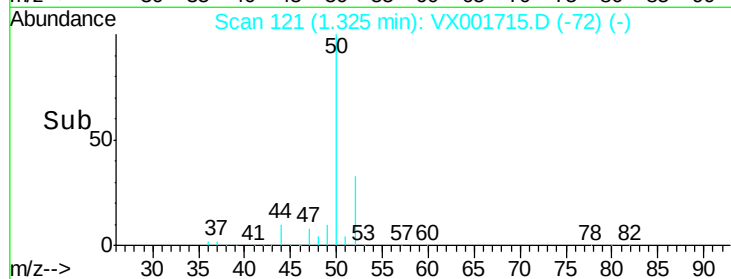
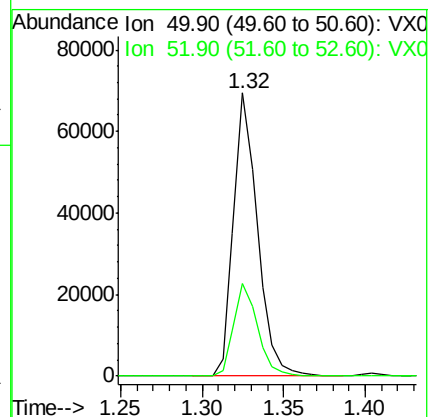
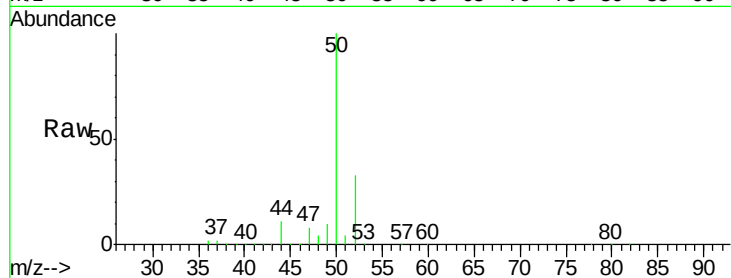
VSTDIC020

Tgt Ion: 50 Resp: 71252

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



#4

Vinyl Chloride

Concen: 18.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001715.D

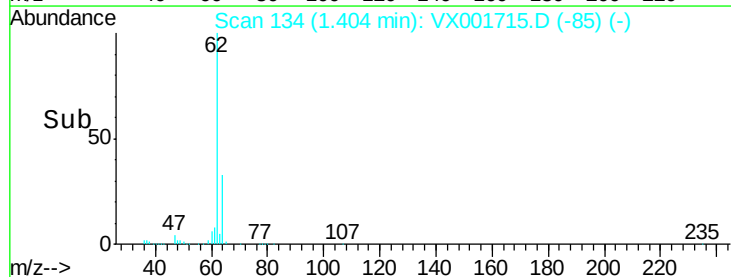
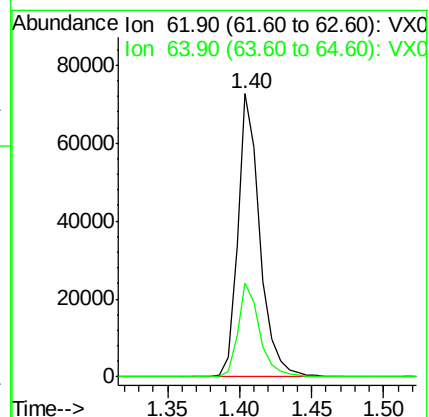
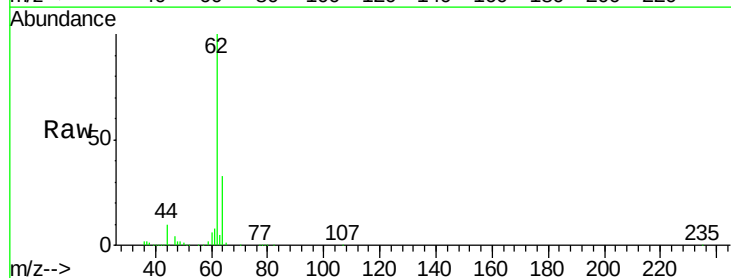
Acq: 14 May 2018 17:50

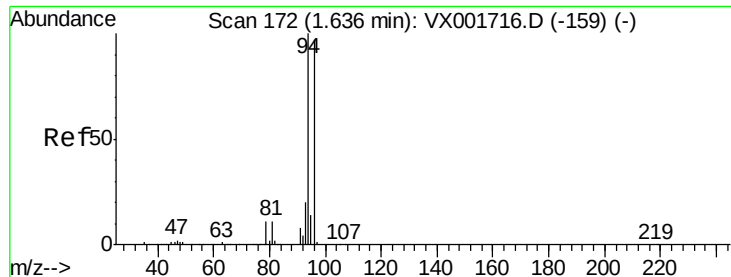
Tgt Ion: 62 Resp: 77918

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 17.56 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

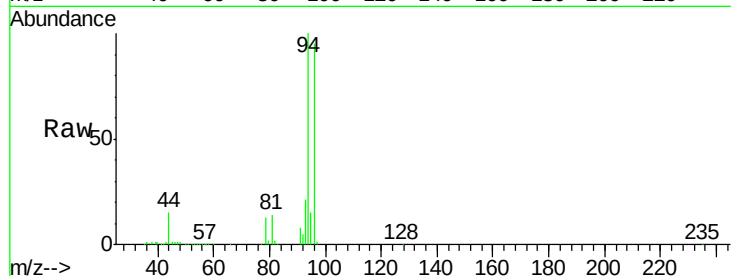
VSTDIC020

Tgt Ion: 94 Resp: 44003

Ion Ratio Lower Upper

94 100

96 95.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX001715.D (-123) (-)

Ion 95.90 (95.60 to 96.60): VX001715.D (-123) (-)

1.64

30000

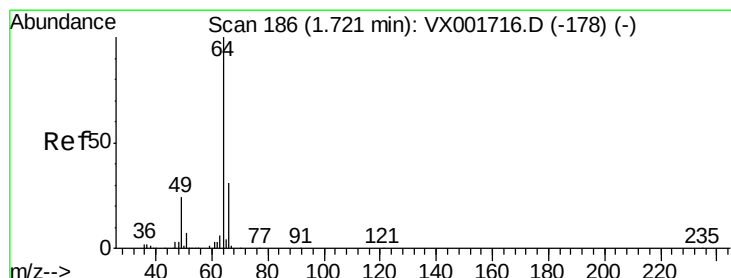
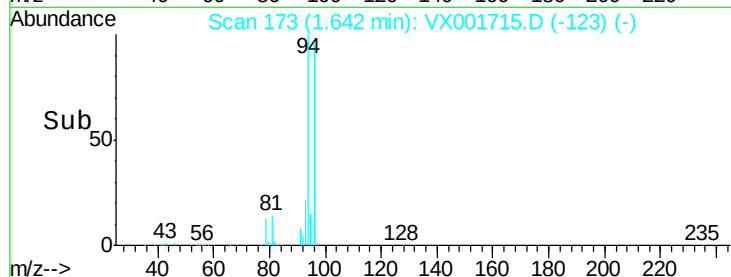
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 17.97 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001715.D

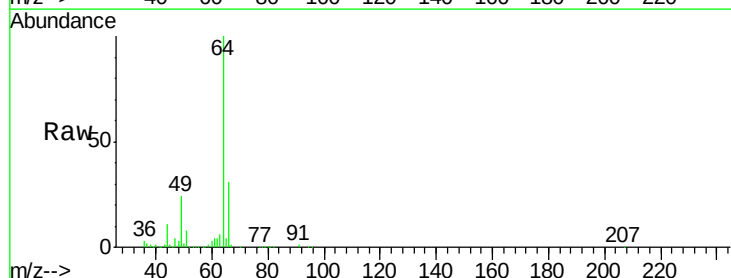
Acq: 14 May 2018 17:50

Tgt Ion: 64 Resp: 50837

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX001715.D (-137) (-)

Ion 65.90 (65.60 to 66.60): VX001715.D (-137) (-)

1.73

40000

30000

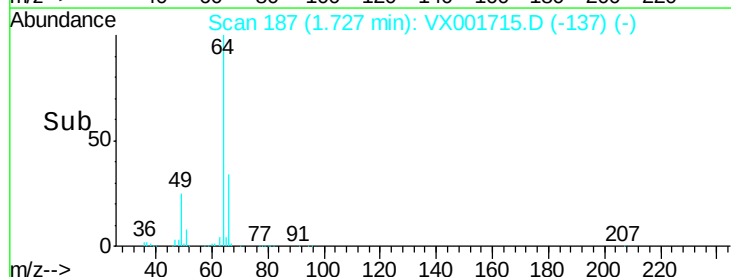
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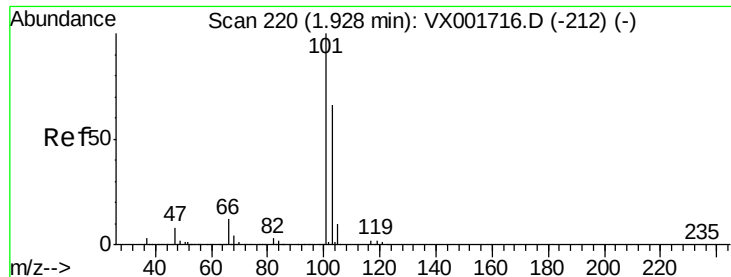
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Time-->

1.65 1.70 1.75 1.80 1.85



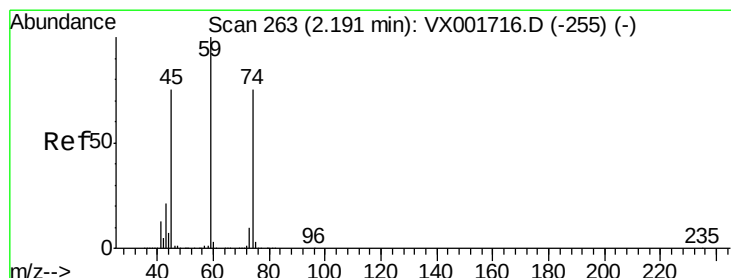
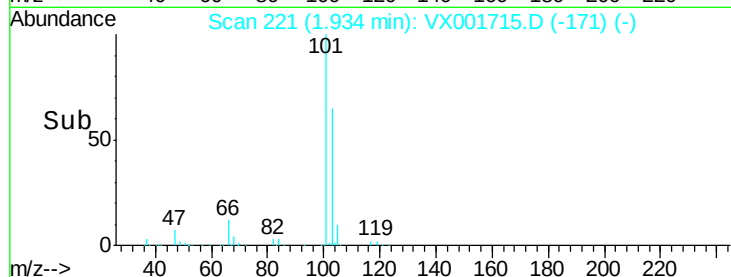
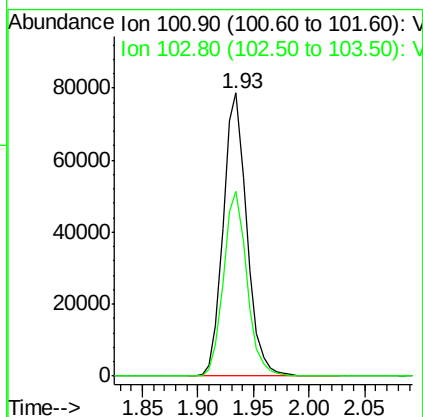
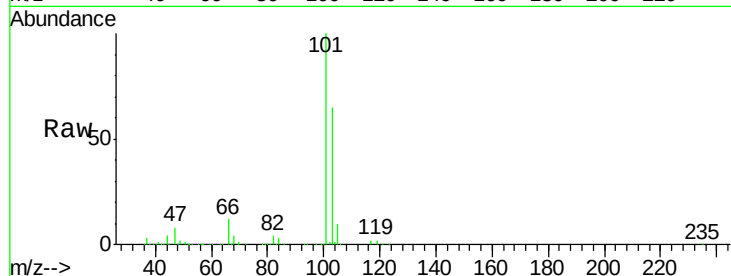


#7

Trichlorofluoromethane
Concen: 17.86 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

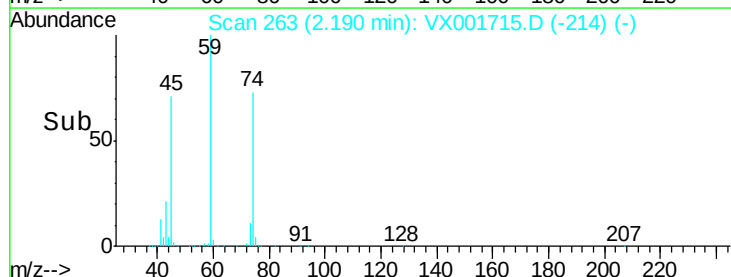
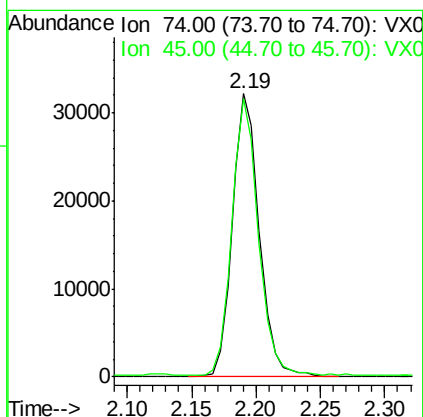
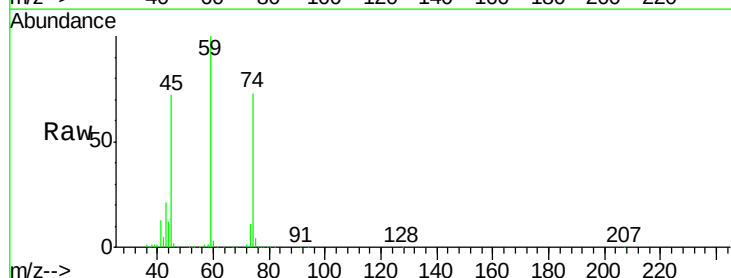
Tgt Ion:101 Resp: 115072
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8

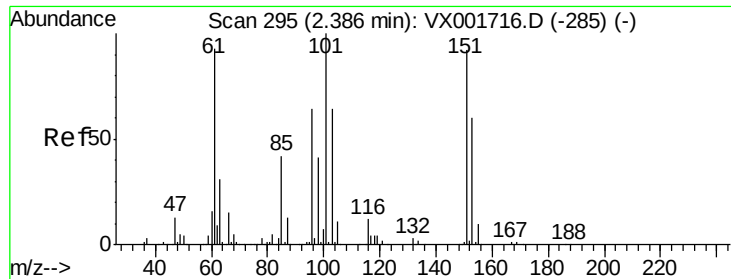


#8

Diethyl Ether
Concen: 18.36 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 74 Resp: 46690
Ion Ratio Lower Upper
74 100
45 96.6 50.0 149.8

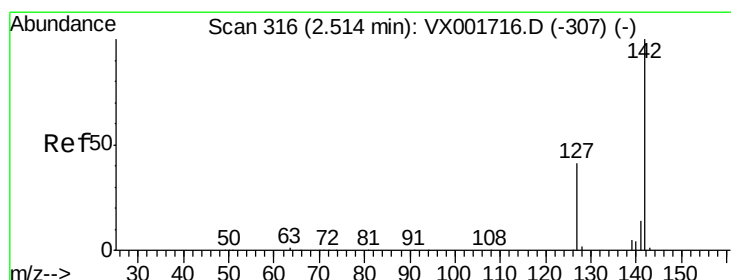
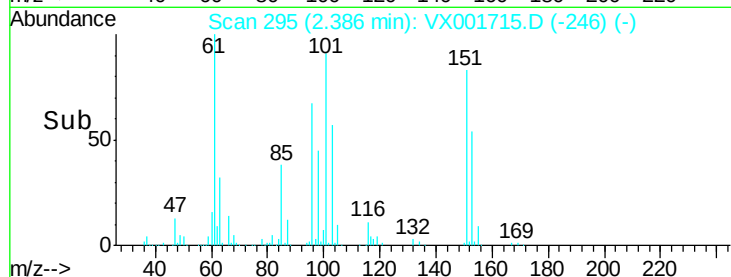
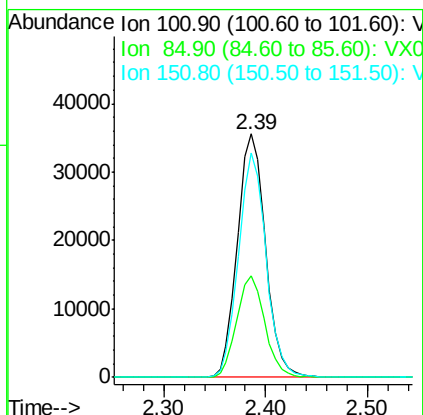
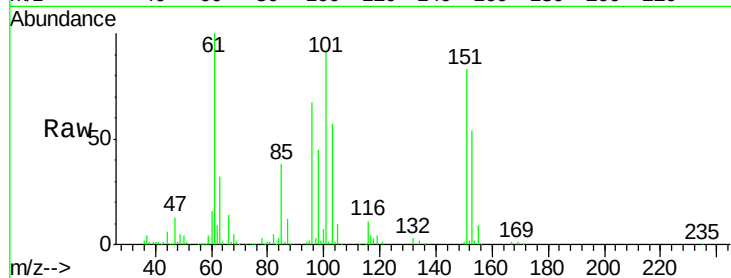




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.95 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

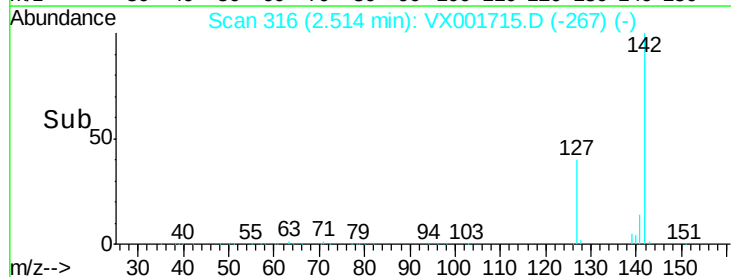
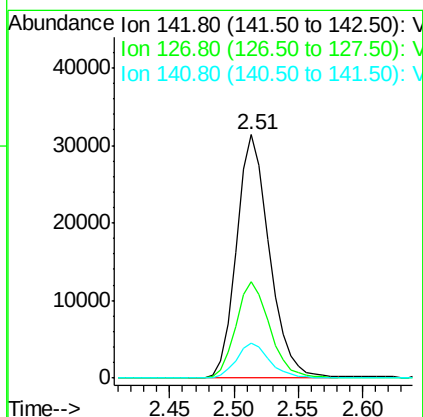
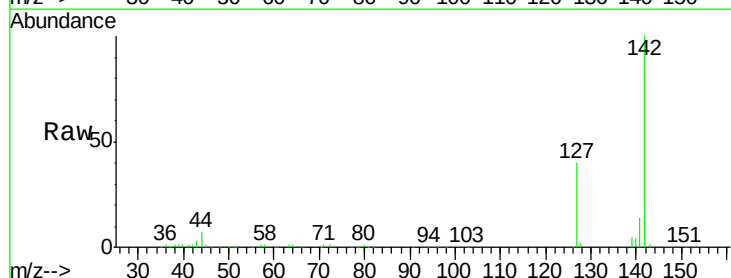
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

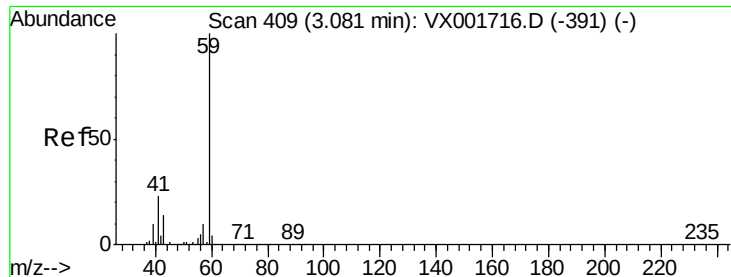
Tgt Ion:101 Resp: 67997
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.7 50.5
 151 90.4 73.0 109.6



#10
 Methyl Iodide
 Concen: 10.93 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion:142 Resp: 55593
 Ion Ratio Lower Upper
 142 100
 127 41.1 32.5 48.7
 141 14.6 11.4 17.0

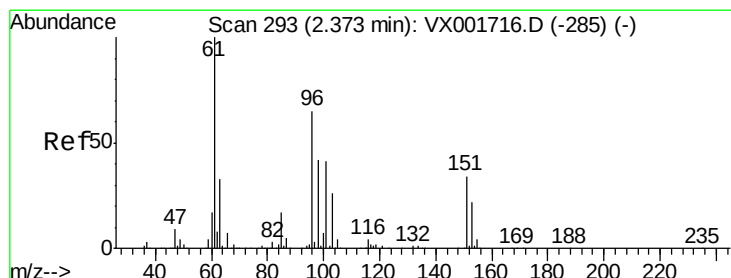
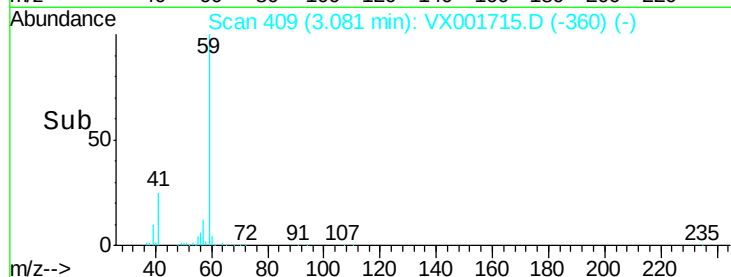
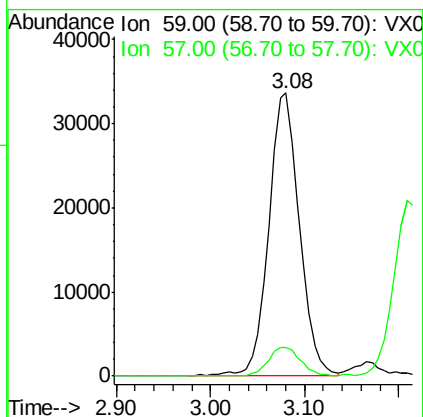
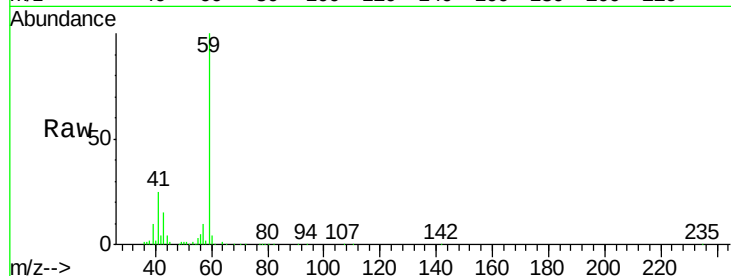




#11
Tert butyl alcohol
Concen: 82.09 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

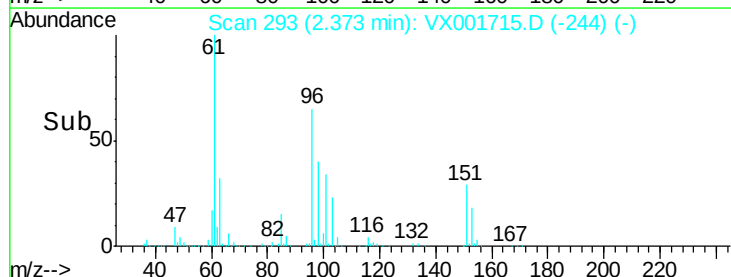
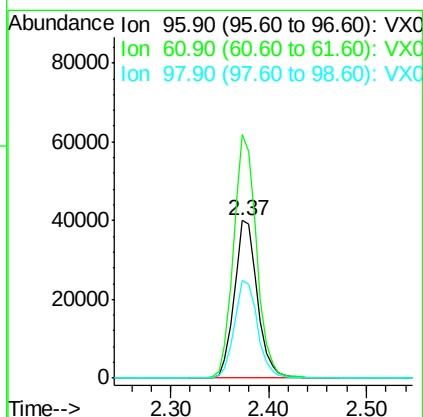
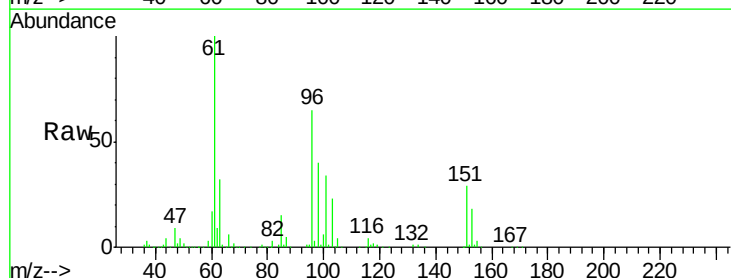
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

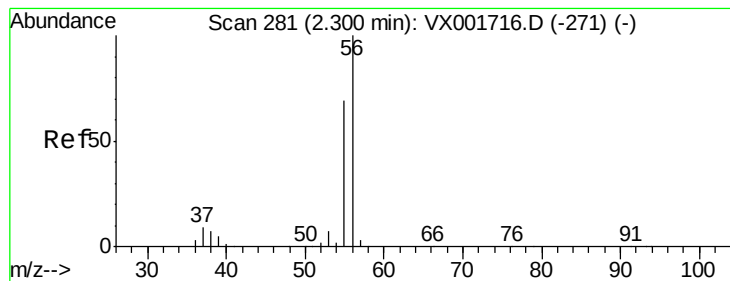
Tgt Ion: 59 Resp: 76490
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.71 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 96 Resp: 65406
Ion Ratio Lower Upper
96 100
61 154.8 122.2 183.2
98 62.0 51.4 77.0





#13

Acrolein

Concen: 185.69 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

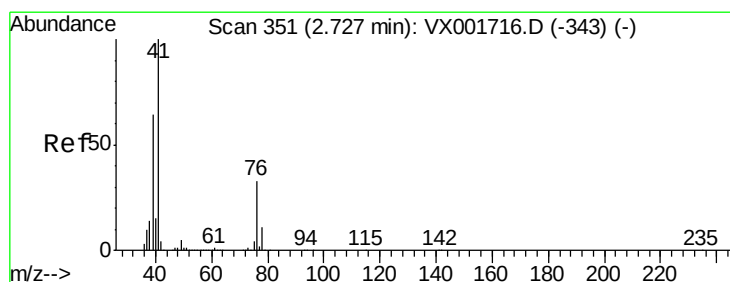
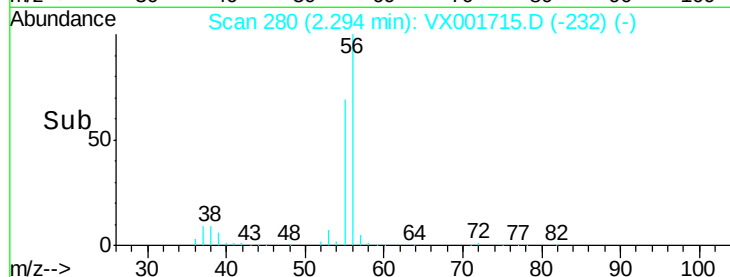
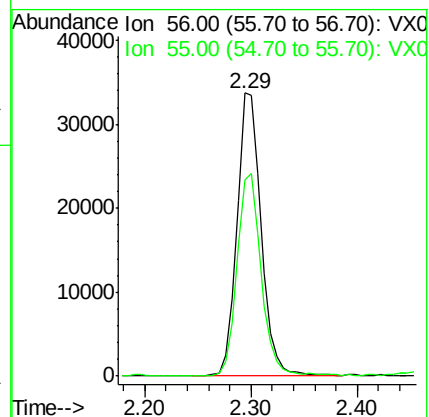
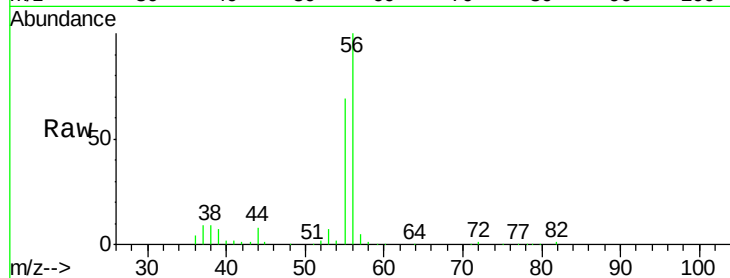
VSTDIC020

Tgt Ion: 56 Resp: 54029

Ion Ratio Lower Upper

56 100

55 71.2 56.2 84.2



#14

Allyl chloride

Concen: 18.36 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

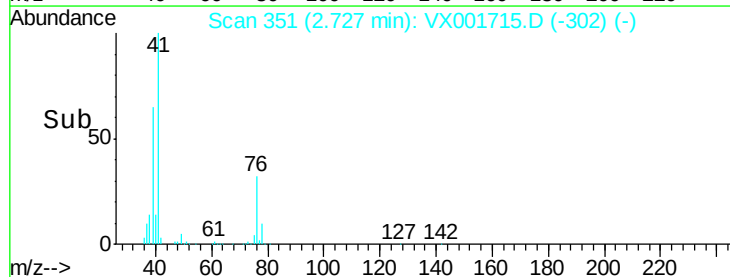
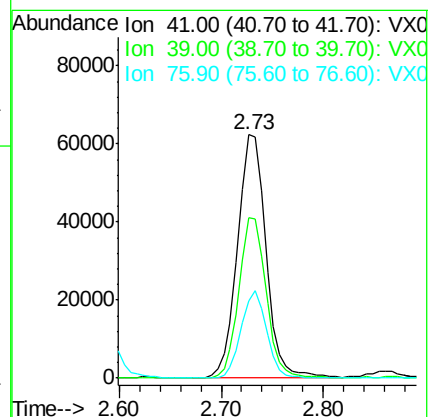
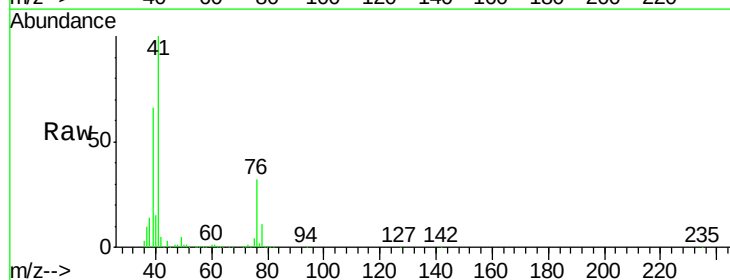
Tgt Ion: 41 Resp: 119848

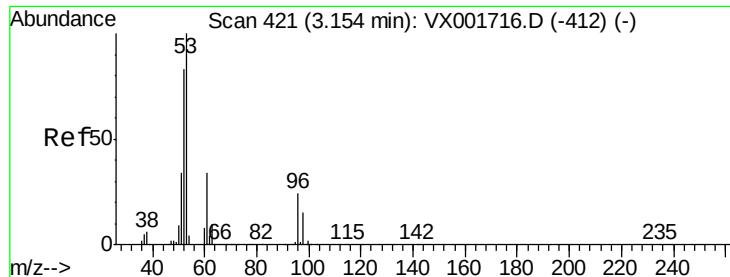
Ion Ratio Lower Upper

41 100

39 62.6 49.8 74.6

76 32.5 25.8 38.8





#15

Acrylonitrile

Concen: 92.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

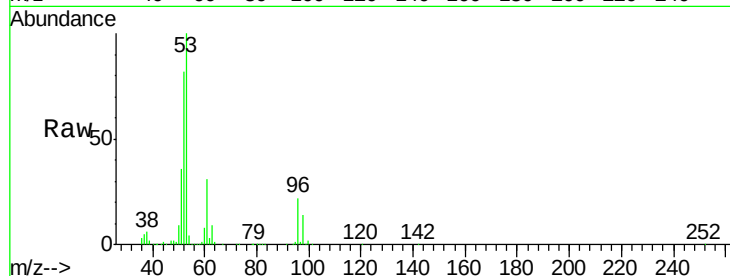
Tgt Ion: 53 Resp: 198899

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

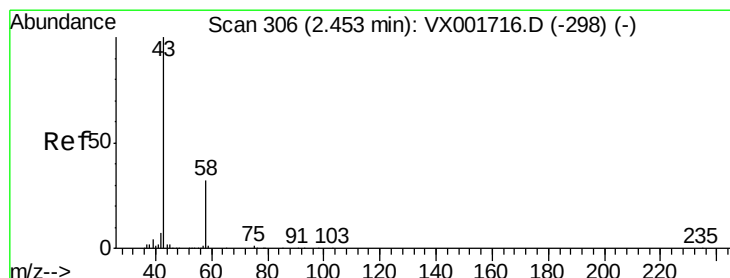
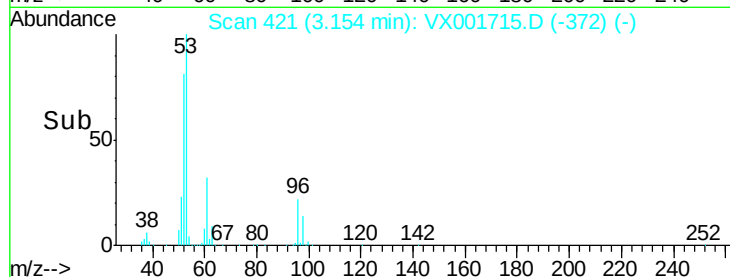
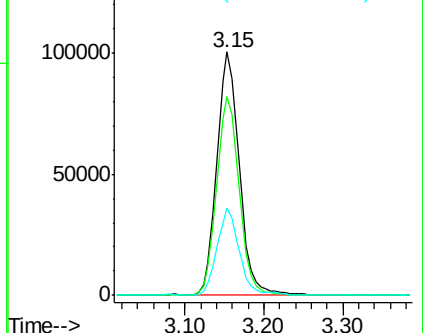
51 35.4 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 85.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001715.D

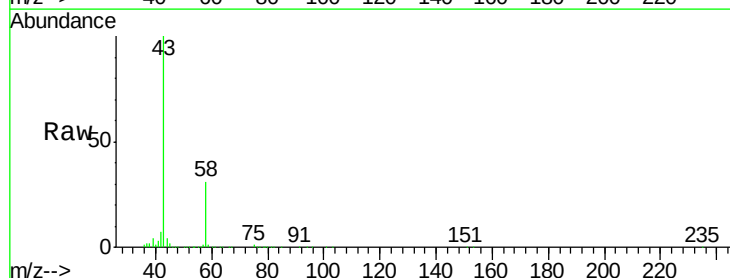
Acq: 14 May 2018 17:50

Tgt Ion: 43 Resp: 174835

Ion Ratio Lower Upper

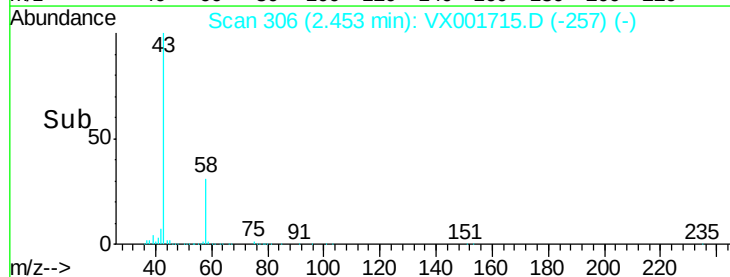
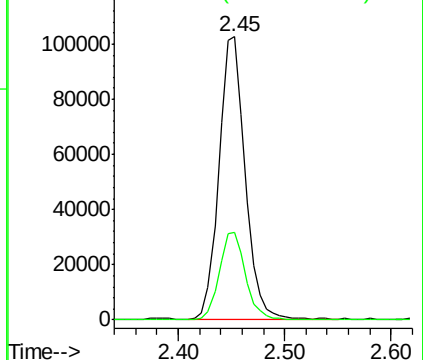
43 100

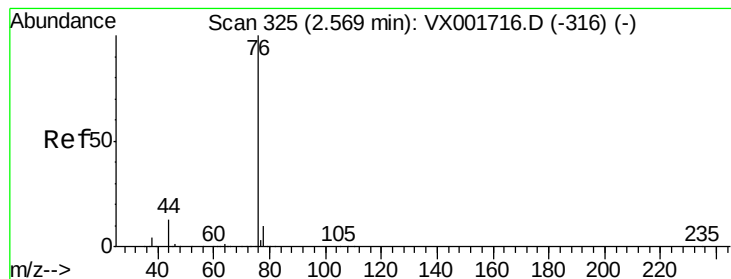
58 31.1 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.88 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

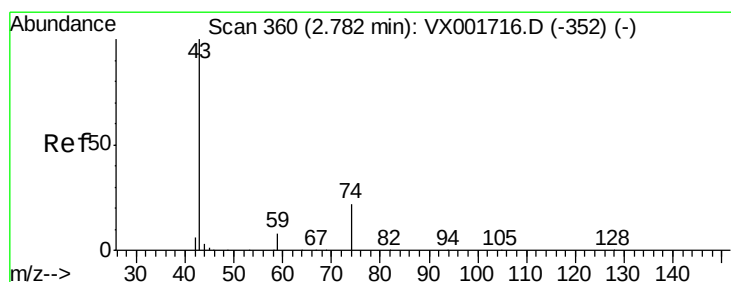
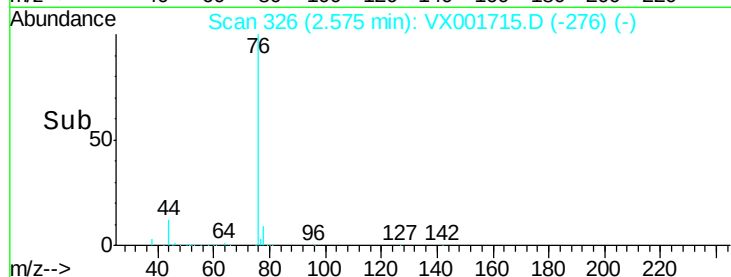
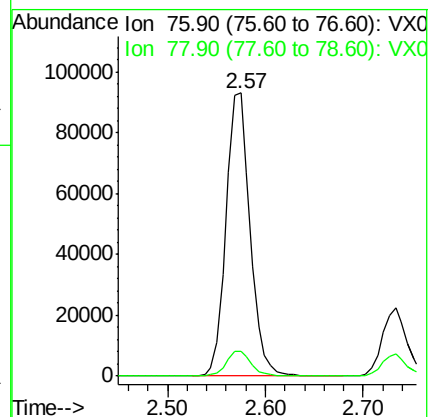
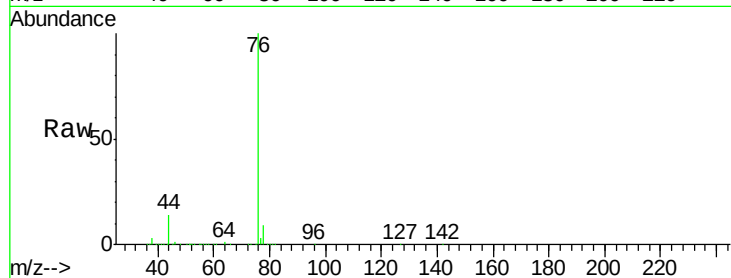
VSTDIC020

Tgt Ion: 76 Resp: 158855

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4



#18

Methyl Acetate

Concen: 19.08 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001715.D

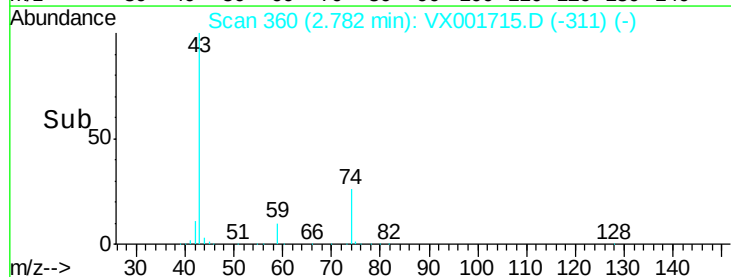
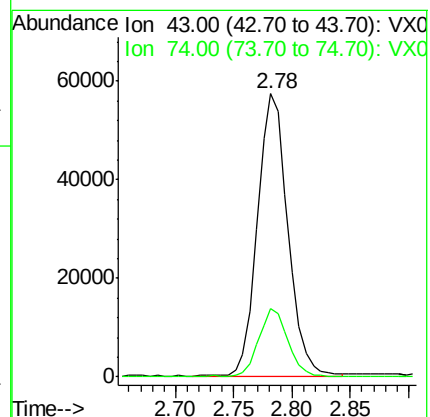
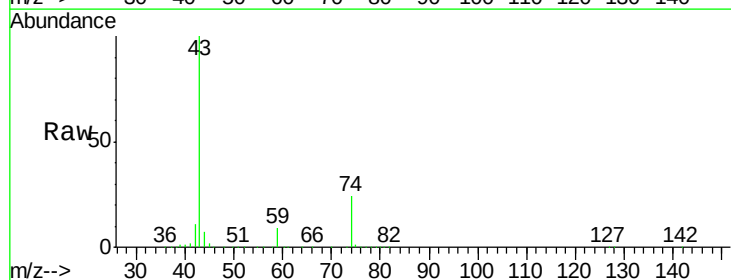
Acq: 14 May 2018 17:50

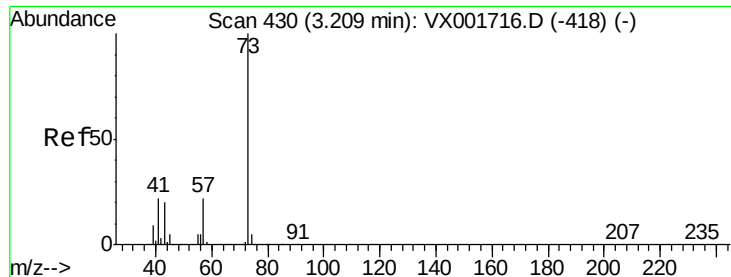
Tgt Ion: 43 Resp: 104354

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 18.33 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

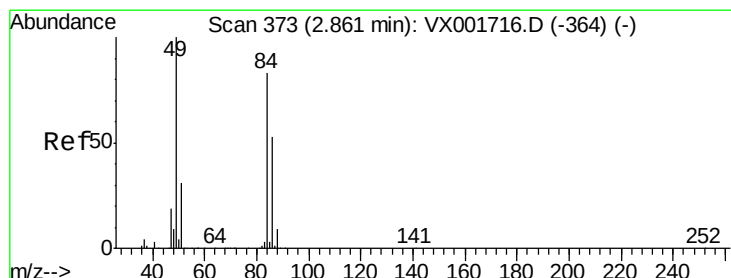
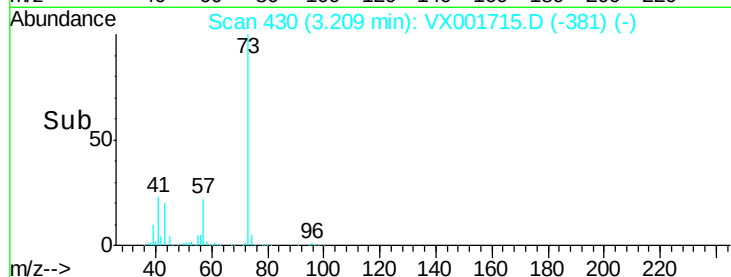
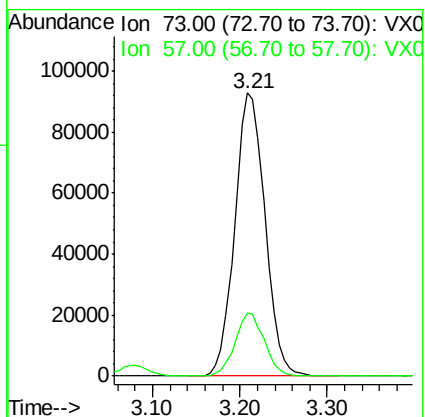
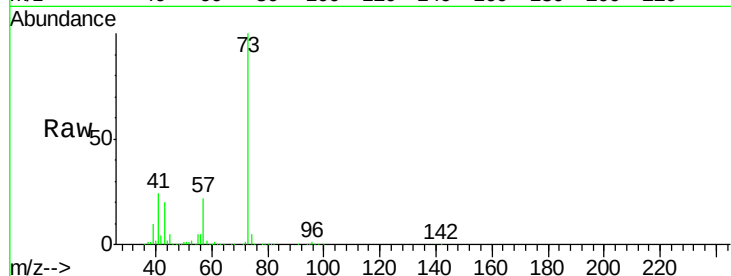
VSTDIC020

Tgt Ion: 73 Resp: 223124

Ion Ratio Lower Upper

73 100

57 22.4 17.5 26.3



#20

Methylene Chloride

Concen: 17.81 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Tgt Ion: 84 Resp: 72667

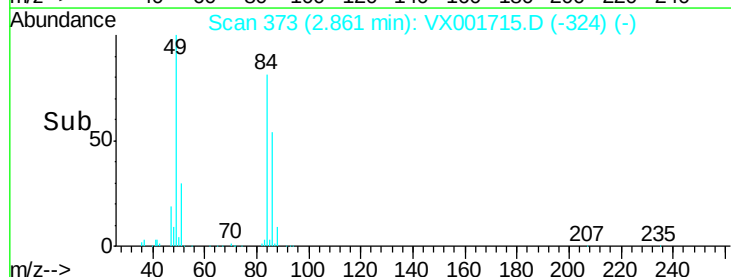
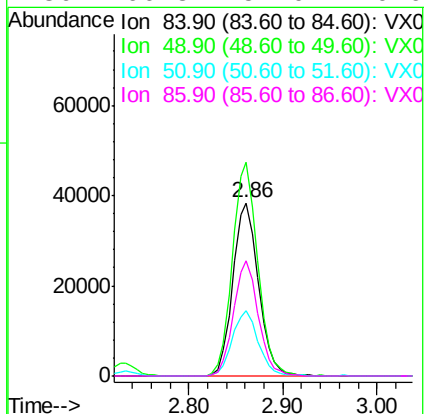
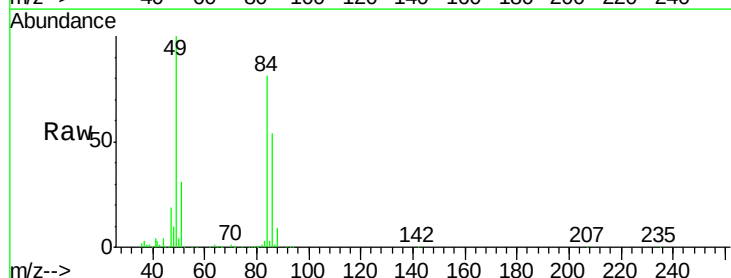
Ion Ratio Lower Upper

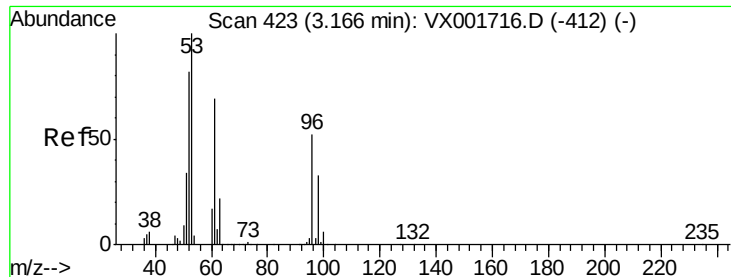
84 100

49 123.5 96.3 144.5

51 37.8 29.8 44.6

86 66.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

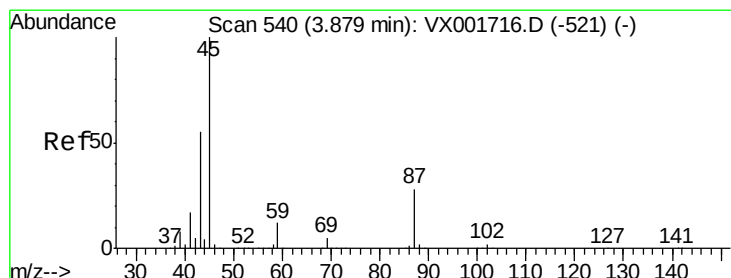
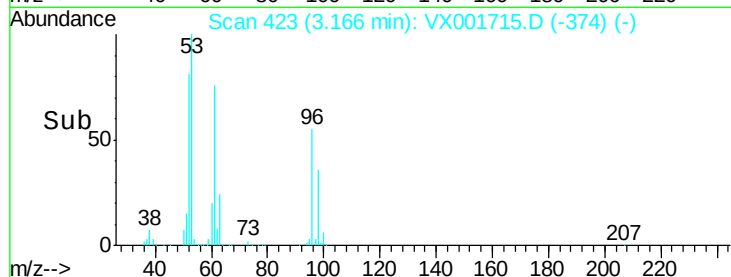
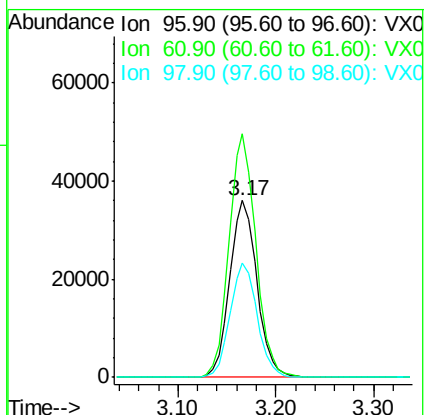
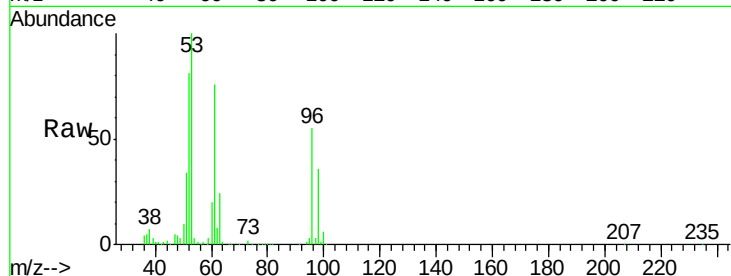
Tgt Ion: 96 Resp: 69838

Ion Ratio Lower Upper

96 100

61 137.8 105.8 158.8

98 65.0 50.2 75.4



#22

Diisopropyl ether

Concen: 18.45 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Tgt Ion: 45 Resp: 226087

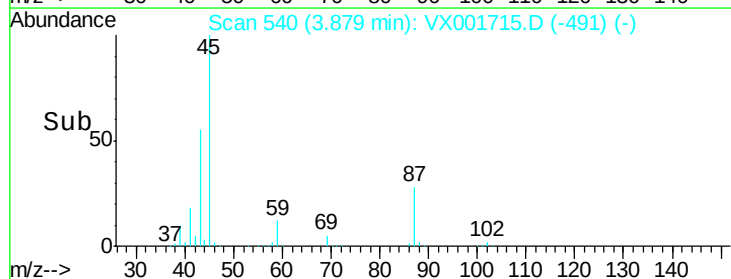
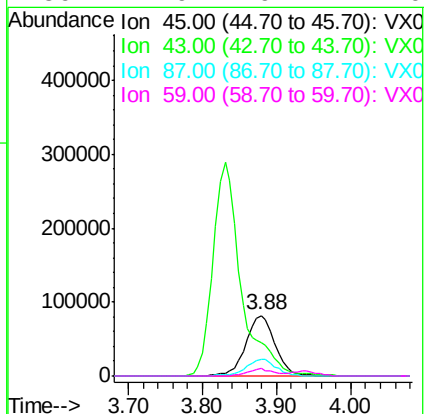
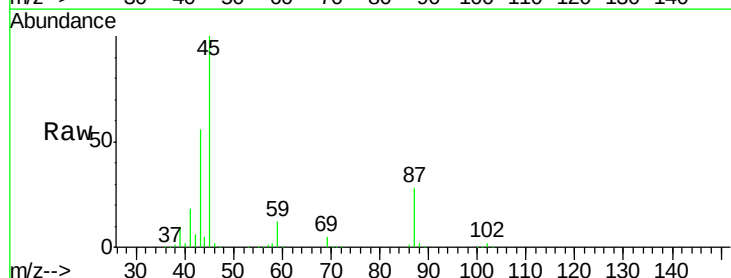
Ion Ratio Lower Upper

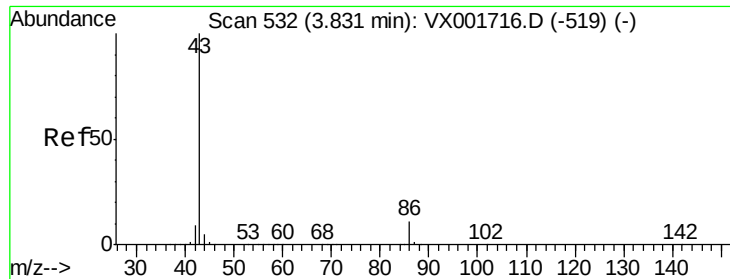
45 100

43 54.6 44.3 66.5

87 27.8 22.6 33.8

59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 77.20 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

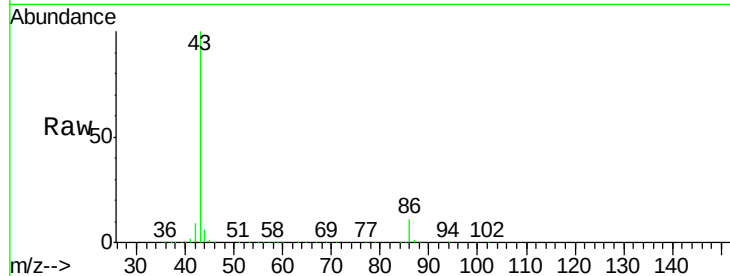
VSTDIC020

Tgt Ion: 43 Resp: 763721

Ion Ratio Lower Upper

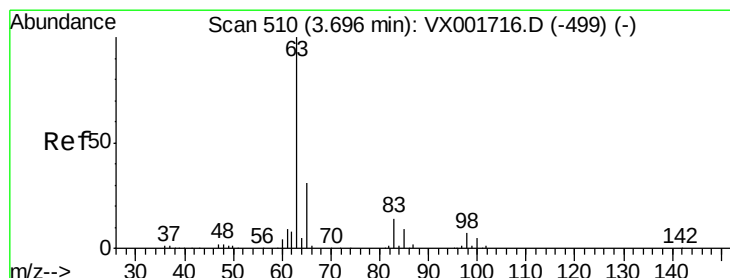
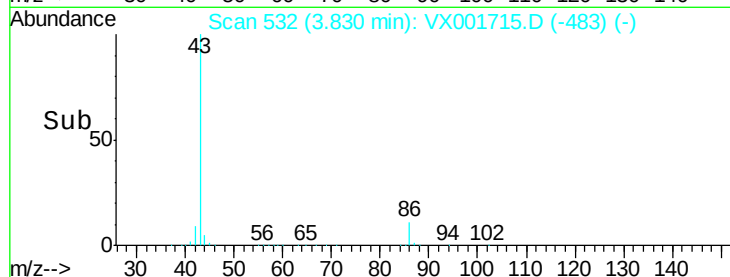
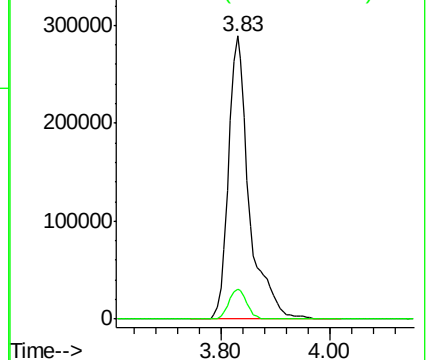
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

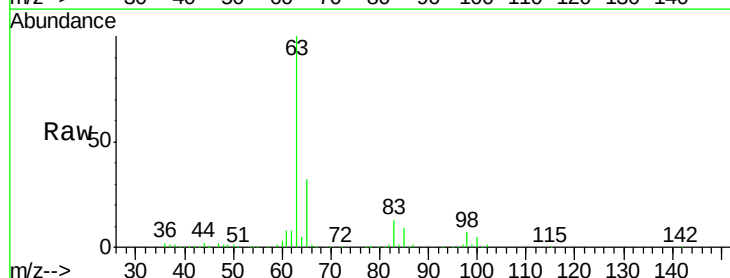
Tgt Ion: 63 Resp: 125030

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

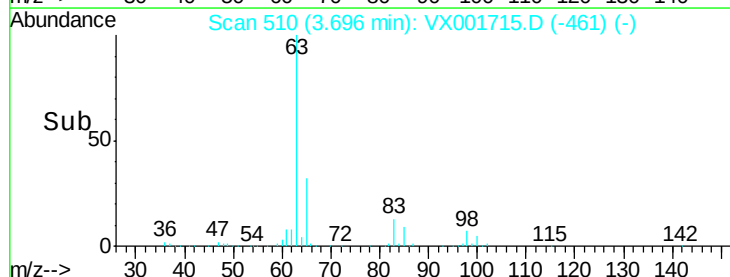
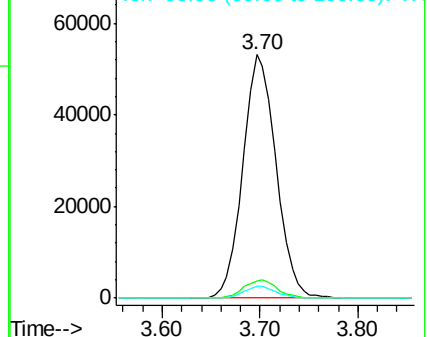
100 5.0 2.4 7.2

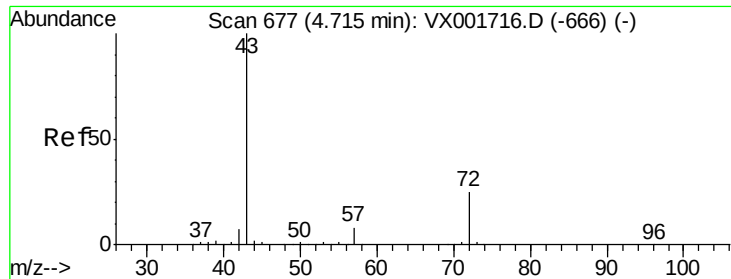


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.07 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

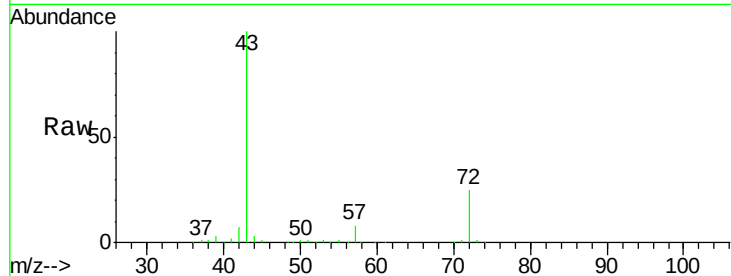
VSTDIC020

Tgt Ion: 43 Resp: 268410

Ion Ratio Lower Upper

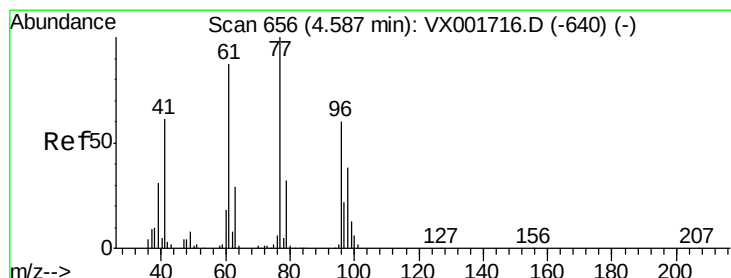
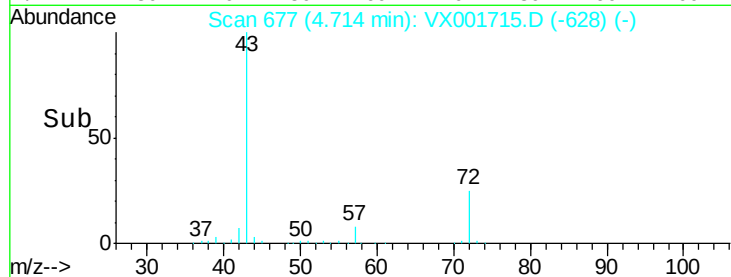
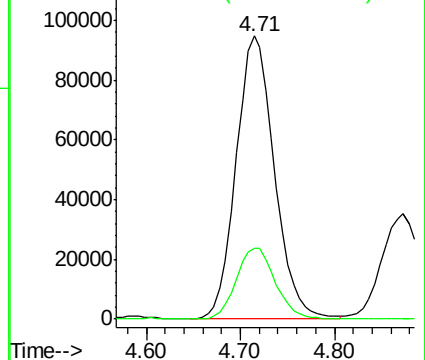
43 100

72 25.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.29 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001715.D

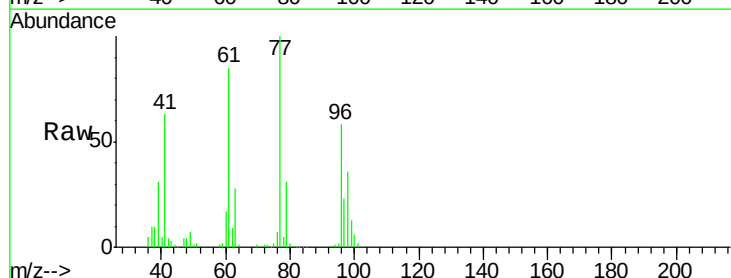
Acq: 14 May 2018 17:50

Tgt Ion: 77 Resp: 101962

Ion Ratio Lower Upper

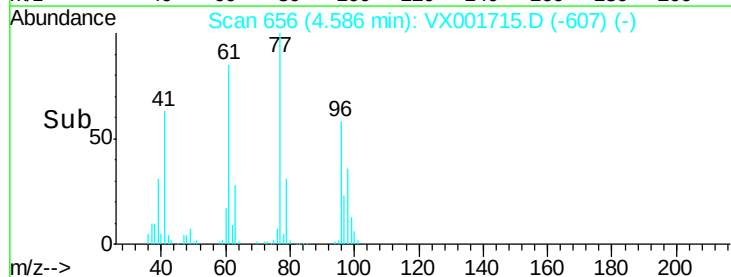
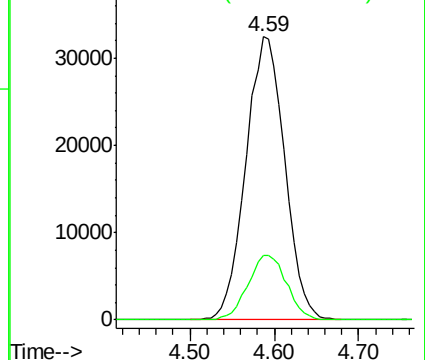
77 100

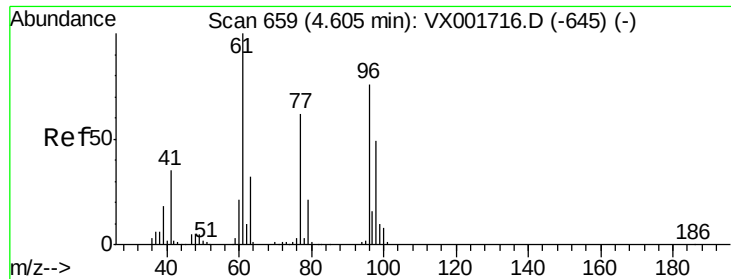
97 22.8 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.89 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

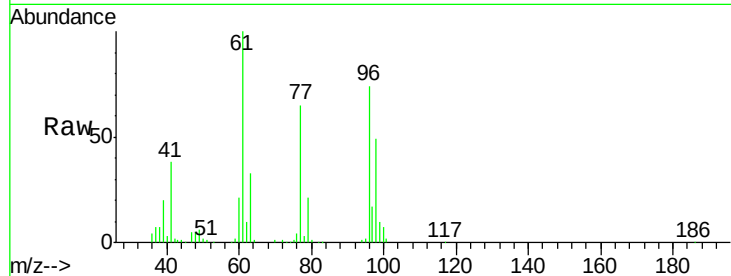
Tgt Ion: 96 Resp: 79513

Ion Ratio Lower Upper

96 100

61 141.6 0.0 280.4

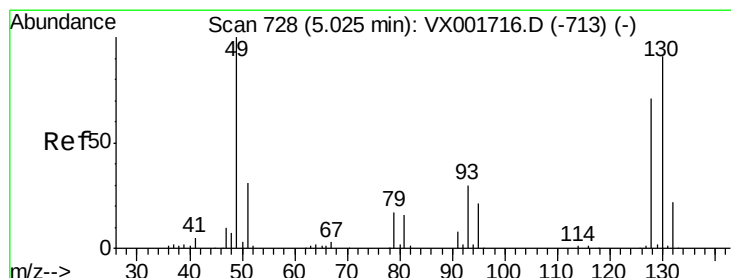
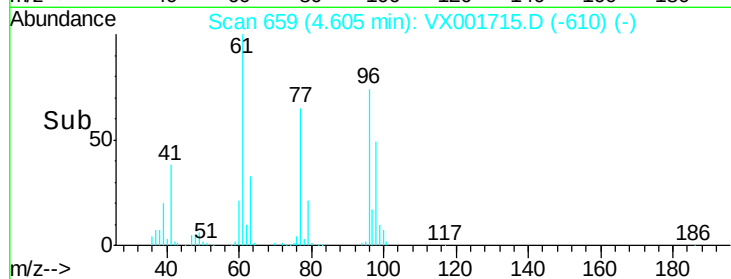
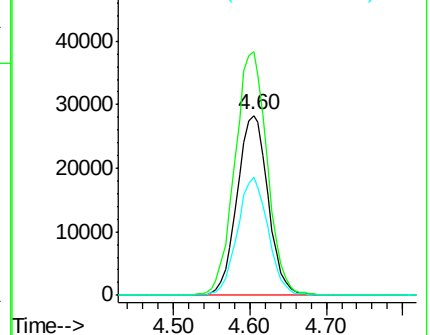
98 65.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.98 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

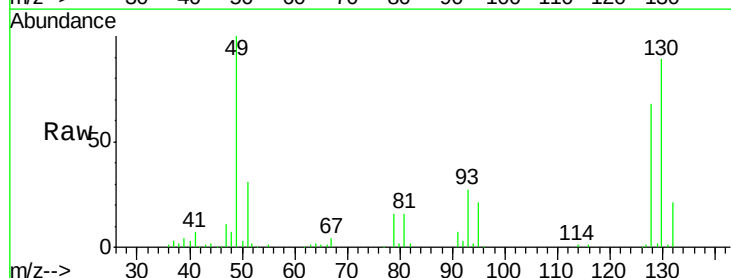
Tgt Ion: 49 Resp: 59848

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

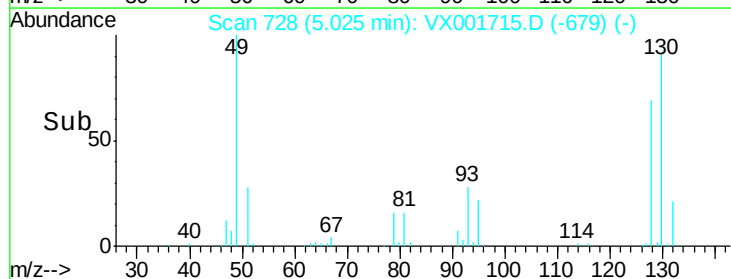
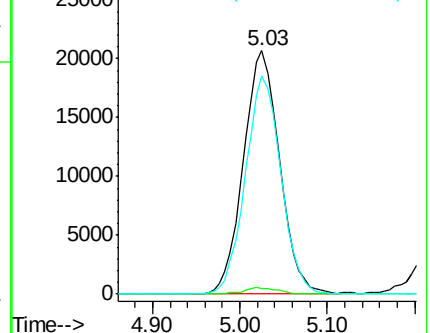
130 87.8 71.8 107.6

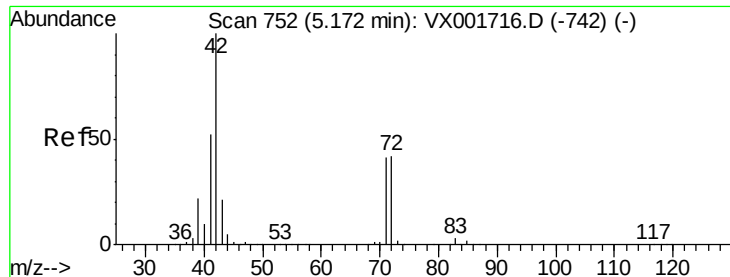


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.49 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

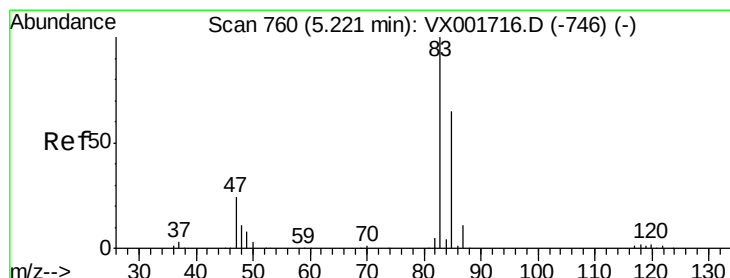
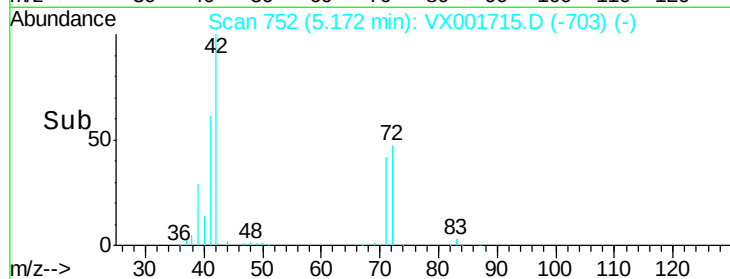
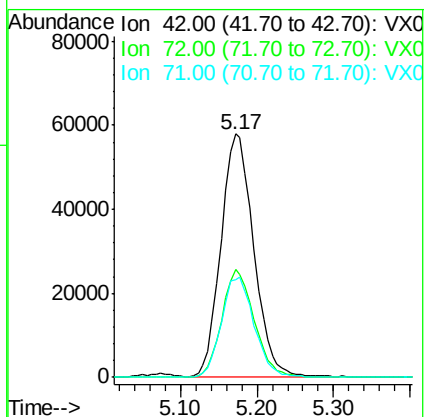
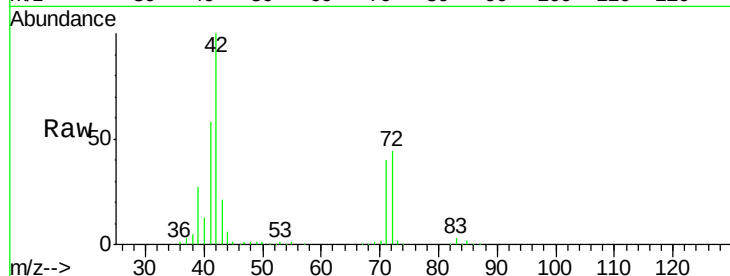
Tgt Ion: 42 Resp: 171122

Ion Ratio Lower Upper

42 100

72 44.0 35.4 53.2

71 41.4 33.2 49.8



#30

Chloroform

Concen: 19.02 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001715.D

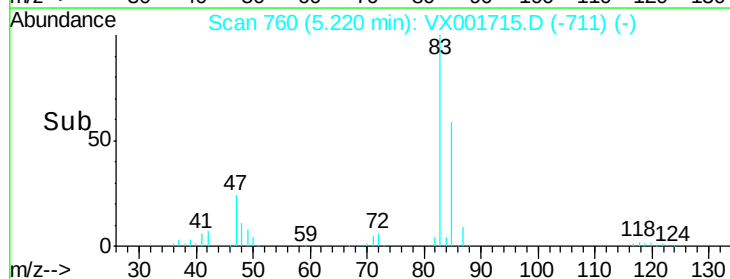
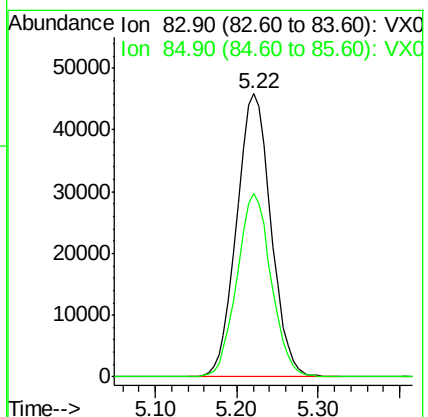
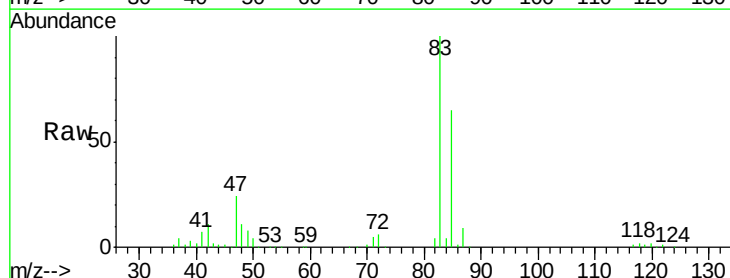
Acq: 14 May 2018 17:50

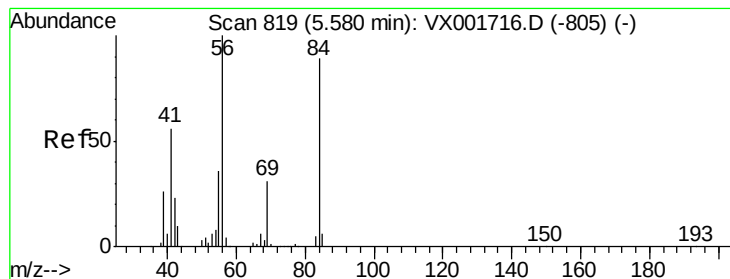
Tgt Ion: 83 Resp: 134055

Ion Ratio Lower Upper

83 100

85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 18.90 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

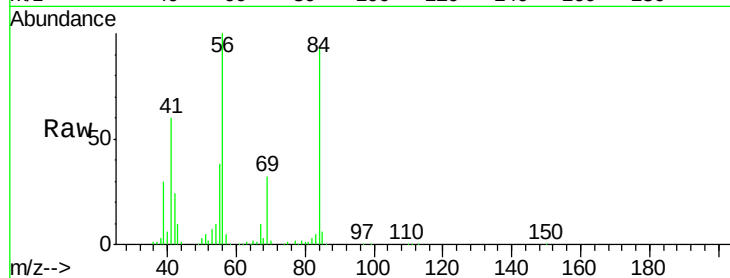
Tgt Ion: 56 Resp: 111471

Ion Ratio Lower Upper

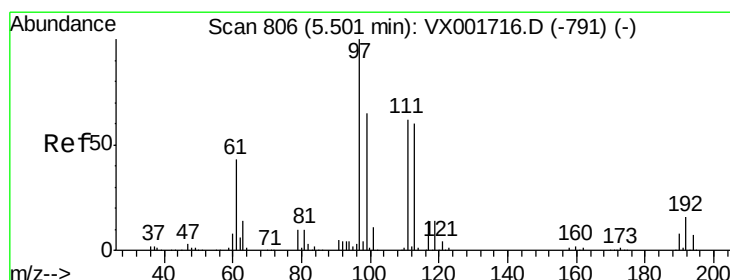
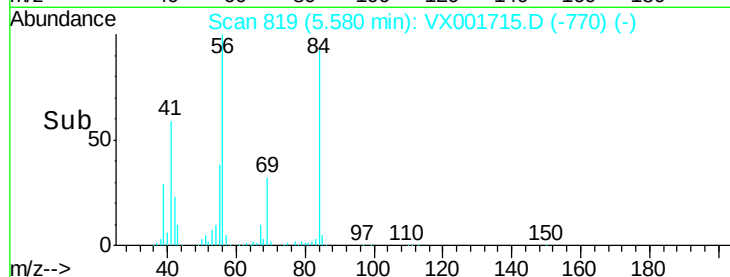
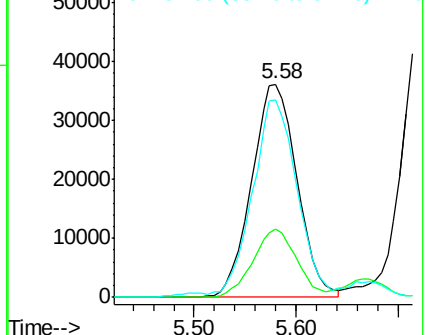
56 100

69 31.8 25.0 37.6

84 90.7 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 18.99 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

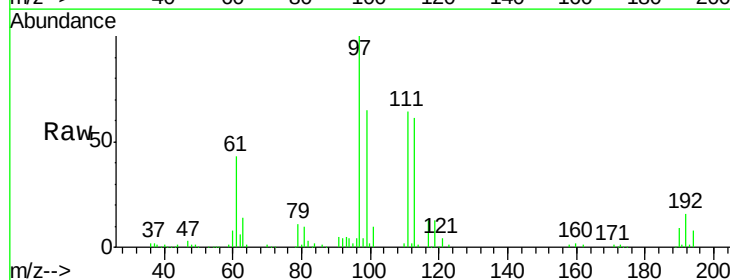
Tgt Ion: 97 Resp: 116837

Ion Ratio Lower Upper

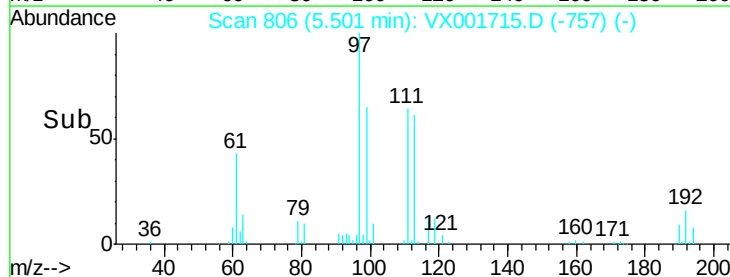
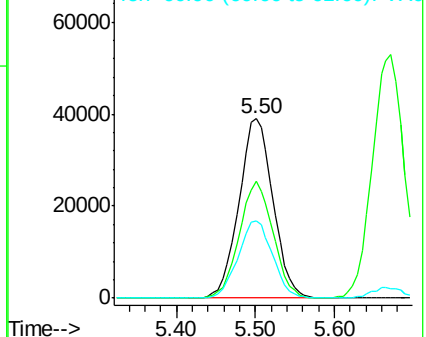
97 100

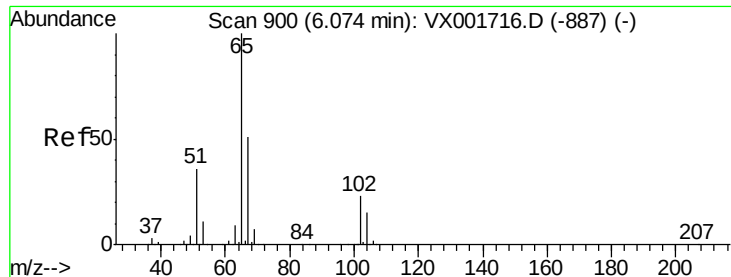
99 64.5 51.3 76.9

61 43.6 34.0 51.0



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

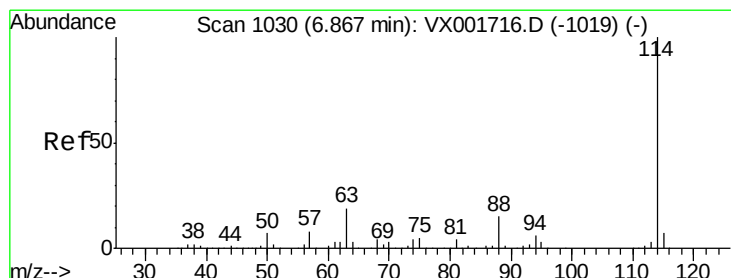
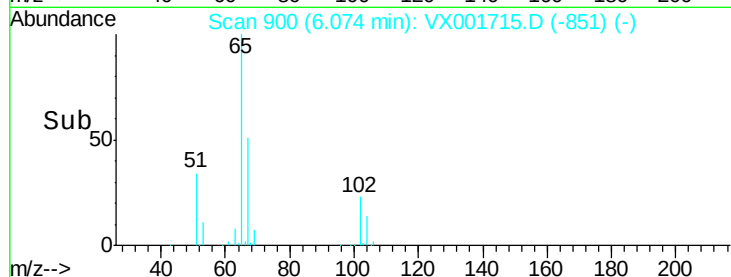
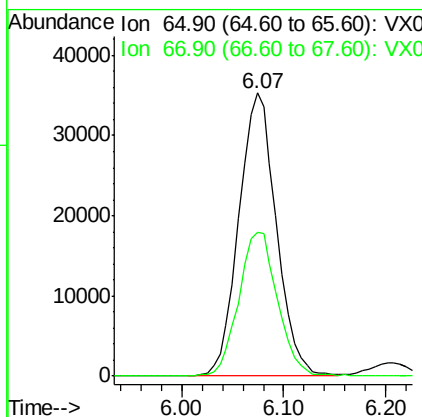
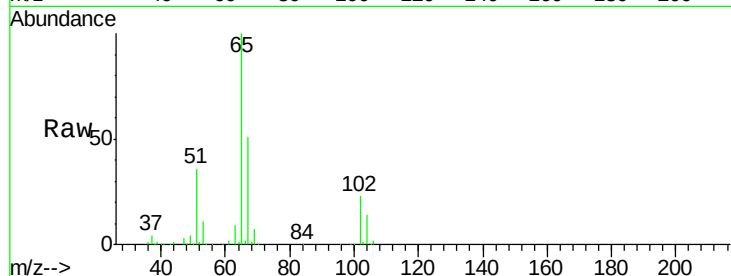




#33
 1,2-Dichloroethane-d4
 Concen: 19.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

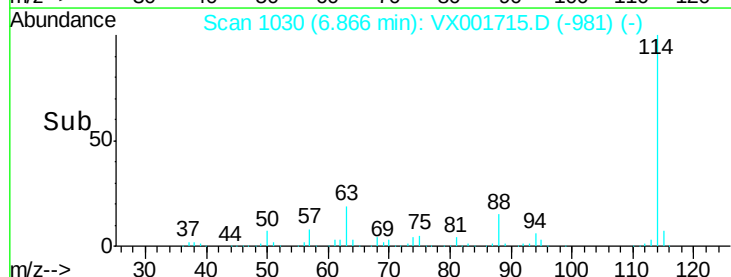
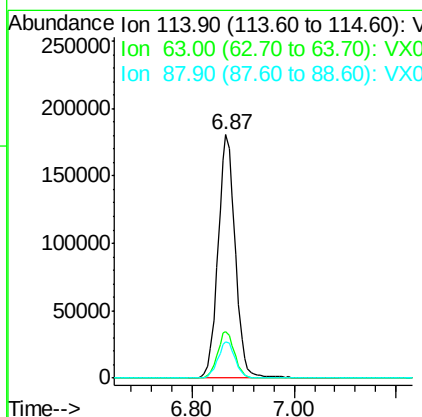
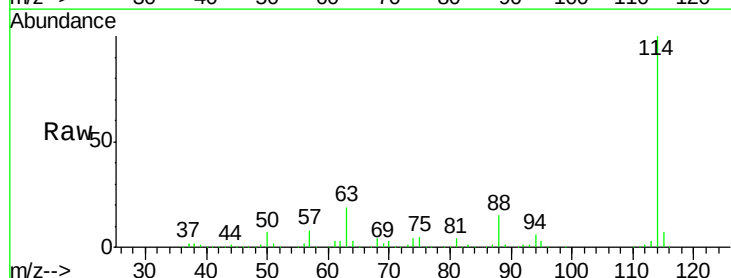
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

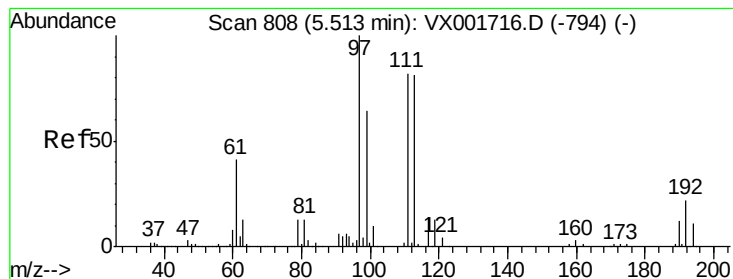
Tgt Ion: 65 Resp: 90113
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion: 114 Resp: 423191
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 19.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

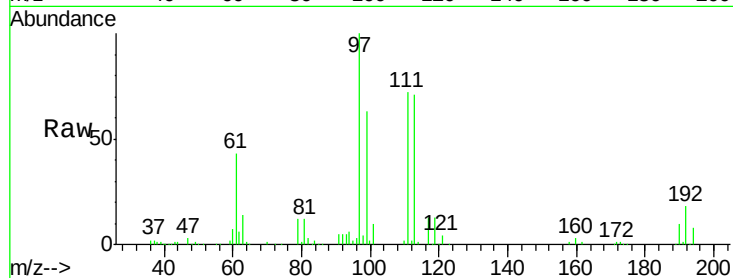
Tgt Ion:113 Resp: 74186

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

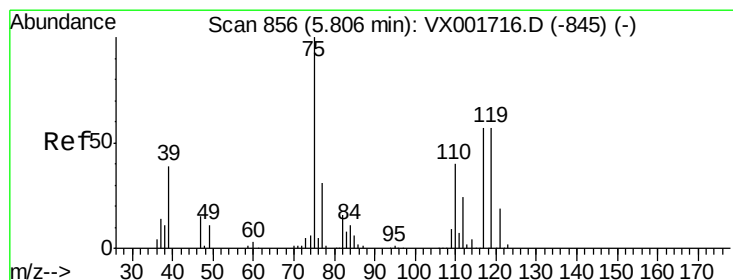
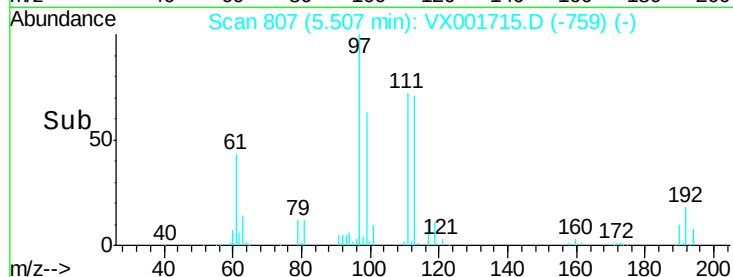
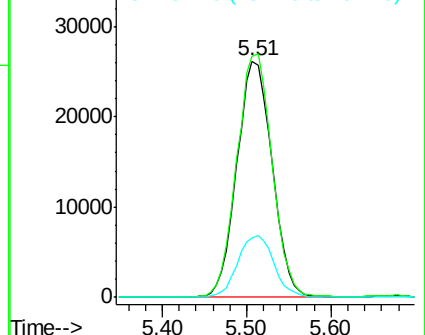
192 26.6 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.41 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

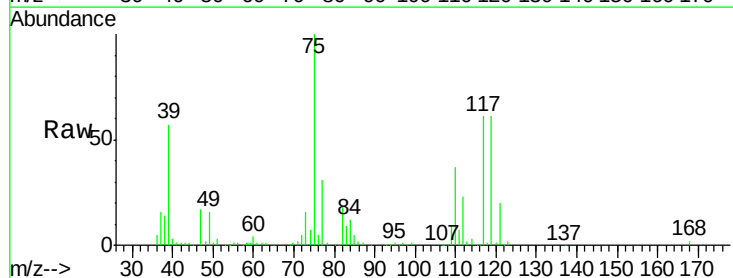
Tgt Ion: 75 Resp: 97652

Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.1

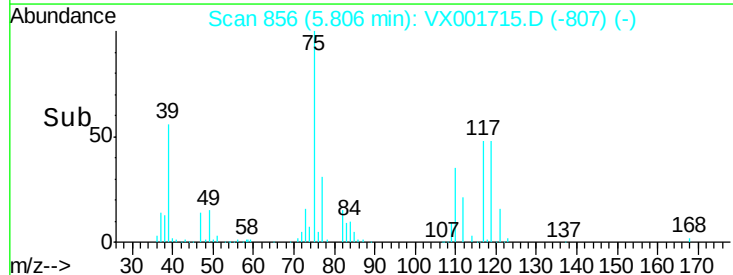
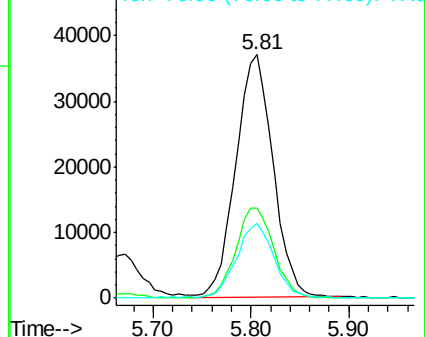
77 30.6 24.6 37.0

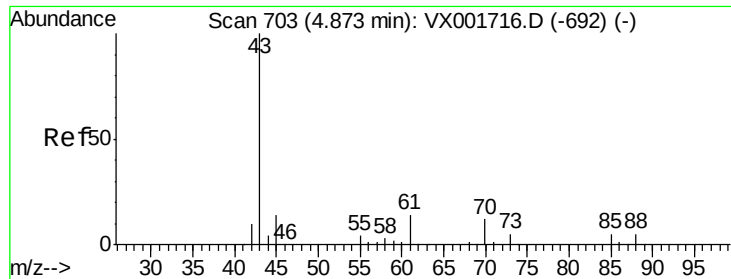


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

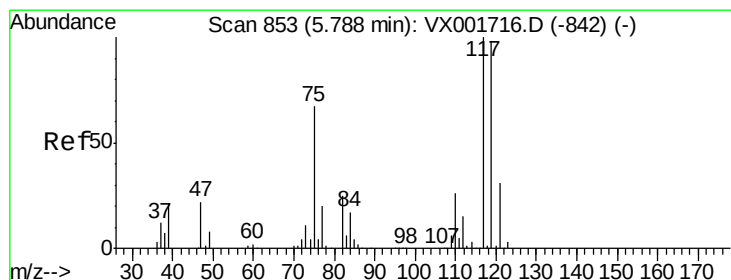
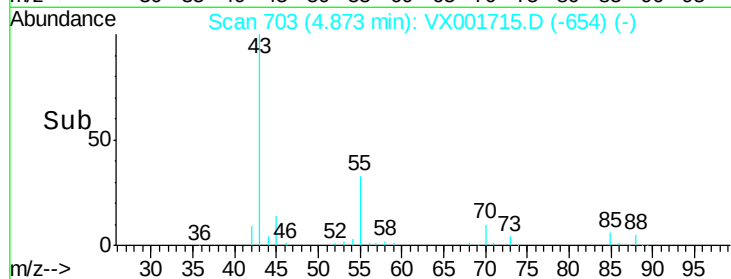
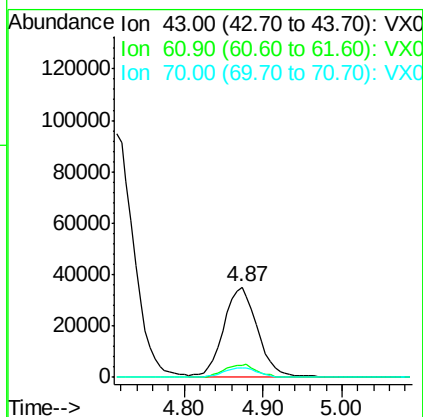
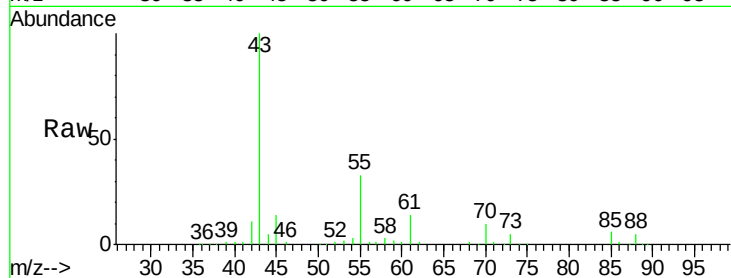




#37
Ethyl Acetate
Concen: 17.97 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

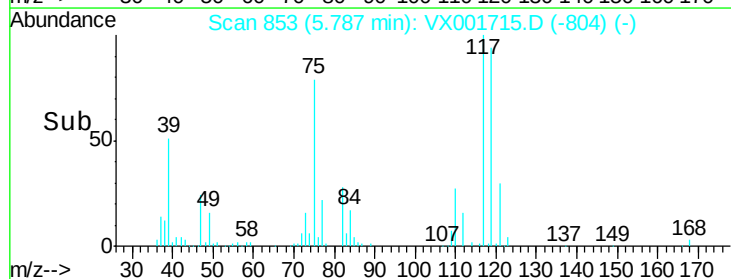
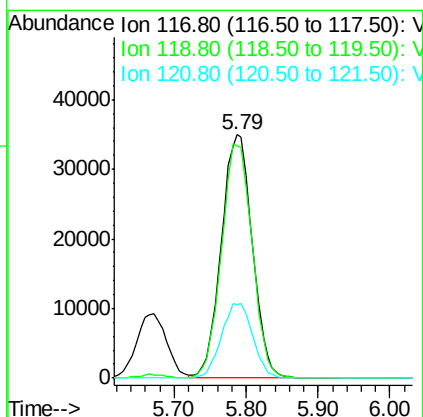
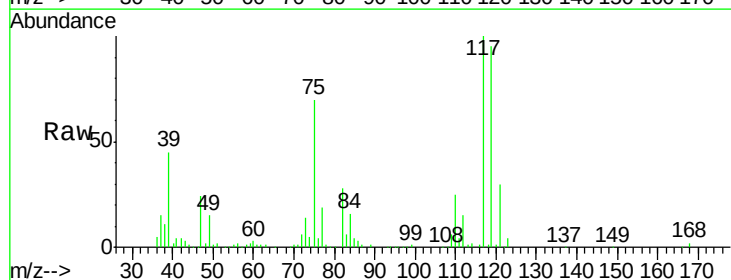
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

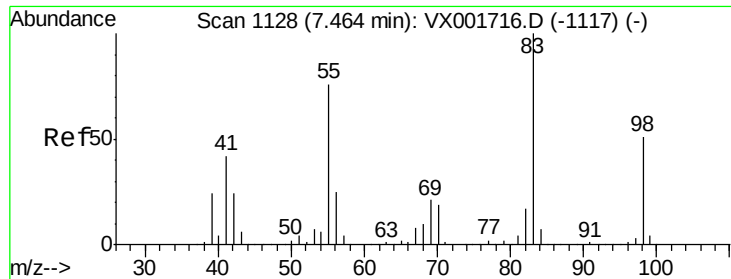
Tgt Ion: 43 Resp: 103710
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 117 Resp: 104871
Ion Ratio Lower Upper
117 100
119 95.2 77.6 116.4
121 30.4 24.6 36.8

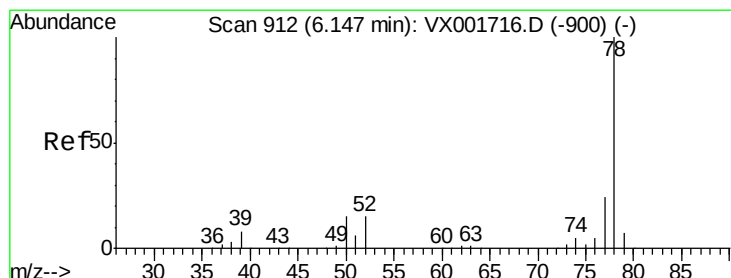
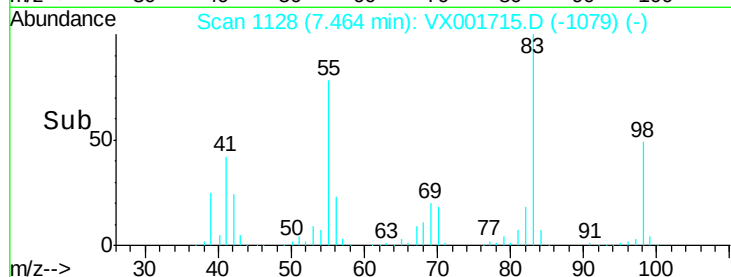
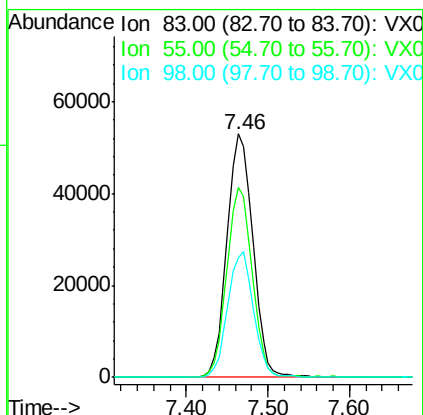
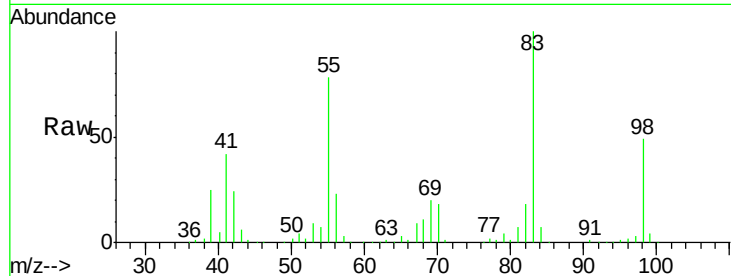




#39
Methylcyclohexane
Concen: 18.62 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

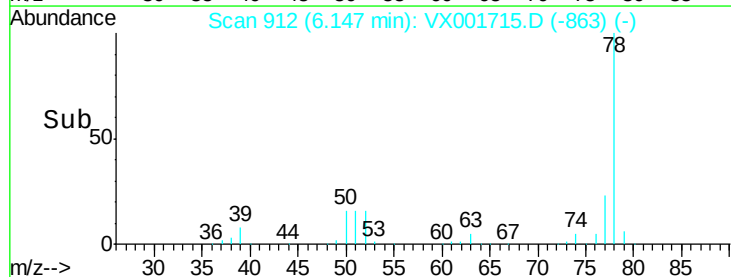
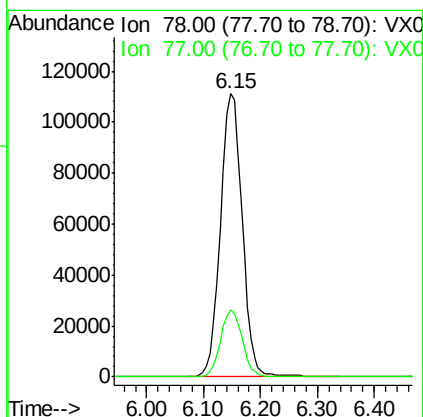
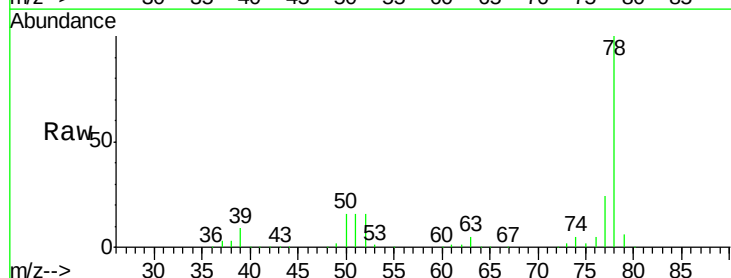
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

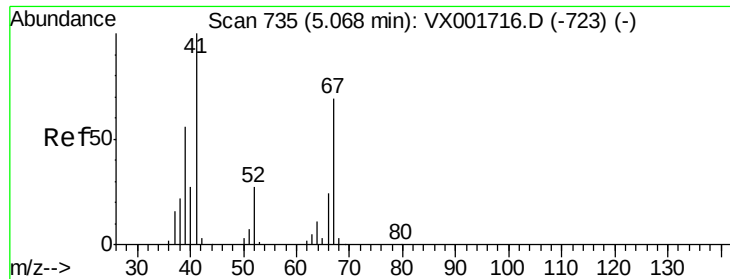
Tgt Ion: 83 Resp: 116744
Ion Ratio Lower Upper
83 100
55 77.8 60.6 90.8
98 48.9 40.4 60.6



#40
Benzene
Concen: 19.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 78 Resp: 296402
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

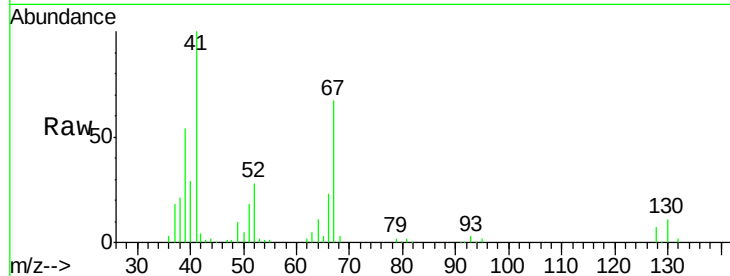




#41
Methacrylonitrile
Concen: 18.07 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	59848
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.2	66.4
67	67.7	56.0	84.0
52	28.0	22.6	33.8



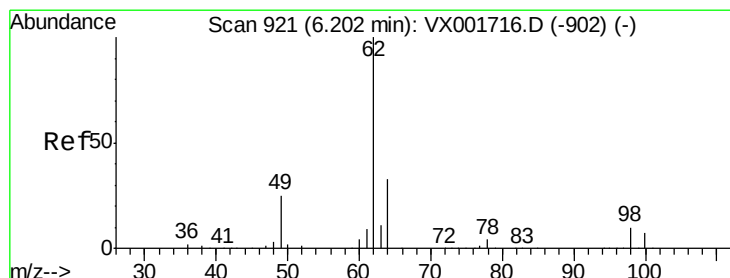
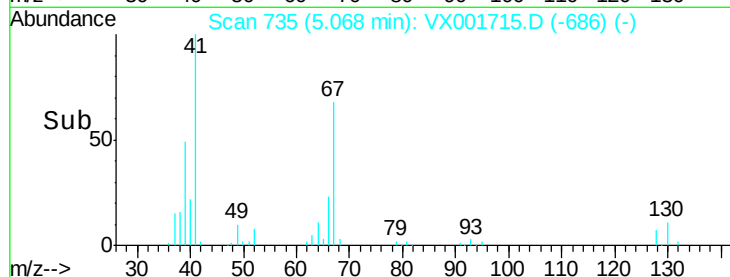
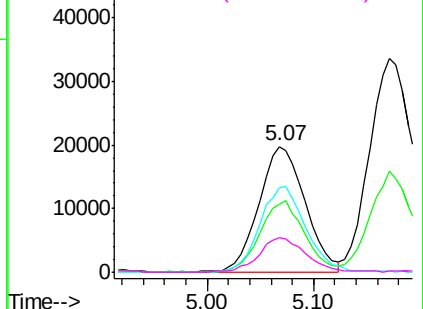
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

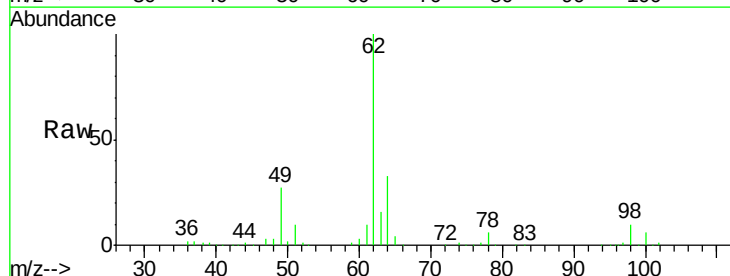
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.53 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

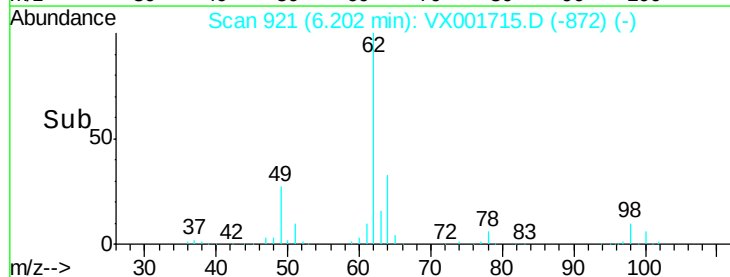
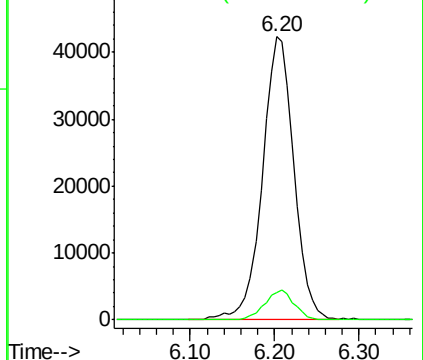
Tgt Ion:	62	Resp:	109209
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0

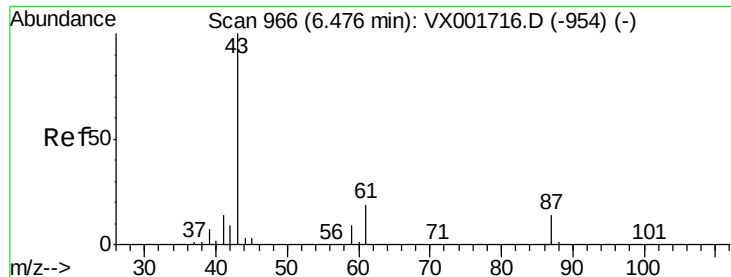


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

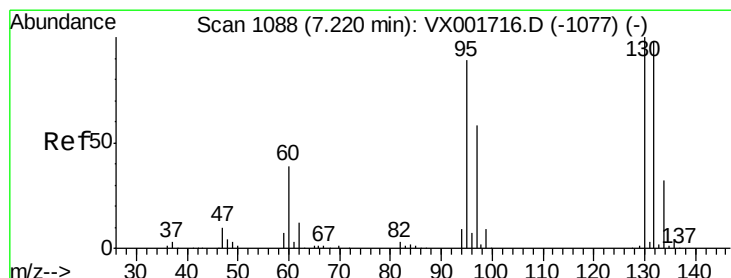
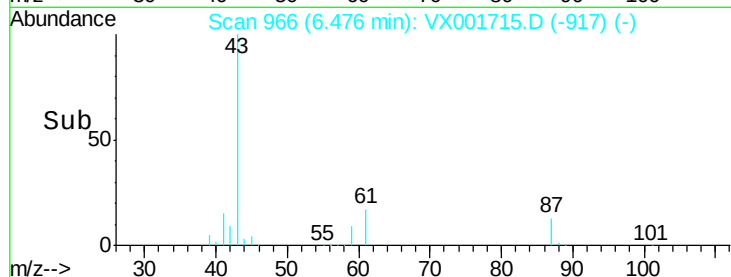
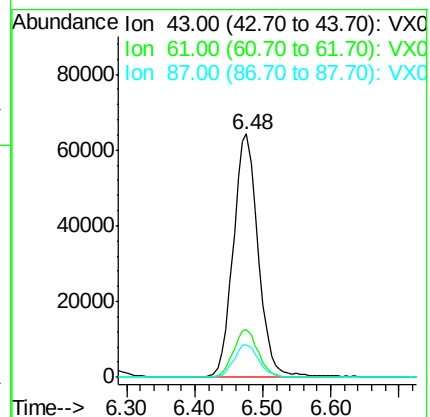
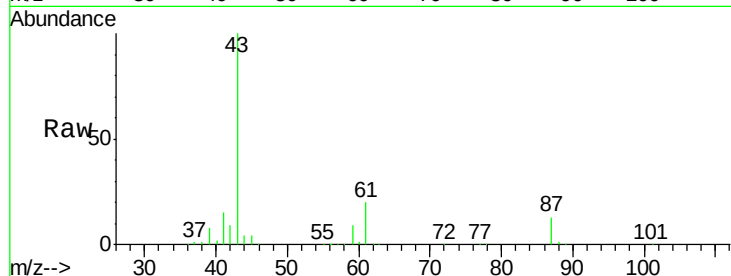
Tgt Ion: 43 Resp: 161965

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

87 13.5 11.0 16.4



#44

Trichloroethene

Concen: 18.86 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001715.D

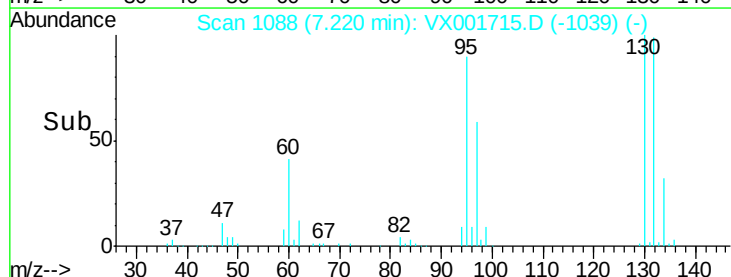
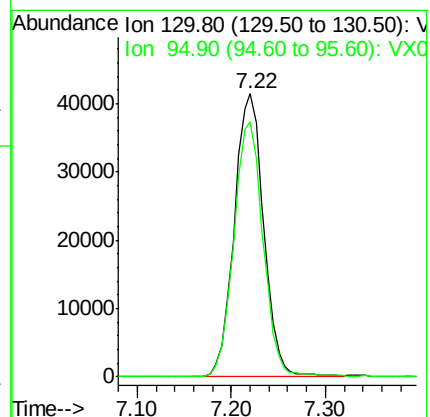
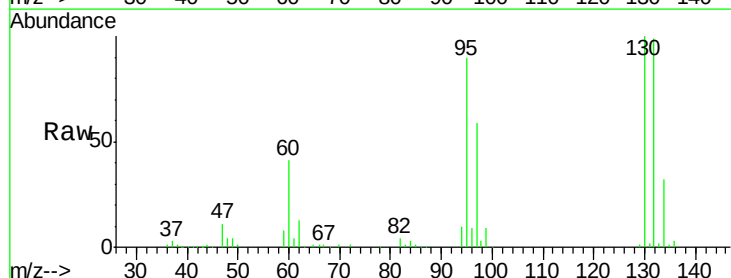
Acq: 14 May 2018 17:50

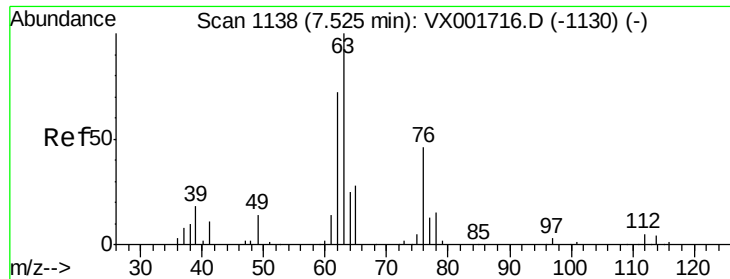
Tgt Ion: 130 Resp: 89761

Ion Ratio Lower Upper

130 100

95 90.1 0.0 177.2

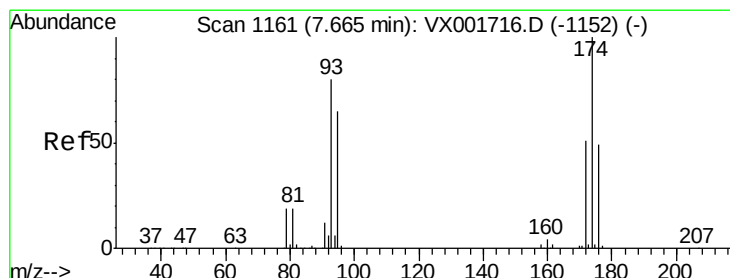
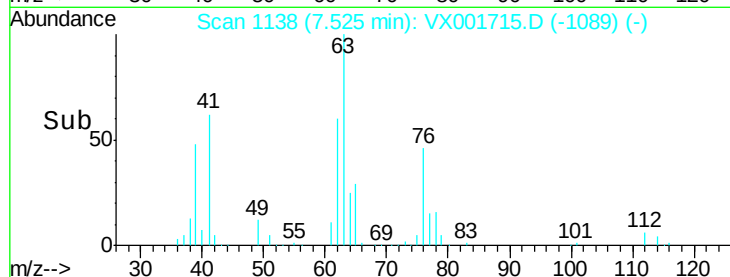
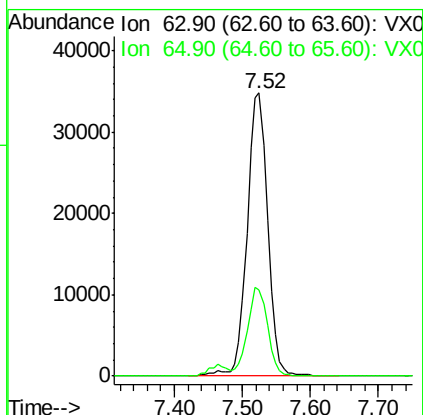
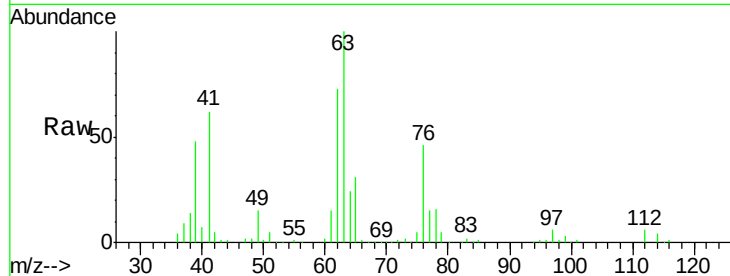




#45
 1,2-Dichloropropane
 Concen: 19.04 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

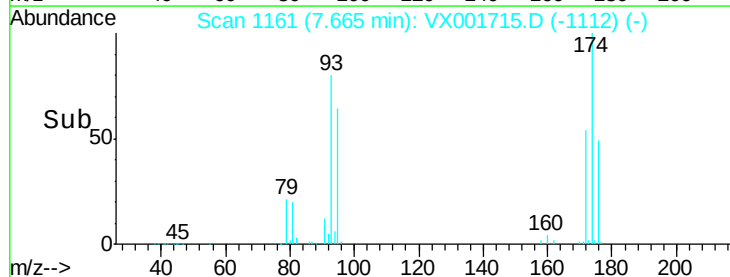
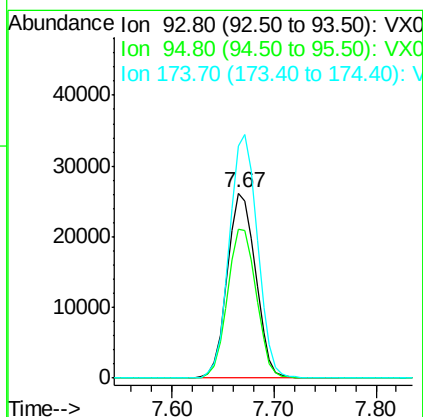
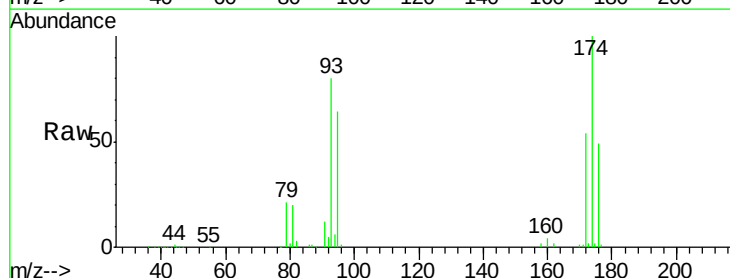
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

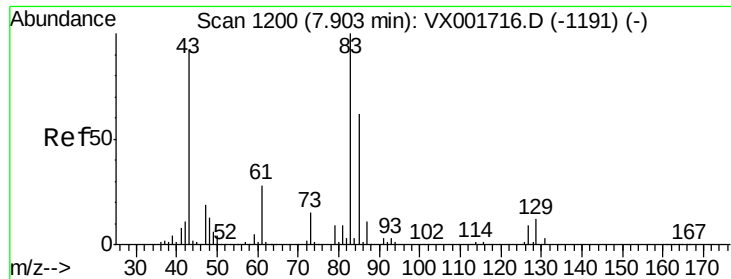
Tgt Ion: 63 Resp: 73558
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.2



#46
 Dibromomethane
 Concen: 18.47 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion: 93 Resp: 50315
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.9 98.9
 174 130.9 106.2 159.2





#47

Bromodichloromethane

Concen: 18.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

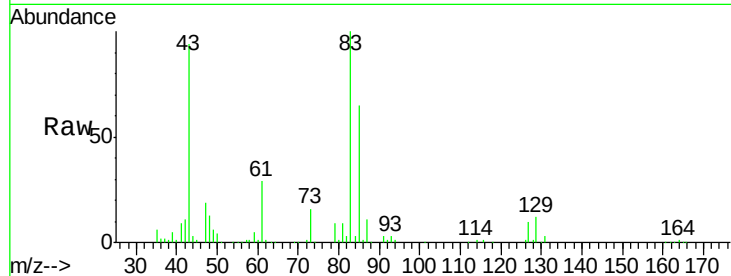
Tgt Ion: 83 Resp: 94001

Ion Ratio Lower Upper

83 100

85 64.7 49.6 74.4

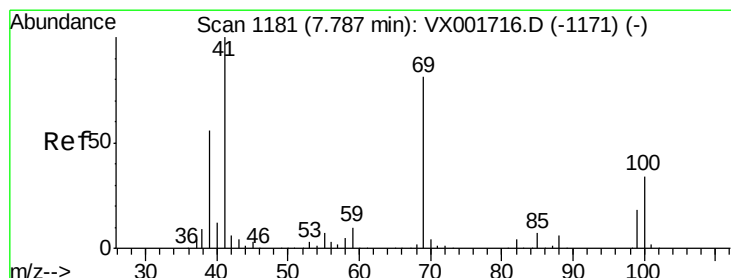
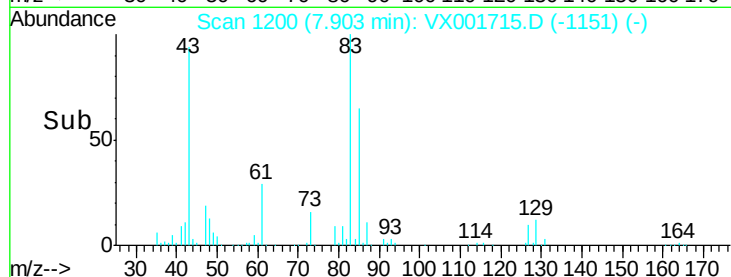
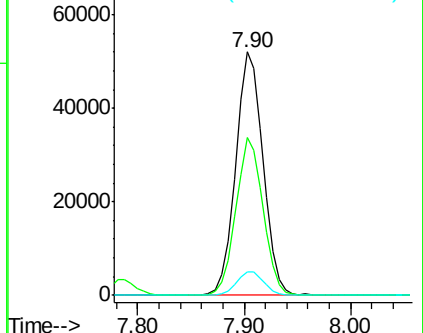
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.80 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

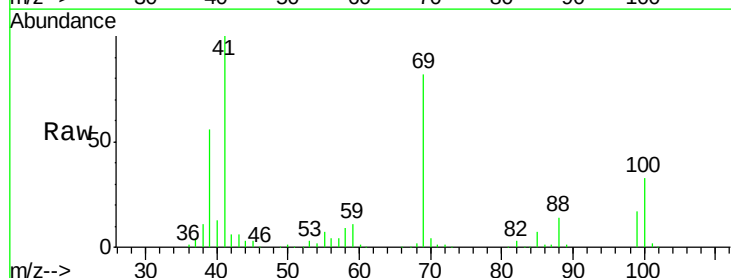
Tgt Ion: 41 Resp: 85657

Ion Ratio Lower Upper

41 100

69 82.2 65.2 97.8

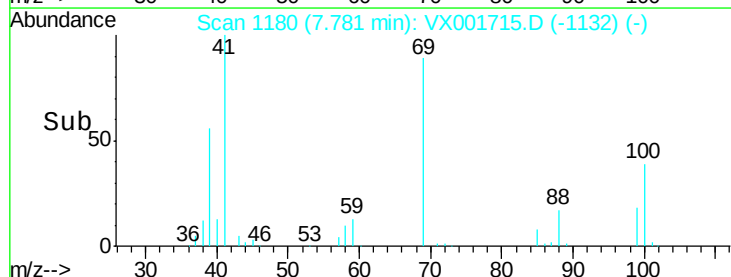
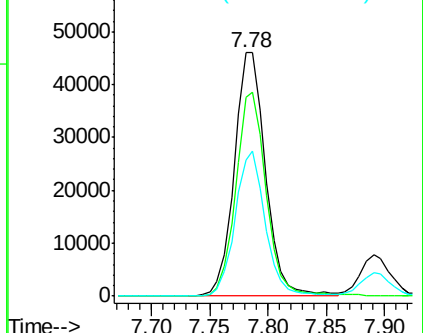
39 58.0 44.5 66.7

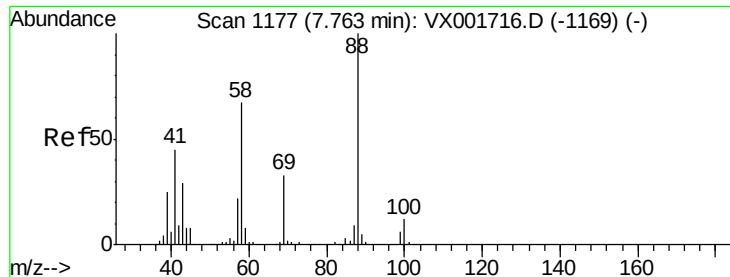


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 319.73 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

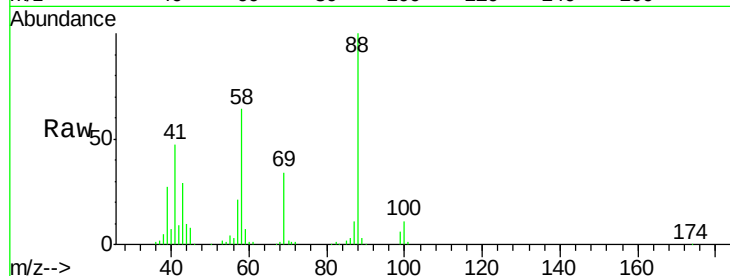
Tgt Ion: 88 Resp: 32542

Ion Ratio Lower Upper

88 100

43 33.5 27.3 40.9

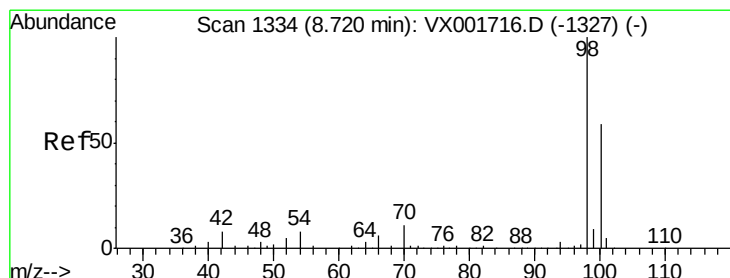
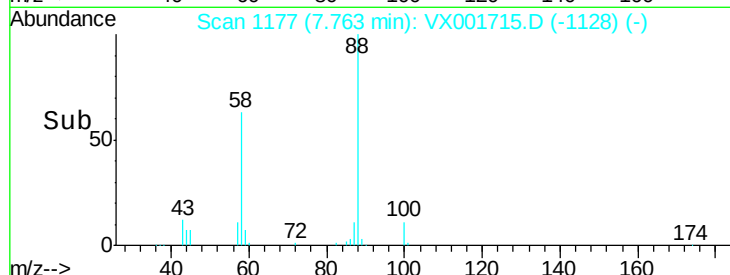
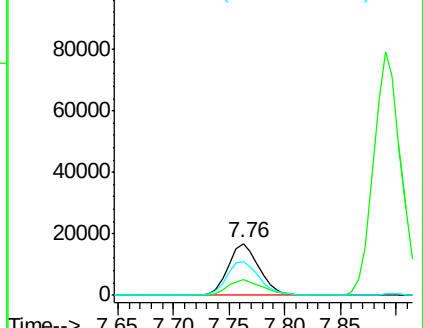
58 68.9 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 20.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001715.D

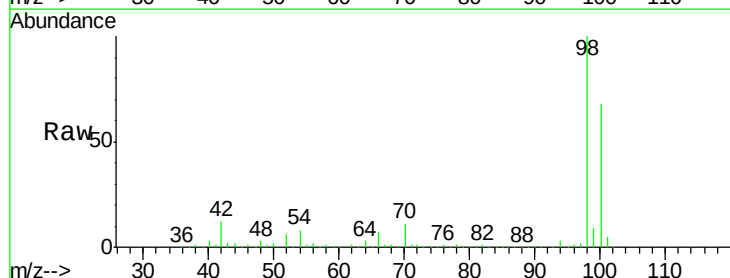
Acq: 14 May 2018 17:50

Tgt Ion: 98 Resp: 278154

Ion Ratio Lower Upper

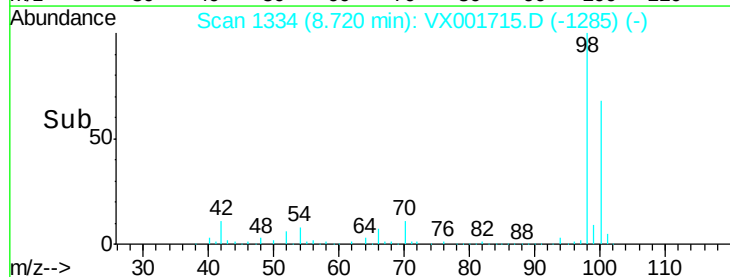
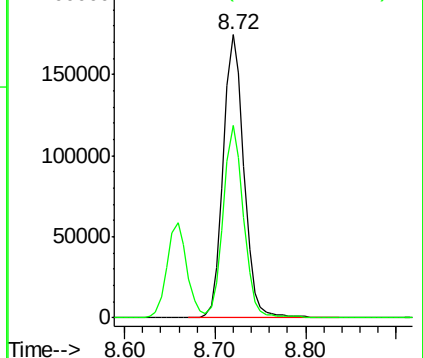
98 100

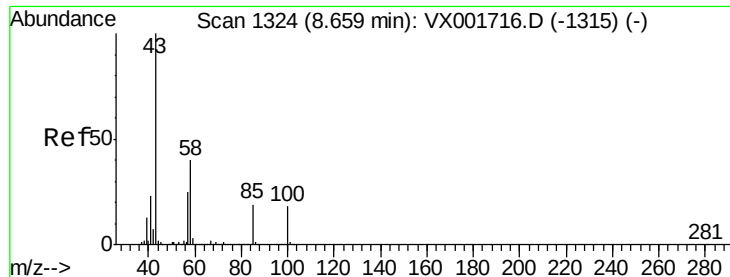
100 67.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

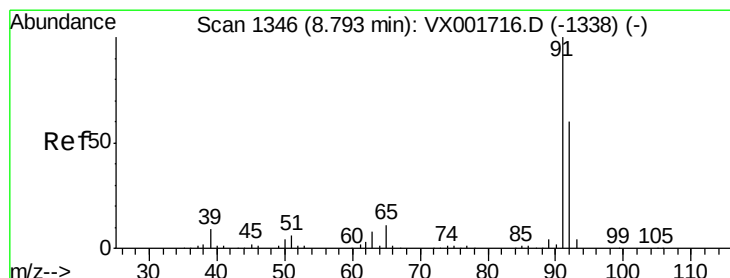
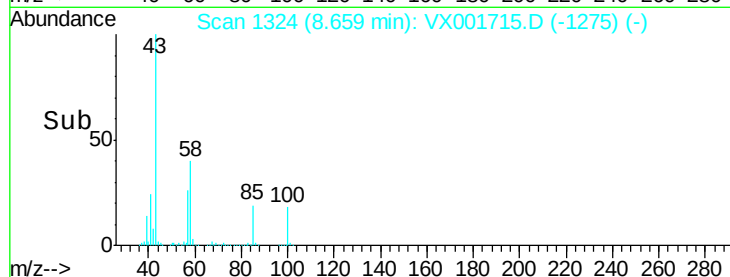
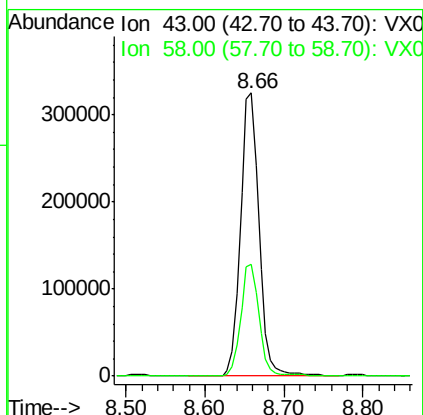
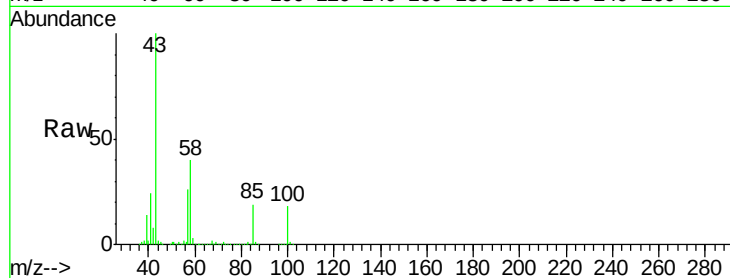




#51
 4-Methyl-2-Pentanone
 Concen: 90.89 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

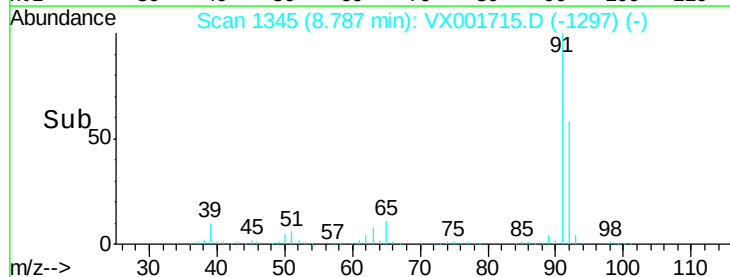
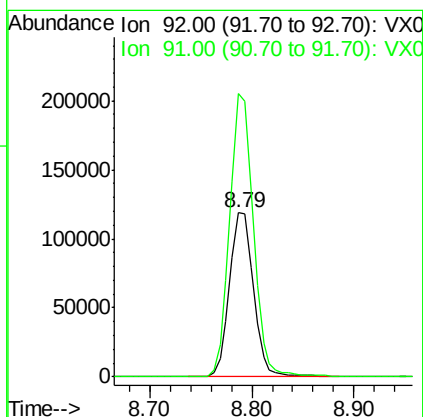
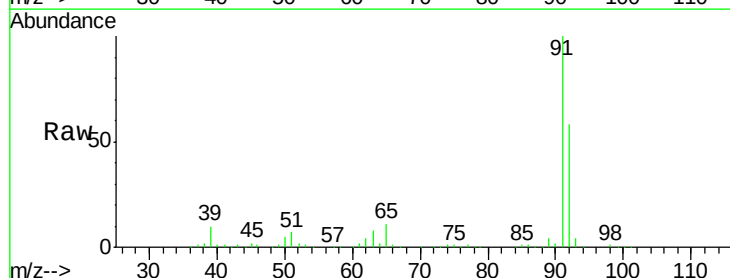
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

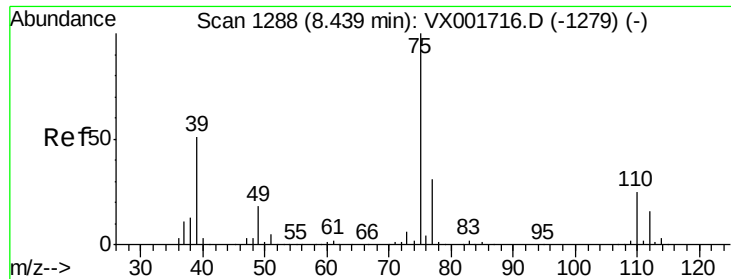
Tgt Ion: 43 Resp: 534010
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.4 47.0



#52
 Toluene
 Concen: 19.18 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion: 92 Resp: 194234
 Ion Ratio Lower Upper
 92 100
 91 170.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 19.55 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

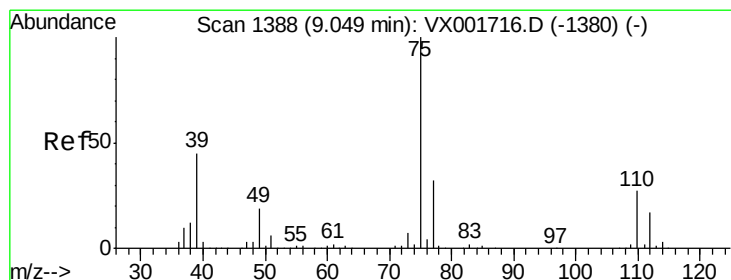
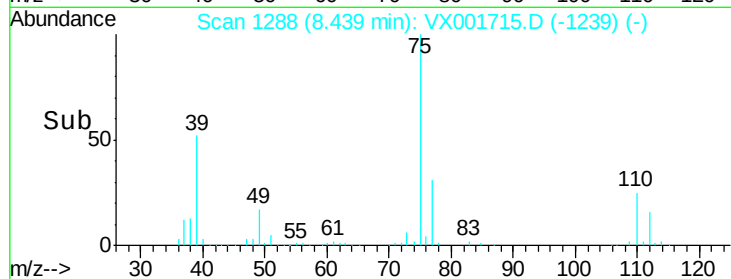
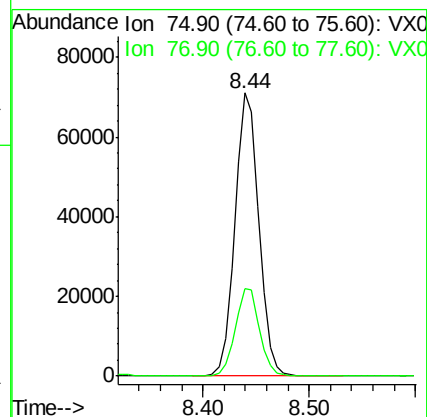
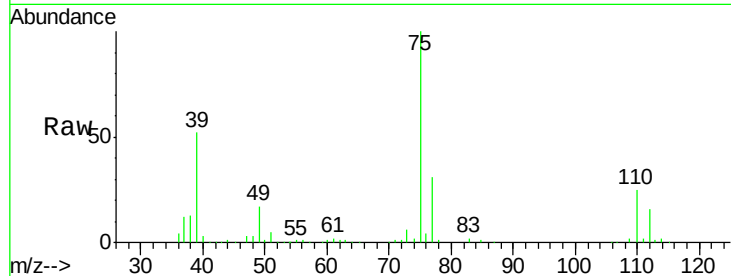
VSTDIC020

Tgt Ion: 75 Resp: 111902

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.56 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

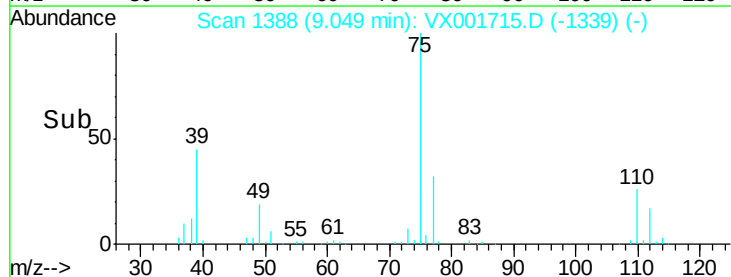
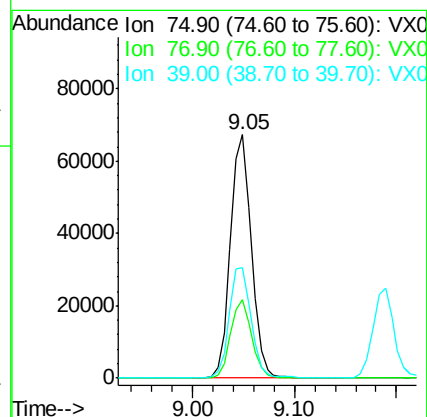
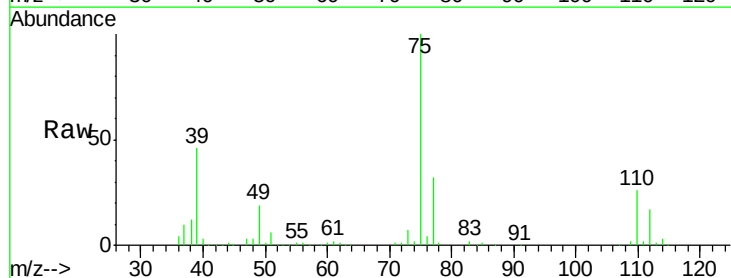
Tgt Ion: 75 Resp: 95368

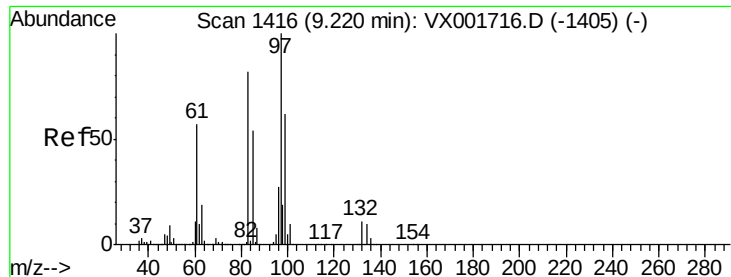
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 45.5 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 18.12 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 73257

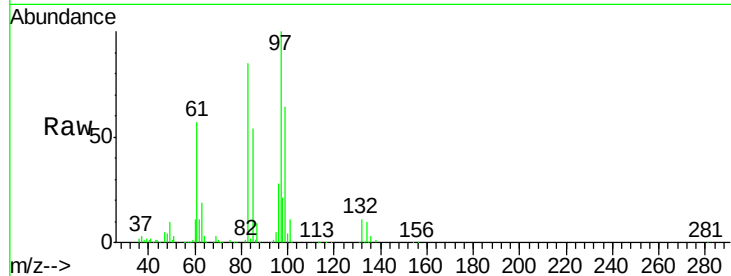
Ion Ratio Lower Upper

97 100

83 84.7 65.8 98.8

85 54.4 43.4 65.0

99 63.4 49.8 74.6

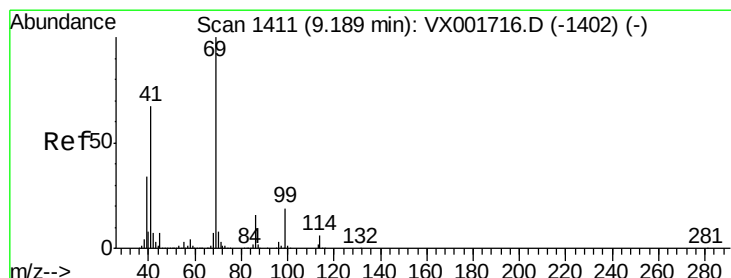
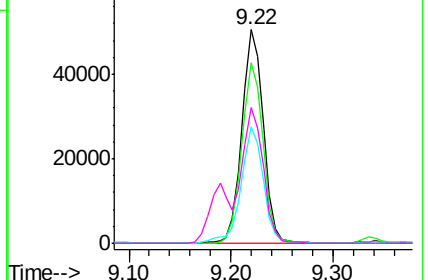
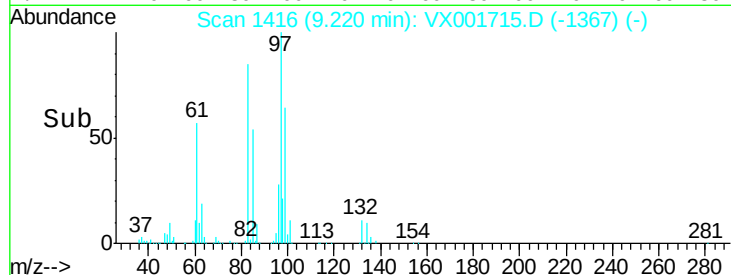


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.93 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

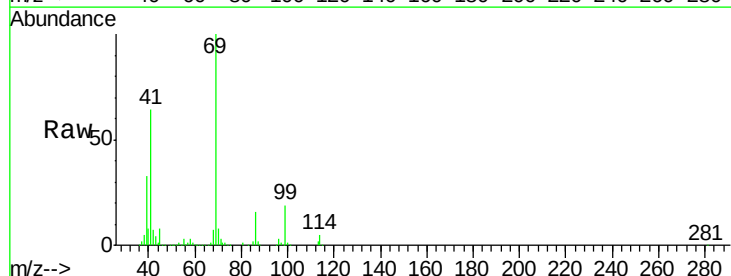
Tgt Ion: 69 Resp: 104107

Ion Ratio Lower Upper

69 100

41 65.9 53.5 80.3

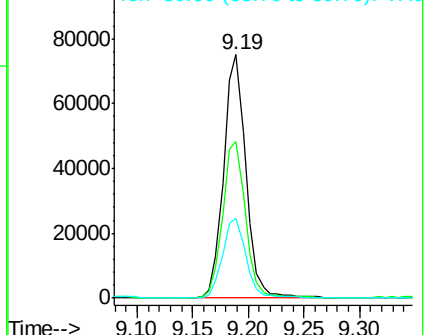
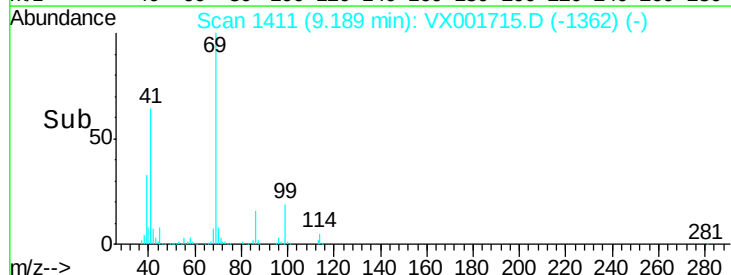
39 34.5 27.2 40.8

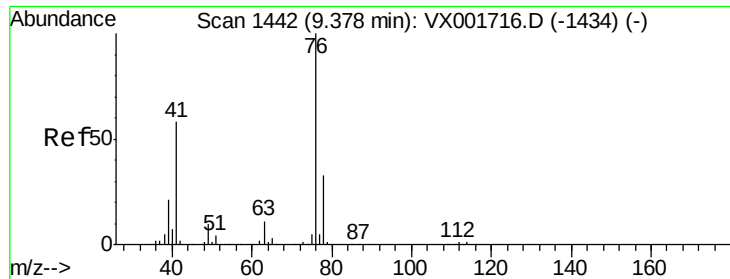


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

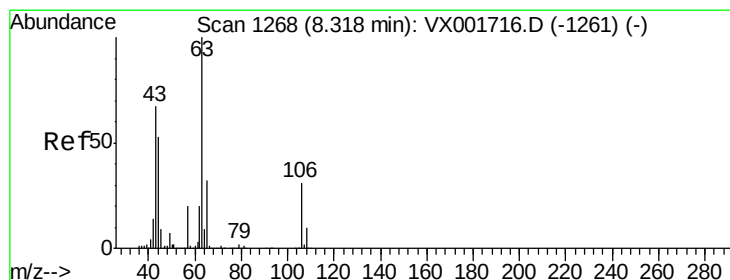
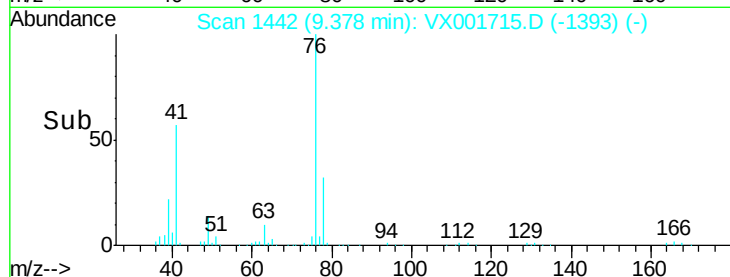
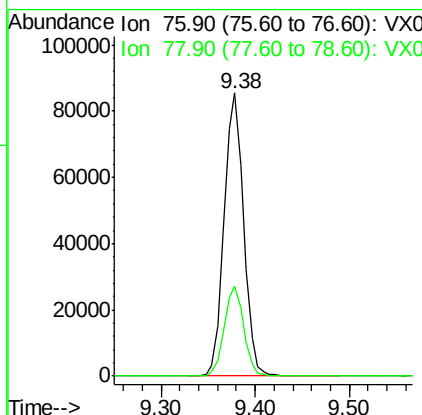
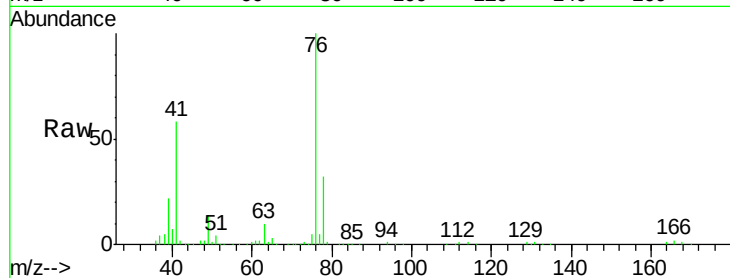




#57
 1,3-Dichloropropane
 Concen: 18.43 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

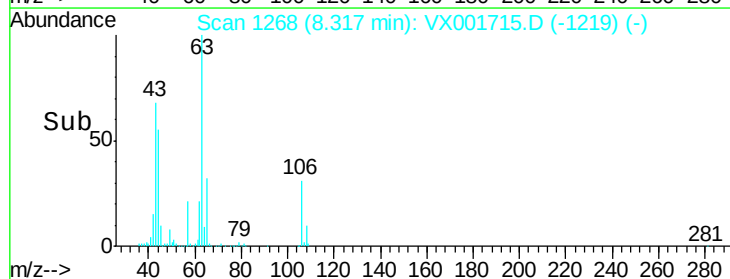
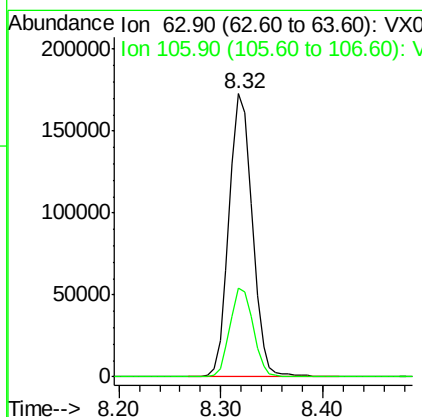
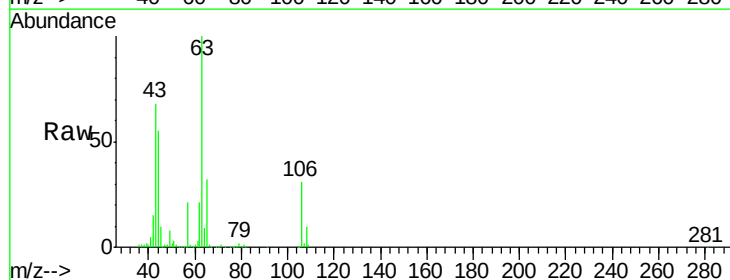
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

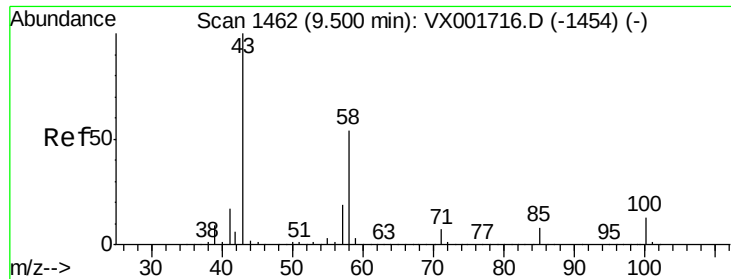
Tgt Ion: 76 Resp: 122987
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.90 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion: 63 Resp: 272927
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.1 37.7

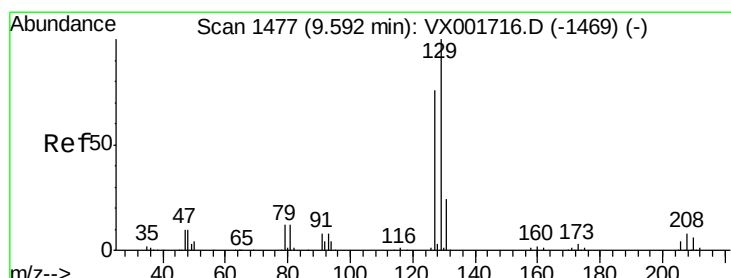
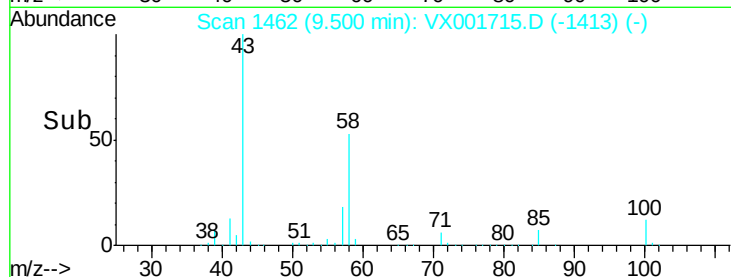
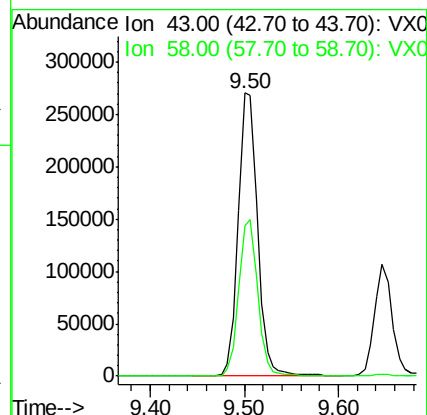
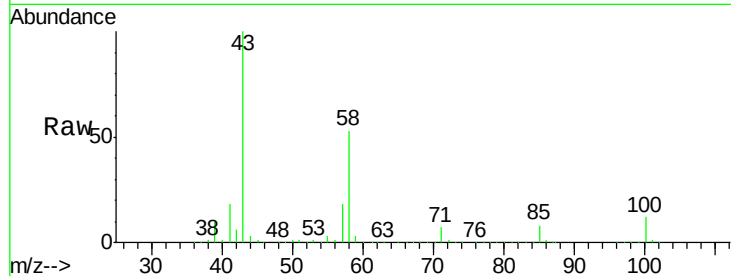




#59
2-Hexanone
Concen: 87.17 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

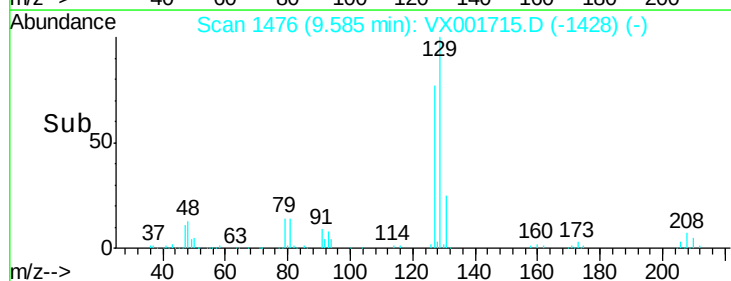
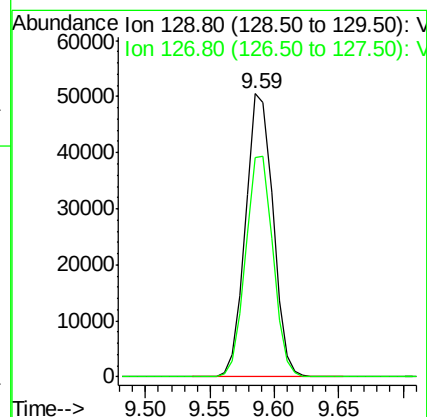
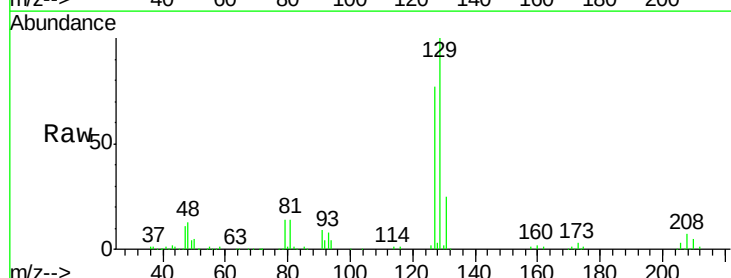
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

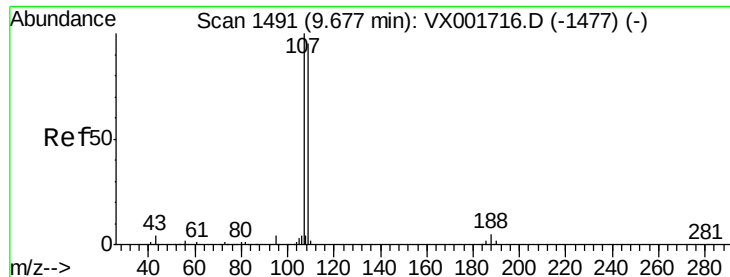
Tgt Ion: 43 Resp: 387325
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 18.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 129 Resp: 74246
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

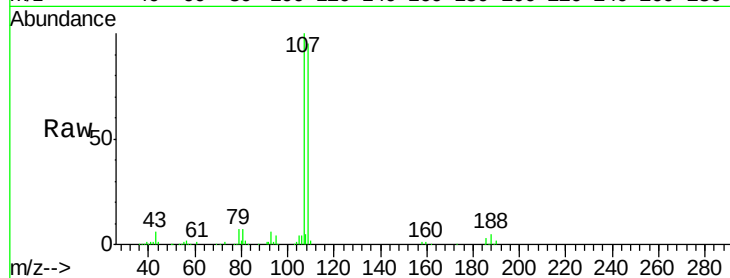
VSTDIC020

Tgt Ion: 107 Resp: 78458

Ion Ratio Lower Upper

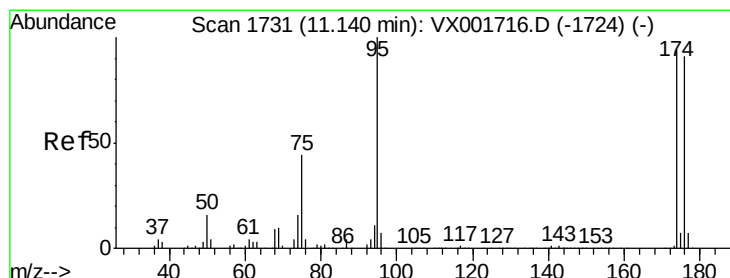
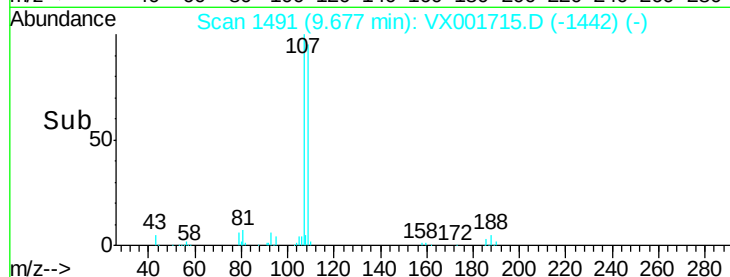
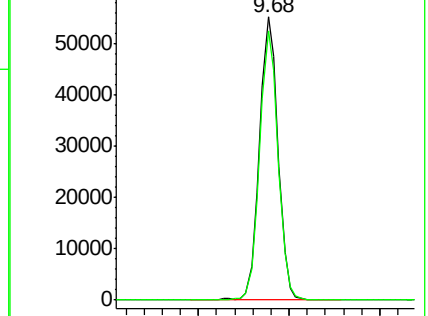
107 100

109 94.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

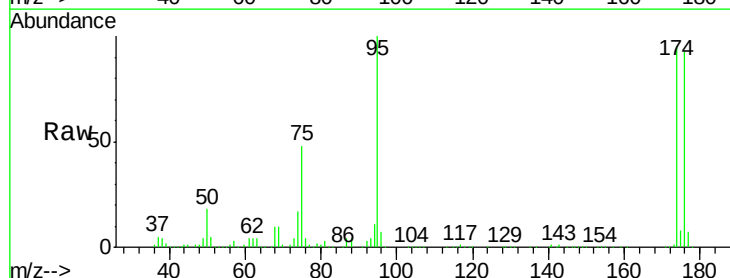
Tgt Ion: 95 Resp: 95930

Ion Ratio Lower Upper

95 100

174 101.7 0.0 201.8

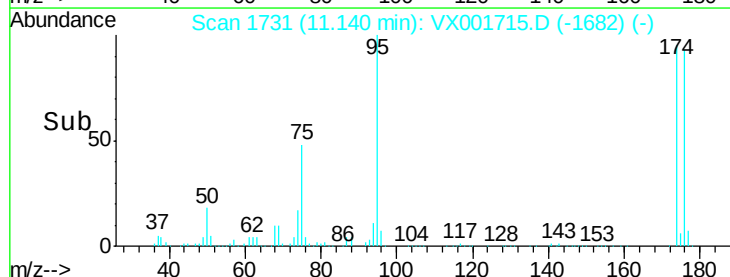
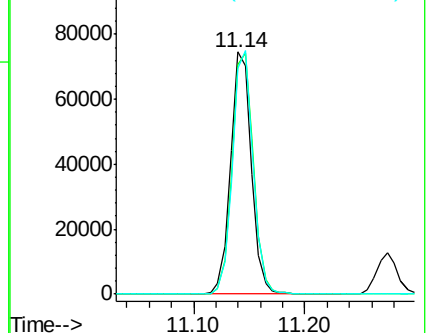
176 99.6 0.0 196.8

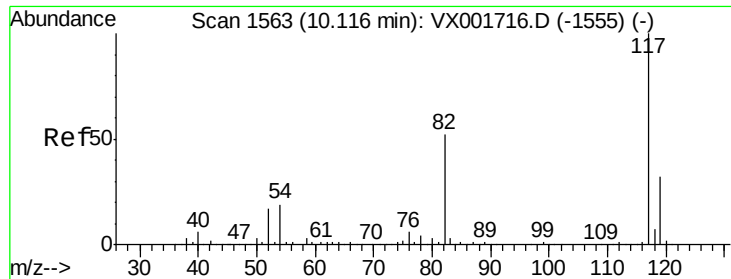


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

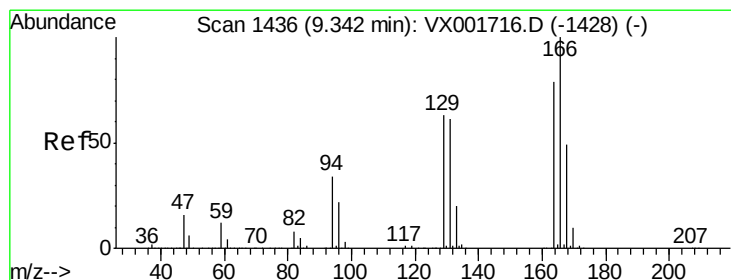
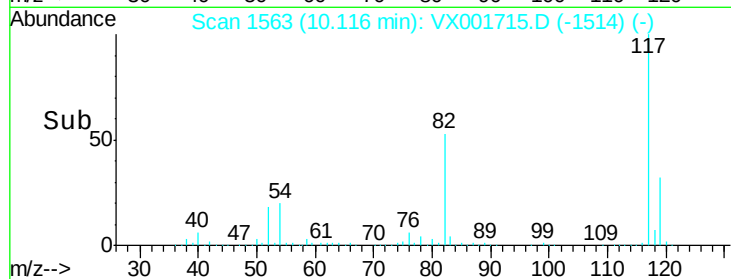
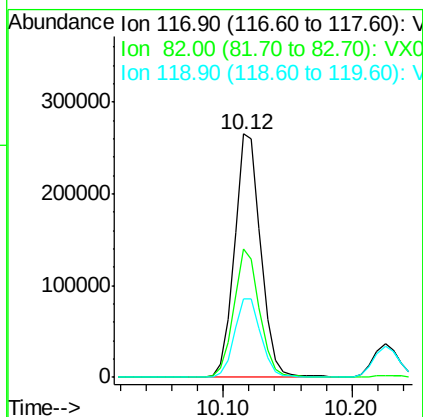
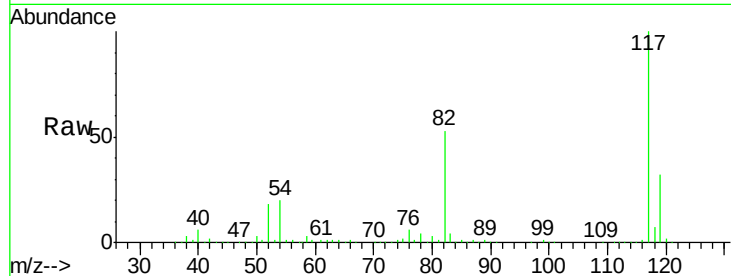




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

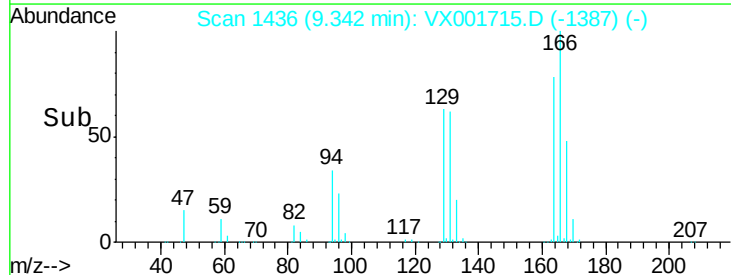
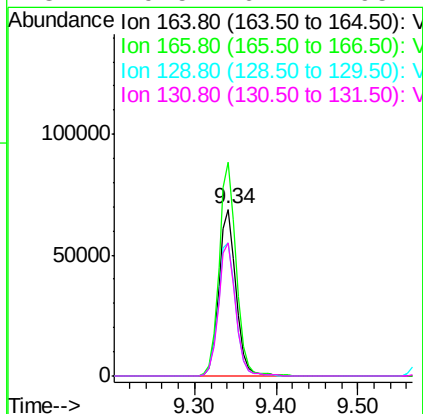
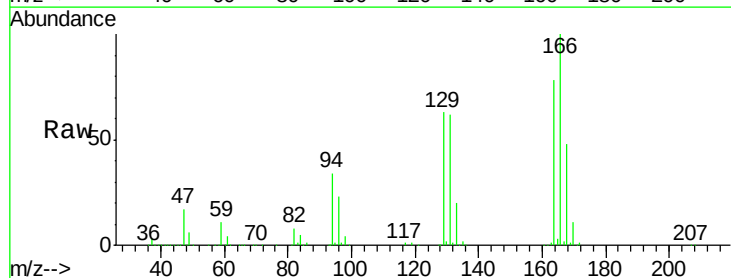
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

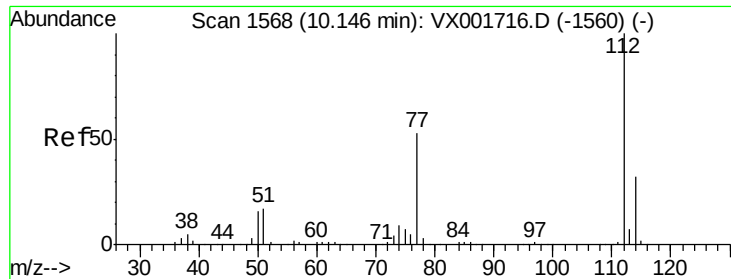
Tgt Ion:117 Resp: 375244
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 19.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion:164 Resp: 101401
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.8
129 80.1 63.8 95.6
131 79.5 62.2 93.2





#65

Chlorobenzene

Concen: 19.48 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

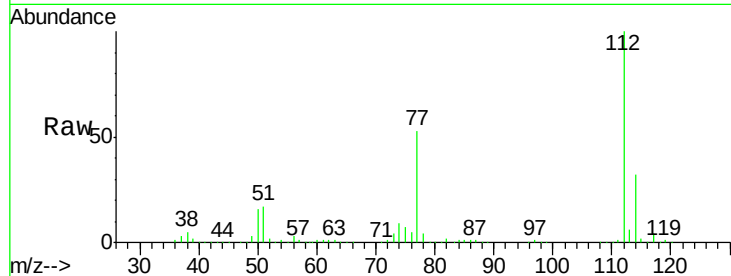
VSTDIC020

Tgt Ion:112 Resp: 211991

Ion Ratio Lower Upper

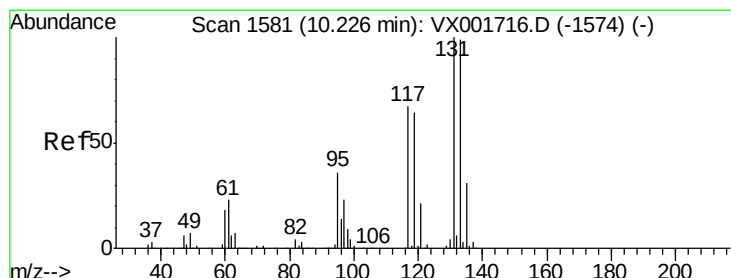
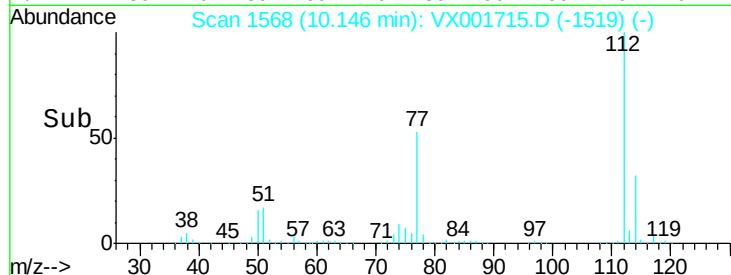
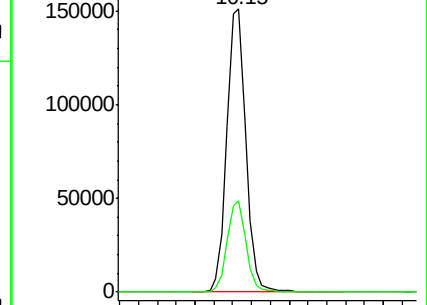
112 100

114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.79 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

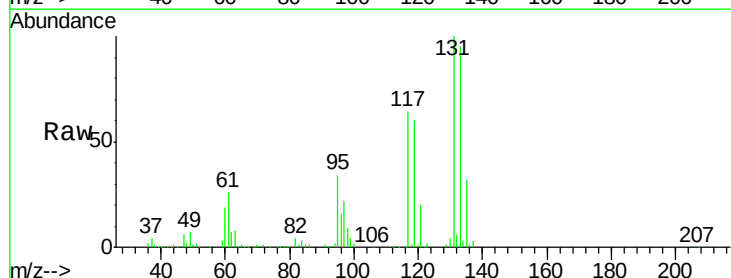
Tgt Ion:131 Resp: 76809

Ion Ratio Lower Upper

131 100

133 95.0 48.5 145.6

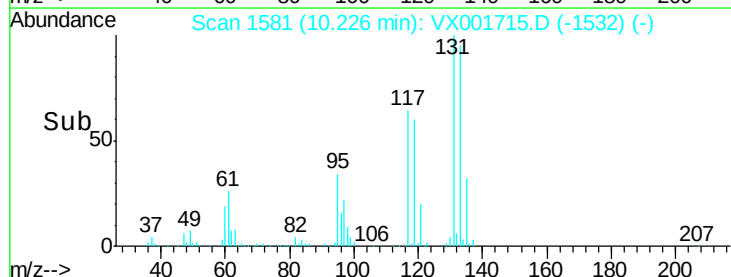
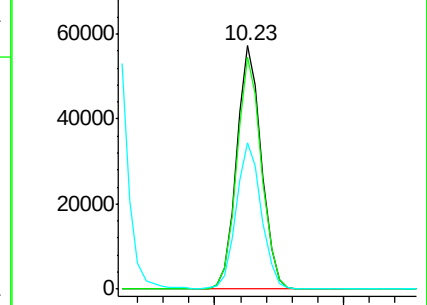
119 61.1 31.9 95.5

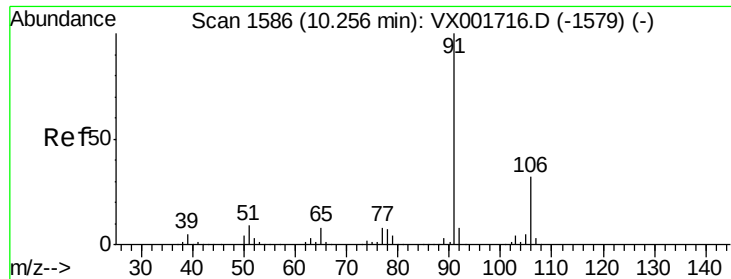


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.32 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

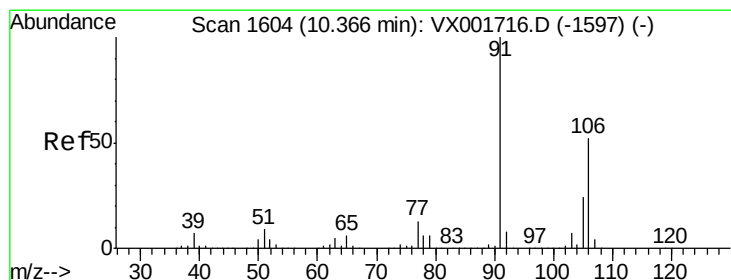
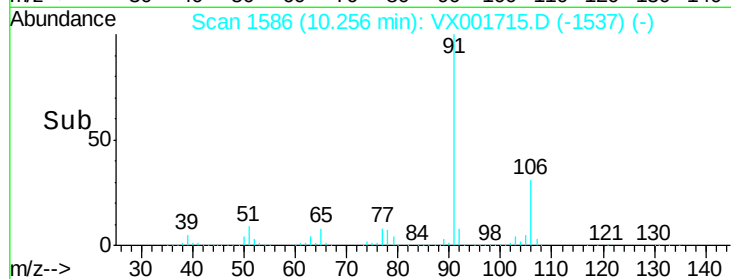
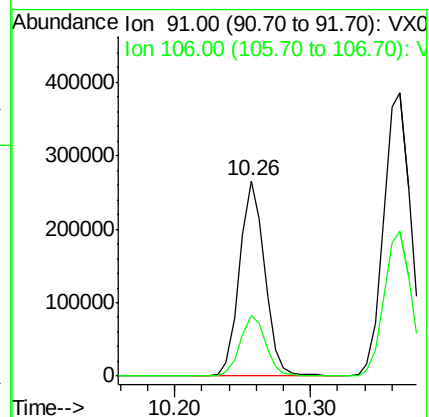
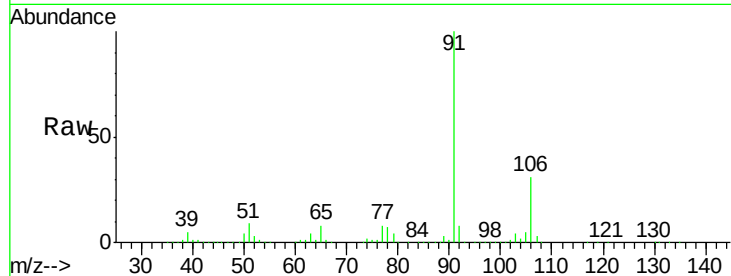
VSTDIC020

Tgt Ion: 91 Resp: 344259

Ion Ratio Lower Upper

91 100

106 31.0 25.7 38.5



#68

m/p-Xylenes

Concen: 39.08 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001715.D

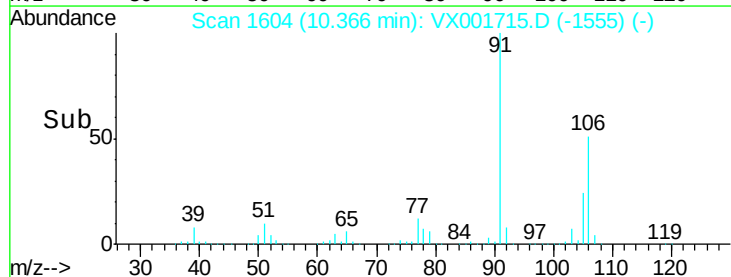
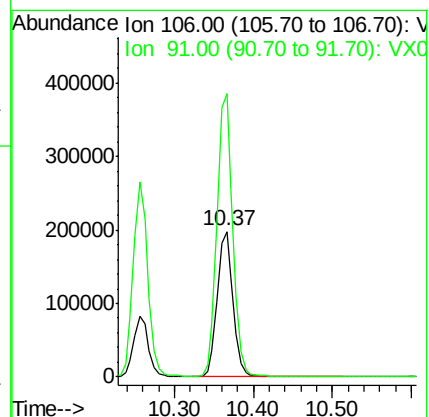
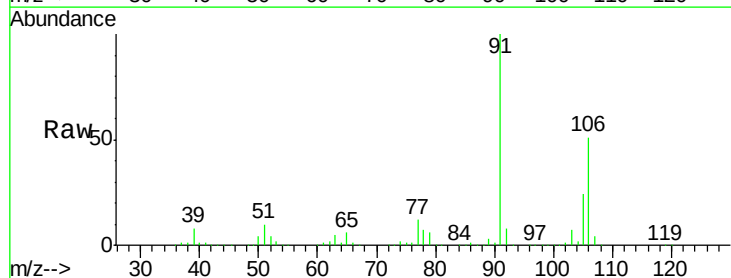
Acq: 14 May 2018 17:50

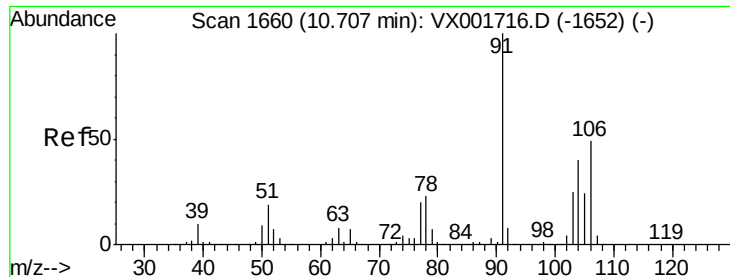
Tgt Ion: 106 Resp: 274842

Ion Ratio Lower Upper

106 100

91 195.7 155.4 233.2

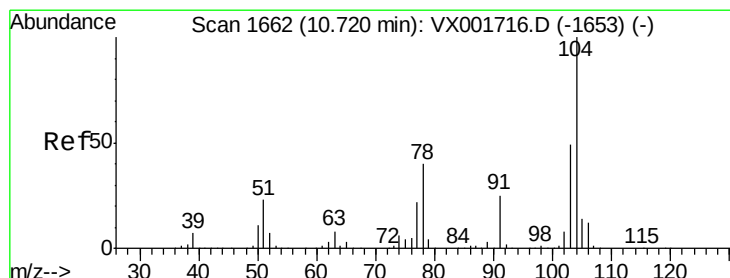
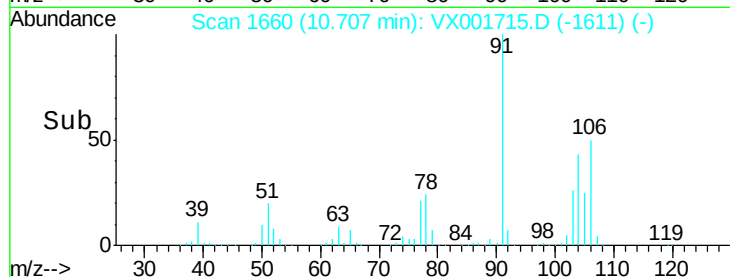
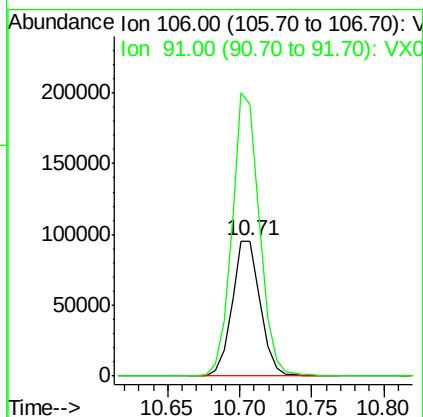
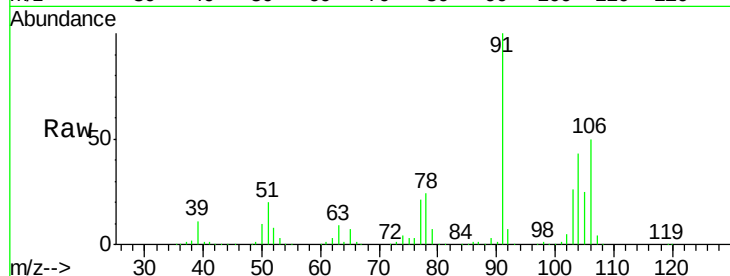




#69
o-Xylene
Concen: 19.21 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

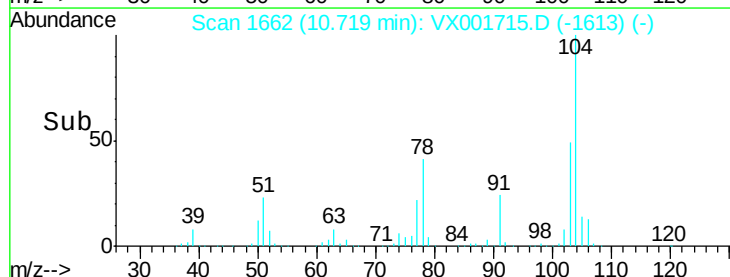
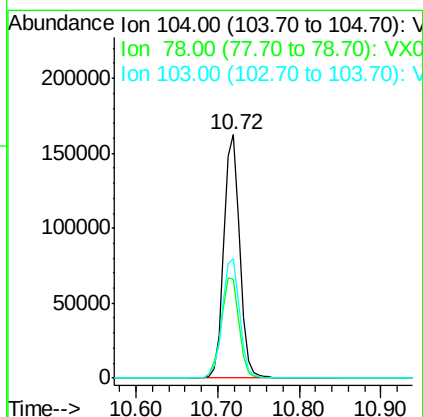
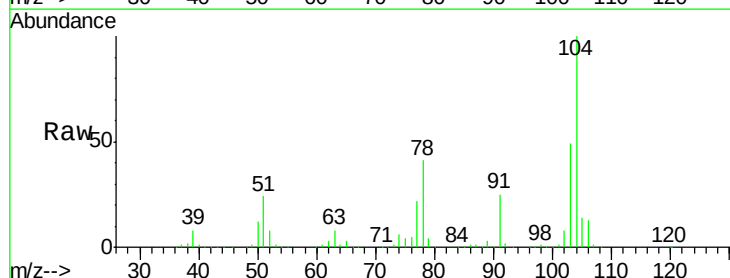
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

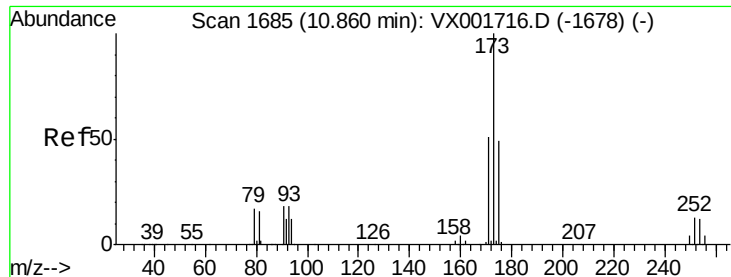
Tgt Ion:106 Resp: 130954
Ion Ratio Lower Upper
106 100
91 204.5 103.4 310.2



#70
Styrene
Concen: 19.76 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion:104 Resp: 219246
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 54.0 43.7 65.5





#71

Bromoform

Concen: 18.57 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

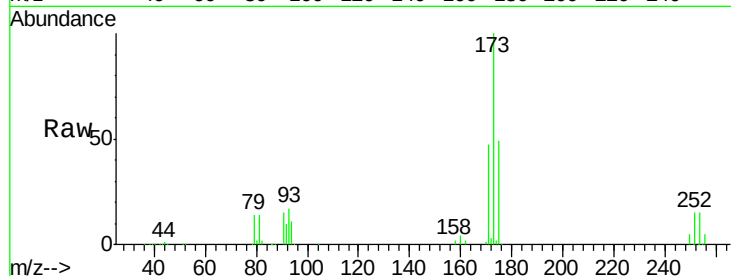
Tgt Ion:173 Resp: 58939

Ion Ratio Lower Upper

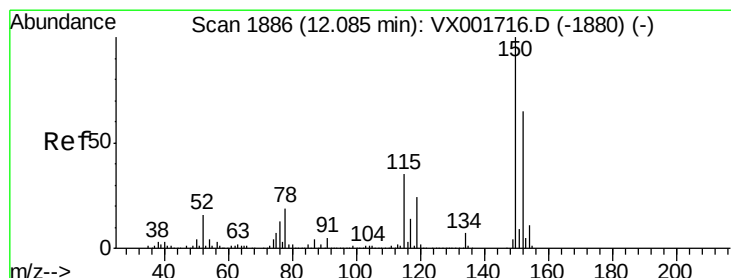
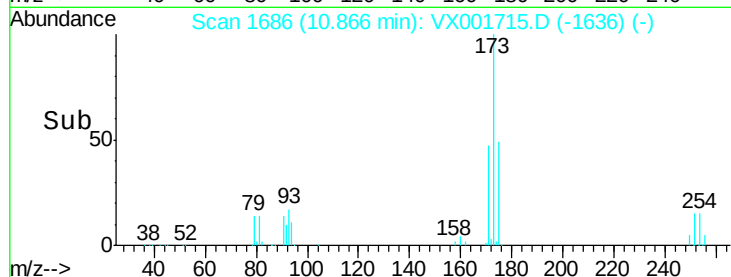
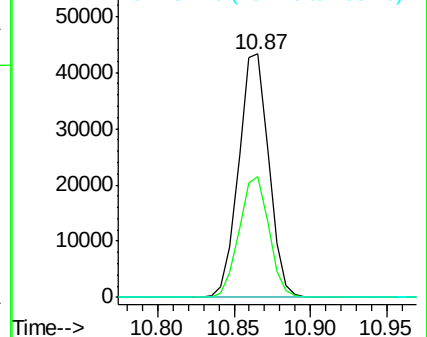
173 100

175 49.1 24.3 72.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

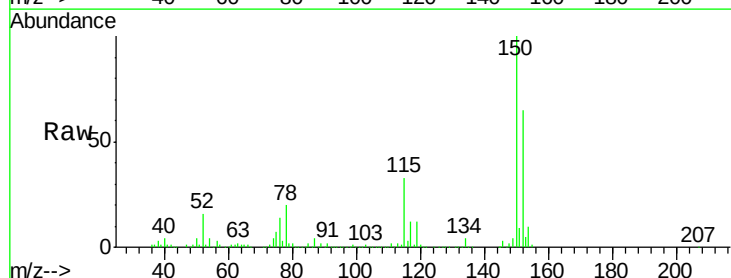
Tgt Ion:152 Resp: 252797

Ion Ratio Lower Upper

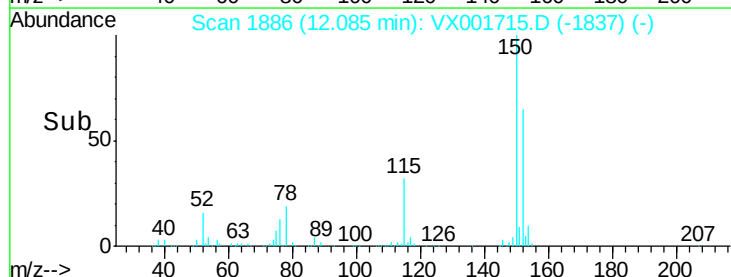
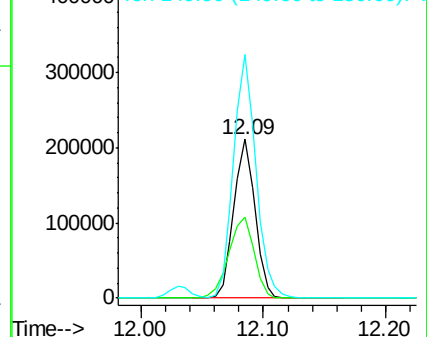
152 100

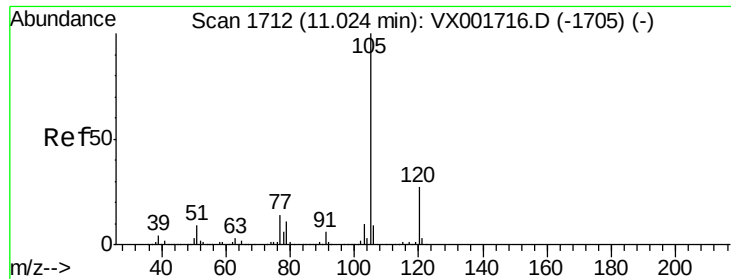
115 60.9 37.4 112.2

150 162.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

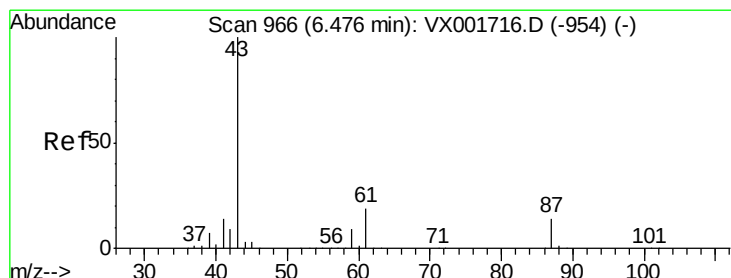
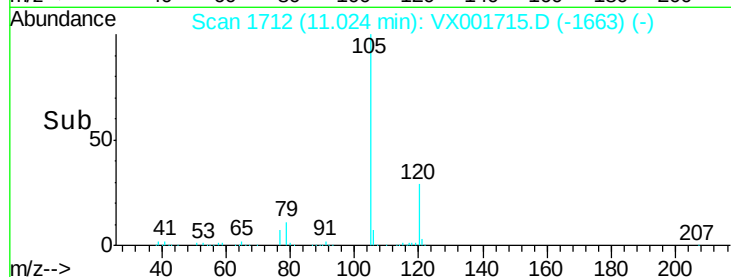
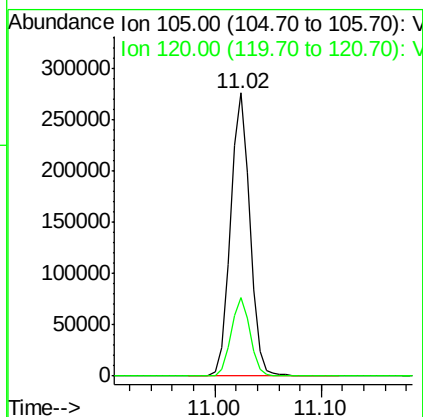
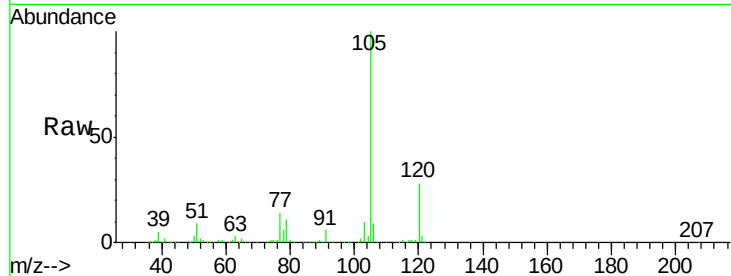




#73
Isopropylbenzene
Concen: 20.26 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

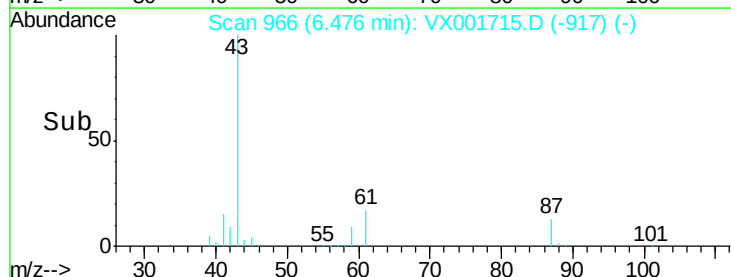
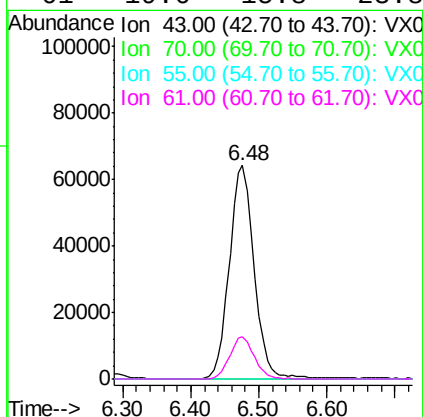
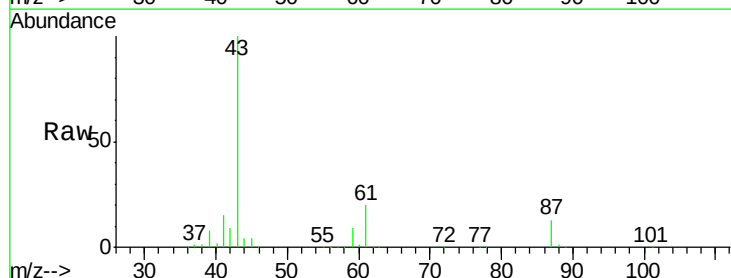
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

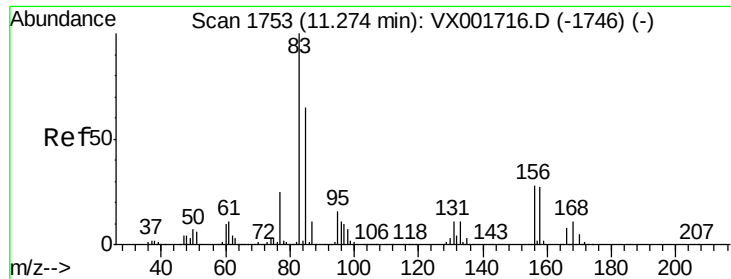
Tgt Ion: 105 Resp: 353753
Ion Ratio Lower Upper
105 100
120 27.4 13.8 41.3



#74
N-ethyl acetate
Concen: 20.20 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001715.D
Acq: 14 May 2018 17:50

Tgt Ion: 43 Resp: 161965
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1#
61 19.6 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.84 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

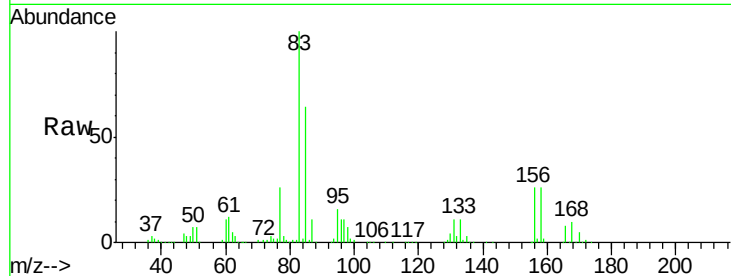
Tgt Ion: 83 Resp: 102243

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

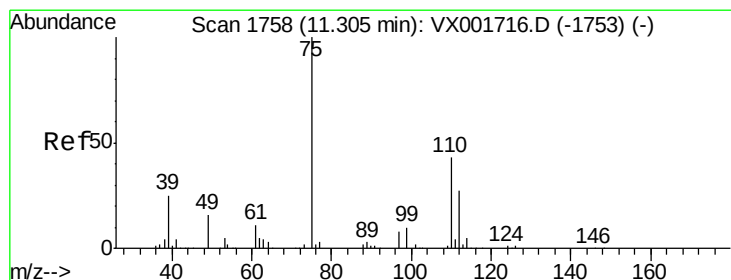
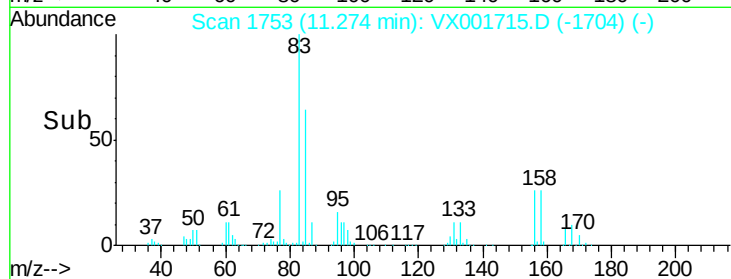
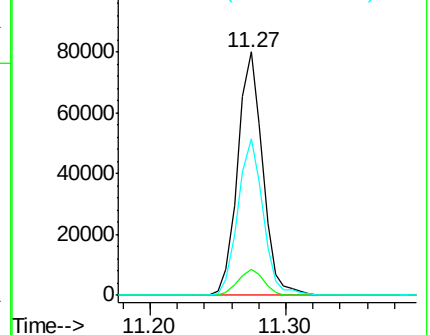
85 64.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.57 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001715.D

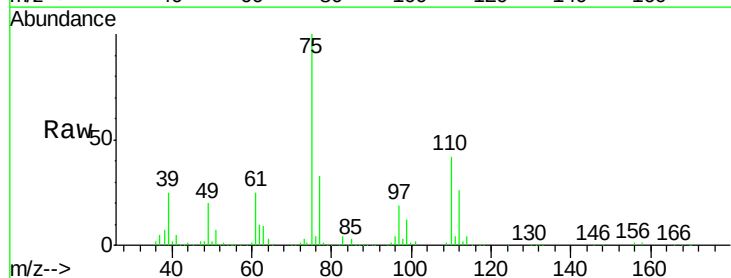
Acq: 14 May 2018 17:50

Tgt Ion: 75 Resp: 120851

Ion Ratio Lower Upper

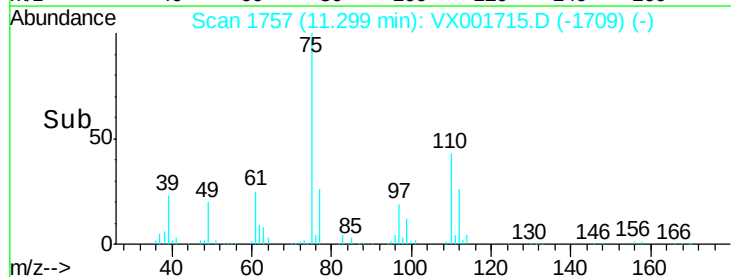
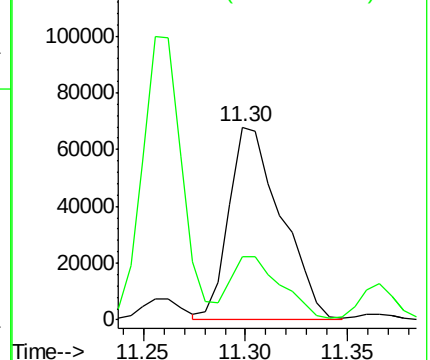
75 100

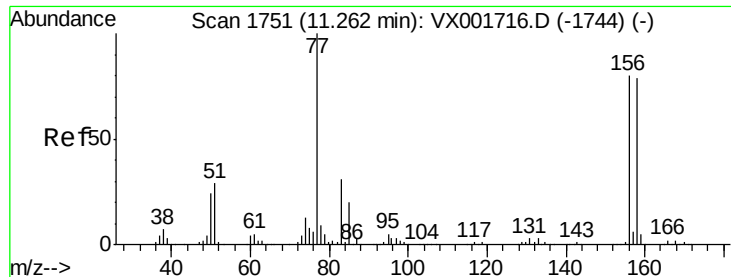
77 31.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.94 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

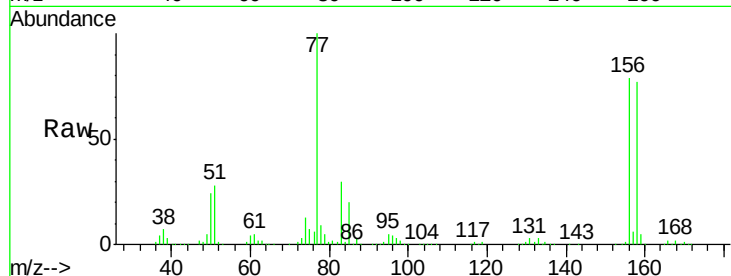
Tgt Ion:156 Resp: 101572

Ion Ratio Lower Upper

156 100

77 132.6 65.3 196.0

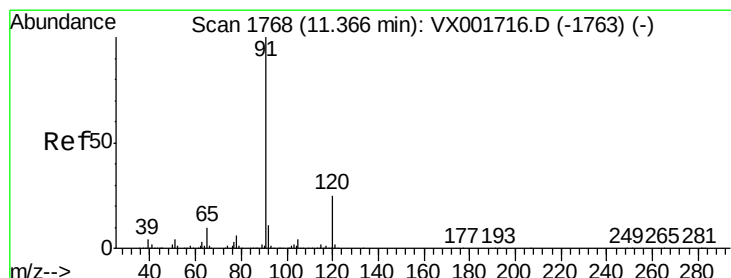
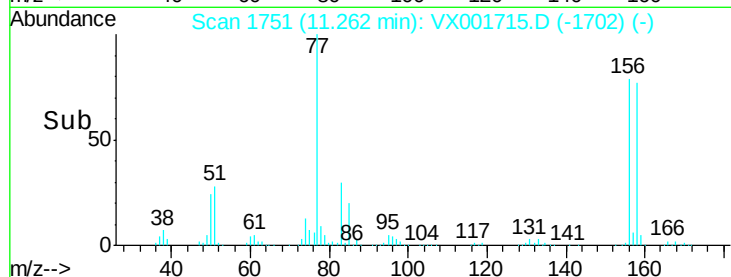
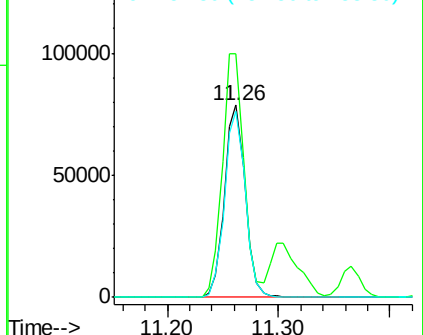
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001715.D

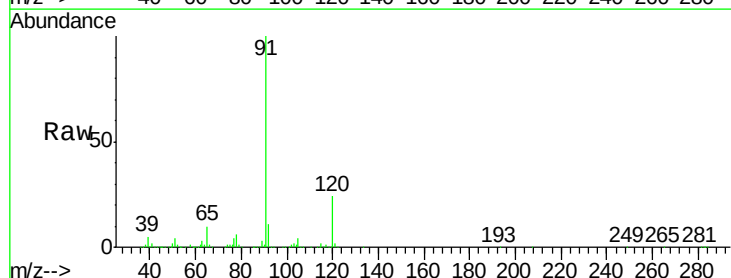
Acq: 14 May 2018 17:50

Tgt Ion: 91 Resp: 398135

Ion Ratio Lower Upper

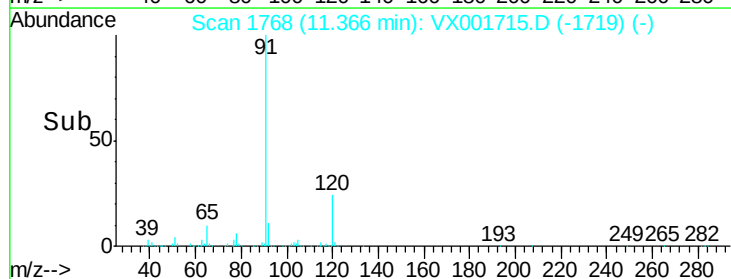
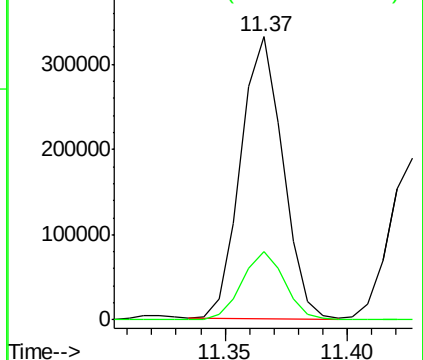
91 100

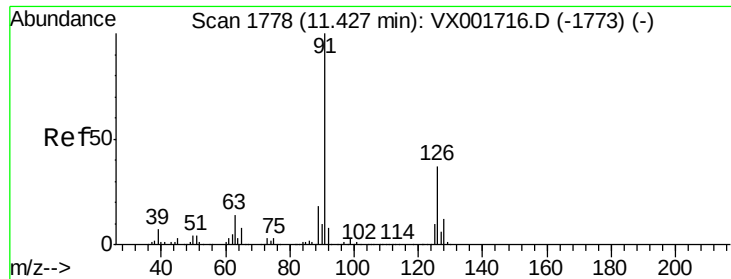
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

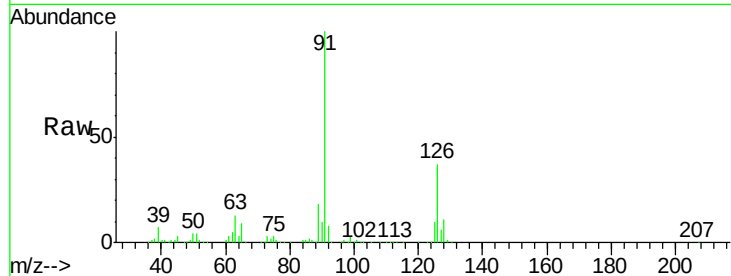
VSTDIC020

Tgt Ion: 91 Resp: 236529

Ion Ratio Lower Upper

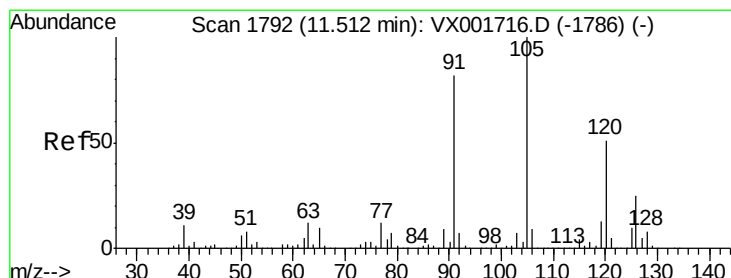
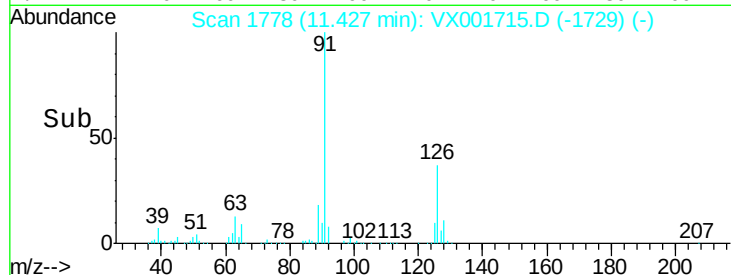
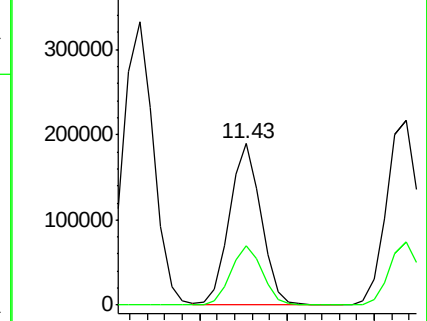
91 100

126 37.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001715.D

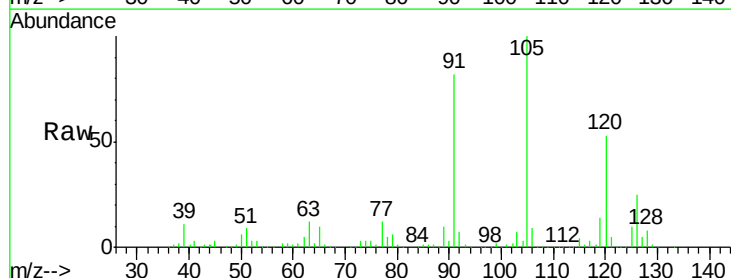
Acq: 14 May 2018 17:50

Tgt Ion: 105 Resp: 293957

Ion Ratio Lower Upper

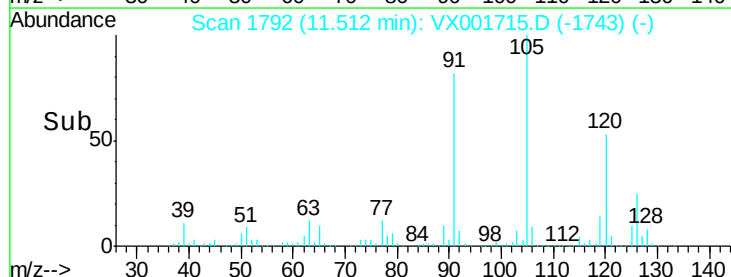
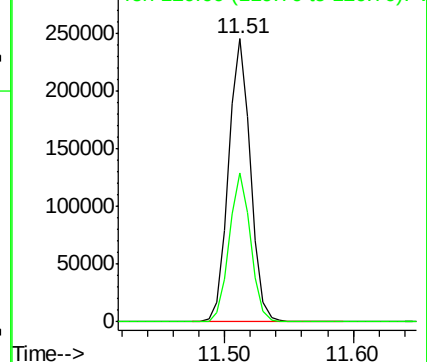
105 100

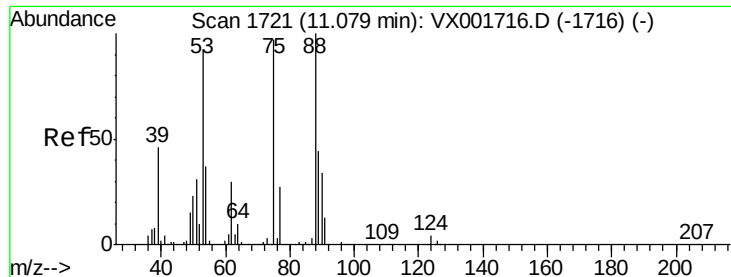
120 51.5 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.24 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

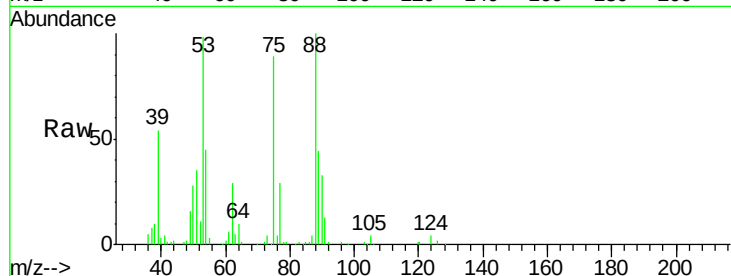
Tgt Ion: 75 Resp: 27368

Ion Ratio Lower Upper

75 100

53 109.8 79.4 119.2

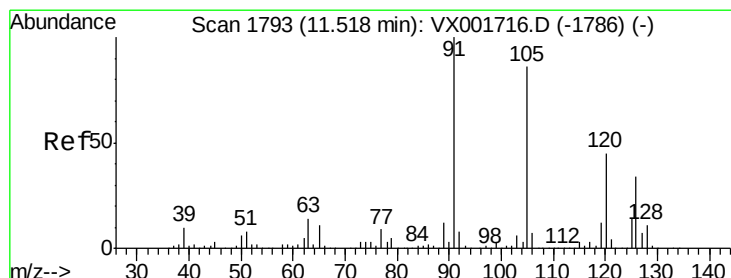
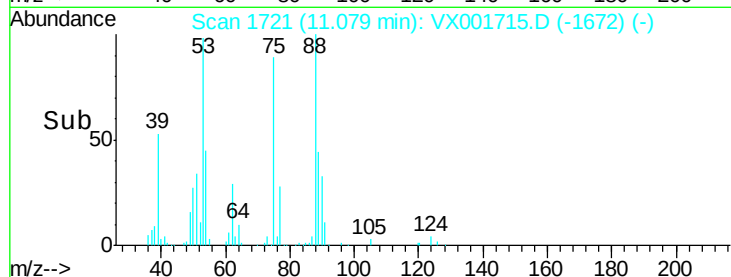
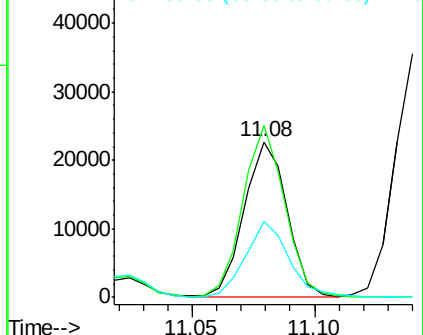
89 50.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.64 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001715.D

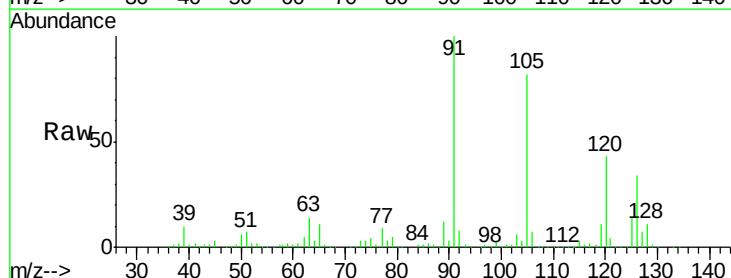
Acq: 14 May 2018 17:50

Tgt Ion: 91 Resp: 278387

Ion Ratio Lower Upper

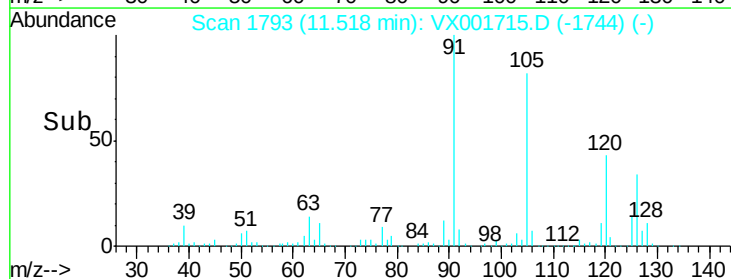
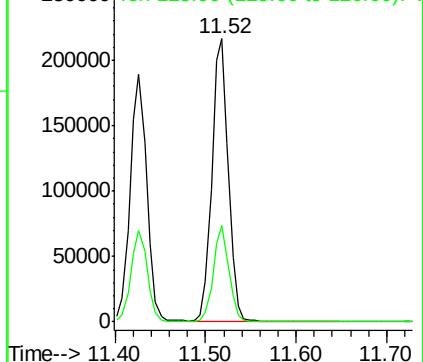
91 100

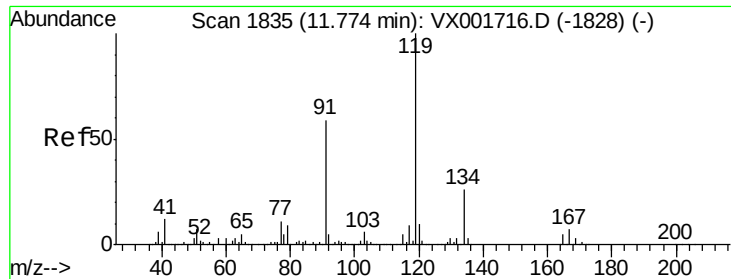
126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

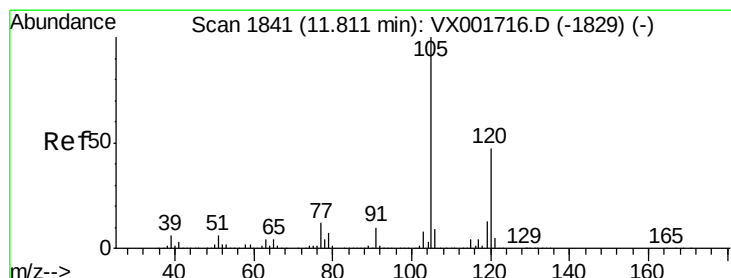
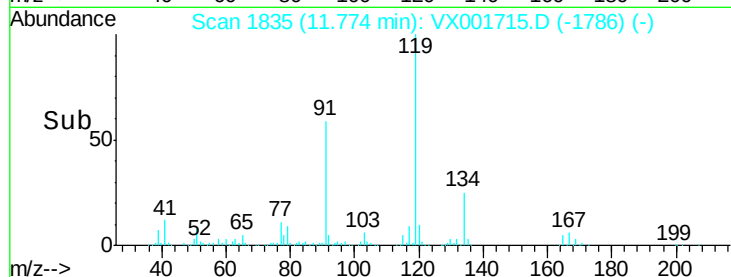
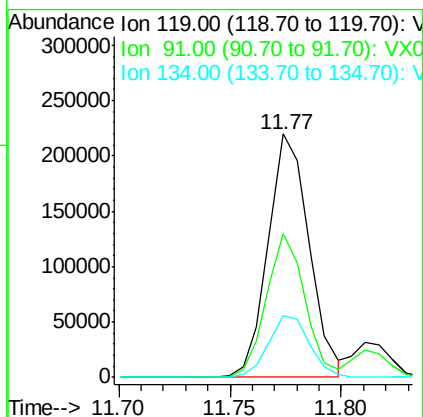
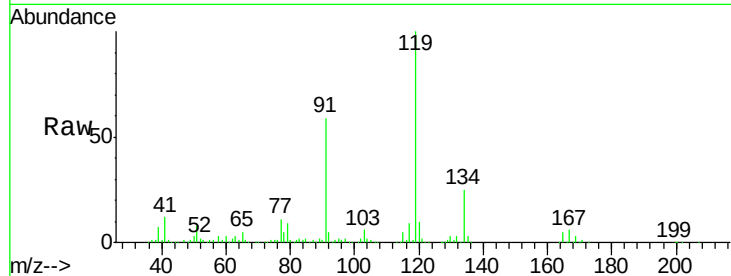




#83
 tert-Butylbenzene
 Concen: 19.58 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

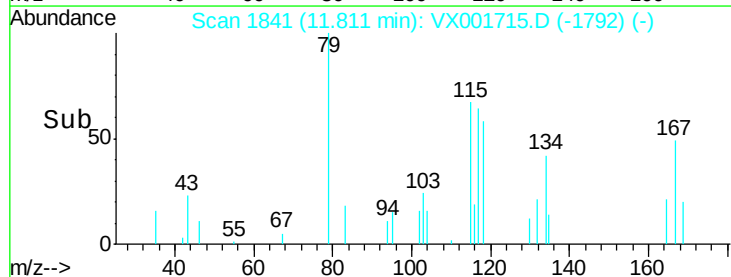
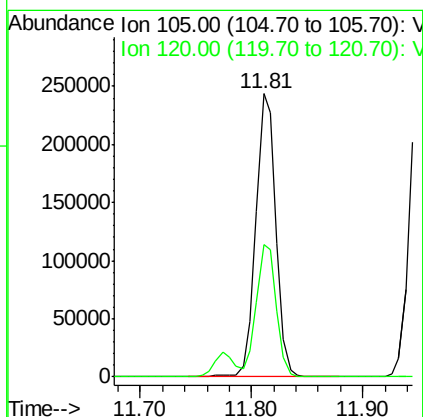
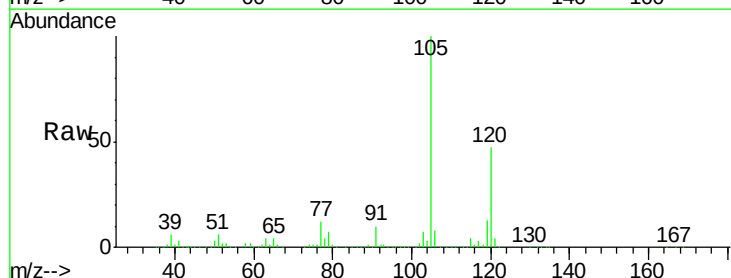
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

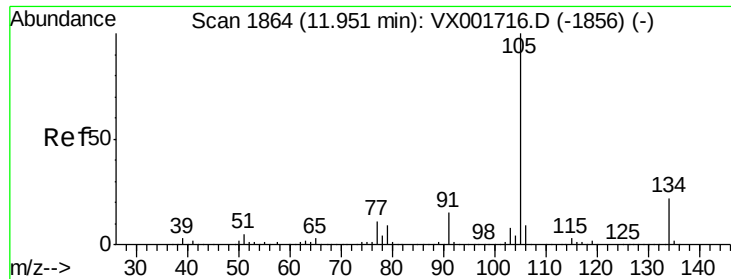
Tgt Ion:119 Resp: 281838
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.7 83.0
 134 25.5 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion:105 Resp: 305212
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.5 70.5





#85

sec-Butylbenzene

Concen: 20.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

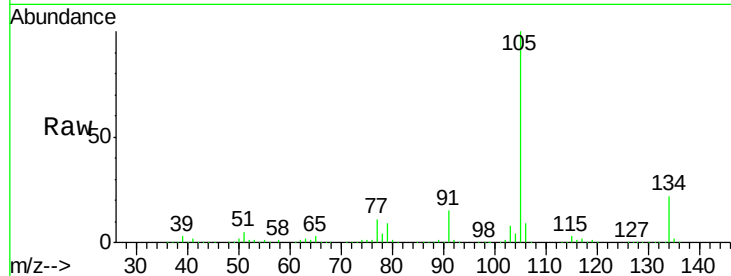
VSTDIC020

Tgt Ion:105 Resp: 355686

Ion Ratio Lower Upper

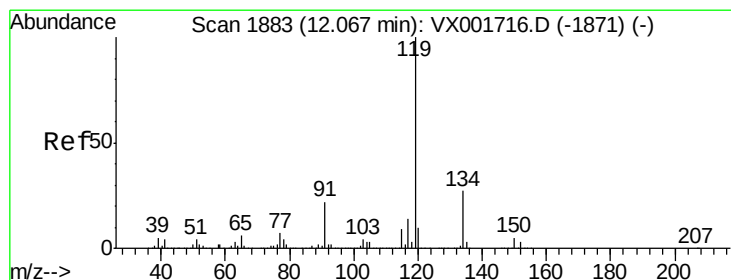
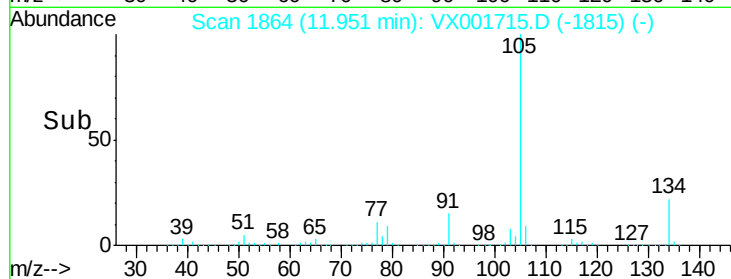
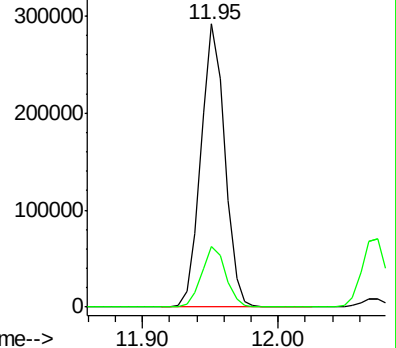
105 100

134 21.6 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.78 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

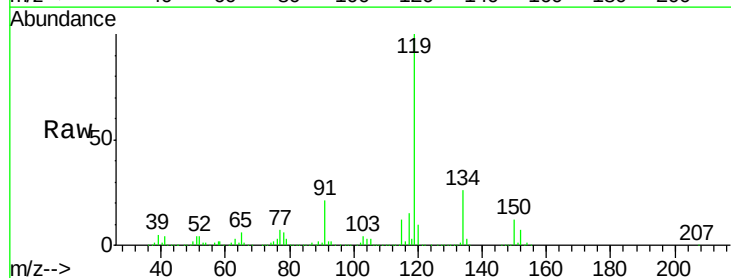
Tgt Ion:119 Resp: 330024

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

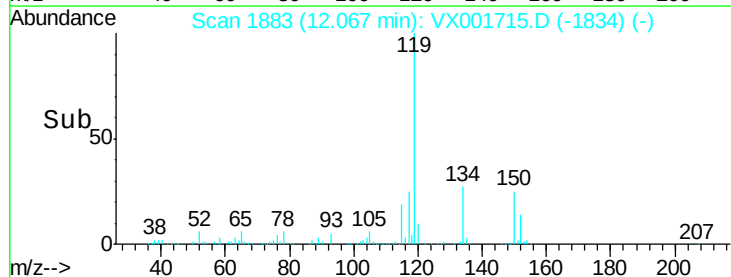
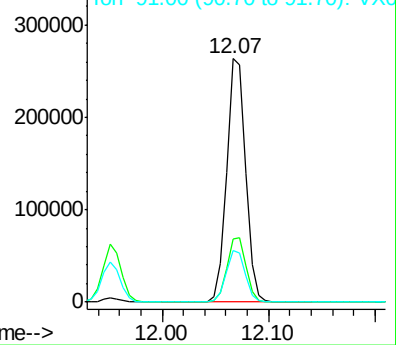
91 21.4 10.7 32.1

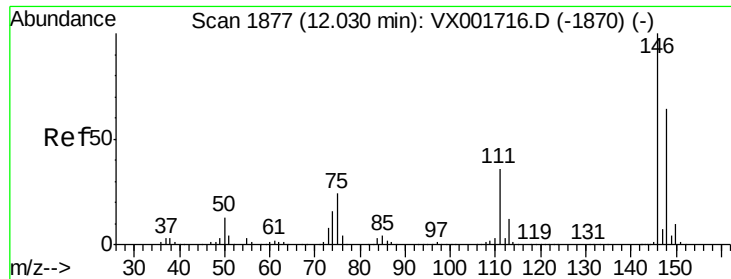


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

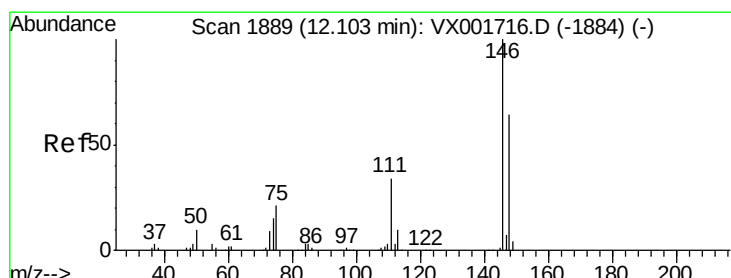
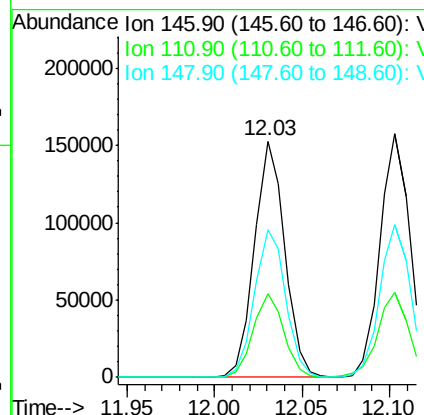
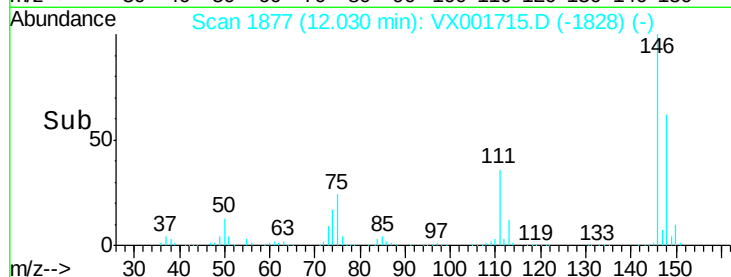
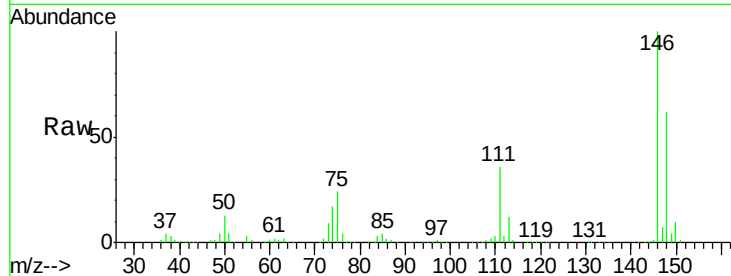




#87
 1,3-Dichlorobenzene
 Concen: 20.35 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

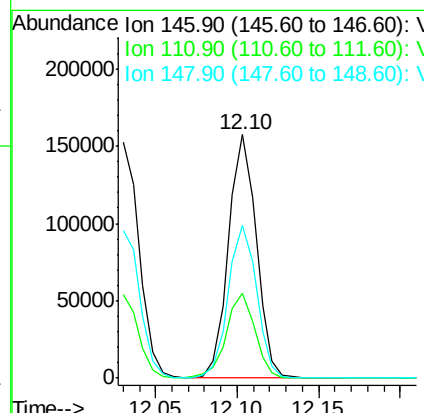
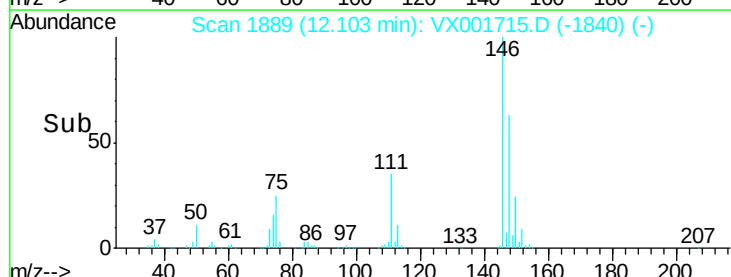
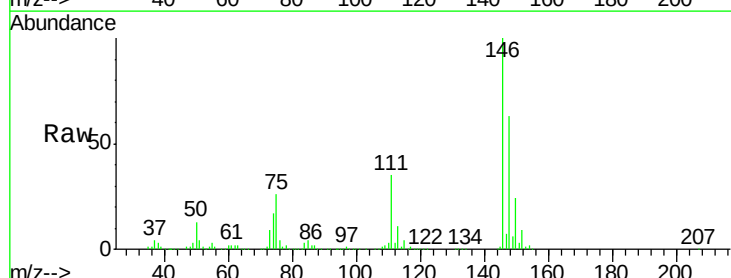
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

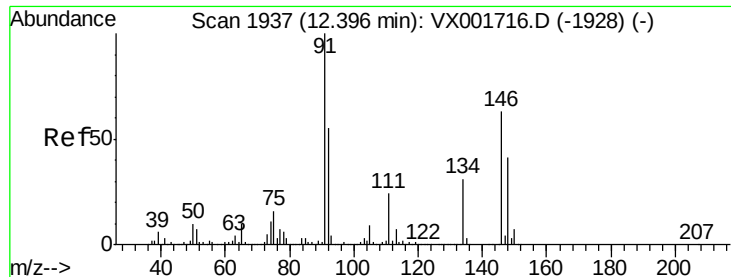
Tgt Ion:146 Resp: 184959
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.8 53.4
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion:146 Resp: 187526
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.3 52.0
 148 64.4 32.3 96.9





#89

n-Butylbenzene

Concen: 20.83 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

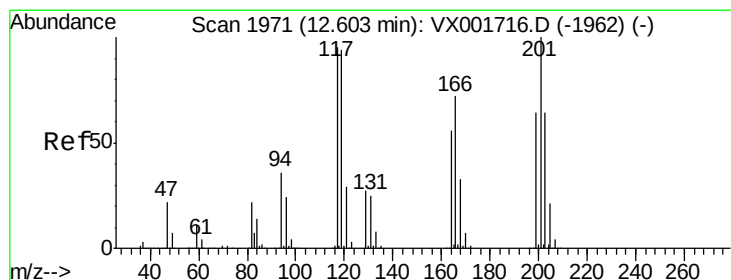
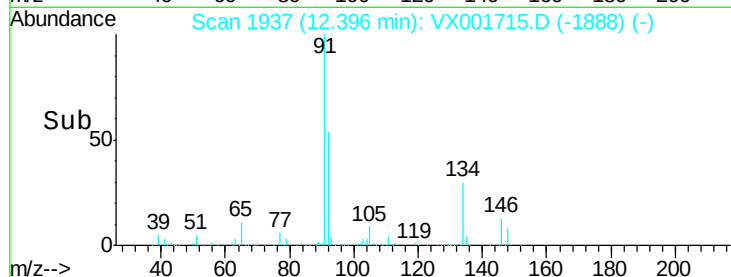
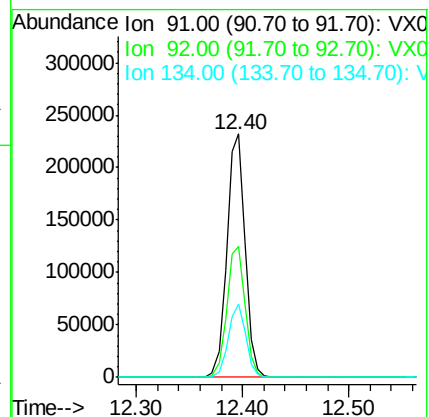
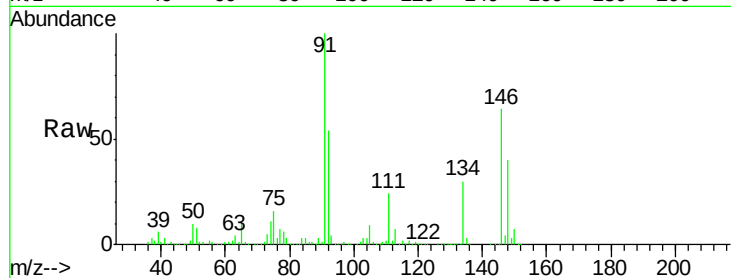
Tgt Ion: 91 Resp: 275974

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

134 29.1 14.7 44.1



#90

Hexachloroethane

Concen: 19.82 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001715.D

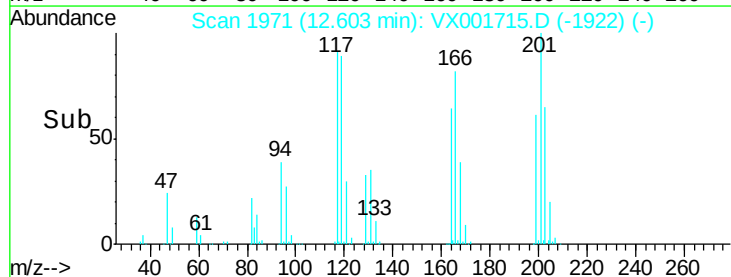
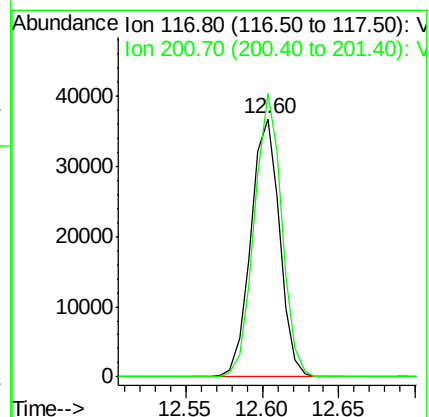
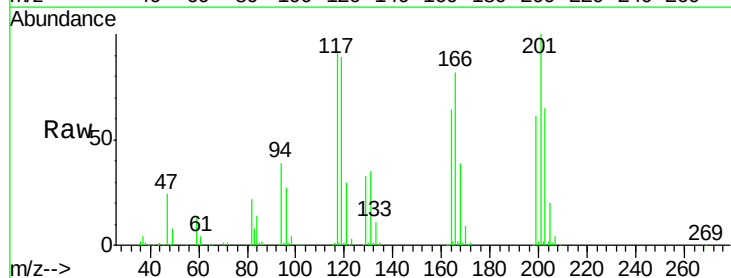
Acq: 14 May 2018 17:50

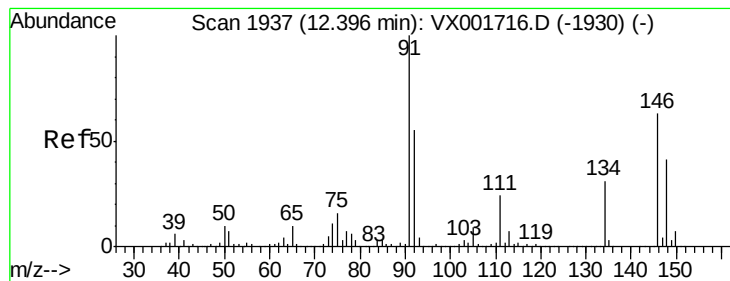
Tgt Ion: 117 Resp: 47925

Ion Ratio Lower Upper

117 100

201 105.0 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 19.99 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

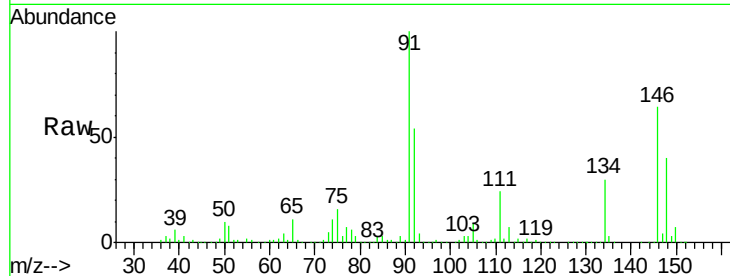
Tgt Ion:146 Resp: 184447

Ion Ratio Lower Upper

146 100

111 37.3 18.6 56.0

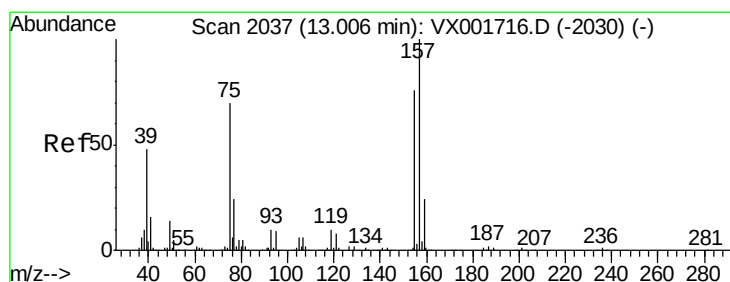
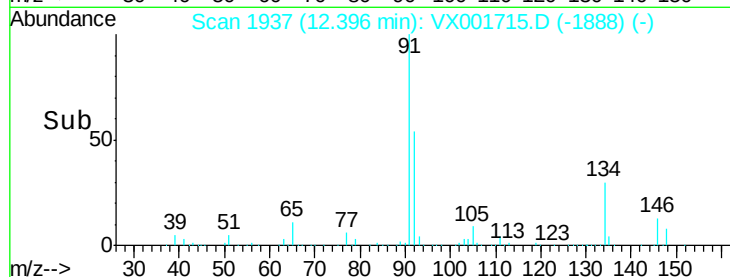
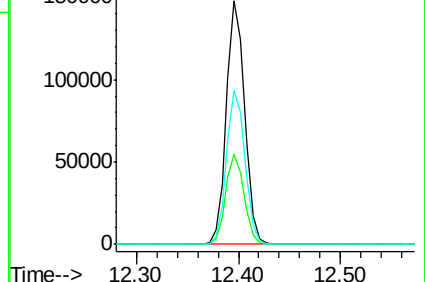
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.28 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

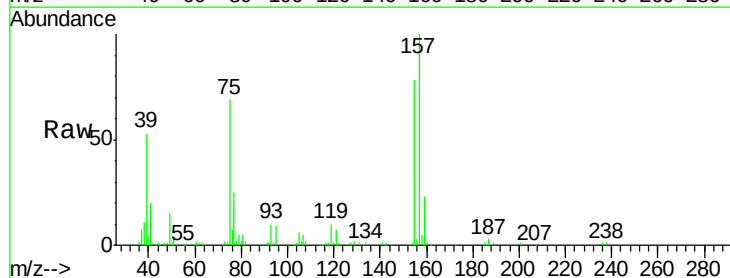
Tgt Ion: 75 Resp: 21742

Ion Ratio Lower Upper

75 100

155 109.0 53.9 161.8

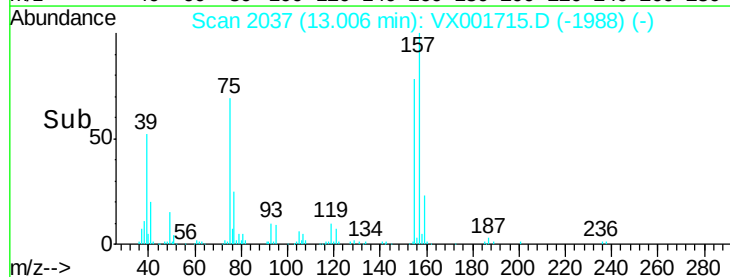
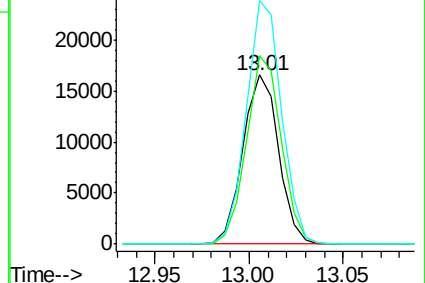
157 142.1 71.0 213.2

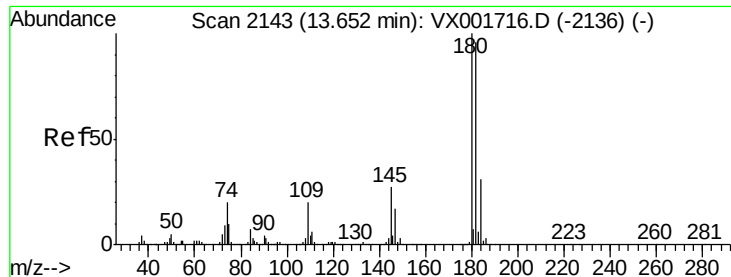


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

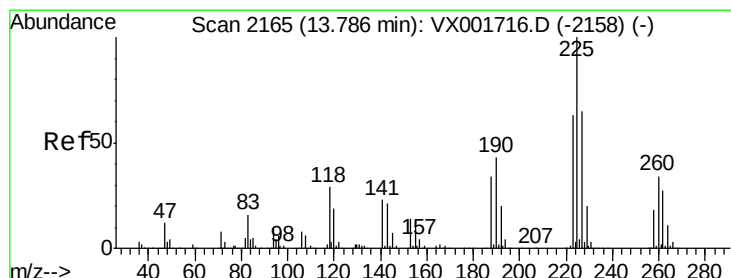
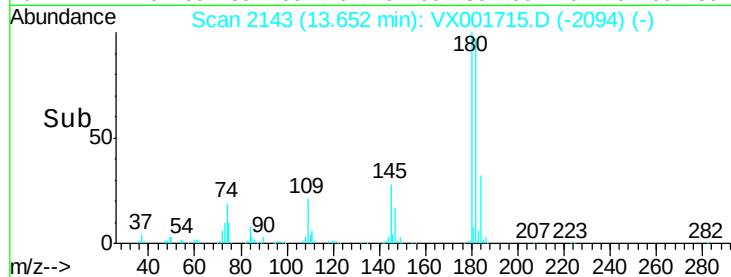
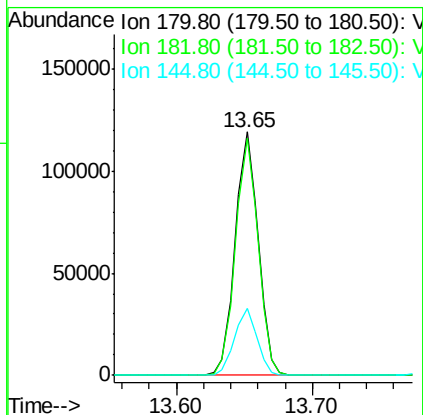
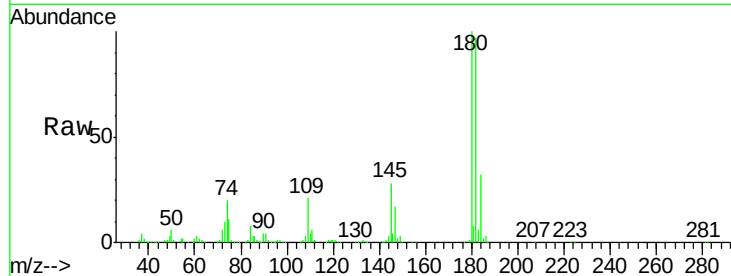




#93
 1,2,4-Trichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

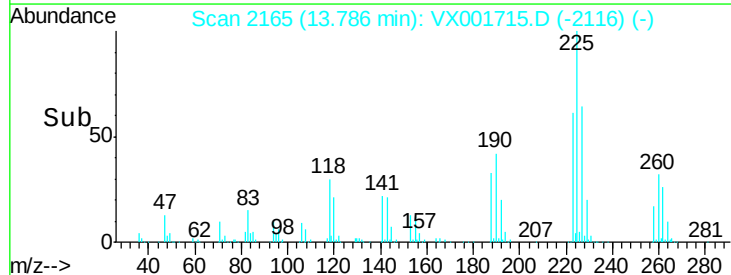
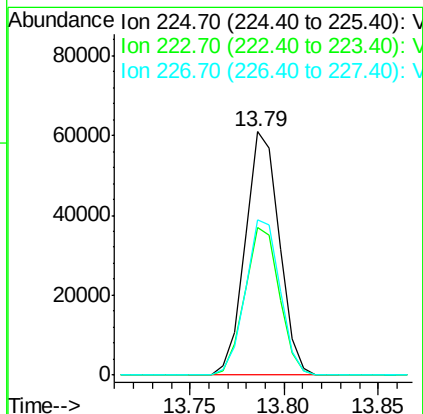
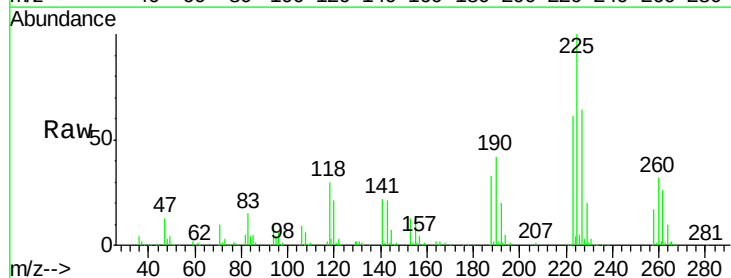
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

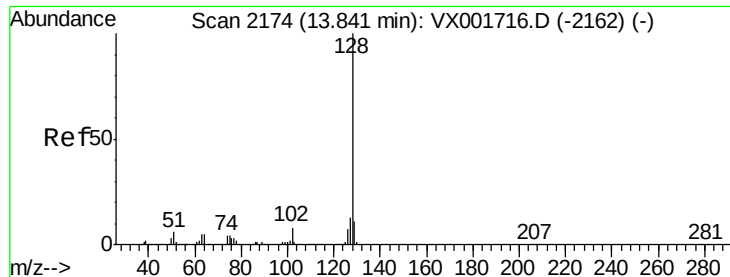
Tgt Ion:180 Resp: 140242
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 27.1 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 20.50 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001715.D
 Acq: 14 May 2018 17:50

Tgt Ion:225 Resp: 76543
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.5
 227 64.7 31.9 95.5





#95

Naphthalene

Concen: 20.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

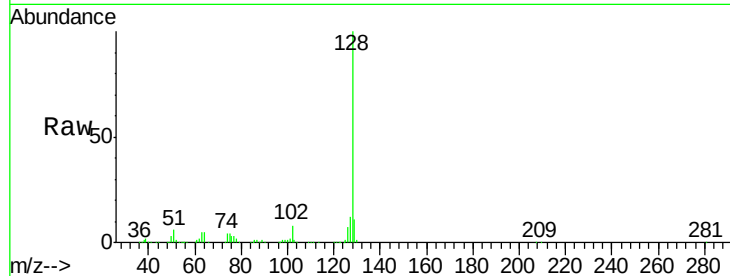
Tgt Ion:128 Resp: 385920

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

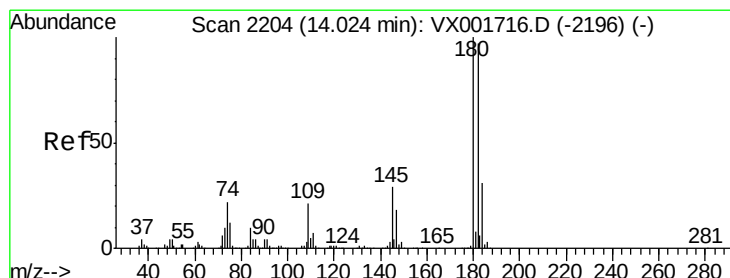
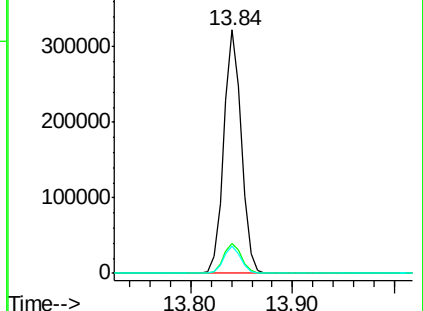
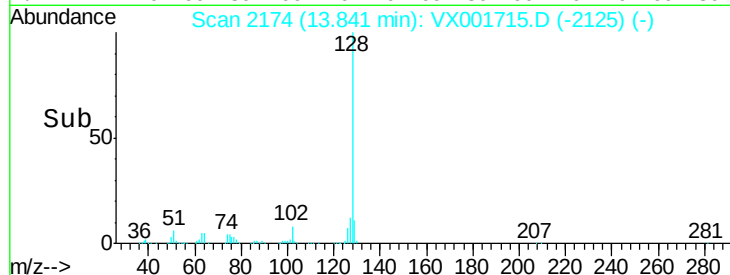
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.63 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001715.D

Acq: 14 May 2018 17:50

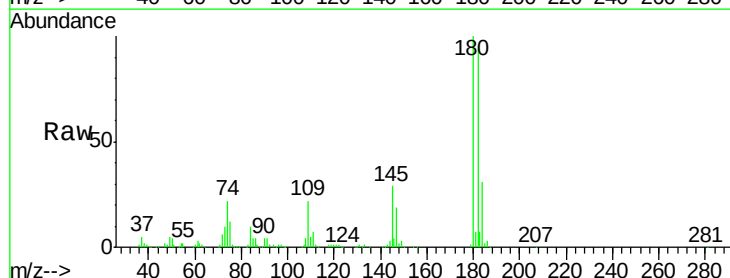
Tgt Ion:180 Resp: 143941

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 28.4 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

