

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
 Data File : VX000749.D
 Acq On : 10 Apr 2018 14:11
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 10 15:12:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65905	19.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.32%	
35) Dibromofluoromethane	5.51	113	54507	19.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.16%	
50) Toluene-d8	8.72	98	201050	19.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.82%	
62) 4-Bromofluorobenzene	11.14	95	82638	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65138	19.72	ug/l	100
3) Chloromethane	1.32	50	53410	19.24	ug/l	100
4) Vinyl Chloride	1.40	62	60110	19.25	ug/l	97
5) Bromomethane	1.65	94	31482	24.40	ug/l	96
6) Chloroethane	1.73	64	36653	20.25	ug/l	98
7) Trichlorofluoromethane	1.93	101	93718	20.01	ug/l	99
8) Diethyl Ether	2.19	74	33051	19.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55197	20.42	ug/l	99
10) Methyl Iodide	2.51	142	24352	12.87	ug/l	99
11) Tert butyl alcohol	3.06	59	61278	95.41	ug/l	99
12) 1,1-Dichloroethene	2.38	96	50412	19.58	ug/l	95
13) Acrolein	2.29	56	28405	92.15	ug/l	98
14) Allyl chloride	2.73	41	93432	19.58	ug/l	99
15) Acrylonitrile	3.15	53	127790	92.76	ug/l	99
16) Acetone	2.45	43	117009	95.25	ug/l	99
17) Carbon Disulfide	2.57	76	150493	19.65	ug/l	98
18) Methyl Acetate	2.78	43	59559	18.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	170427	19.53	ug/l	99
20) Methylene Chloride	2.86	84	53985	19.65	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	53656	19.21	ug/l	97
22) Diisopropyl ether	3.87	45	165724	18.77	ug/l	96
23) Vinyl Acetate	3.82	43	744480	96.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94959	19.43	ug/l	99
25) 2-Butanone	4.71	43	194984	93.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	96188	19.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63992	19.69	ug/l	99
28) Bromochloromethane	5.03	49	37956	19.83	ug/l	96
29) Tetrahydrofuran	5.17	42	122487	93.44	ug/l	100
30) Chloroform	5.22	83	104039	19.67	ug/l	99
31) Cyclohexane	5.58	56	91297	19.84	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	97612	19.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	78811	19.97	ug/l	99
37) Ethyl Acetate	4.86	43	77364	19.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	89839	19.86	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97093	20.61	ug/l	99
40) Benzene	6.15	78	224022	20.01	ug/l	99
41) Methacrylonitrile	5.06	41	44794	19.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85136	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	133725	19.74	ug/l	99
44) Trichloroethene	7.22	130	69447	19.98	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57746	19.94	ug/l	97
46) Dibromomethane	7.67	93	39480	19.86	ug/l	98
47) Bromodichloromethane	7.90	83	80345	19.65	ug/l	100
48) Methyl methacrylate	7.78	41	68355	19.31	ug/l	99
49) 1,4-Dioxane	7.76	88	27538	386.52	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	391425	96.63	ug/l	99
52) Toluene	8.79	92	147995	20.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96249	19.60	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	94035	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	57791	19.82	ug/l	99
56) Ethyl methacrylate	9.19	69	89341	19.41	ug/l	98
57) 1,3-Dichloropropane	9.38	76	94559	19.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223561	101.54	ug/l	100
59) 2-Hexanone	9.50	43	299910	95.50	ug/l	99
60) Dibromochloromethane	9.59	129	70316	19.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61479	19.35	ug/l	99
64) Tetrachloroethene	9.34	164	67605	20.14	ug/l	99
65) Chlorobenzene	10.15	112	172955	19.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65315	19.81	ug/l	99
67) Ethyl Benzene	10.26	91	290499	20.04	ug/l	100
68) m/p-Xylenes	10.37	106	228039	39.80	ug/l	98
69) o-Xylene	10.71	106	110141	19.78	ug/l	100
70) Styrene	10.72	104	184228	19.61	ug/l	99
71) Bromoform	10.87	173	59546	18.73	ug/l #	100
73) Isopropylbenzene	11.02	105	302085	19.94	ug/l	100
74) N-amyl acetate	6.47	43	133725	19.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84118	19.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	102484	24.60	ug/l	85
77) Bromobenzene	11.26	156	85464	19.54	ug/l	98
78) n-propylbenzene	11.37	91	346138	20.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	199294	19.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258893	19.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27979	18.48	ug/l	96
82) 4-Chlorotoluene	11.52	91	244261	20.16	ug/l	99
83) tert-Butylbenzene	11.77	119	266894	19.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266258	19.99	ug/l	99
85) sec-Butylbenzene	11.95	105	314528	20.08	ug/l	99
86) p-Isopropyltoluene	12.07	119	293991	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	159292	19.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	162722	19.79	ug/l	99
89) n-Butylbenzene	12.40	91	258386	20.09	ug/l	99
90) Hexachloroethane	12.60	117	48625	19.11	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	153618	19.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20897	19.11	ug/l	96

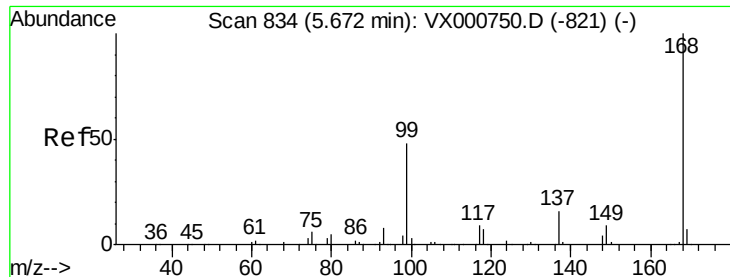
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130878	19.55	ug/l	98
94) Hexachlorobutadiene	13.79	225	64515	19.71	ug/l	98
95) Naphthalene	13.84	128	335597	19.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	128895	19.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

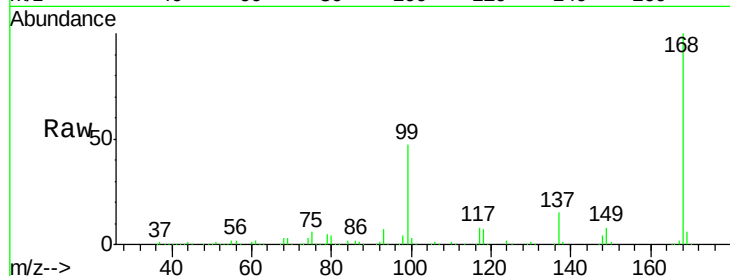
VSTDIC020

Tgt Ion:168 Resp: 282689

Ion Ratio Lower Upper

168 100

99 47.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

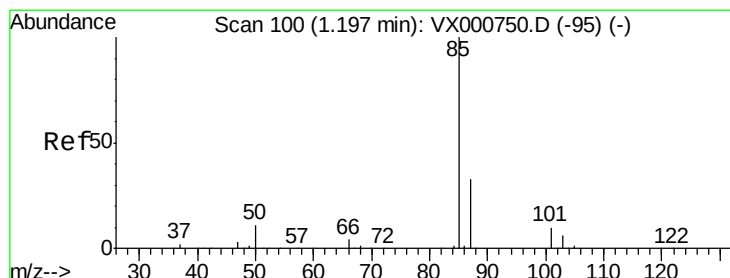
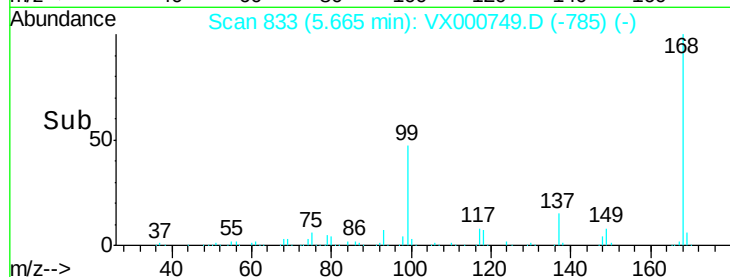
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 19.72 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000749.D

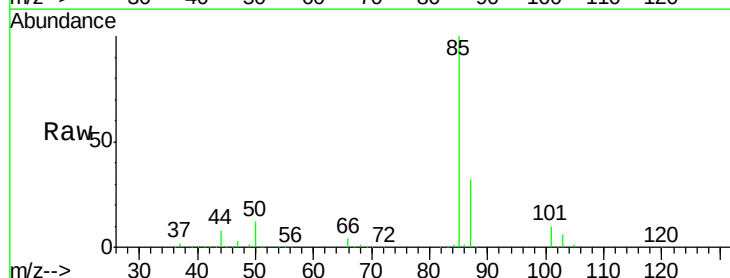
Acq: 10 Apr 2018 14:11

Tgt Ion: 85 Resp: 65138

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

40000

20000

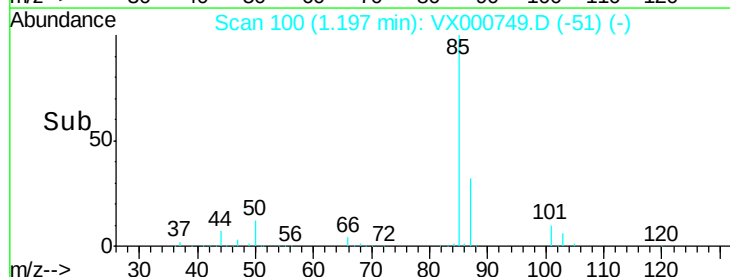
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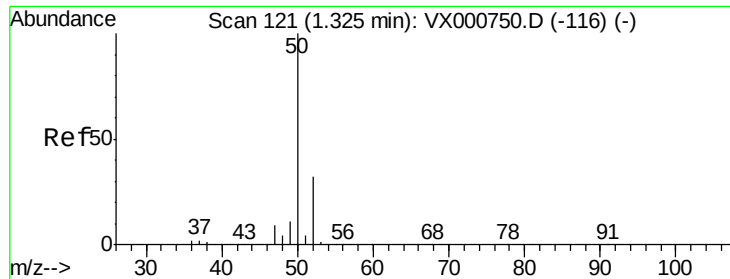
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 19.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

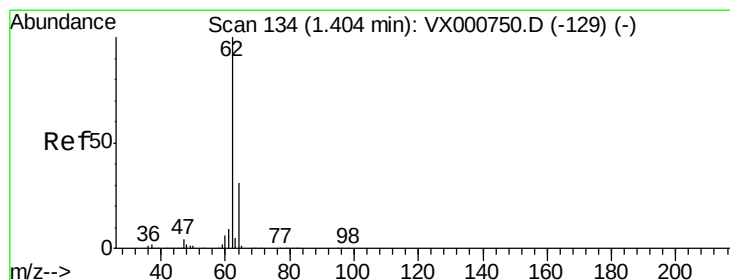
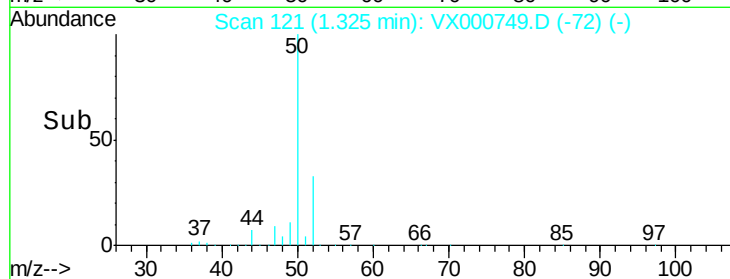
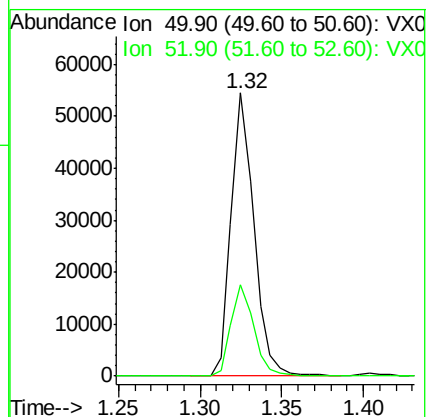
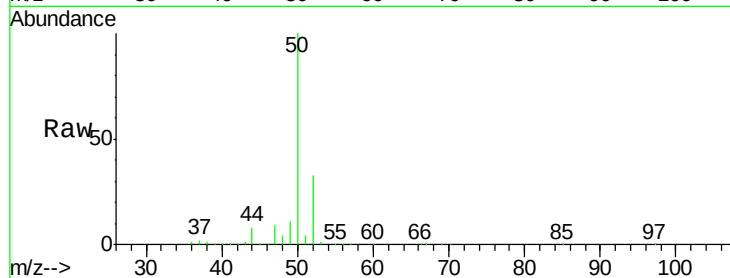
VSTDIC020

Tgt Ion: 50 Resp: 53410

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



#4

Vinyl Chloride

Concen: 19.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000749.D

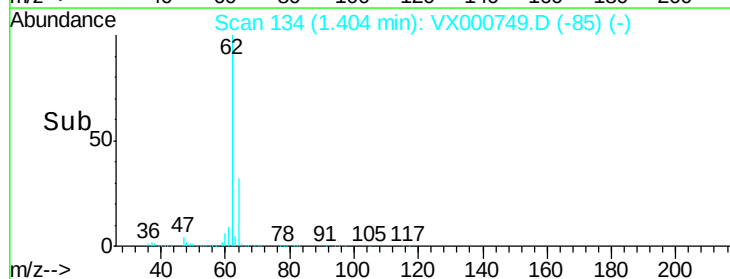
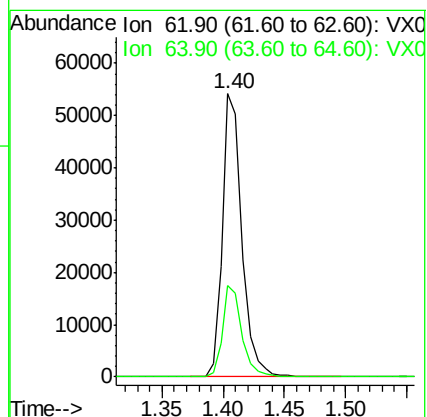
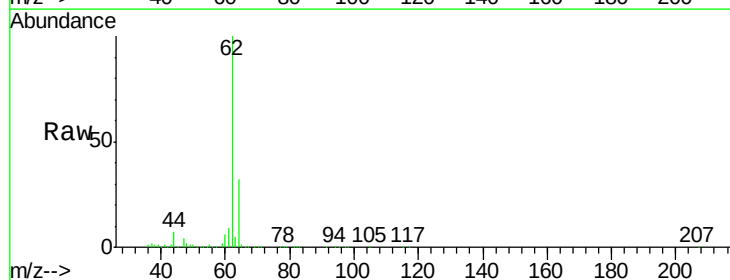
Acq: 10 Apr 2018 14:11

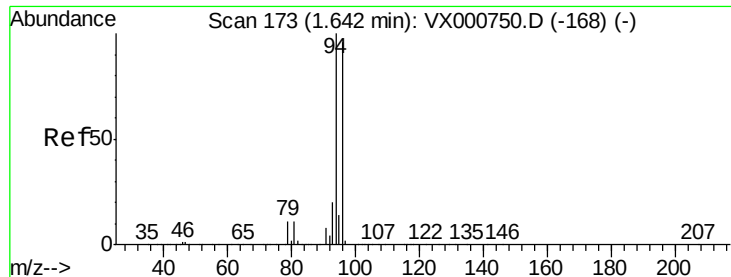
Tgt Ion: 62 Resp: 60110

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 24.40 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

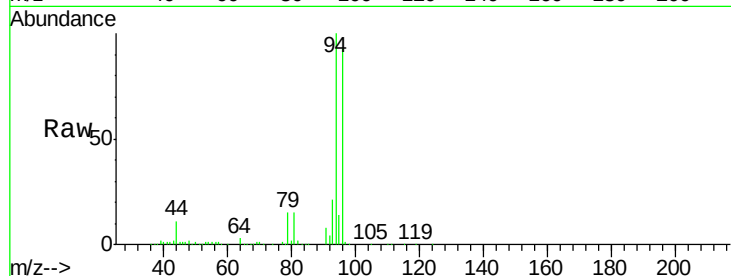
VSTDIC020

Tgt Ion: 94 Resp: 31482

Ion Ratio Lower Upper

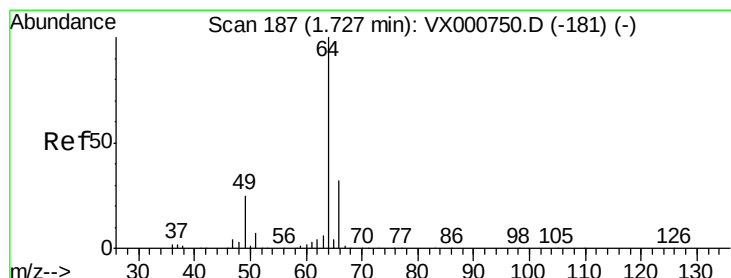
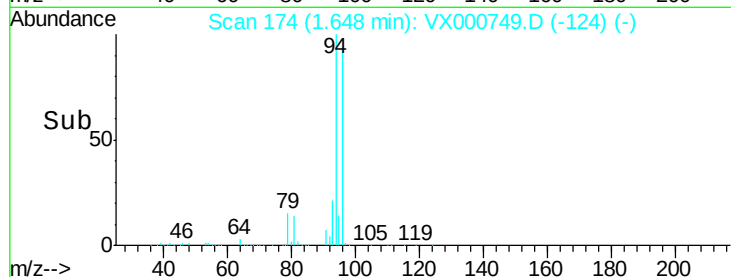
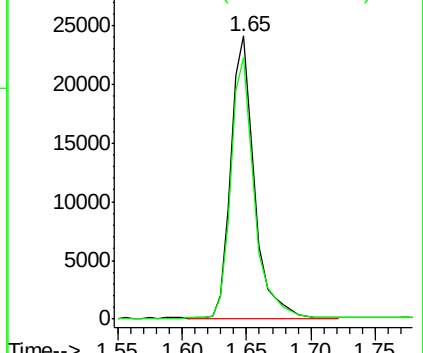
94 100

96 92.2 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.25 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000749.D

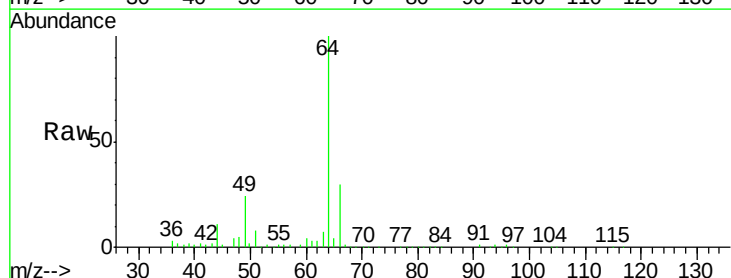
Acq: 10 Apr 2018 14:11

Tgt Ion: 64 Resp: 36653

Ion Ratio Lower Upper

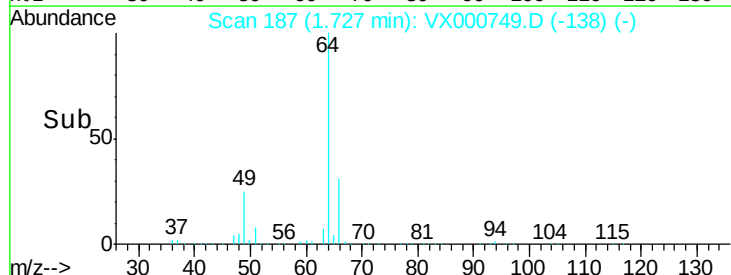
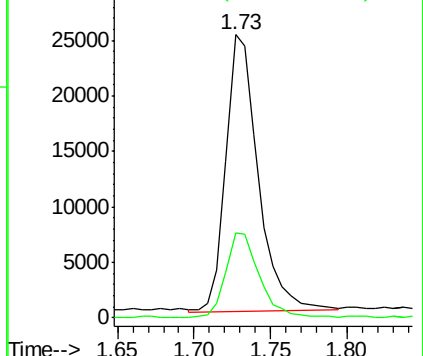
64 100

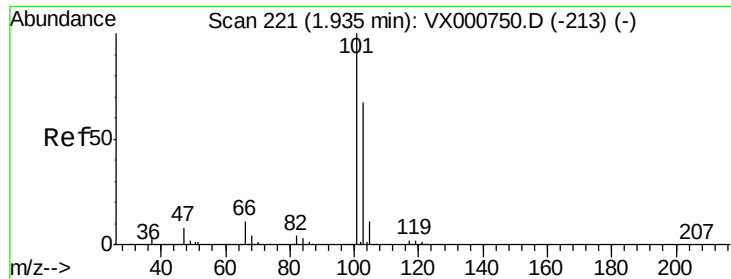
66 30.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



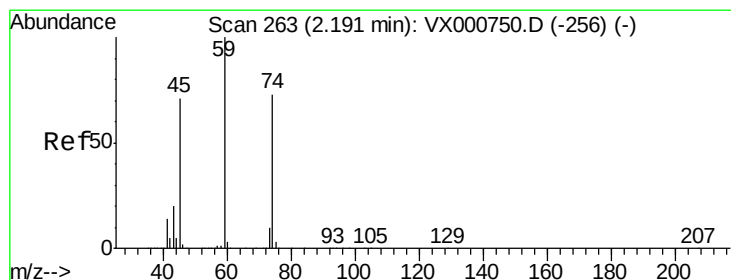
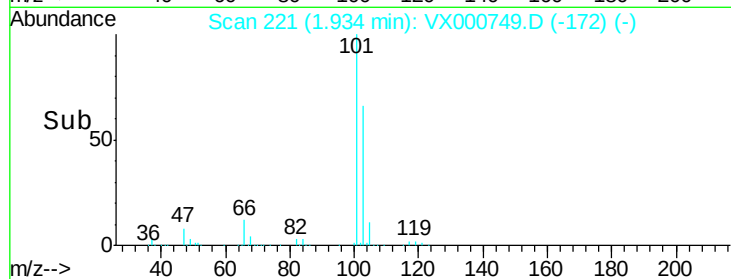
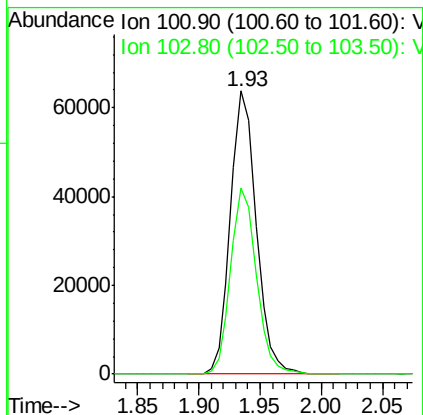
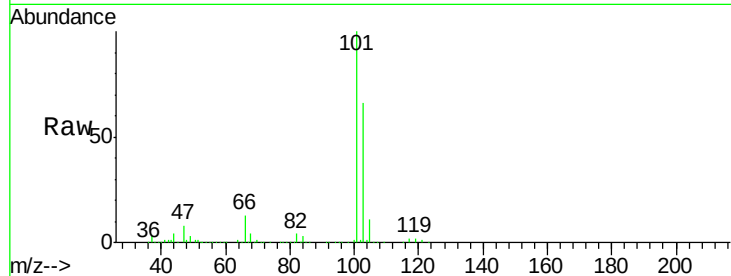


#7

Trichlorofluoromethane
 Concen: 20.01 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Instrument :
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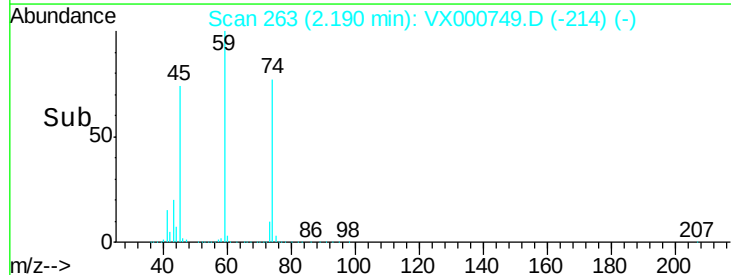
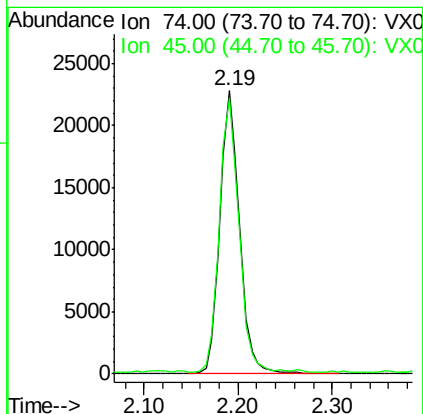
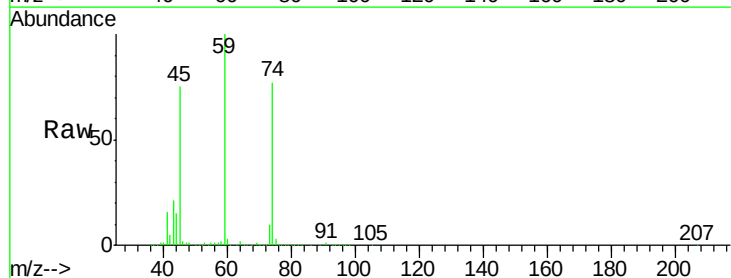
Tgt Ion:101 Resp: 93718
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.2 79.8

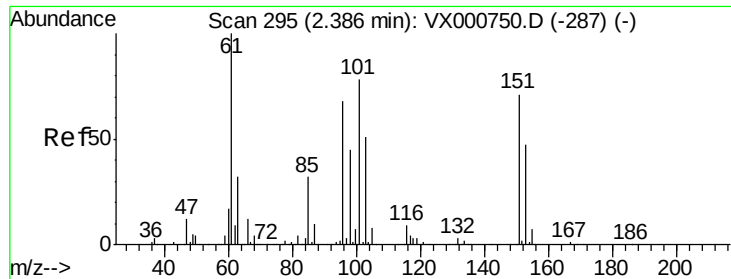


#8

Diethyl Ether
 Concen: 19.44 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 74 Resp: 33051
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.6 145.8

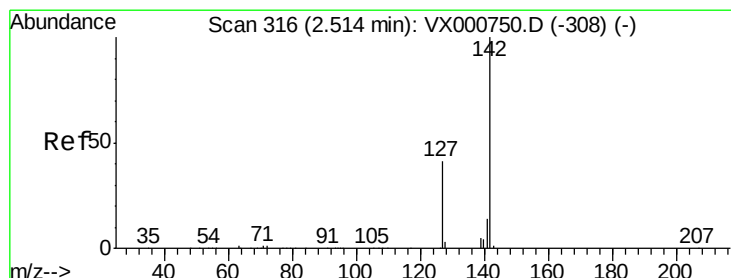
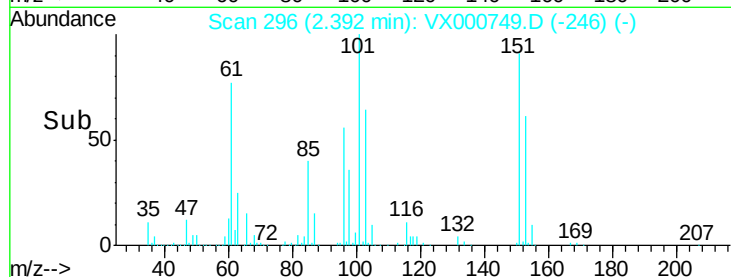
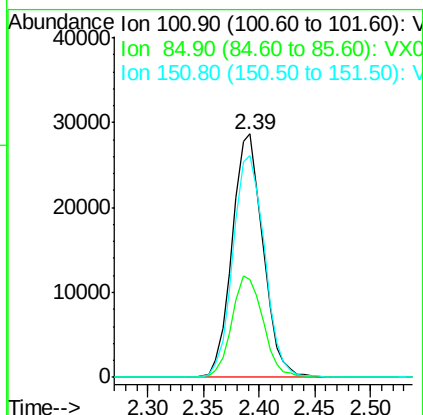
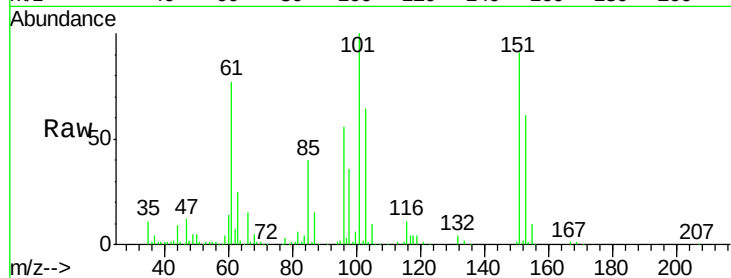




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.42 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

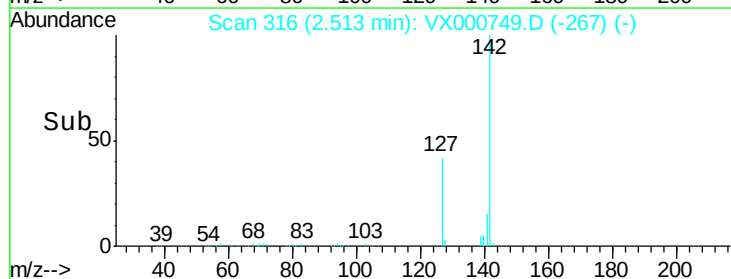
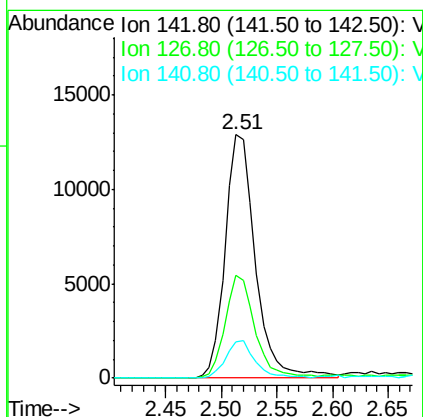
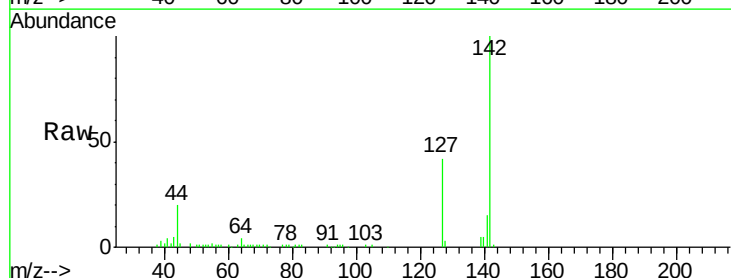
Instrument :
 MSVOA_X
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 VSTDIC020

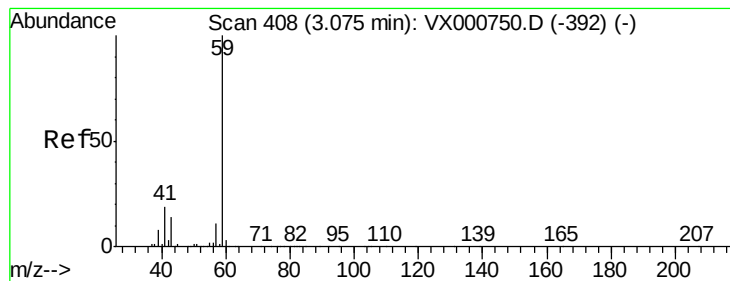
Tgt Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.0	51.0
151	93.5	75.8	113.8



#10
 Methyl Iodide
 Concen: 12.87 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	32.6	49.0
141	15.1	11.5	17.3





#11

Tert butyl alcohol

Concen: 95.41 ug/l

RT: 3.06 min Scan# 405

Delta R.T. -0.02 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

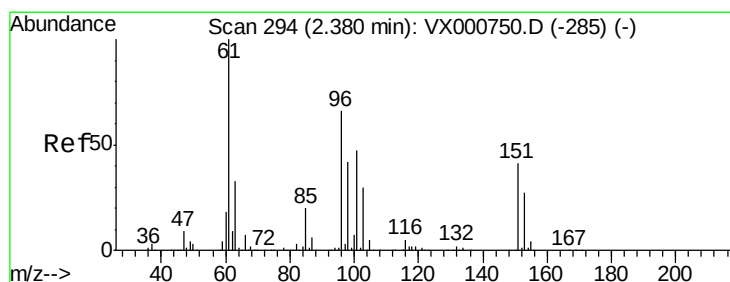
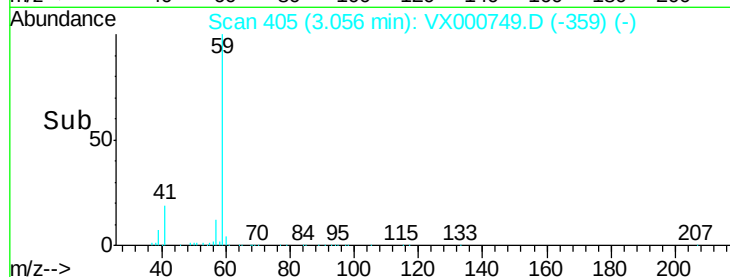
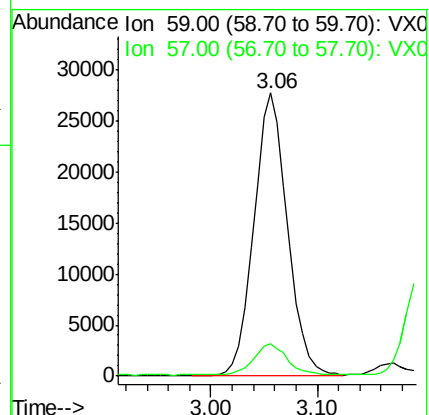
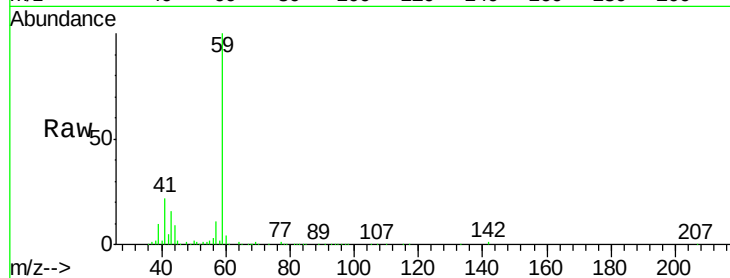
VSTDIC020

Tgt Ion: 59 Resp: 61278

Ion Ratio Lower Upper

59 100

57 10.7 8.4 12.6



#12

1,1-Dichloroethene

Concen: 19.58 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

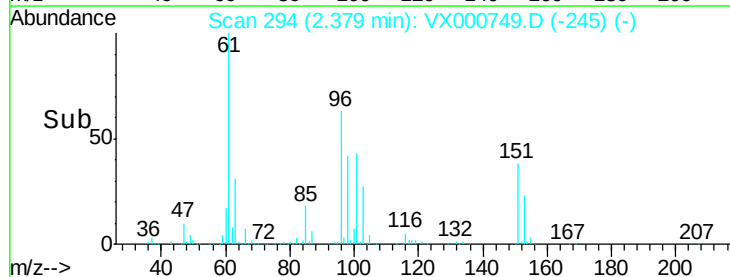
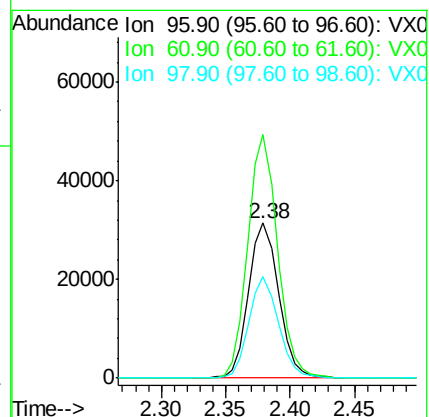
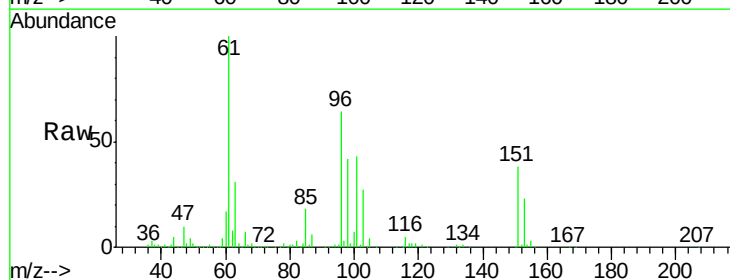
Tgt Ion: 96 Resp: 50412

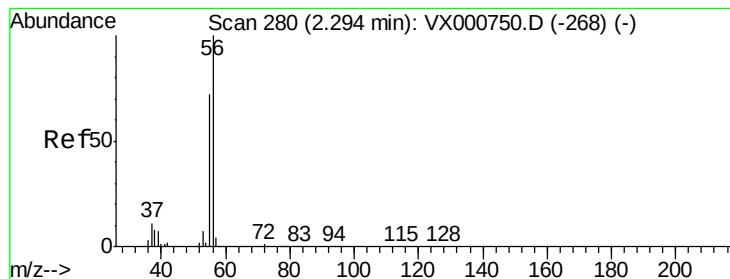
Ion Ratio Lower Upper

96 100

61 157.7 120.5 180.7

98 65.3 50.9 76.3





#13

Acrolein

Concen: 92.15 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

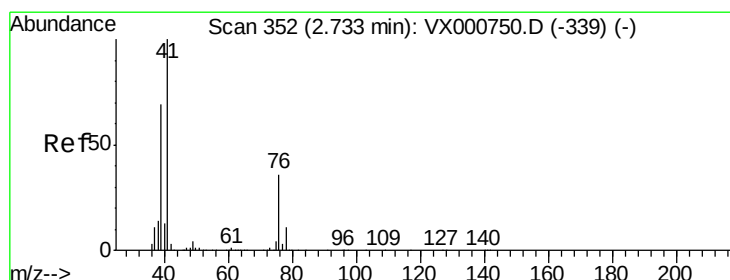
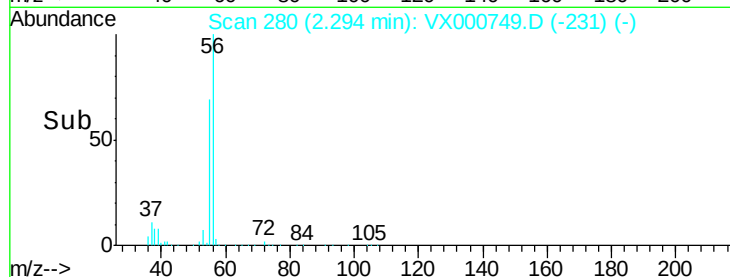
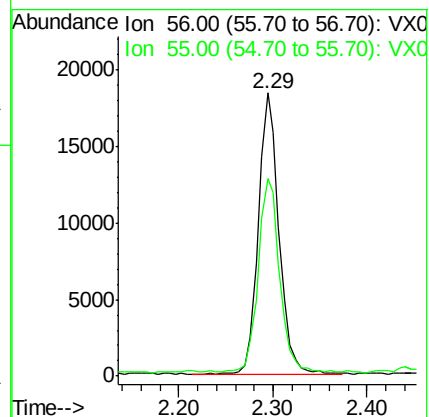
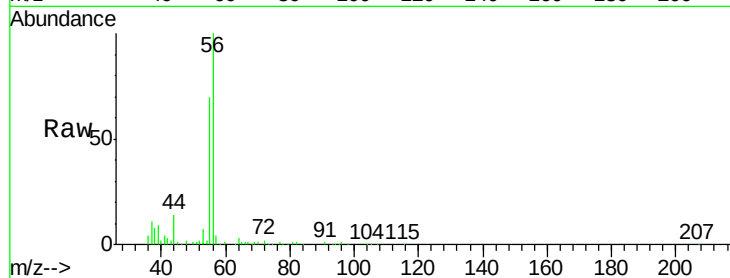
VSTDIC020

Tgt Ion: 56 Resp: 28405

Ion Ratio Lower Upper

56 100

55 71.6 58.7 88.1



#14

Allyl chloride

Concen: 19.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

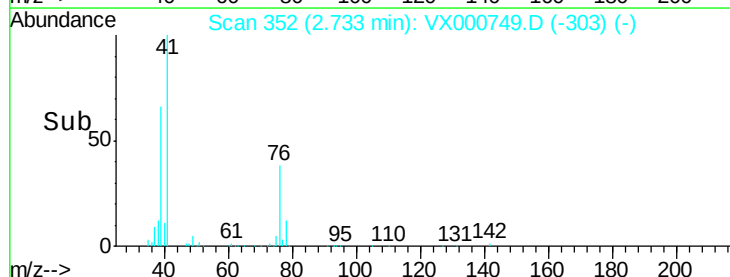
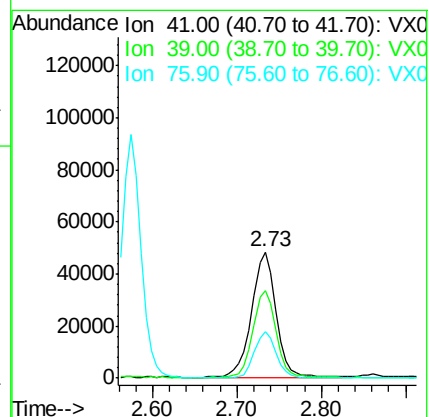
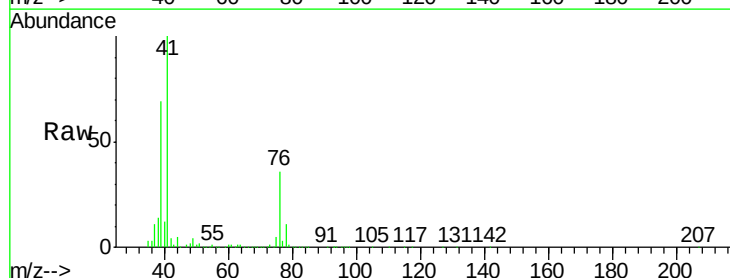
Tgt Ion: 41 Resp: 93432

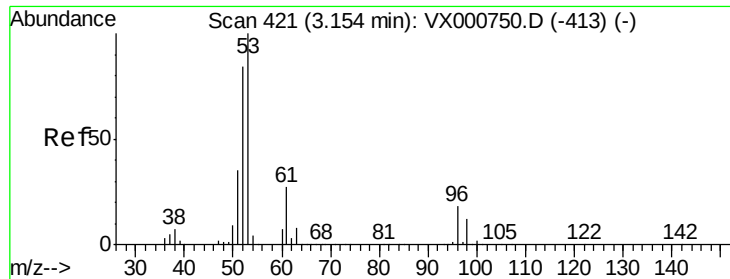
Ion Ratio Lower Upper

41 100

39 65.2 51.5 77.3

76 33.7 26.5 39.7





#15

Acrylonitrile

Concen: 92.76 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

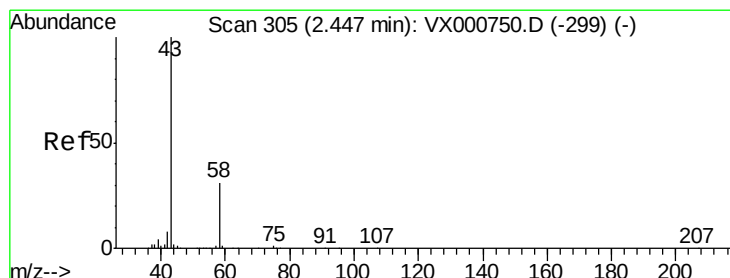
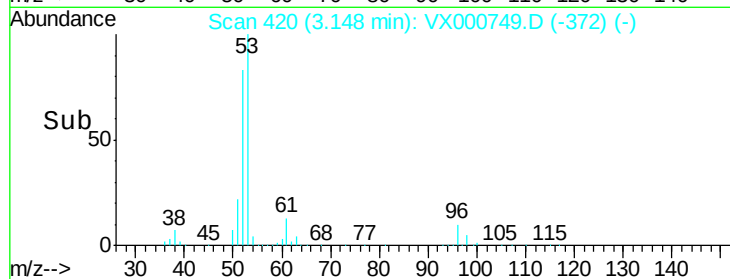
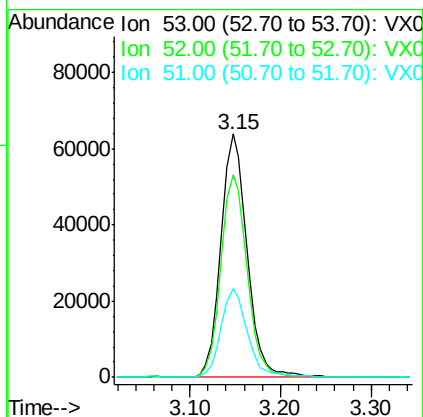
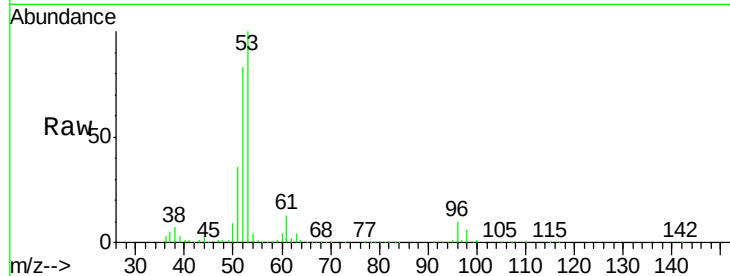
Tgt Ion: 53 Resp: 127790

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 36.8 28.8 43.2



#16

Acetone

Concen: 95.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000749.D

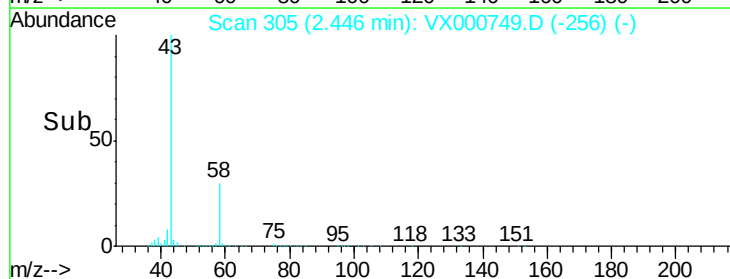
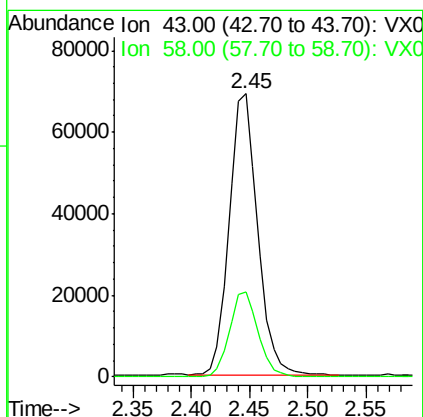
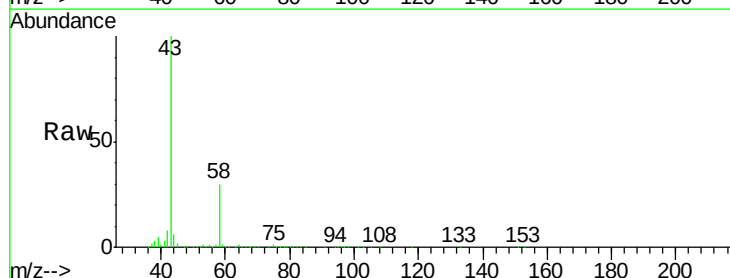
Acq: 10 Apr 2018 14:11

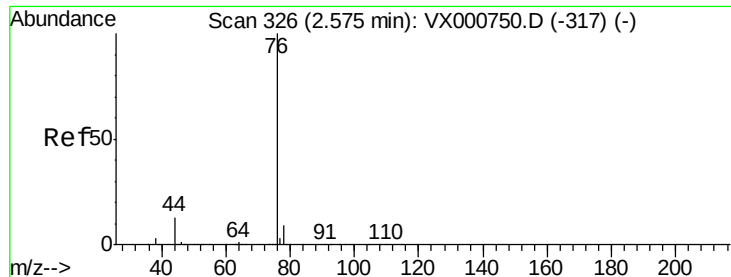
Tgt Ion: 43 Resp: 117009

Ion Ratio Lower Upper

43 100

58 30.0 24.6 37.0





#17

Carbon Disulfide

Concen: 19.65 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

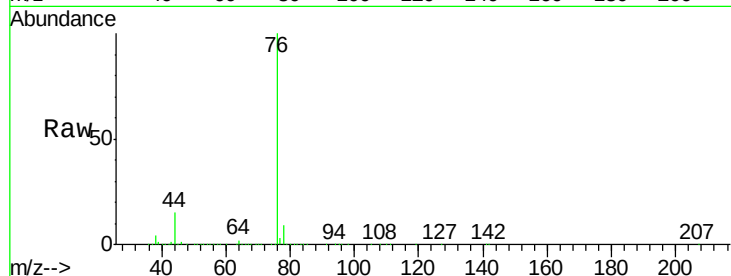
VSTDIC020

Tgt Ion: 76 Resp: 150493

Ion Ratio Lower Upper

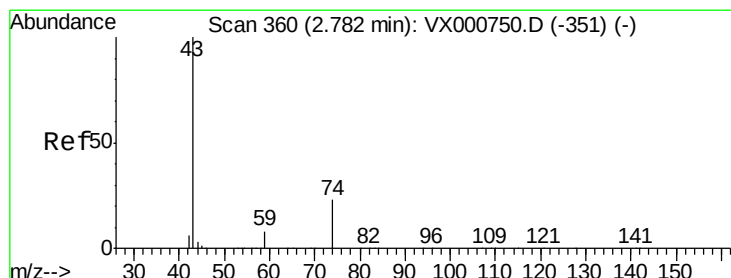
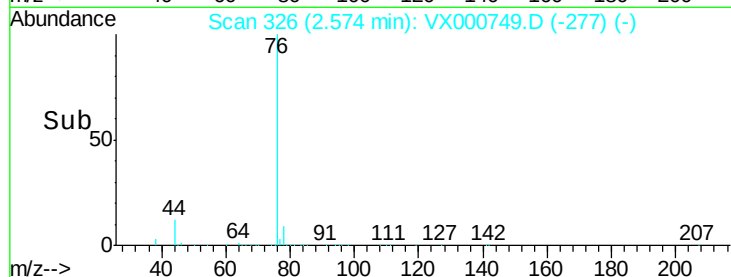
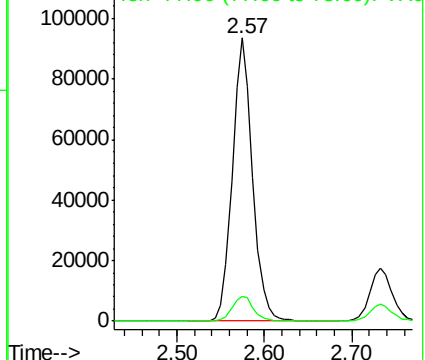
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.44 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000749.D

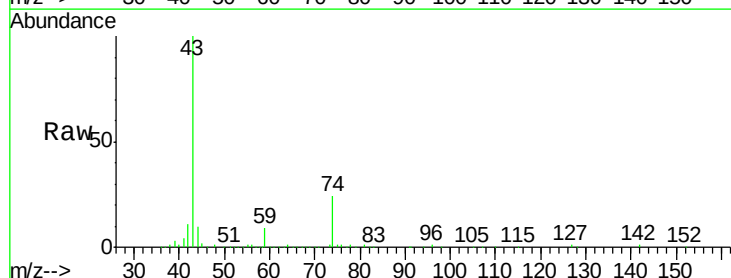
Acq: 10 Apr 2018 14:11

Tgt Ion: 43 Resp: 59559

Ion Ratio Lower Upper

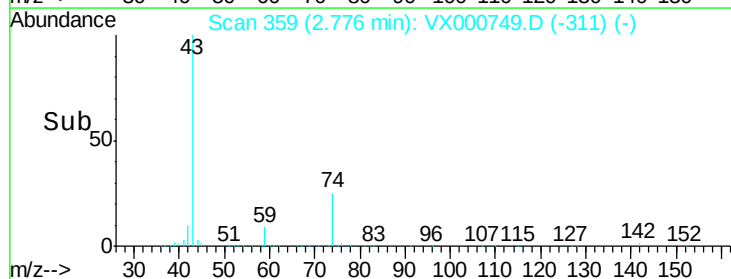
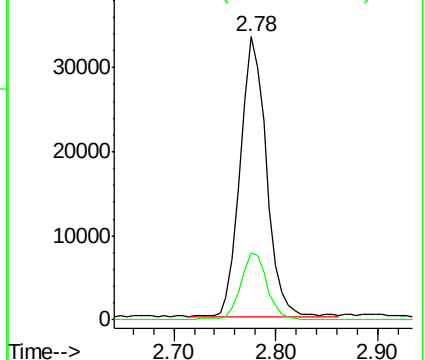
43 100

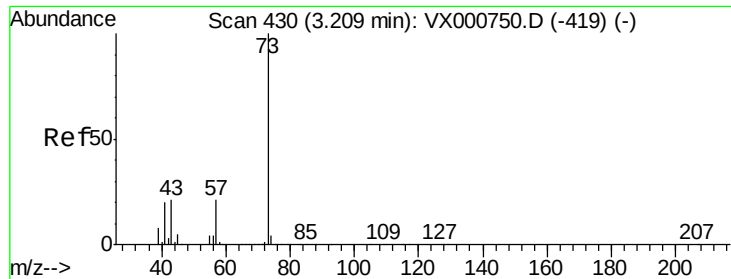
74 24.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

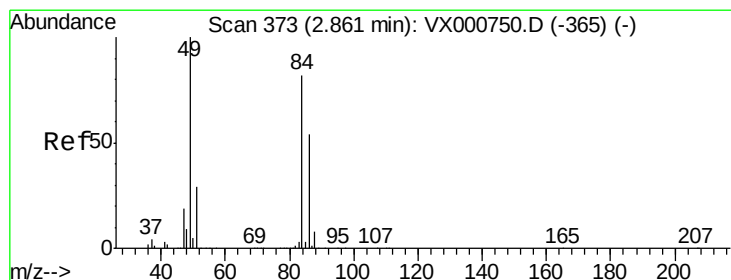
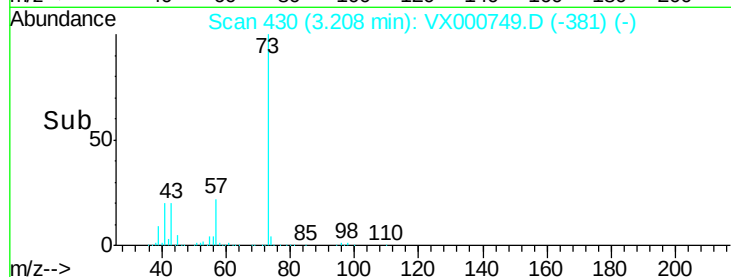
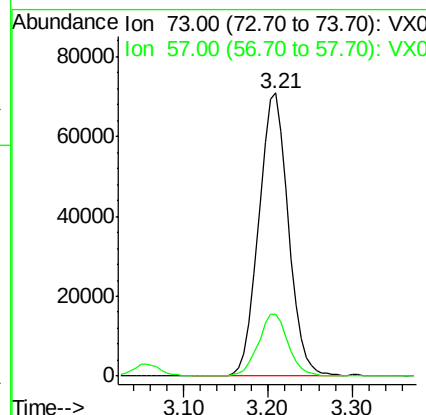
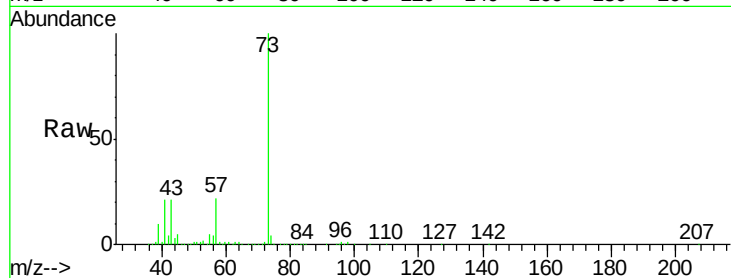




#19
Methyl tert-butyl Ether
Concen: 19.53 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

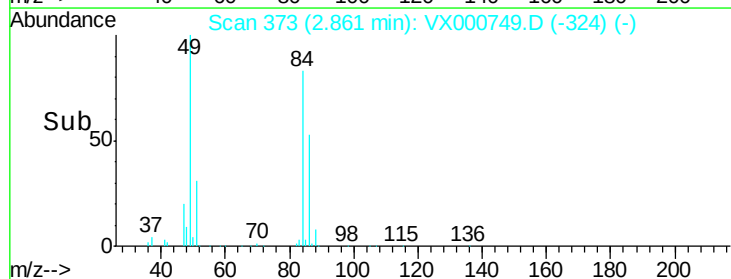
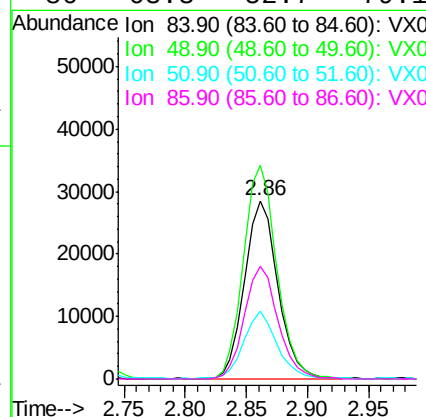
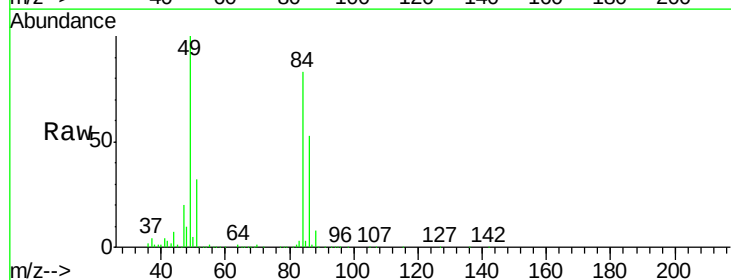
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

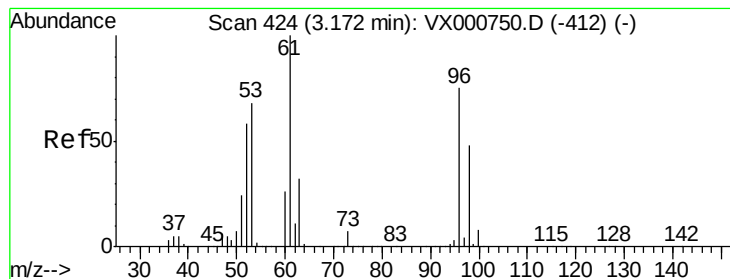
Tgt Ion: 73 Resp: 170427
Ion Ratio Lower Upper
73 100
57 21.5 16.9 25.3



#20
Methylene Chloride
Concen: 19.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 84 Resp: 53985
Ion Ratio Lower Upper
84 100
49 120.2 98.1 147.1
51 37.7 28.9 43.3
86 63.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

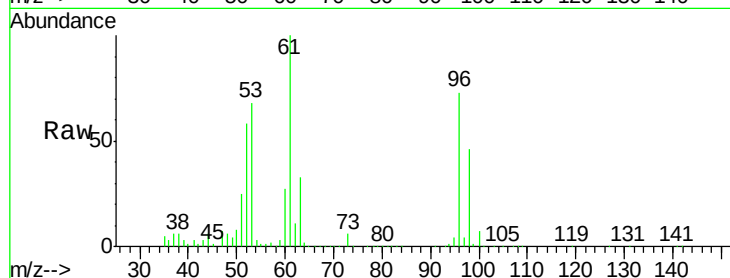
Tgt Ion: 96 Resp: 53656

Ion Ratio Lower Upper

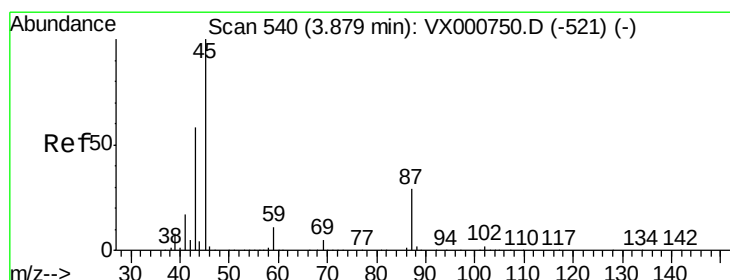
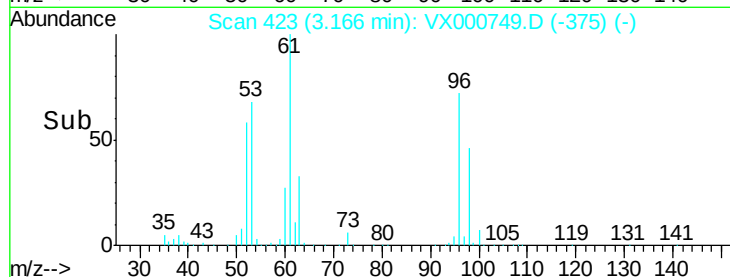
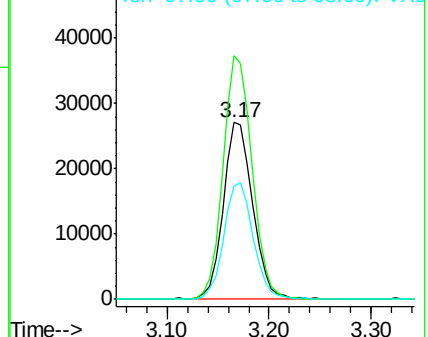
96 100

61 137.8 106.2 159.2

98 63.9 51.2 76.8



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



#22

Diisopropyl ether

Concen: 18.77 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Tgt Ion: 45 Resp: 165724

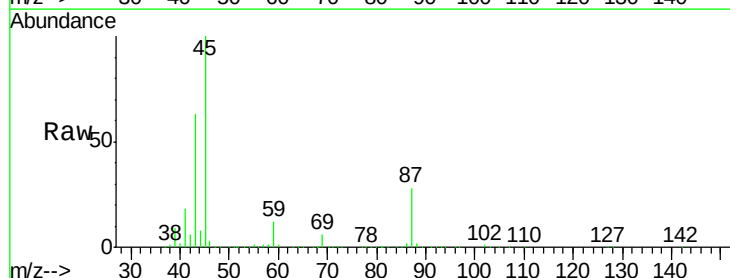
Ion Ratio Lower Upper

45 100

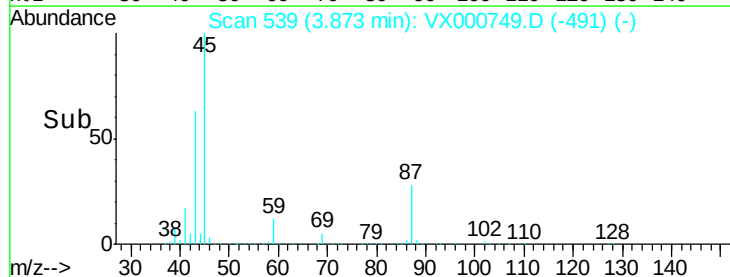
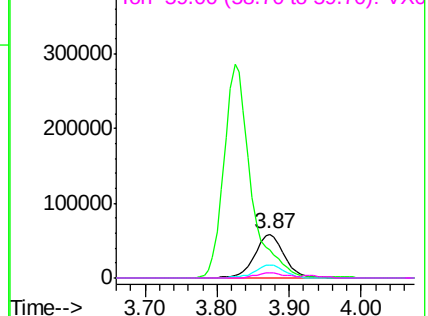
43 62.4 46.6 69.8

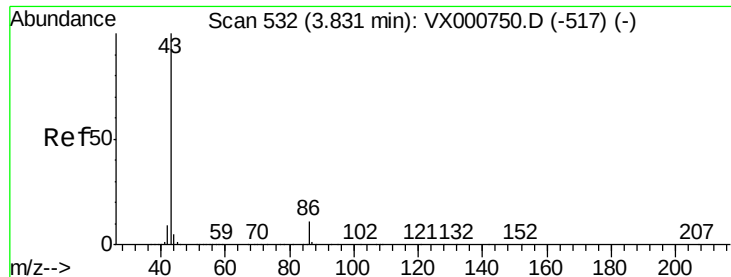
87 28.3 22.9 34.3

59 11.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.35 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

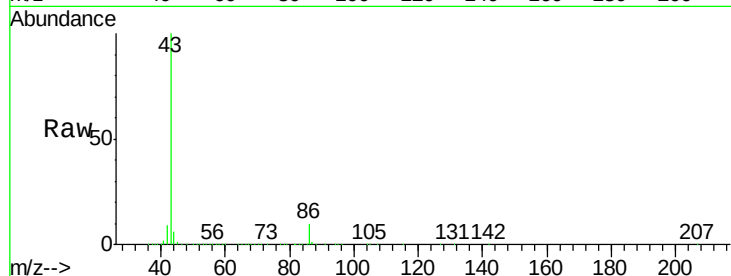
VSTDIC020

Tgt Ion: 43 Resp: 744480

Ion Ratio Lower Upper

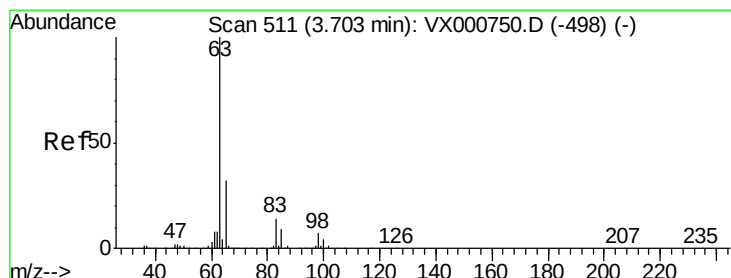
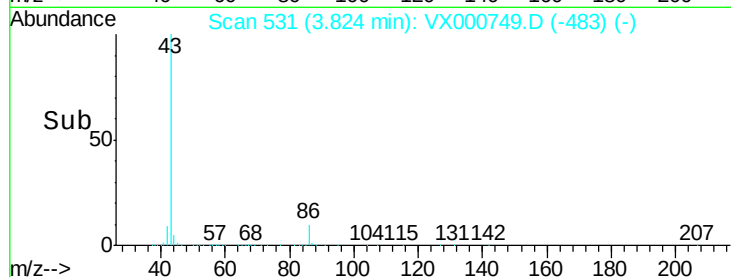
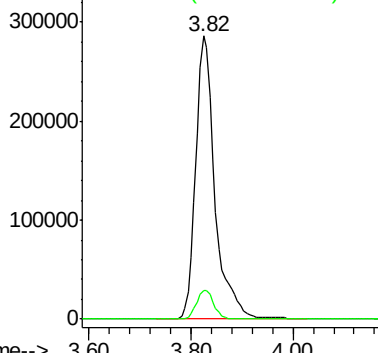
43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.43 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

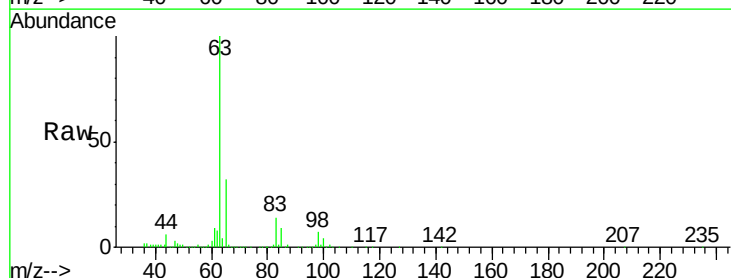
Tgt Ion: 63 Resp: 94959

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

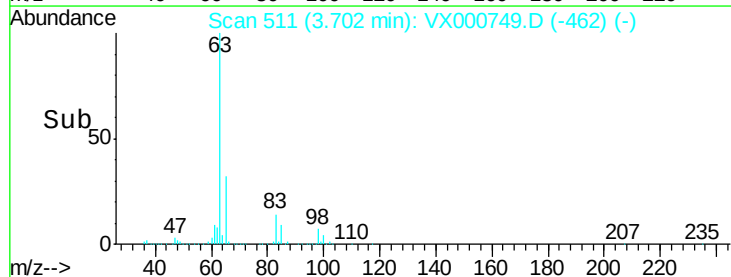
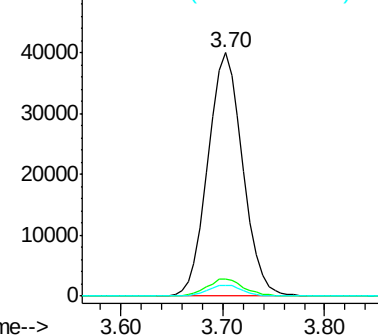
100 4.4 2.1 6.3

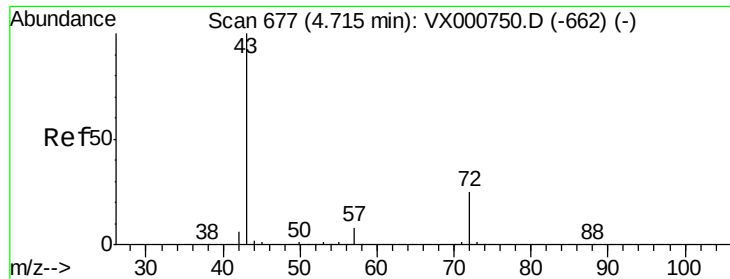


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

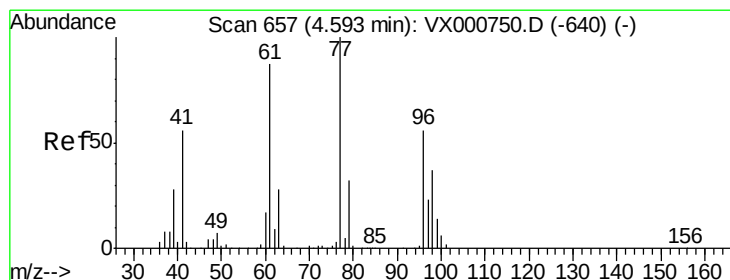
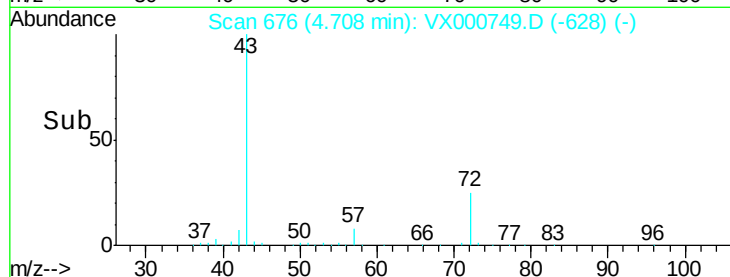
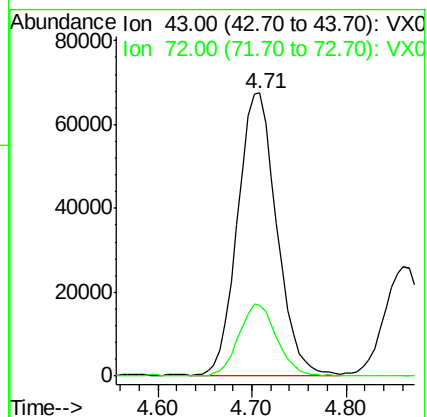
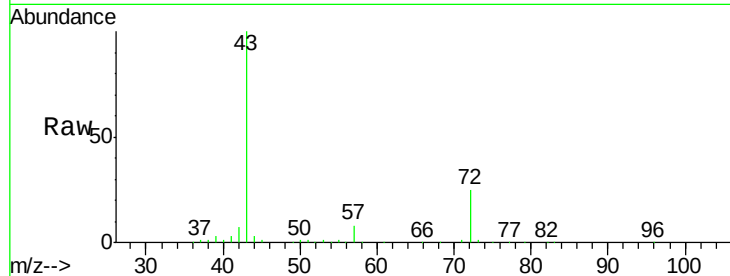
VSTDIC020

Tgt Ion: 43 Resp: 194984

Ion Ratio Lower Upper

43 100

72 24.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000749.D

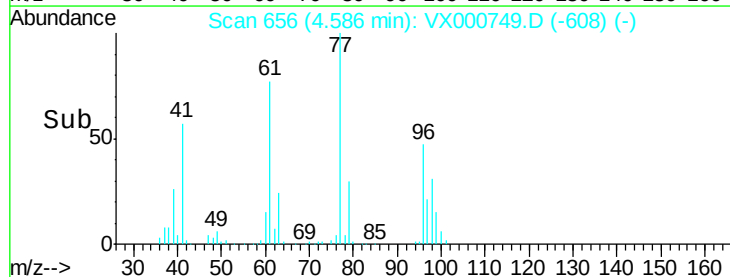
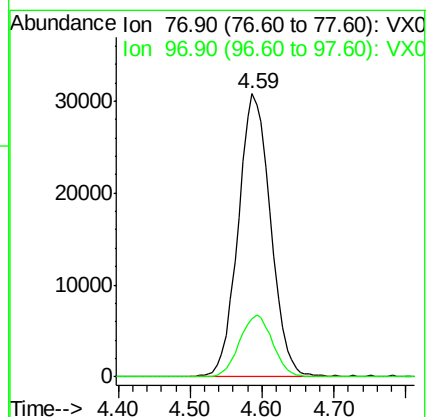
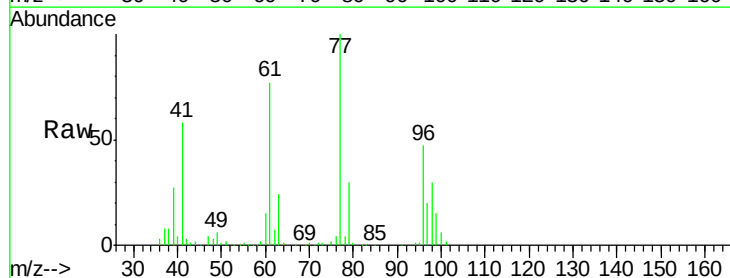
Acq: 10 Apr 2018 14:11

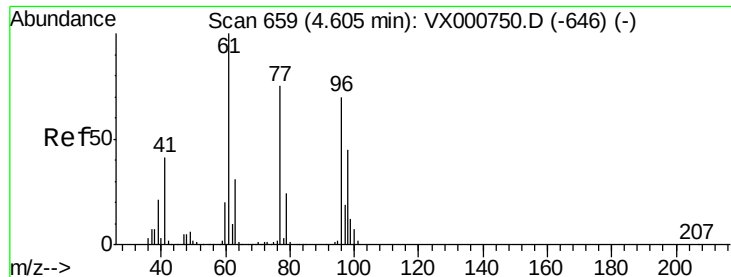
Tgt Ion: 77 Resp: 96188

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.69 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

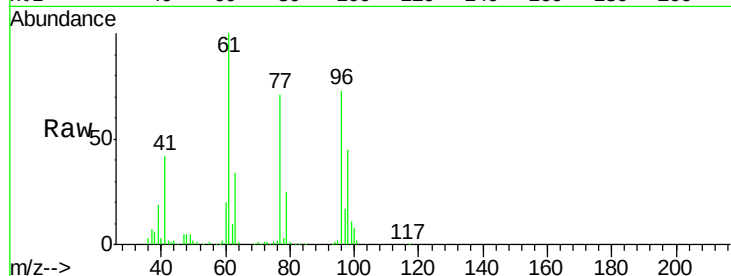
Tgt Ion: 96 Resp: 63992

Ion Ratio Lower Upper

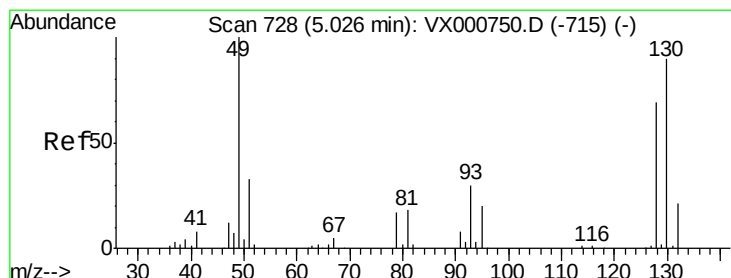
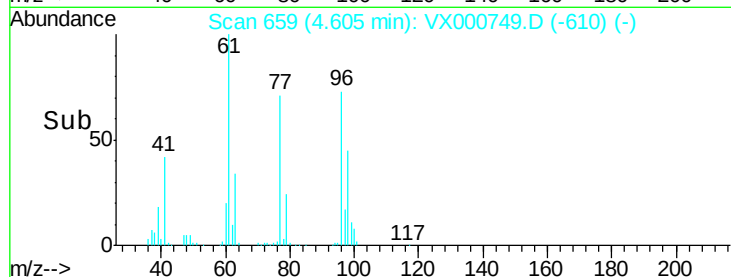
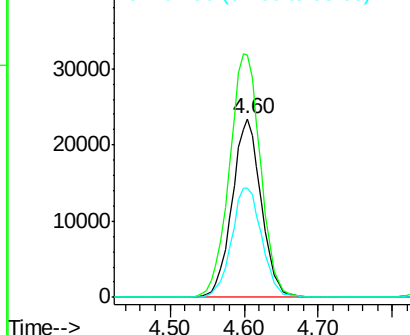
96 100

61 146.0 0.0 292.4

98 63.7 0.0 130.2



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: 19.83 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

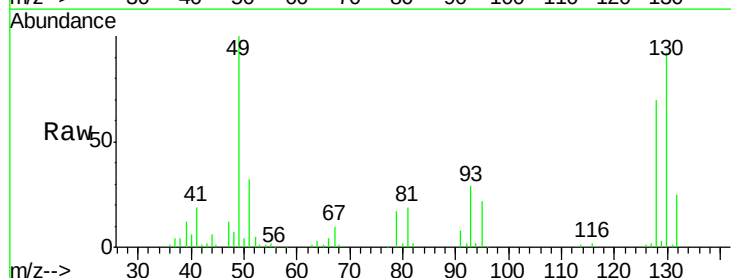
Tgt Ion: 49 Resp: 37956

Ion Ratio Lower Upper

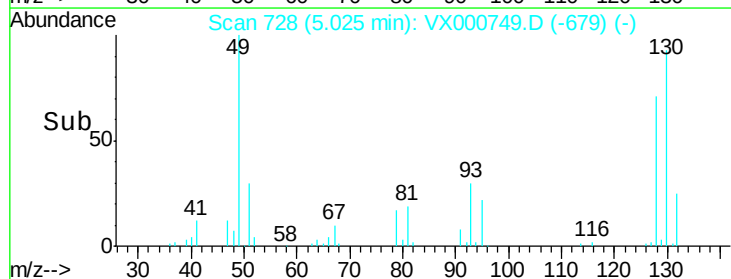
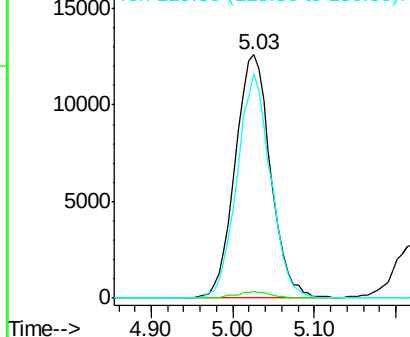
49 100

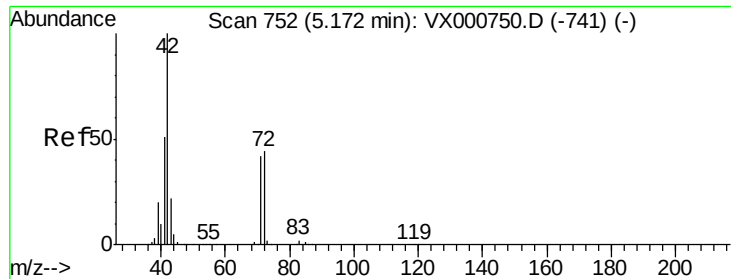
129 2.5 0.0 5.2

130 87.2 72.6 109.0



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

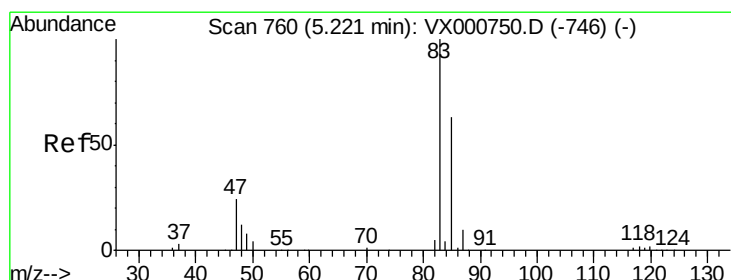
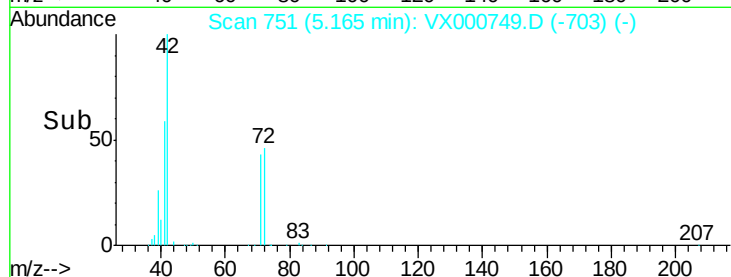
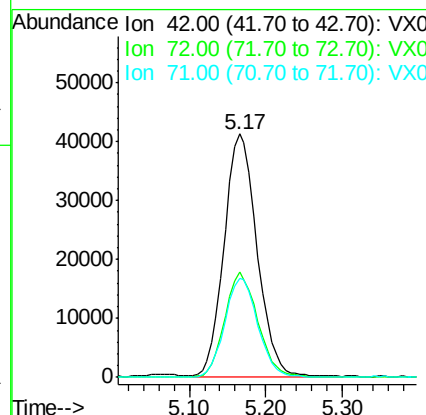
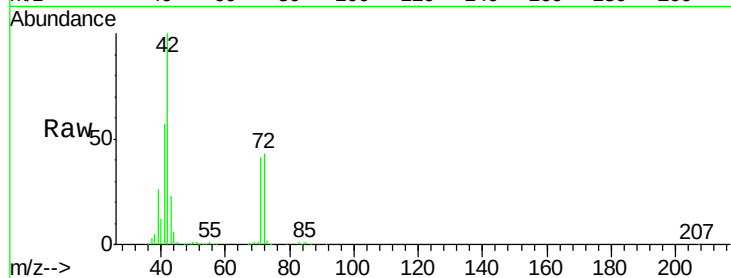




#29
Tetrahydrofuran
Concen: 93.44 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

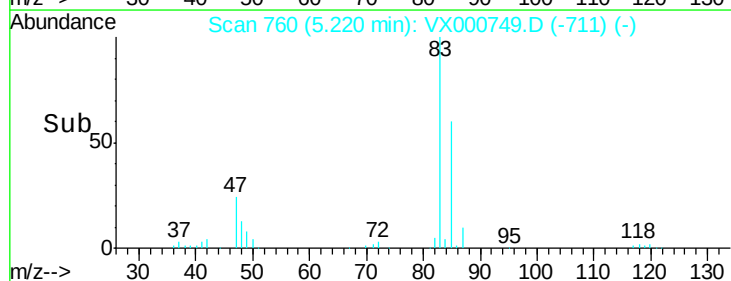
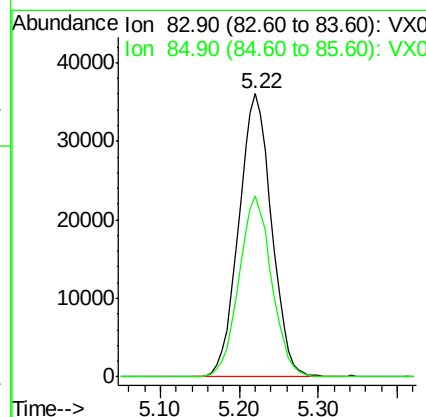
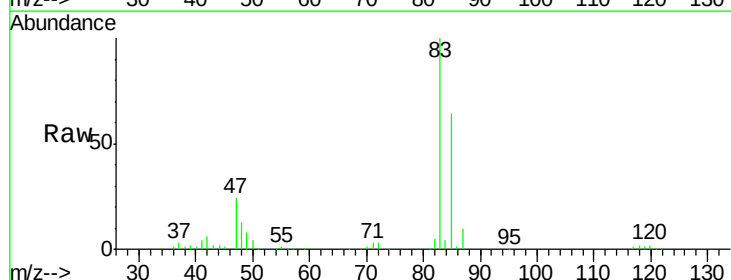
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

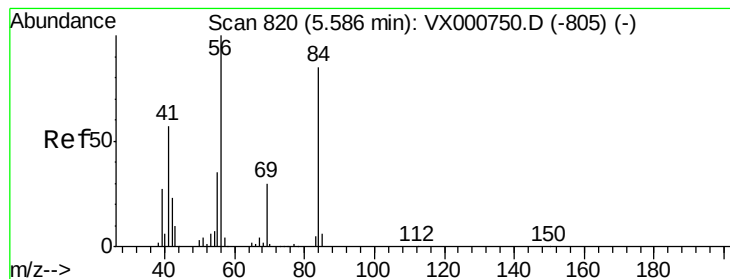
Tgt Ion: 42 Resp: 122487
Ion Ratio Lower Upper
42 100
72 43.7 35.1 52.7
71 41.1 32.8 49.2



#30
Chloroform
Concen: 19.67 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 83 Resp: 104039
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1





#31

Cyclohexane

Concen: 19.84 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

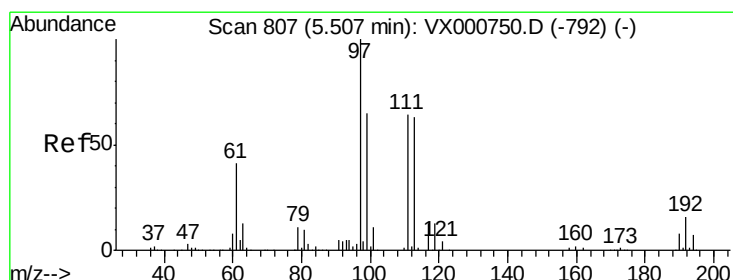
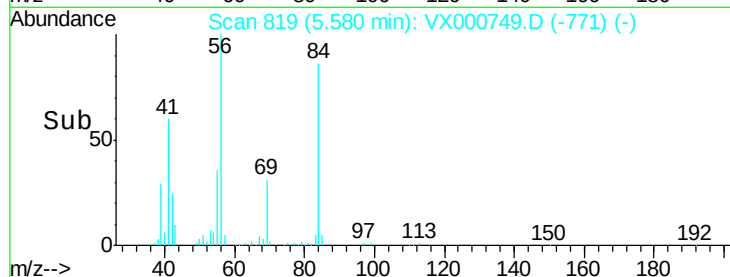
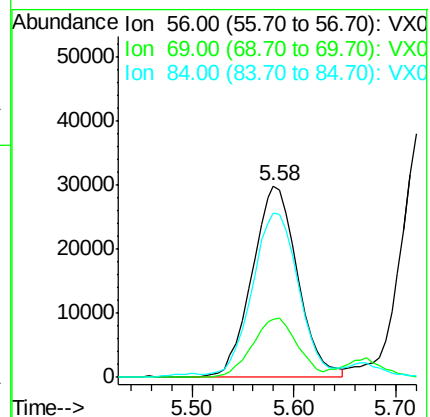
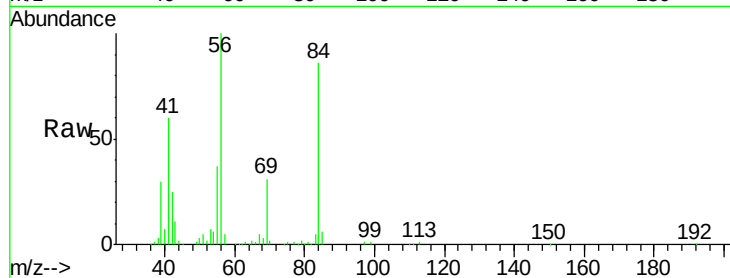
Tgt Ion: 56 Resp: 91297

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 83.9 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 19.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

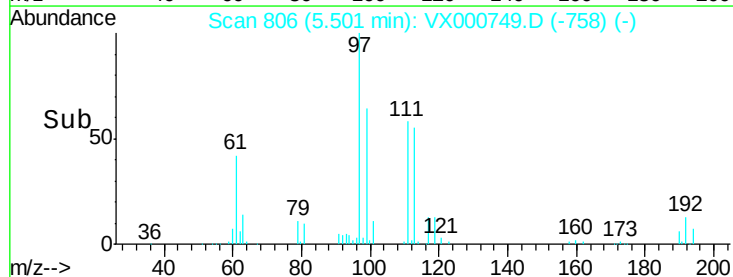
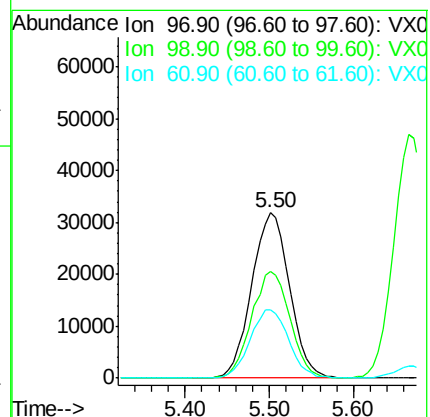
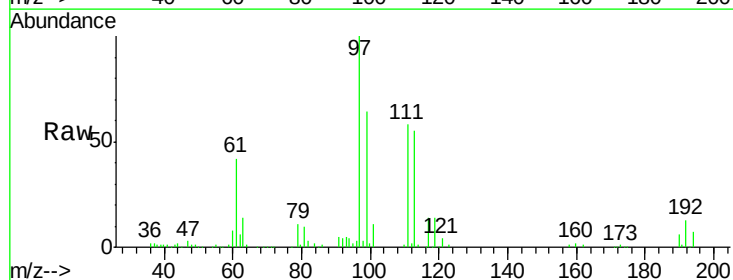
Tgt Ion: 97 Resp: 97612

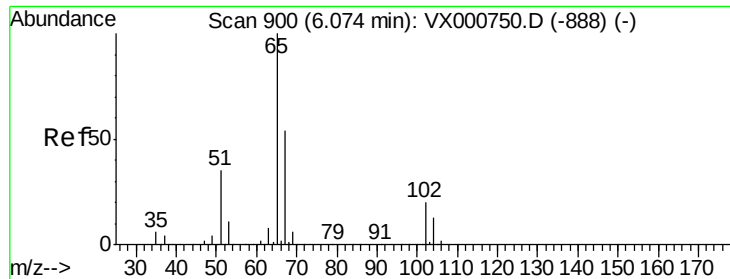
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 42.3 33.7 50.5

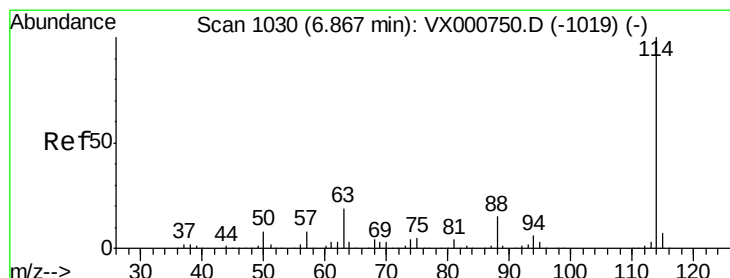
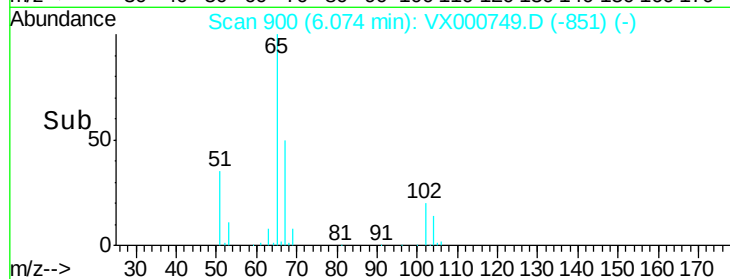
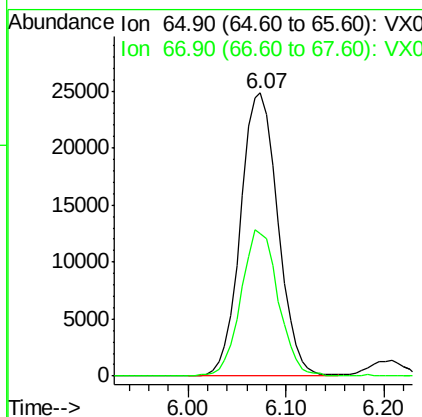
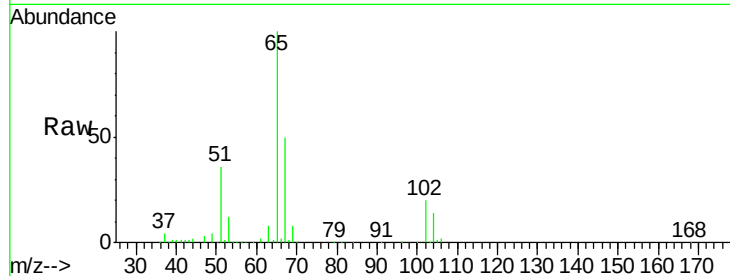




#33
 1,2-Dichloroethane-d4
 Concen: 19.16 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

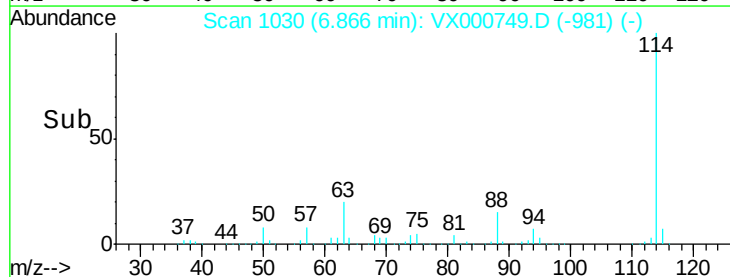
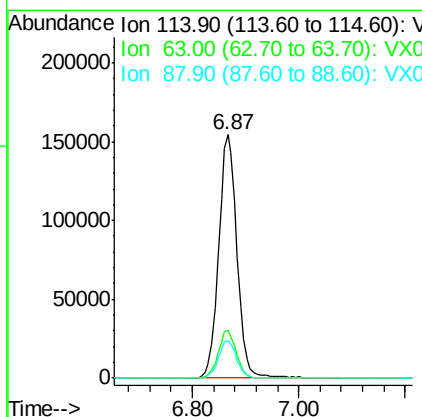
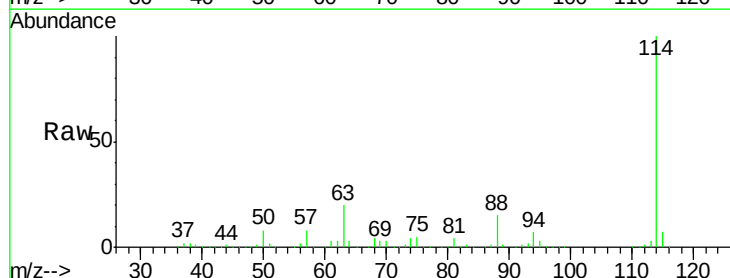
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

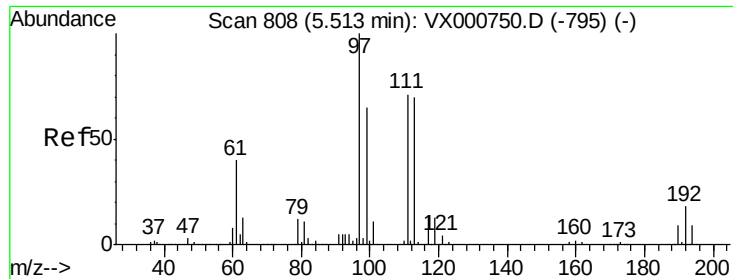
Tgt Ion: 65 Resp: 65905
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 114 Resp: 370394
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 15.3 0.0 31.0

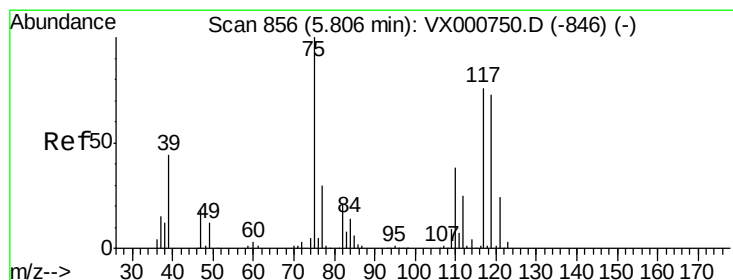
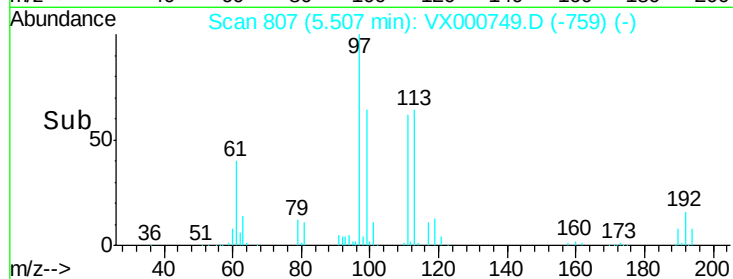
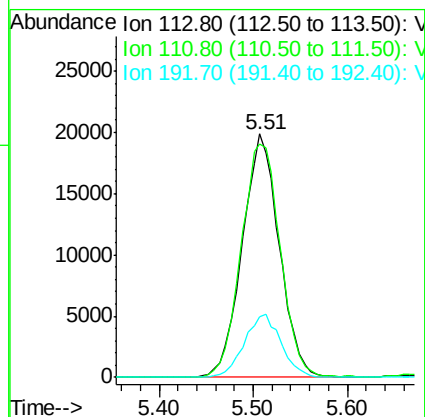
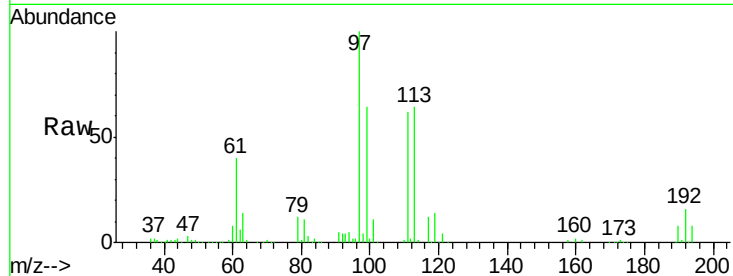




#35
 Dibromofluoromethane
 Concen: 19.08 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

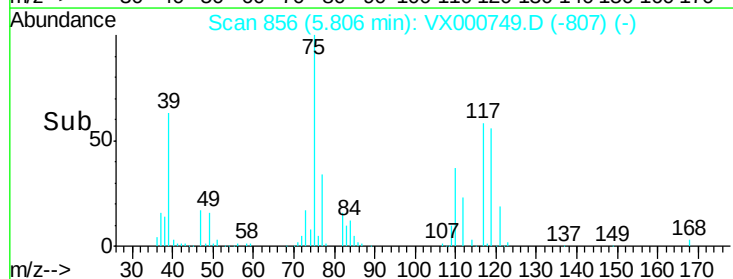
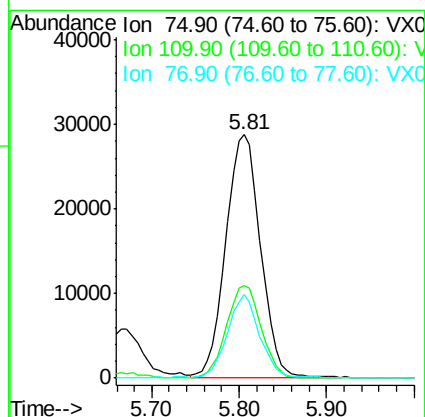
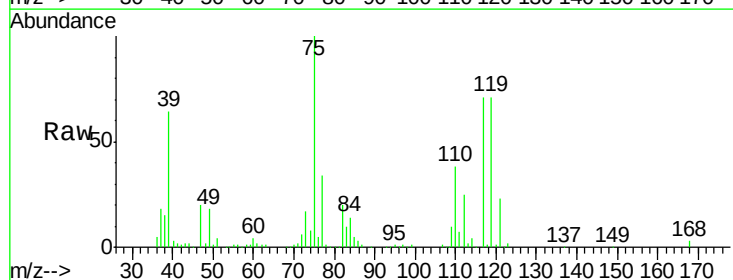
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

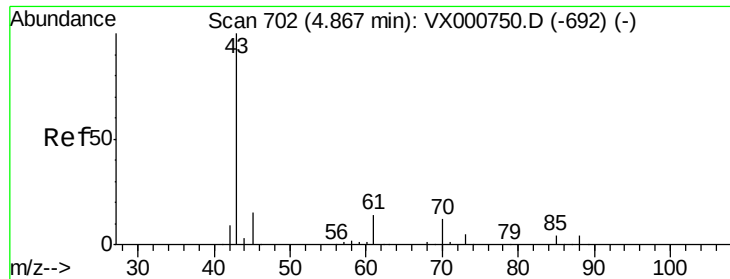
Tgt Ion:113 Resp: 54507
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 19.97 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 75 Resp: 78811
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.2 57.6
 77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 19.37 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

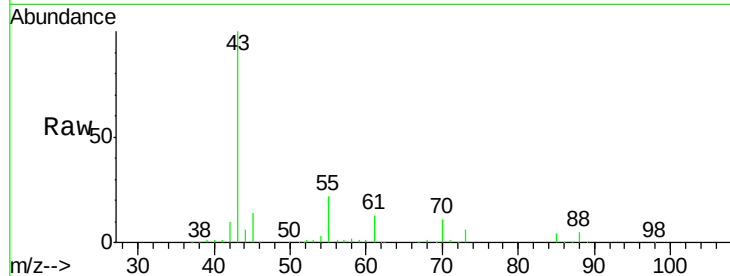
Tgt Ion: 43 Resp: 77364

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.4

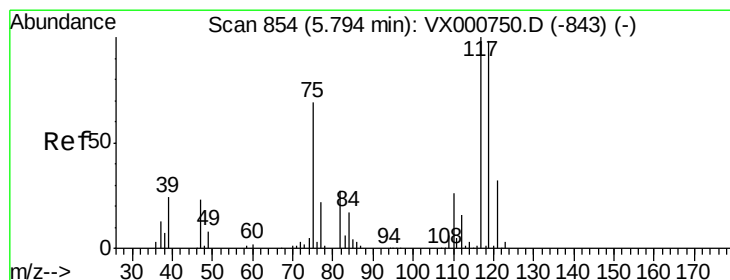
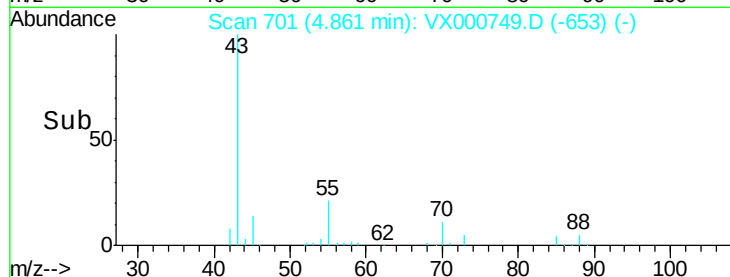
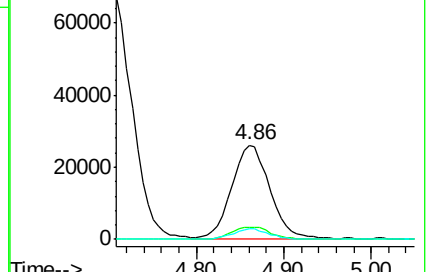
70 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000750.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000750.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000750.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 19.86 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

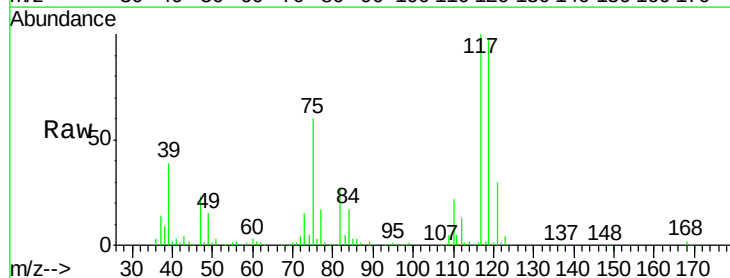
Tgt Ion: 117 Resp: 89839

Ion Ratio Lower Upper

117 100

119 97.1 78.4 117.6

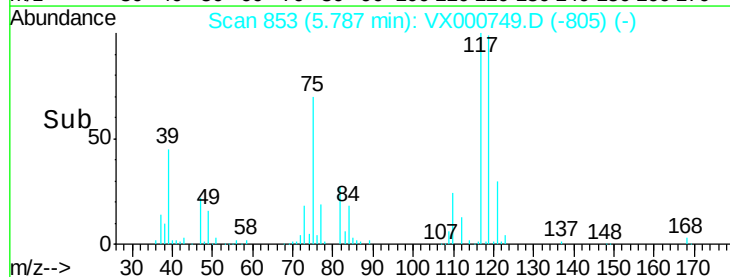
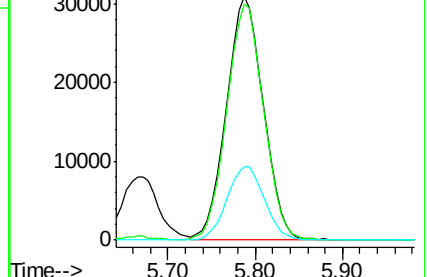
121 30.5 25.4 38.0

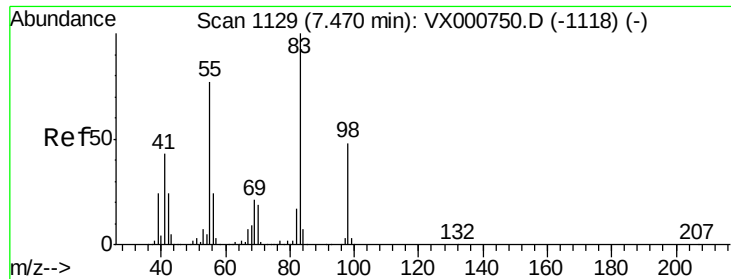


Abundance Ion 116.80 (116.50 to 117.50): VX000750.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000750.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000750.D (-843) (-)

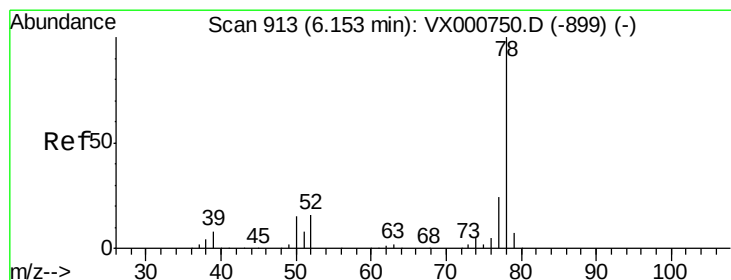
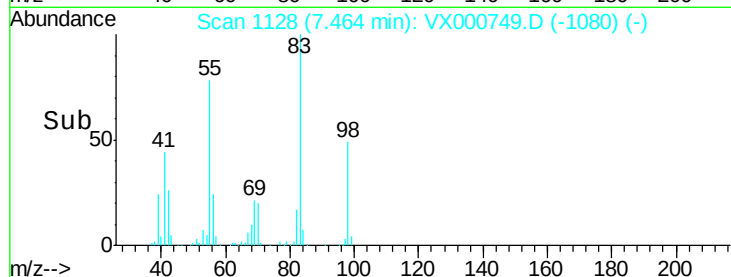
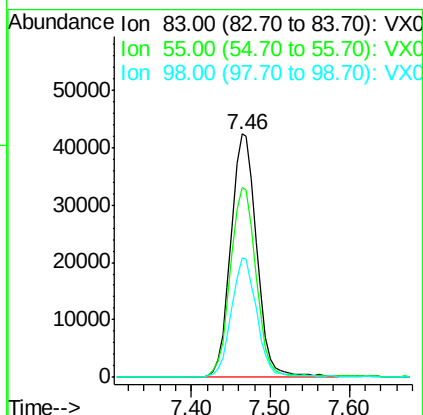
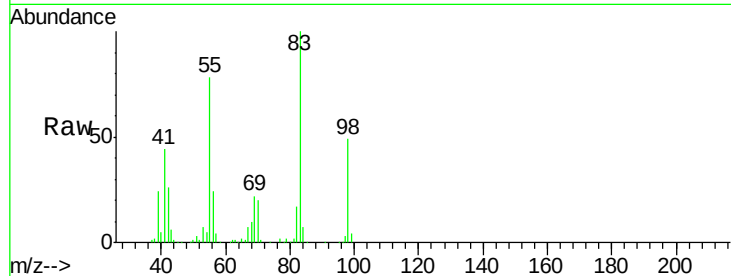




#39
Methylcyclohexane
Concen: 20.61 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

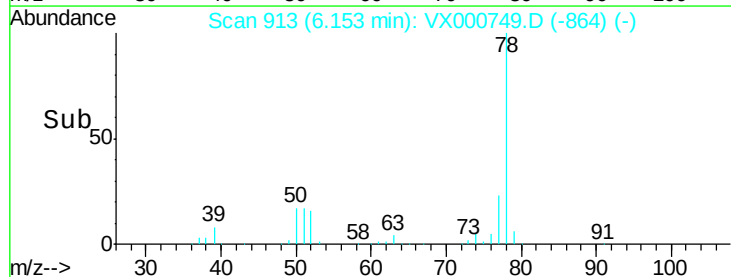
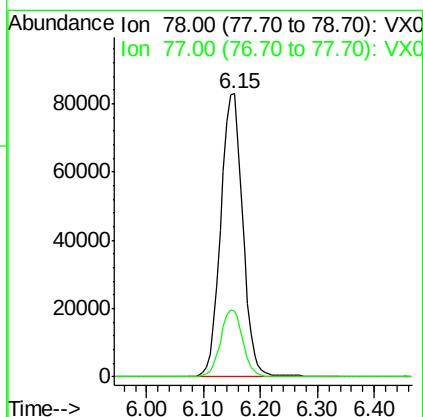
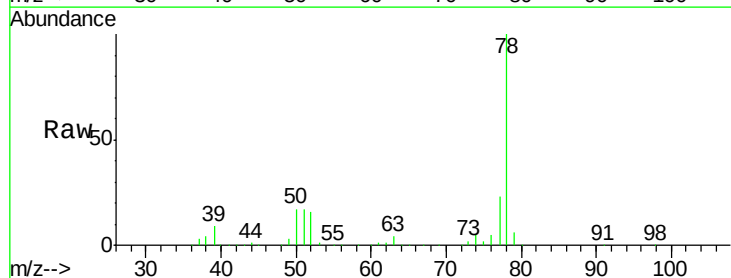
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

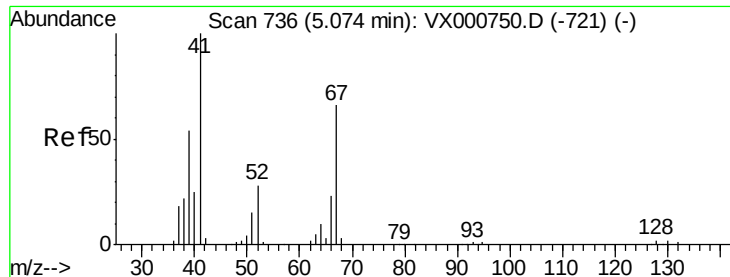
Tgt Ion: 83 Resp: 97093
Ion Ratio Lower Upper
83 100
55 77.6 61.5 92.3
98 49.1 38.1 57.1



#40
Benzene
Concen: 20.01 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 78 Resp: 224022
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

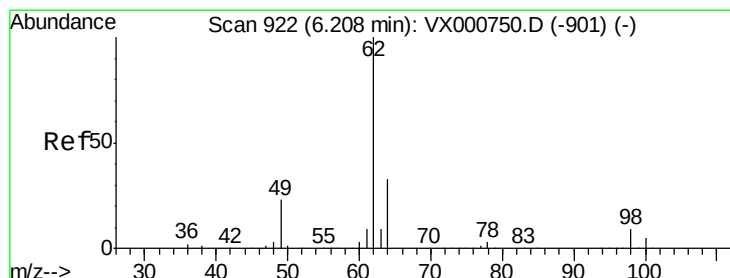
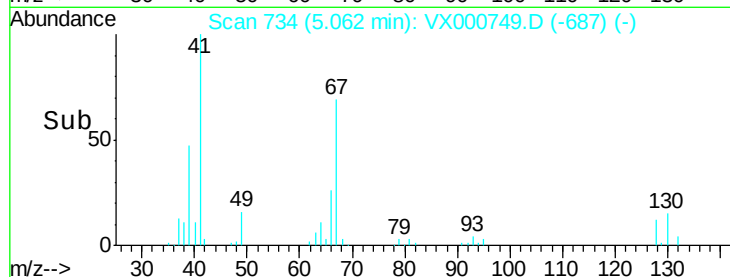
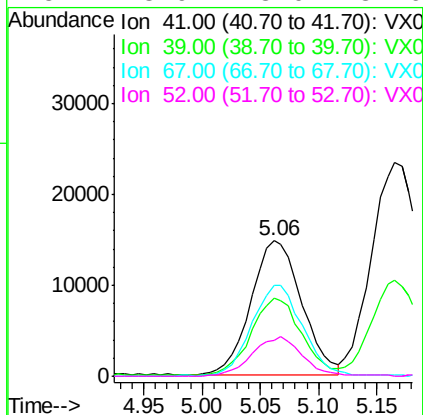
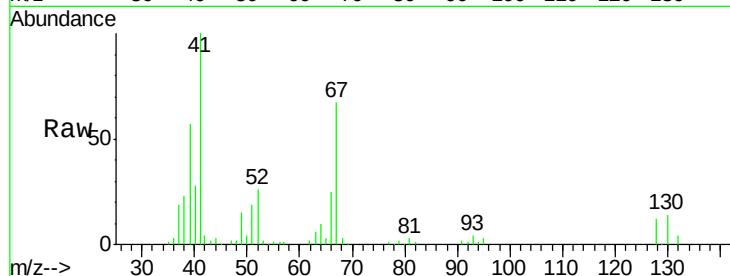




#41
Methacrylonitrile
Concen: 19.49 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

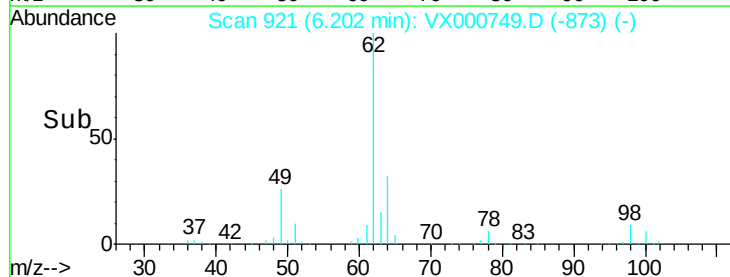
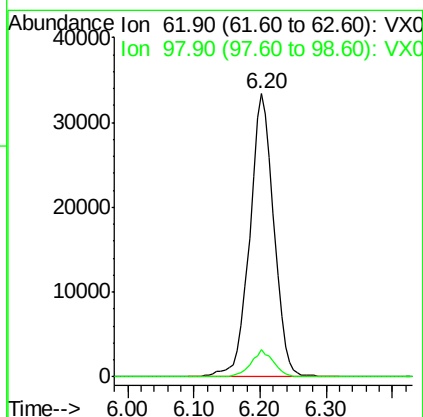
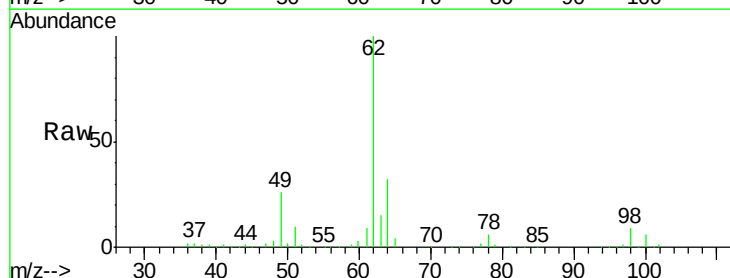
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

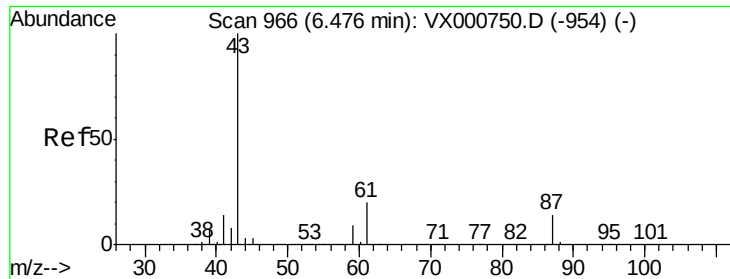
Tgt Ion:	41	Resp:	44794
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.9	67.3
67	67.3	54.7	82.1
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion:	62	Resp:	85136
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

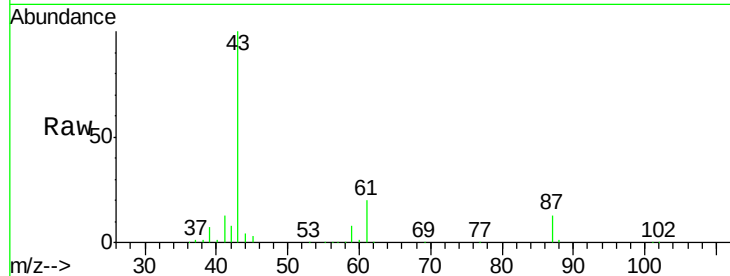
Tgt Ion: 43 Resp: 133725

Ion Ratio Lower Upper

43 100

61 19.2 15.6 23.4

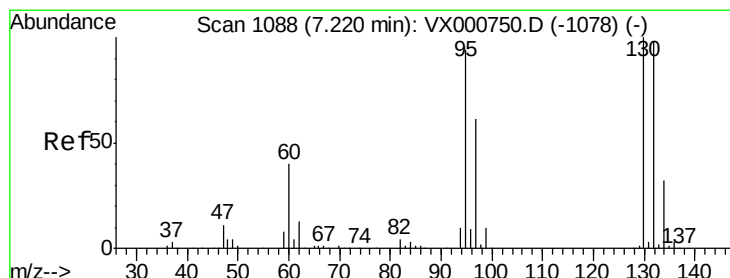
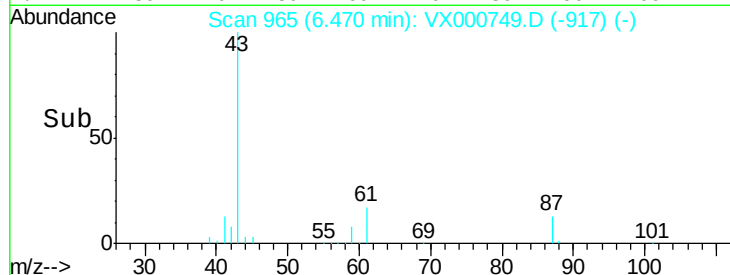
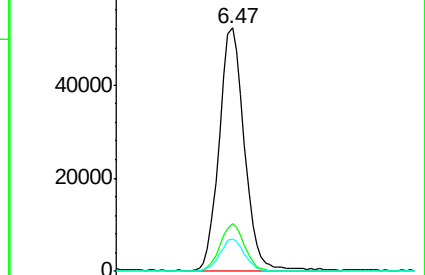
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000750.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX000750.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX000750.D (-954) (-)



#44

Trichloroethene

Concen: 19.98 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000749.D

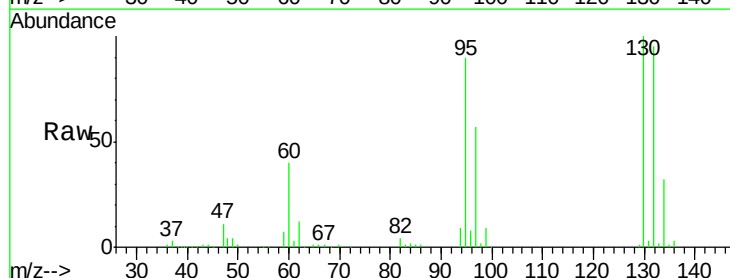
Acq: 10 Apr 2018 14:11

Tgt Ion: 130 Resp: 69447

Ion Ratio Lower Upper

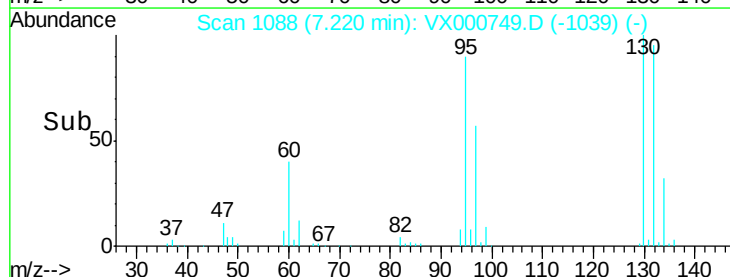
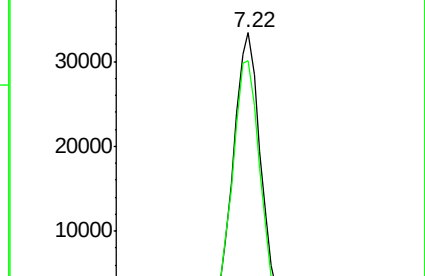
130 100

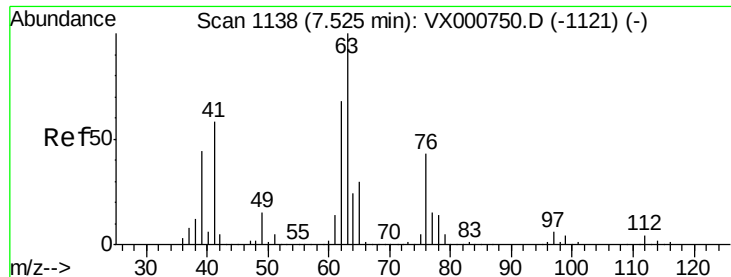
95 90.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000750.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000750.D (-1078) (-)

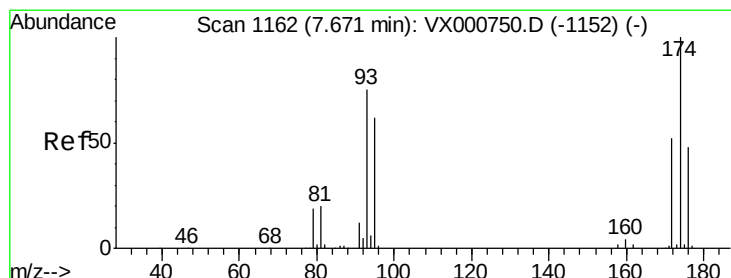
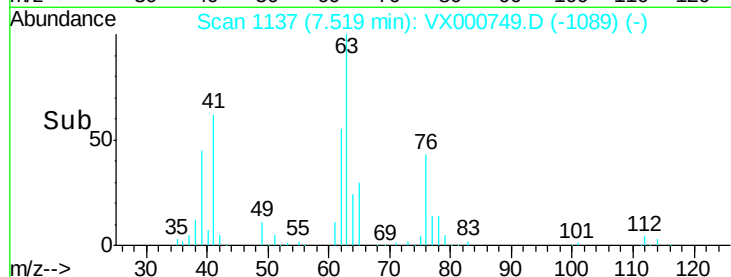
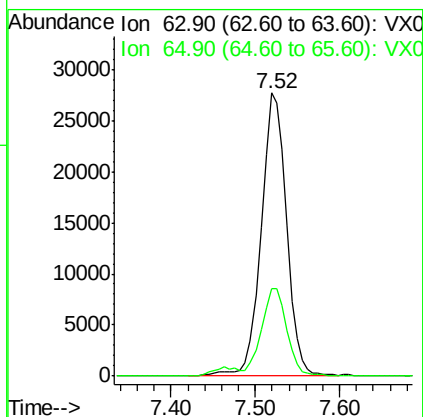
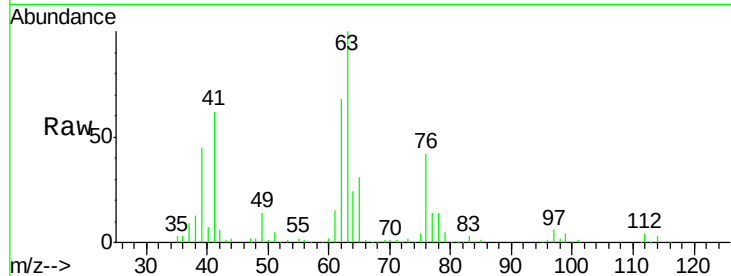




#45
 1,2-Dichloropropane
 Concen: 19.94 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

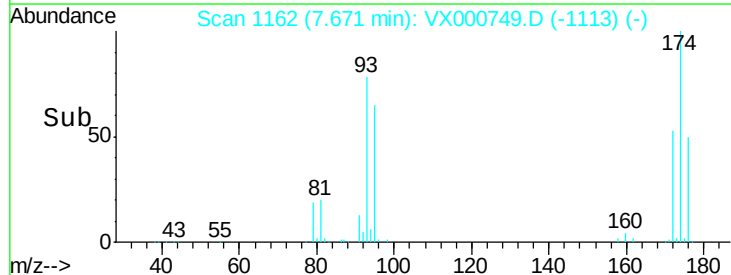
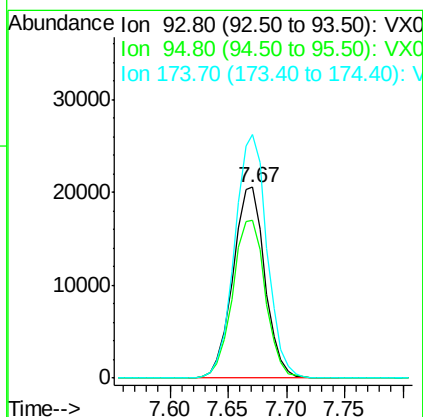
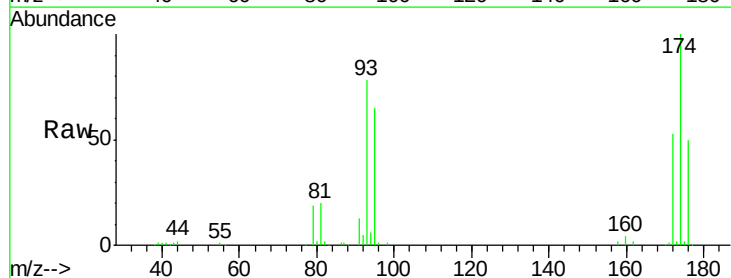
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

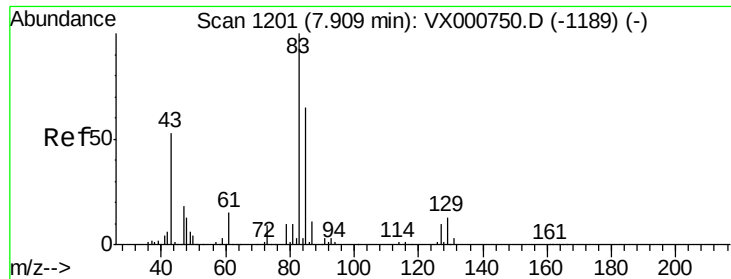
Tgt Ion: 63 Resp: 57746
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.7 35.5



#46
 Dibromomethane
 Concen: 19.86 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 93 Resp: 39480
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.6 100.0
 174 128.4 104.5 156.7

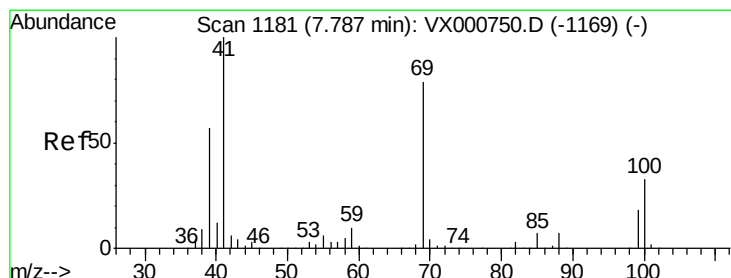
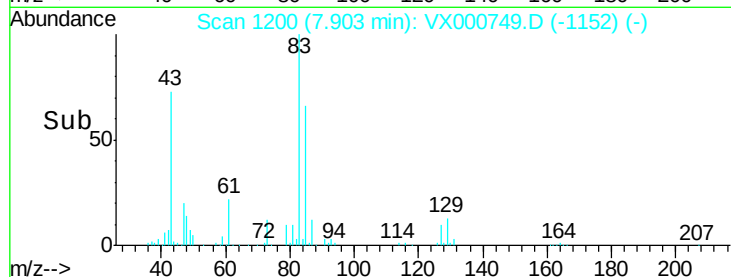
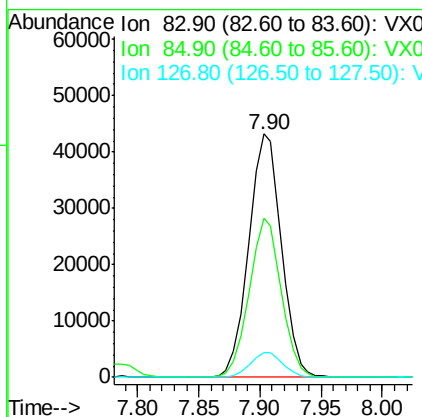
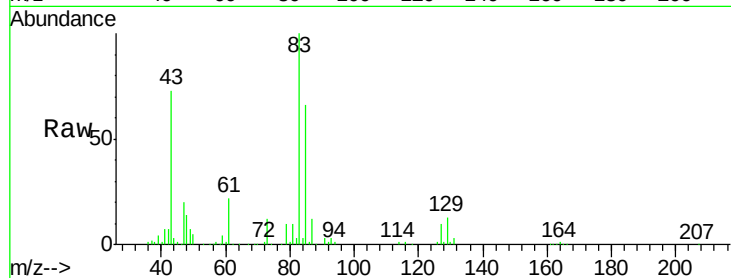




#47
 Bromodichloromethane
 Concen: 19.65 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

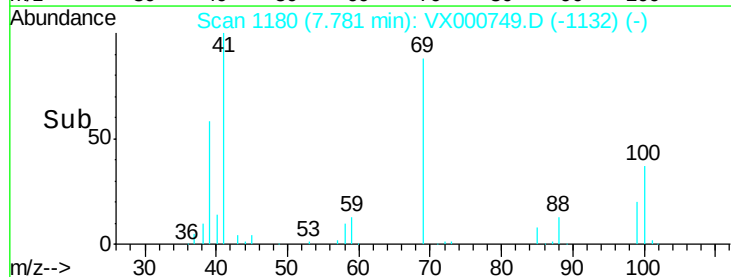
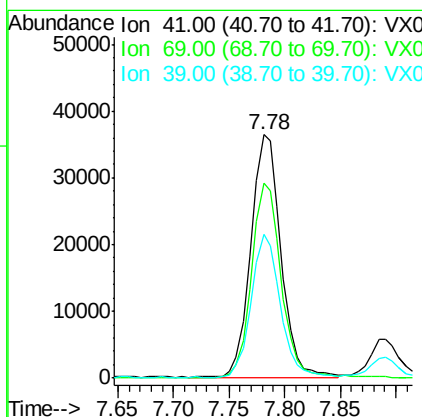
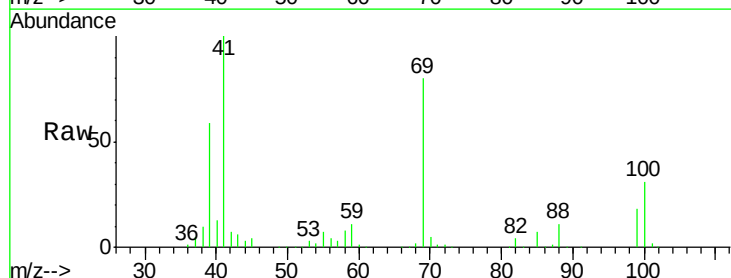
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

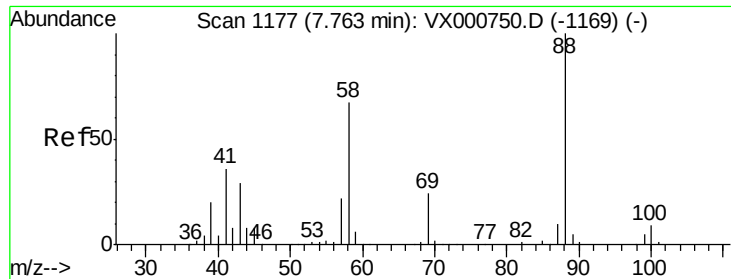
Tgt Ion: 83 Resp: 80345
 Ion Ratio Lower Upper
 83 100
 85 65.3 52.2 78.4
 127 10.2 7.8 11.8



#48
 Methyl methacrylate
 Concen: 19.31 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 41 Resp: 68355
 Ion Ratio Lower Upper
 41 100
 69 80.6 63.9 95.9
 39 56.8 45.9 68.9

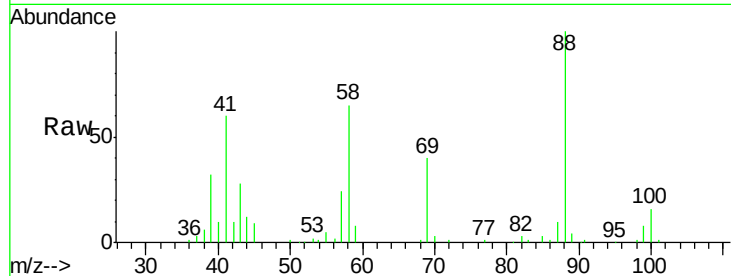




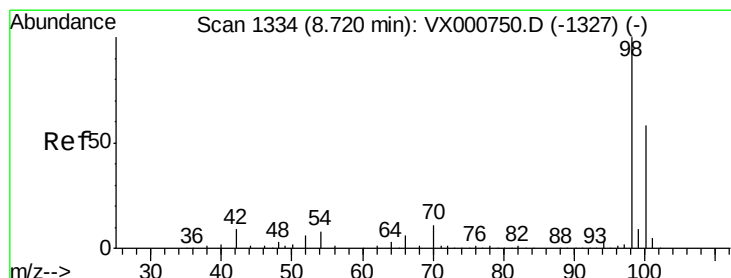
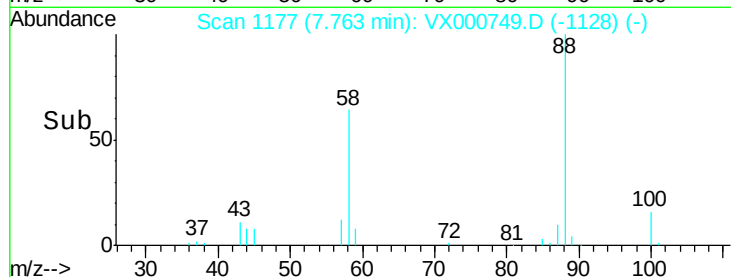
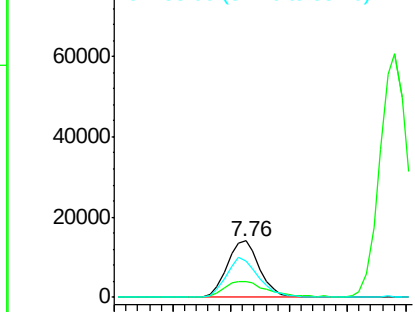
#49
1,4-Dioxane
Concen: 386.52 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 27538
Ion Ratio Lower Upper
88 100
43 34.6 25.8 38.8
58 69.7 54.4 81.6

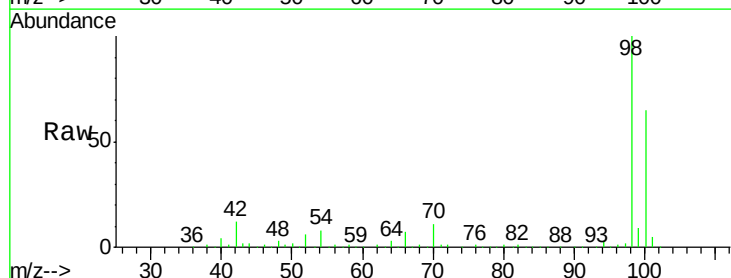


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

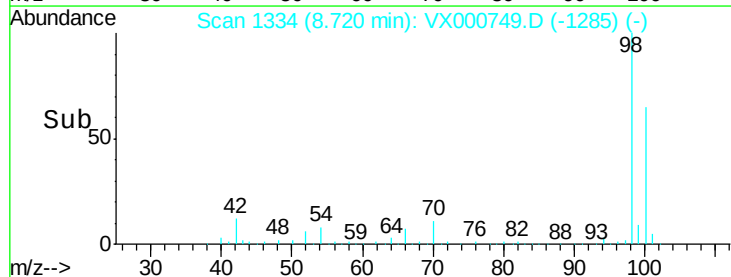
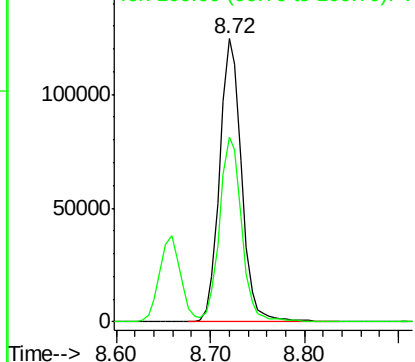


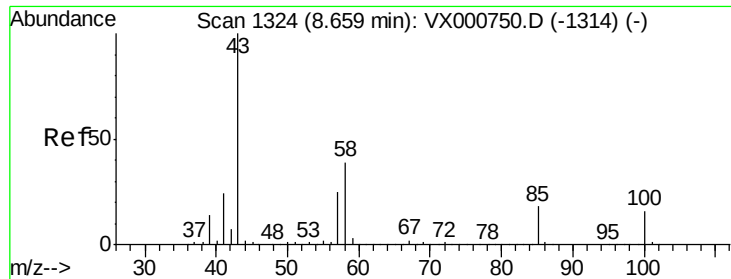
#50
Toluene-d8
Concen: 19.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 98 Resp: 201050
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



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

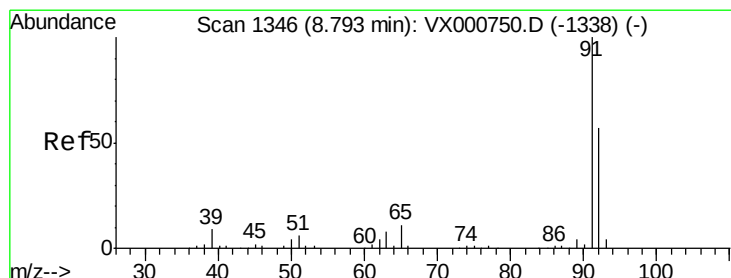
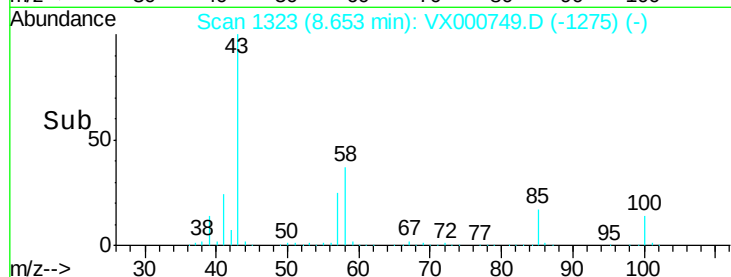
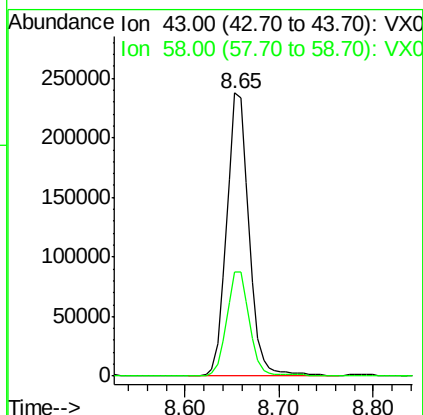
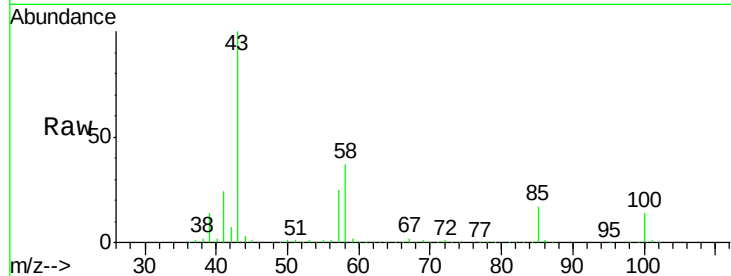




#51
 4-Methyl-2-Pentanone
 Concen: 96.63 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

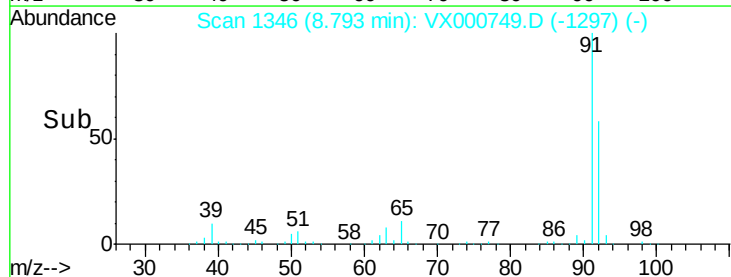
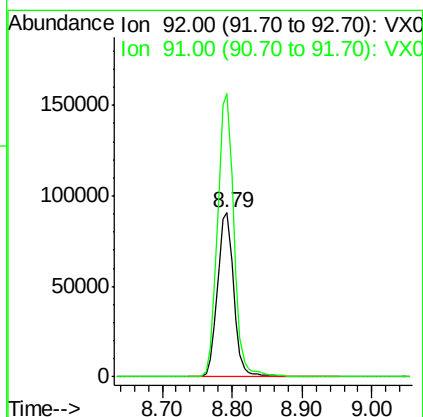
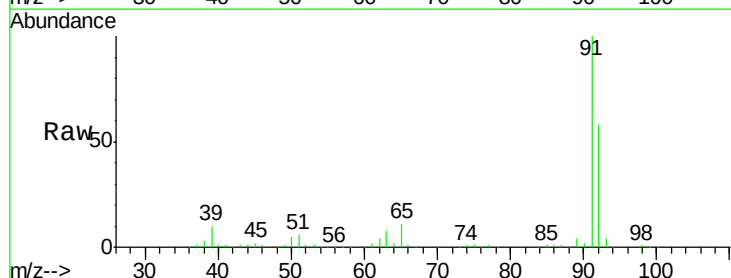
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

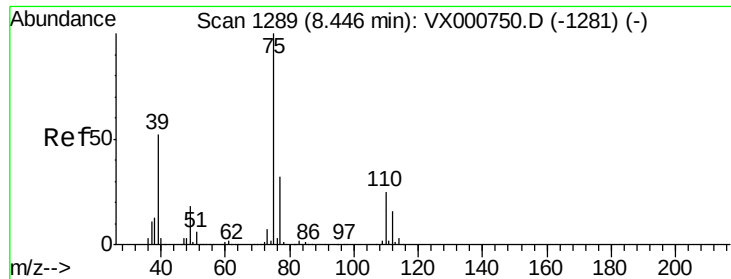
Tgt Ion: 43 Resp: 391425
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.3 45.5



#52
 Toluene
 Concen: 20.04 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 92 Resp: 147995
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

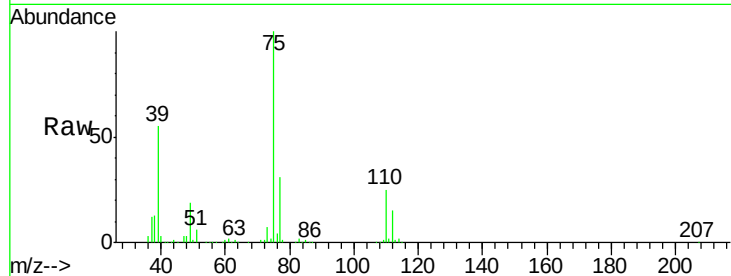
VSTDIC020

Tgt Ion: 75 Resp: 96249

Ion Ratio Lower Upper

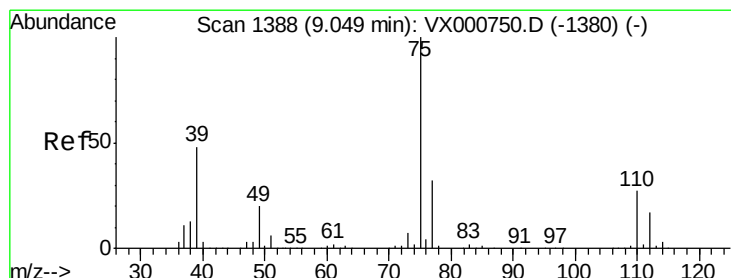
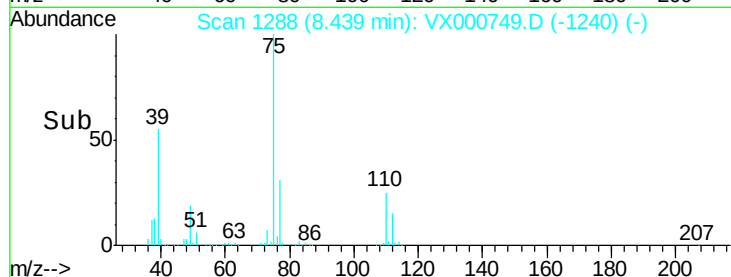
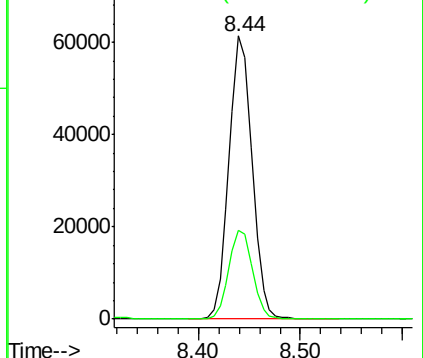
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.55 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

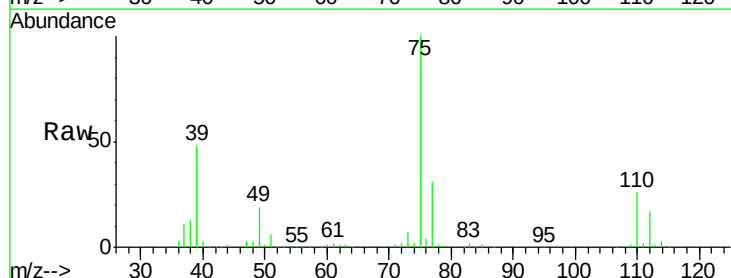
Tgt Ion: 75 Resp: 94035

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

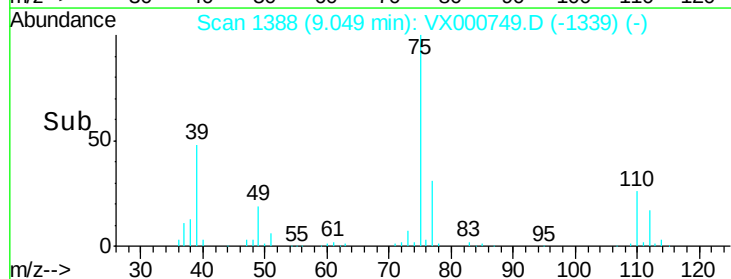
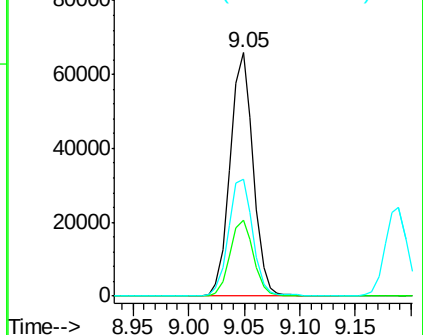
39 47.9 38.6 58.0

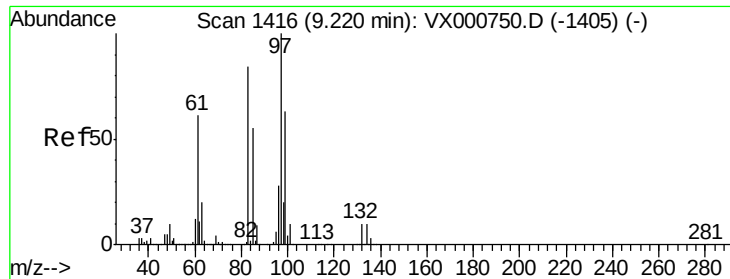


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

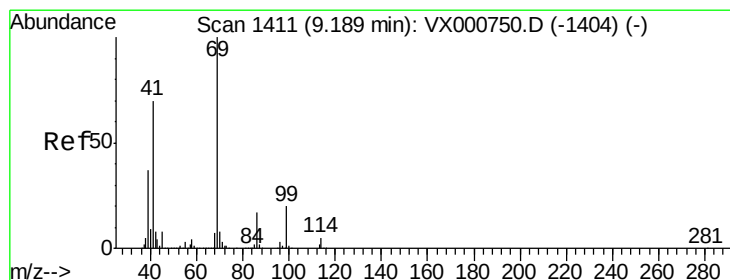
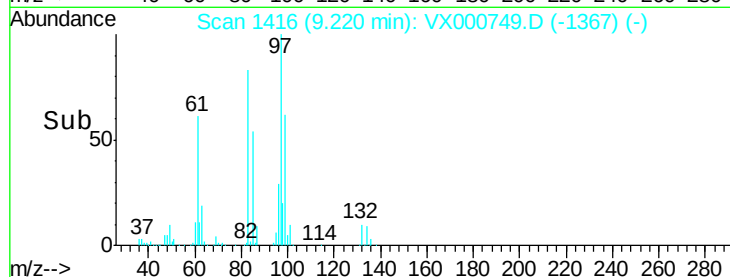
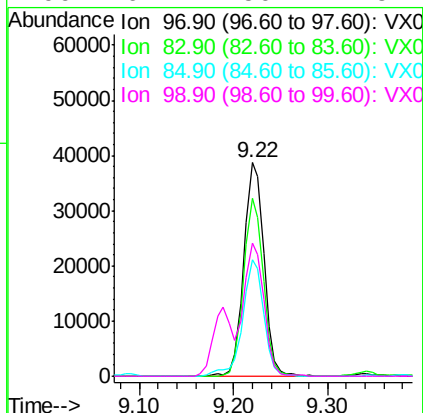
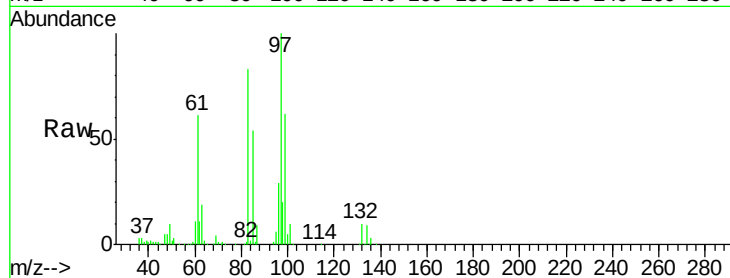




#55
 1,1,2-Trichloroethane
 Concen: 19.82 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

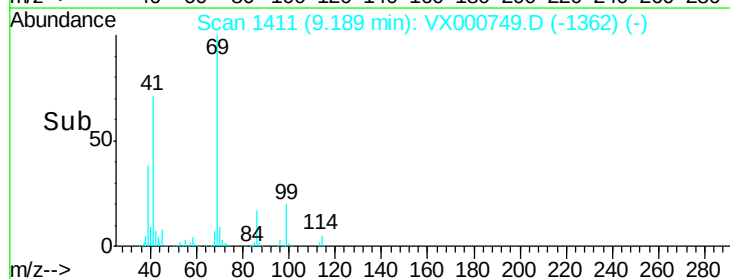
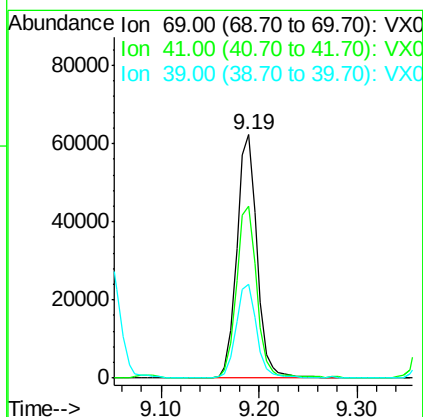
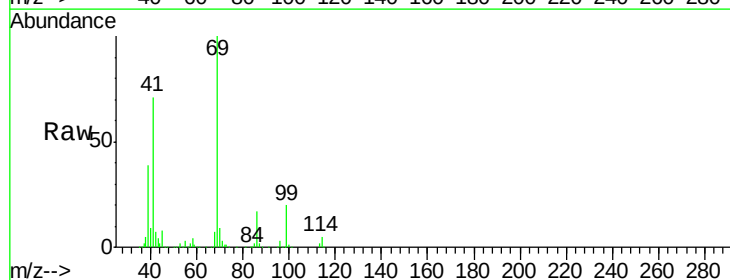
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

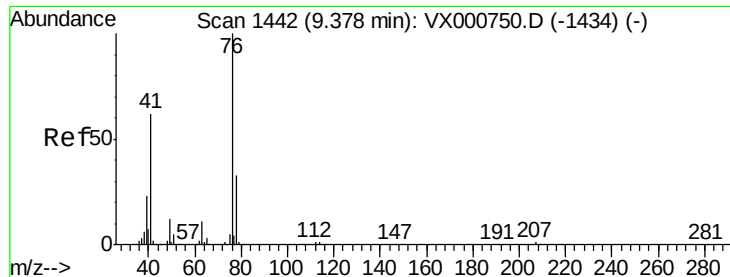
Tgt Ion:	97	Resp:	57791
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	54.4	43.8	65.6
99	62.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.41 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion:	69	Resp:	89341
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.6	83.4
39	38.9	30.3	45.5

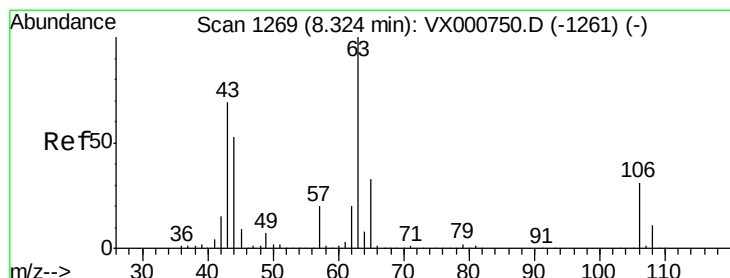
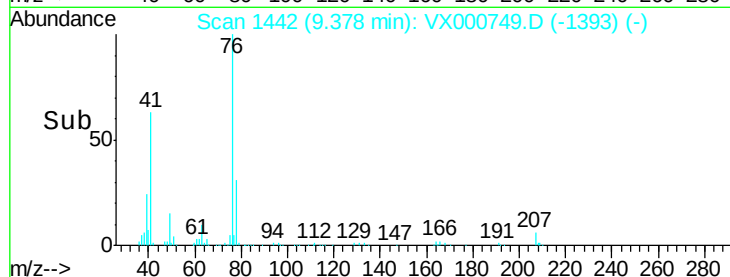
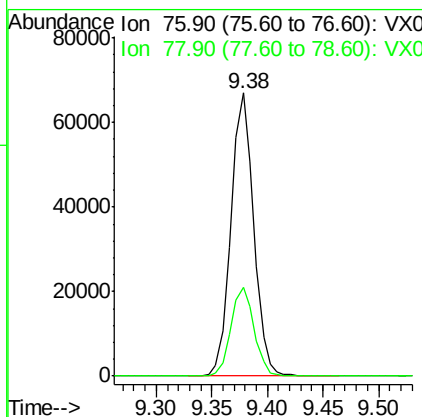
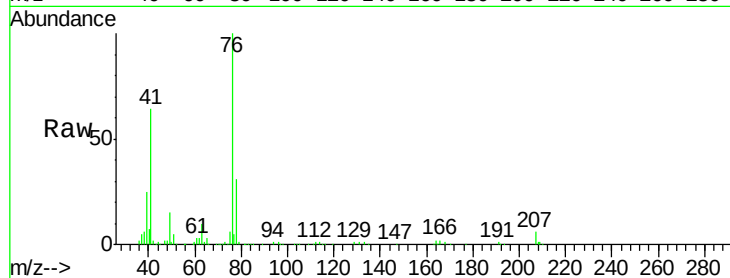




#57
 1,3-Dichloropropane
 Concen: 19.81 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

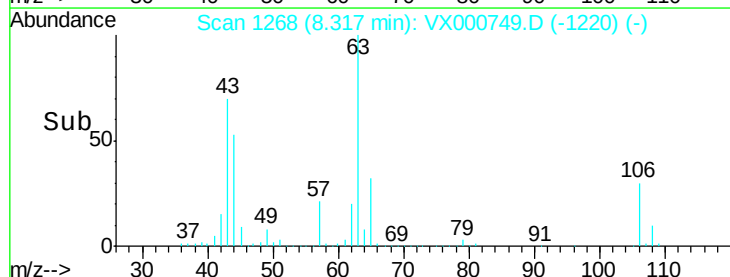
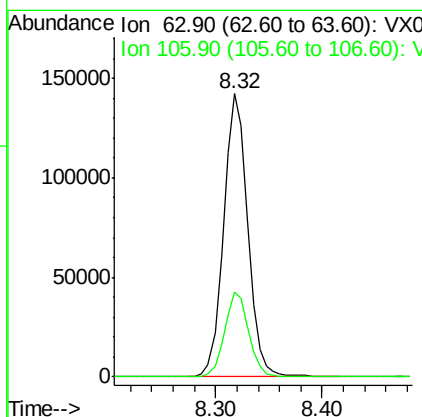
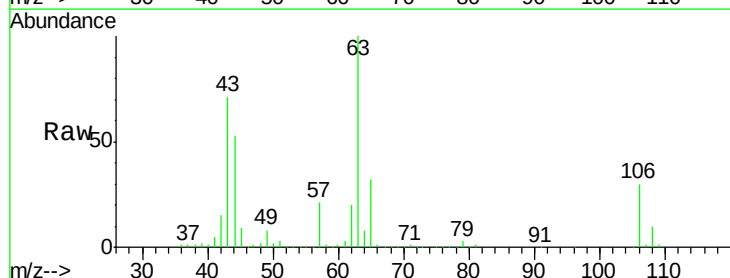
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

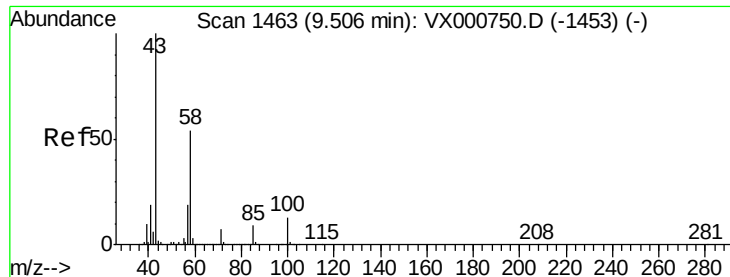
Tgt Ion: 76 Resp: 94559
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 63 Resp: 223561
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.3 36.5

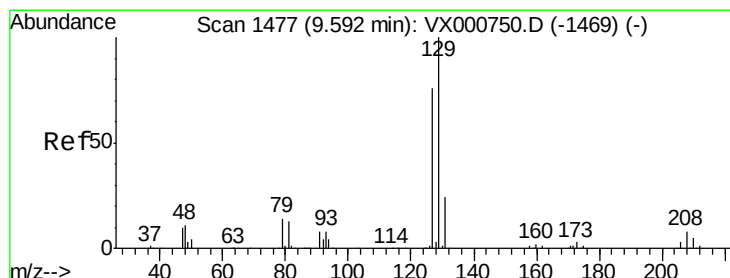
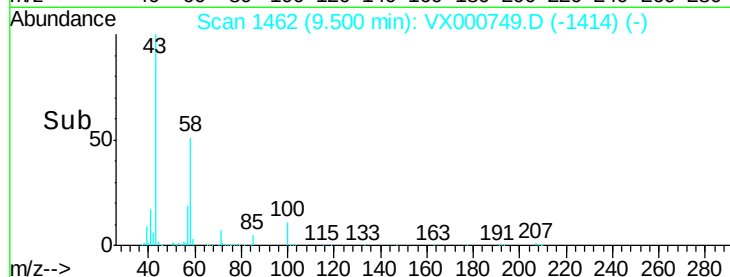
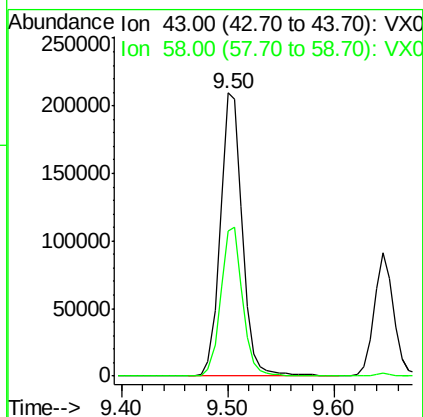
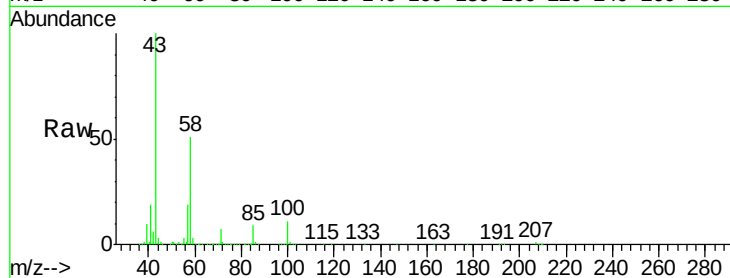




#59
2-Hexanone
Concen: 95.50 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

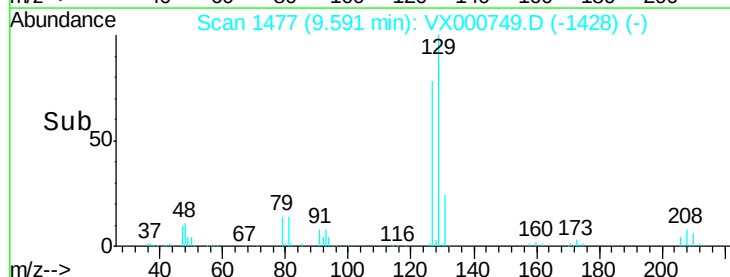
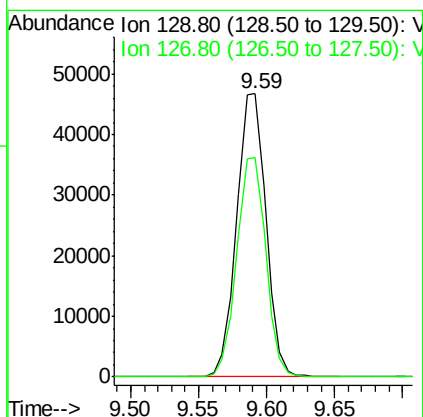
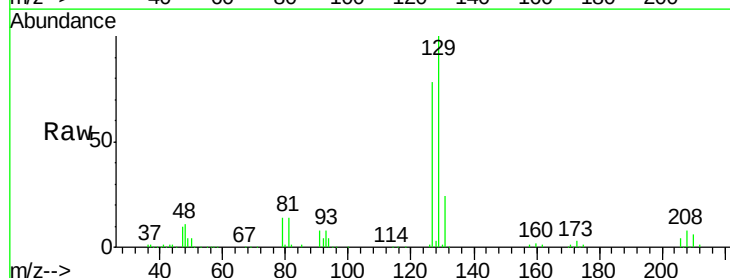
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

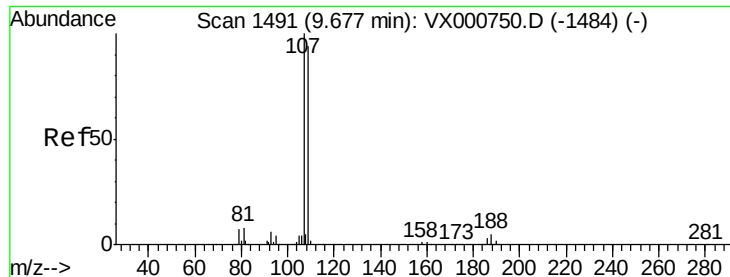
Tgt Ion: 43 Resp: 299910
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5



#60
Dibromochloromethane
Concen: 19.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 129 Resp: 70316
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1

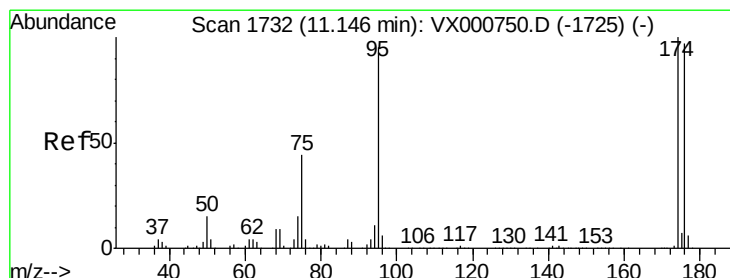
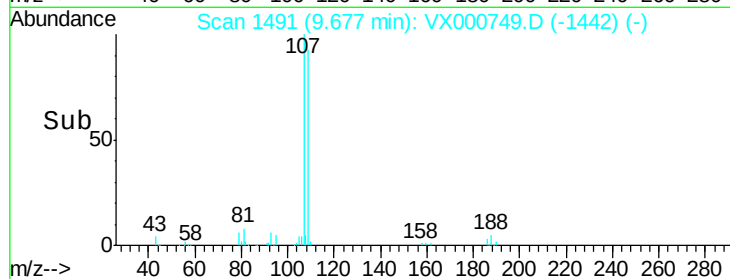
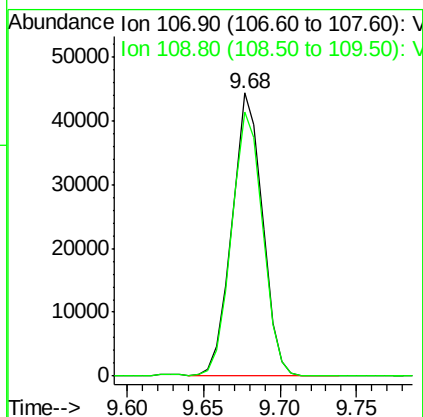
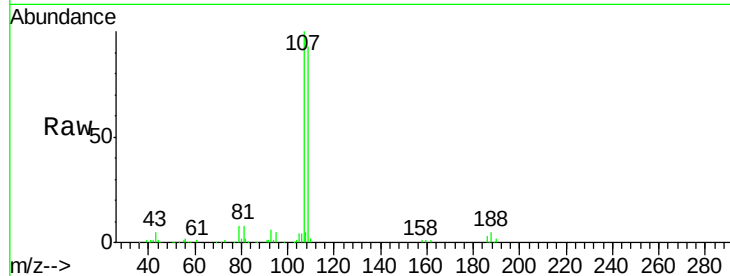




#61
 1,2-Dibromoethane
 Concen: 19.35 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

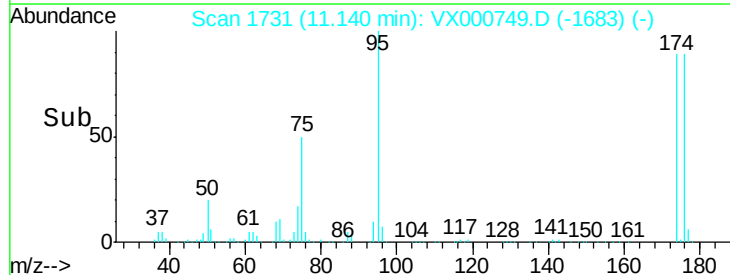
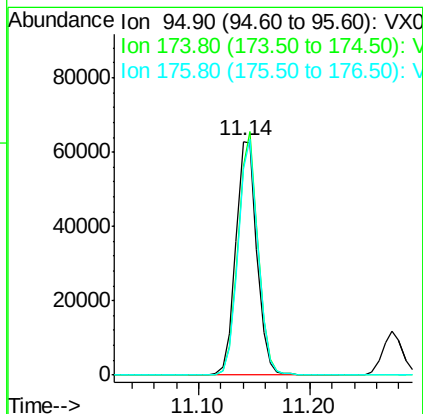
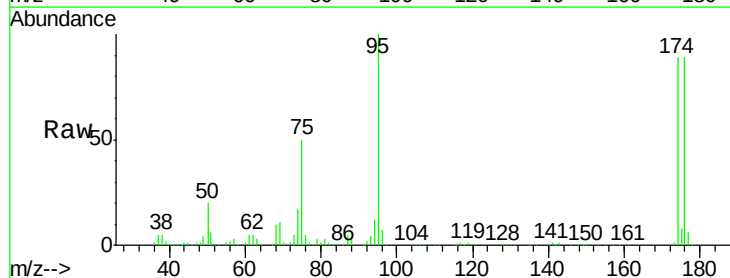
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

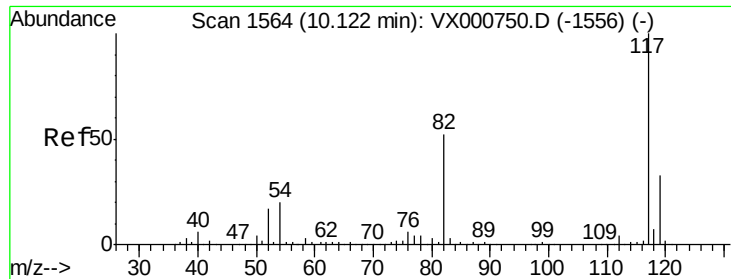
Tgt Ion: 107 Resp: 61479
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 19.71 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 95 Resp: 82638
 Ion Ratio Lower Upper
 95 100
 174 97.2 0.0 198.4
 176 95.2 0.0 194.4

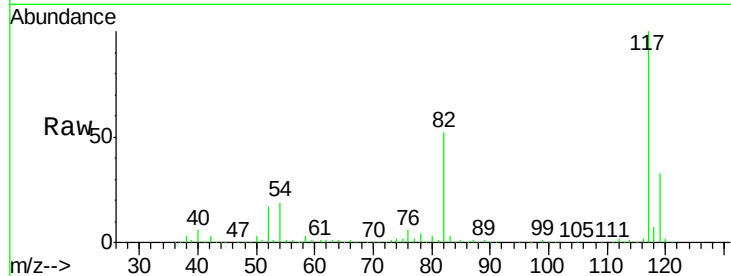




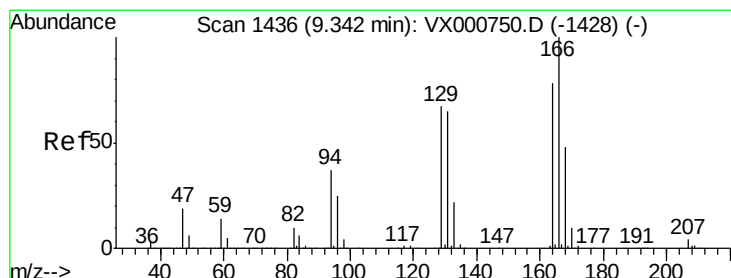
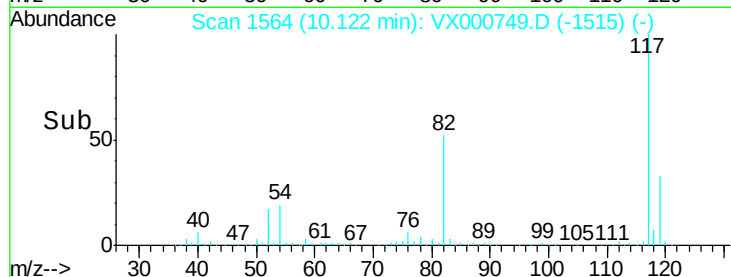
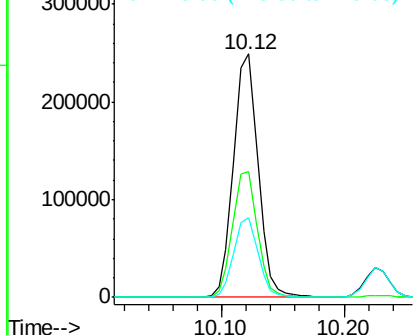
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 347112
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 33.0 26.0 39.0

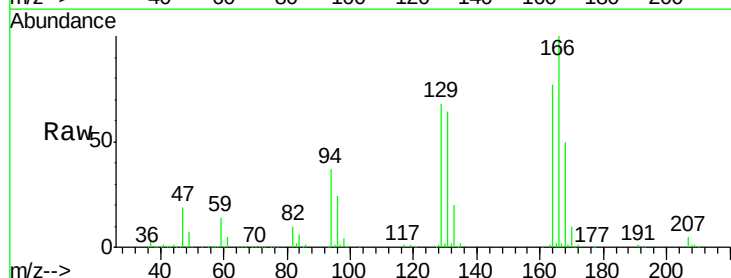


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

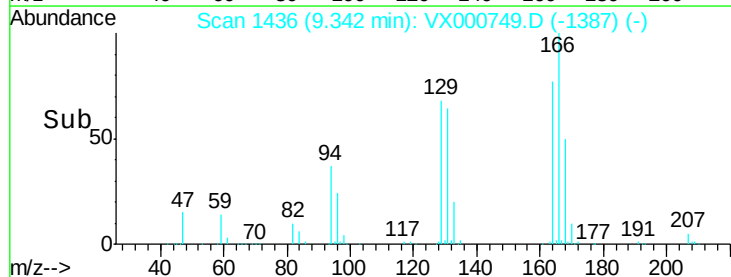
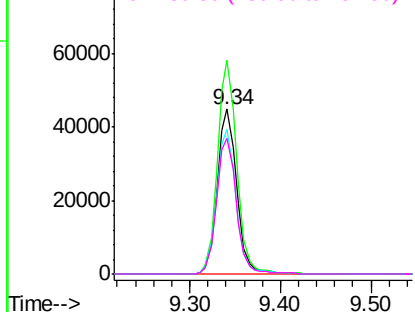


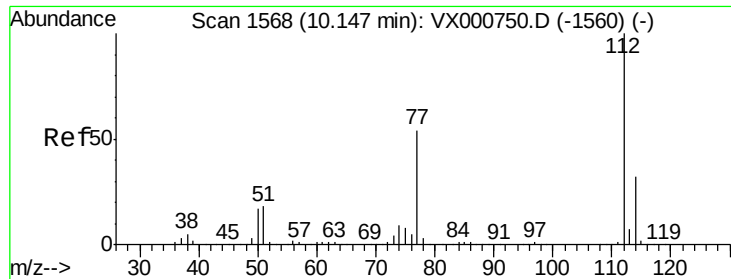
#64
Tetrachloroethene
Concen: 20.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion:164 Resp: 67605
Ion Ratio Lower Upper
164 100
166 129.7 102.8 154.2
129 87.6 68.5 102.7
131 82.4 66.6 100.0



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

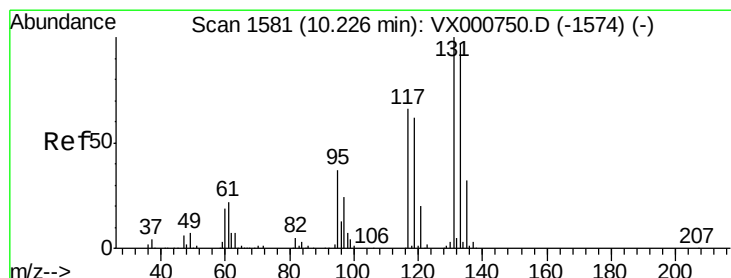
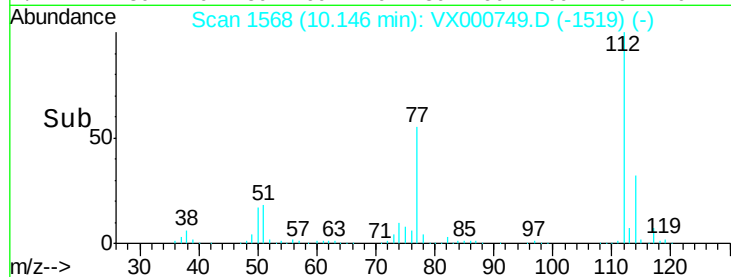
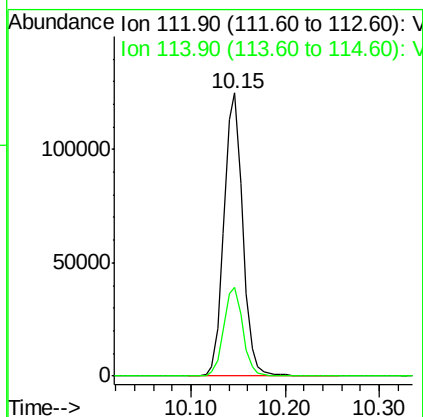
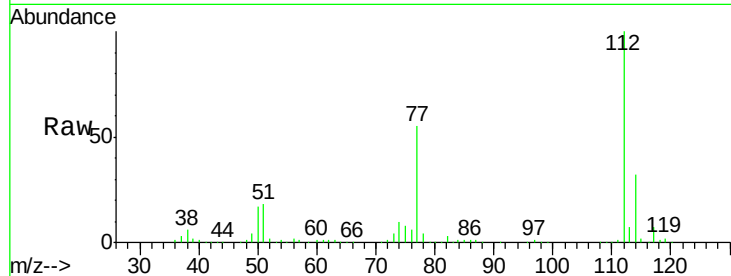




#65
Chlorobenzene
Concen: 19.90 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

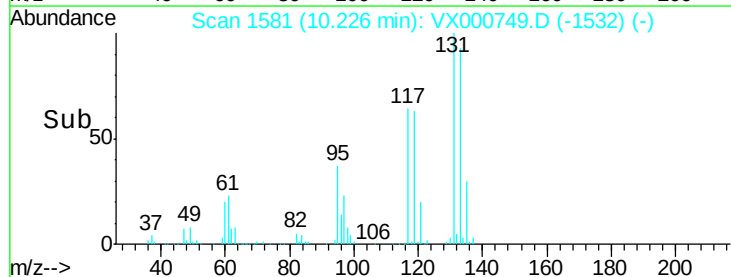
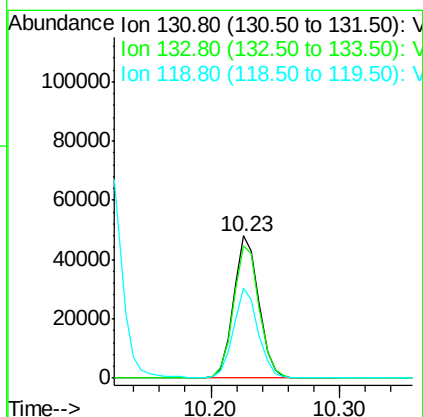
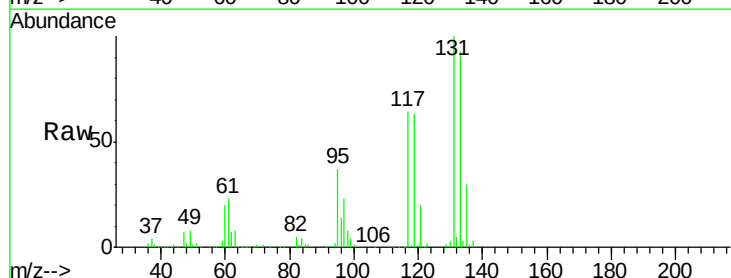
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

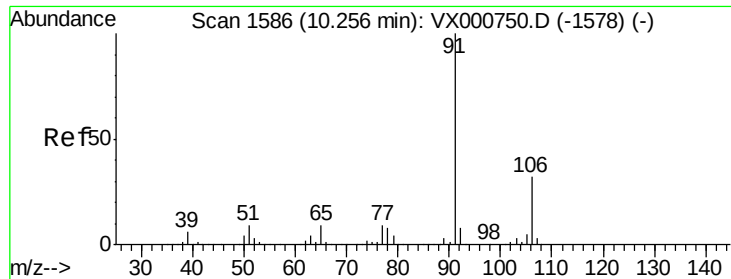
Tgt Ion:112 Resp: 172955
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion:131 Resp: 65315
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 62.3 31.4 94.0

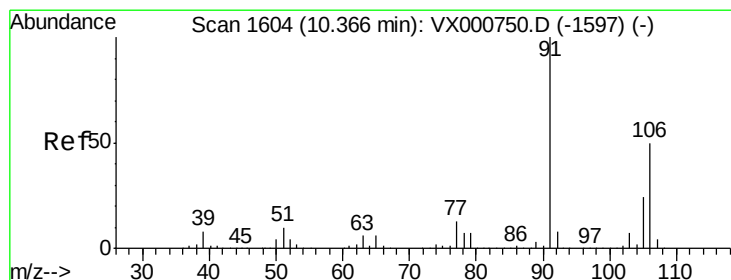
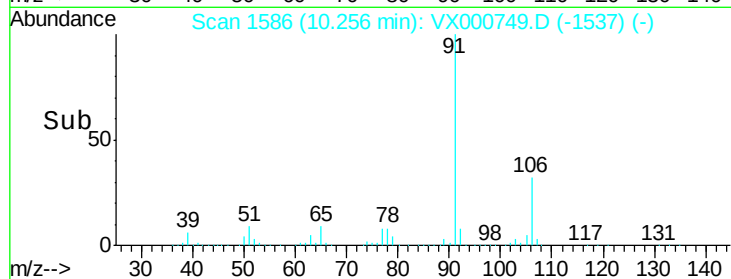
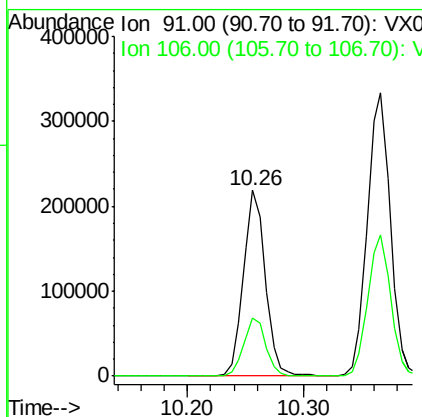
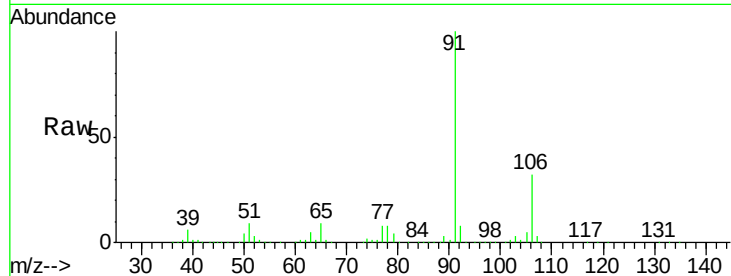




#67
Ethyl Benzene
Concen: 20.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

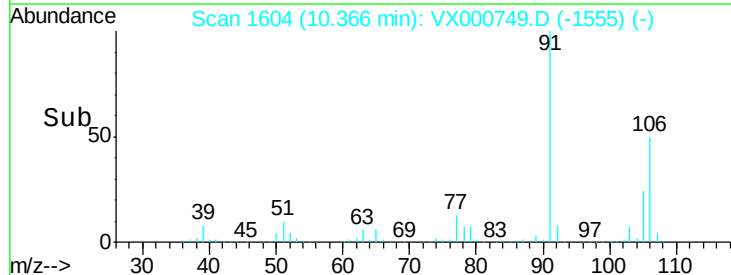
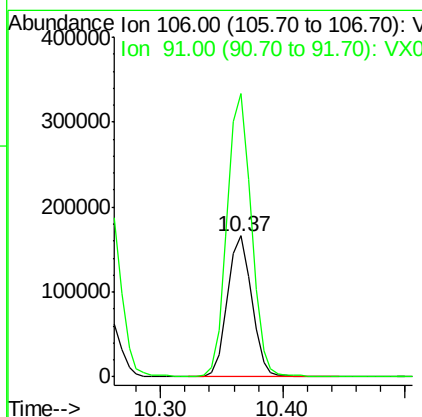
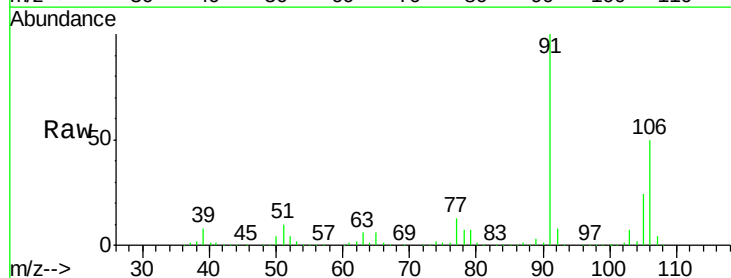
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

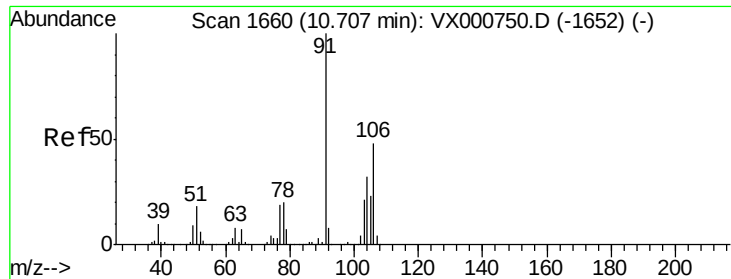
Tgt Ion: 91 Resp: 290499
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 39.80 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 106 Resp: 228039
Ion Ratio Lower Upper
106 100
91 201.6 159.3 238.9

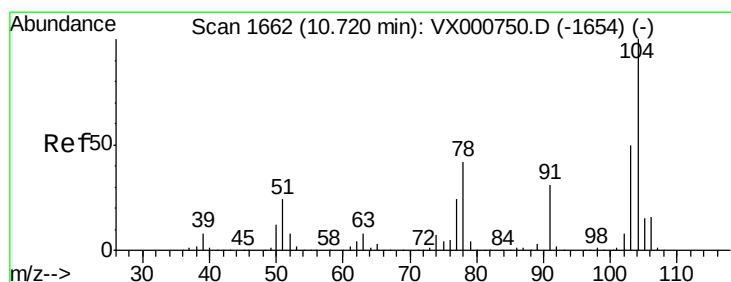
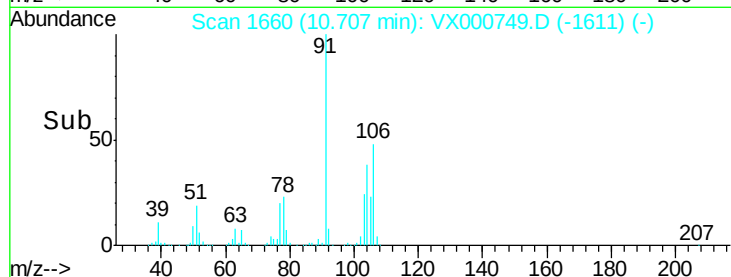
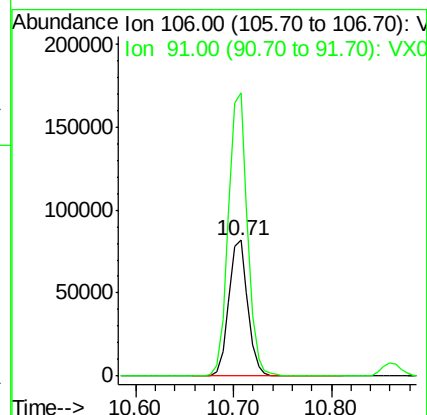
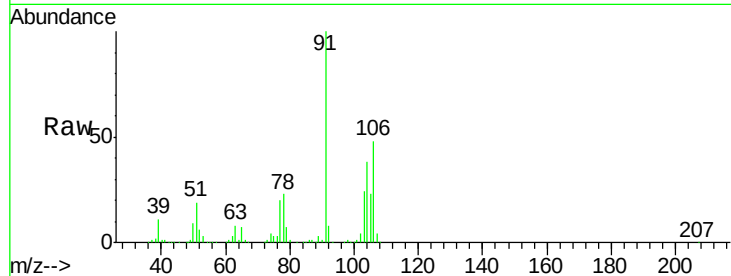




#69
o-Xylene
Concen: 19.78 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

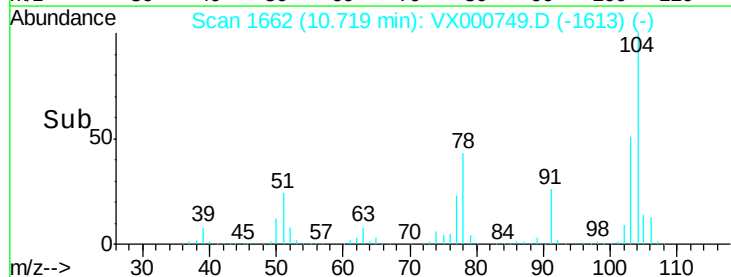
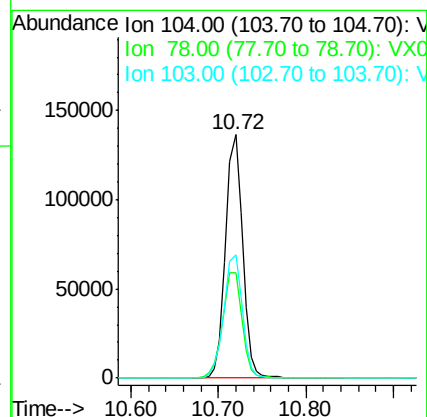
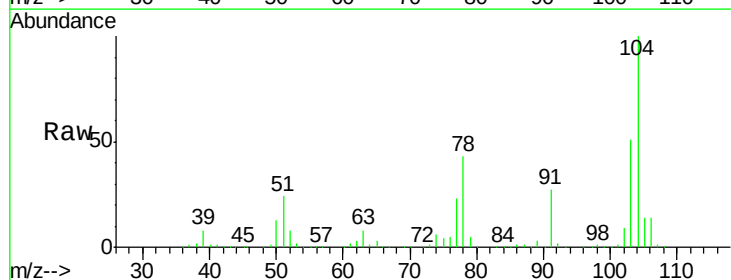
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

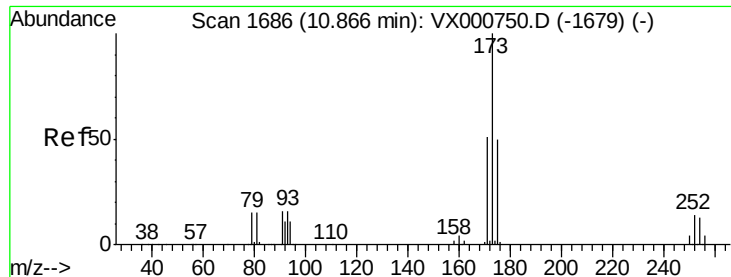
Tgt Ion:106 Resp: 110141
Ion Ratio Lower Upper
106 100
91 209.7 105.0 315.0



#70
Styrene
Concen: 19.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion:104 Resp: 184228
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.4 44.1 66.1





#71

Bromoform

Concen: 18.73 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

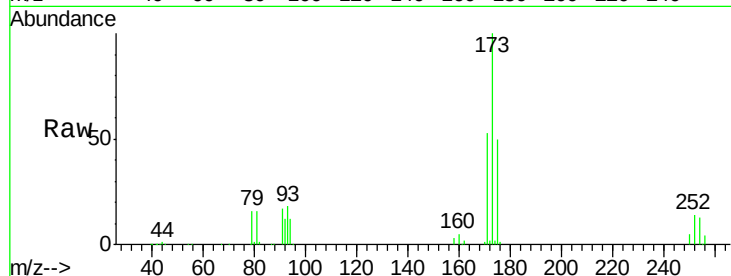
Tgt Ion:173 Resp: 59546

Ion Ratio Lower Upper

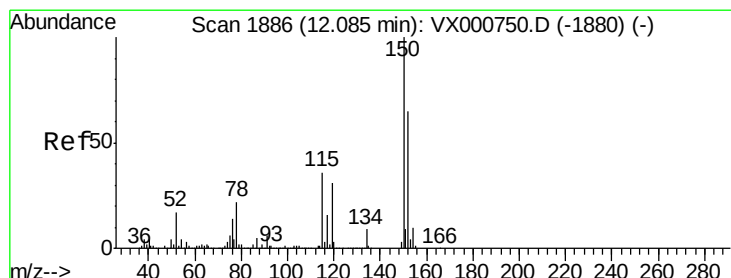
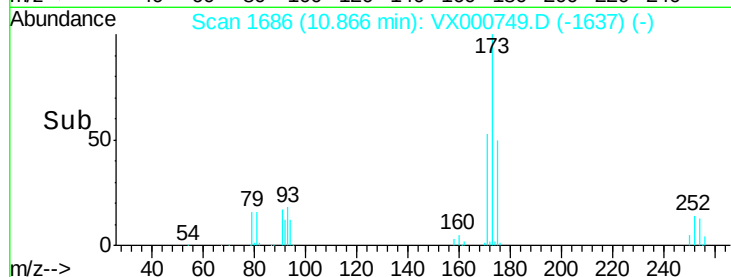
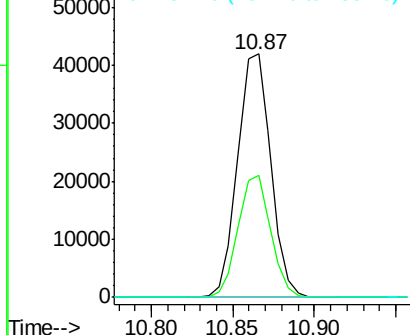
173 100

175 49.3 24.5 73.5

254 0.1 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

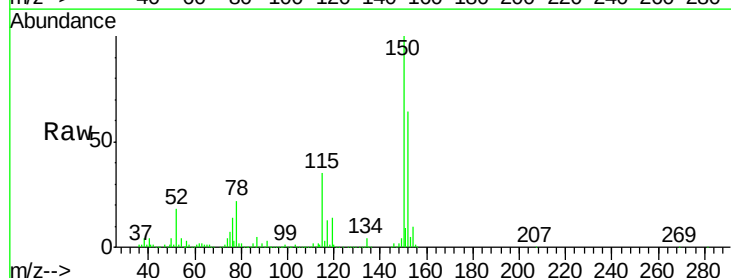
Tgt Ion:152 Resp: 237651

Ion Ratio Lower Upper

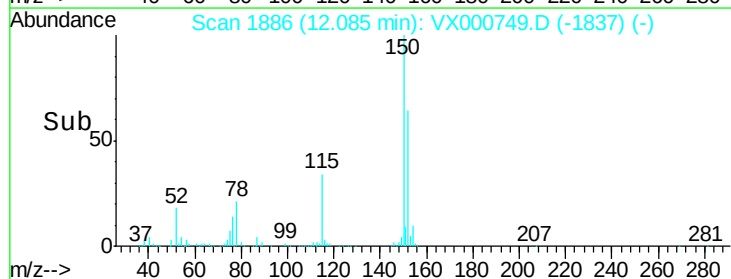
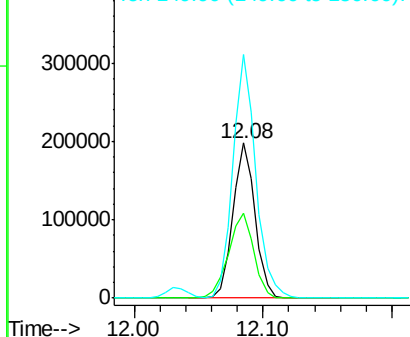
152 100

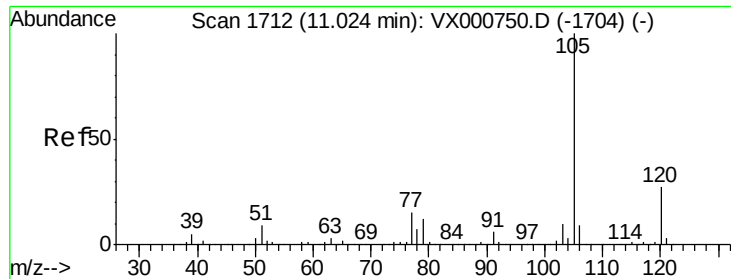
115 62.8 37.9 113.7

150 162.7 0.0 348.0



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





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

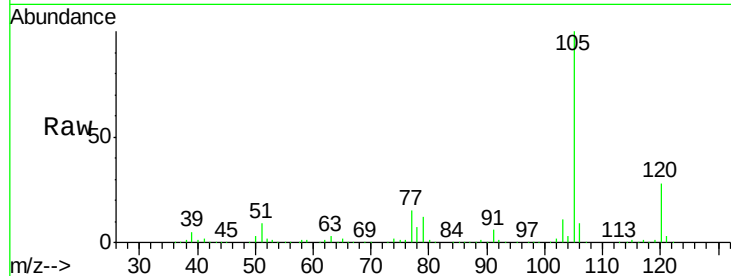
VSTDIC020

Tgt Ion:105 Resp: 302085

Ion Ratio Lower Upper

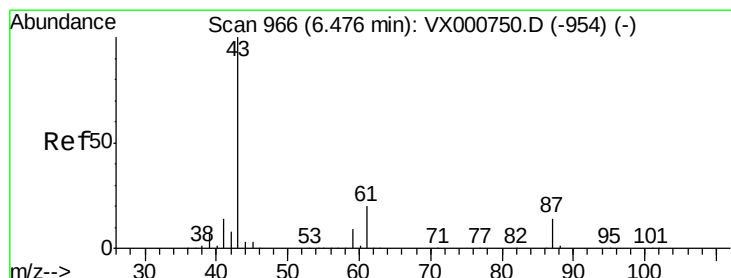
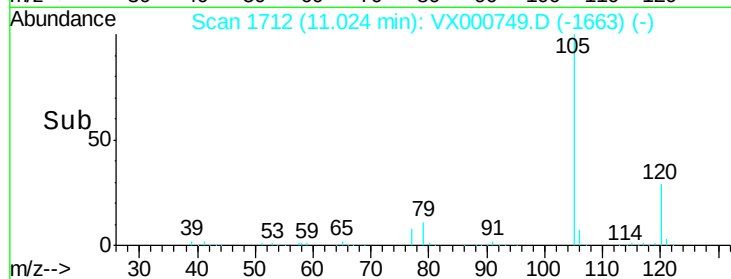
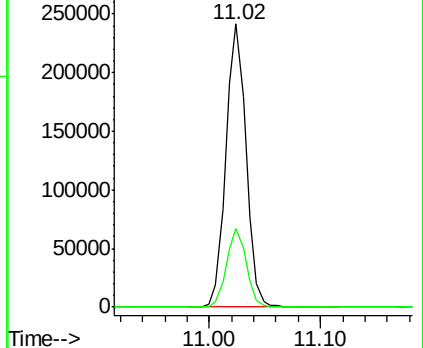
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Tgt Ion: 43 Resp: 133725

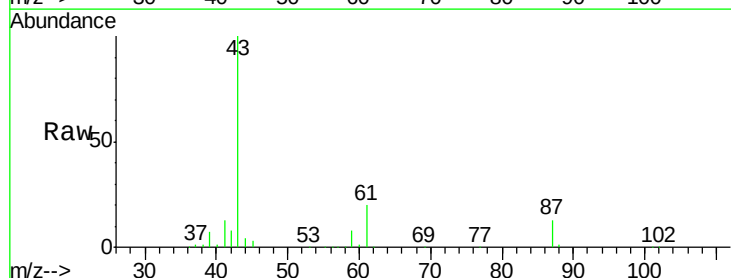
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.2 15.6 23.4

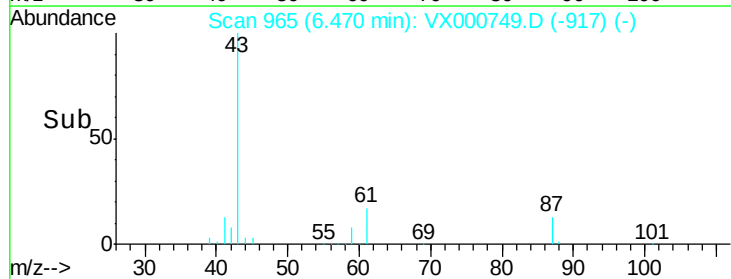
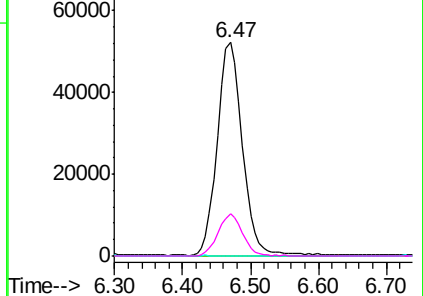


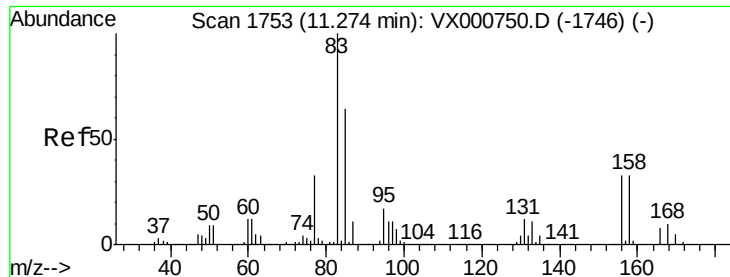
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

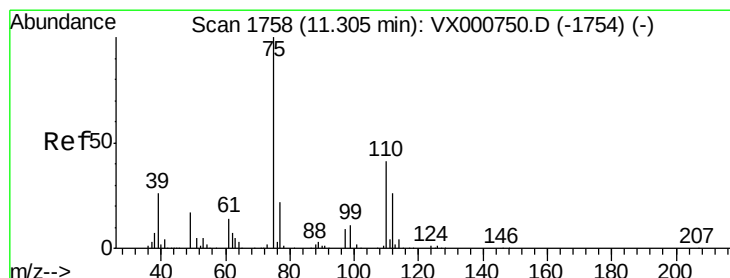
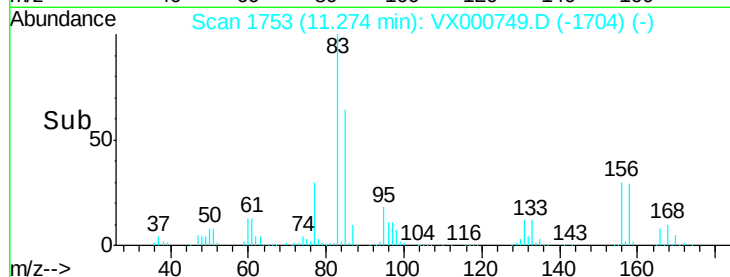
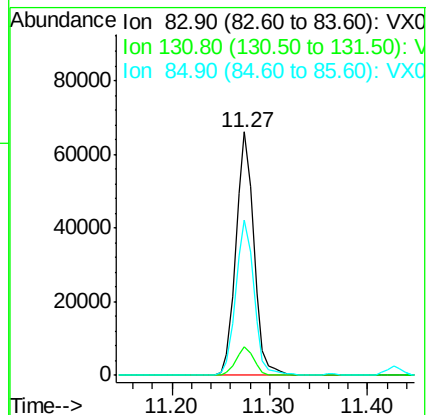
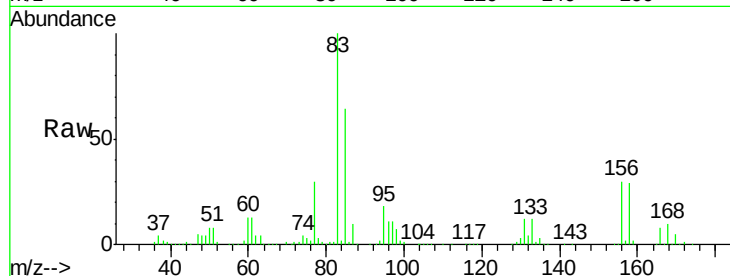
Tgt Ion: 83 Resp: 84118

Ion Ratio Lower Upper

83 100

131 11.6 6.0 18.0

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 24.60 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000749.D

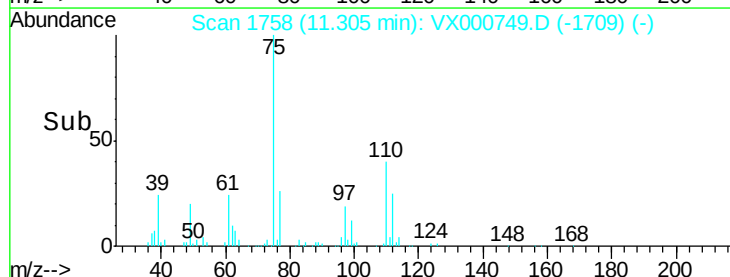
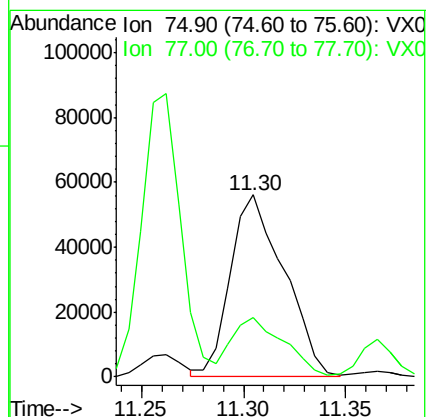
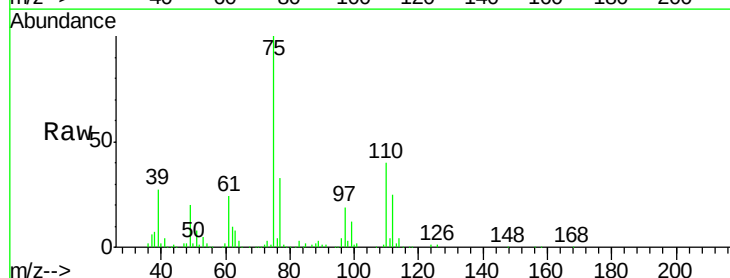
Acq: 10 Apr 2018 14:11

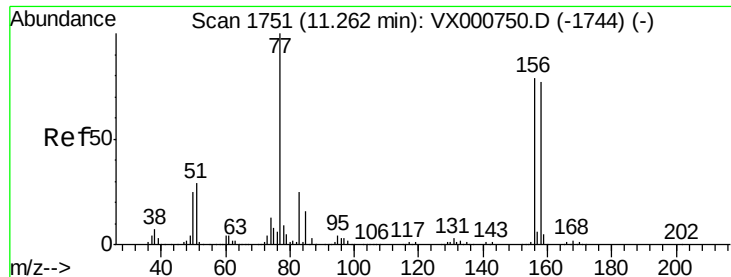
Tgt Ion: 75 Resp: 102484

Ion Ratio Lower Upper

75 100

77 31.5 20.5 61.5





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

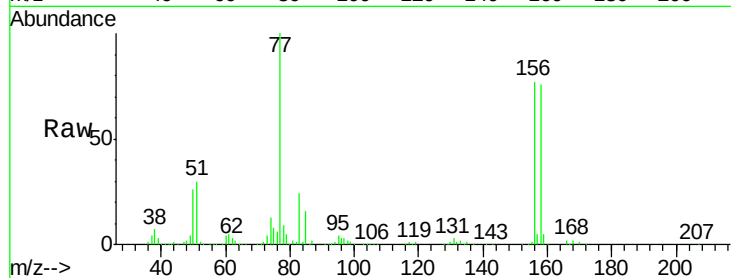
Tgt Ion:156 Resp: 85464

Ion Ratio Lower Upper

156 100

77 136.1 66.0 198.2

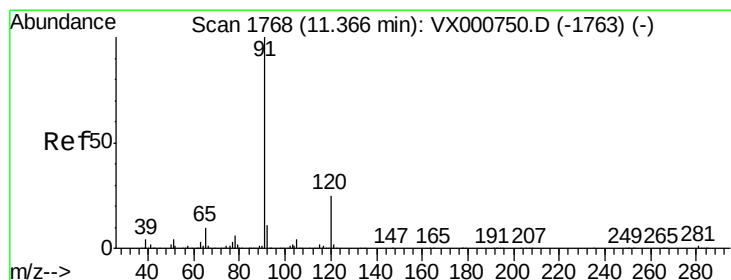
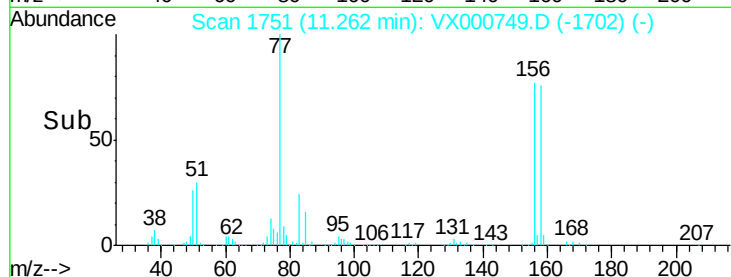
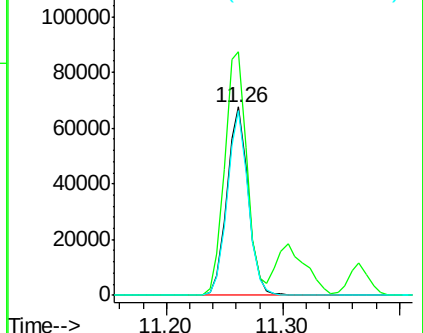
158 96.7 48.8 146.4



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: 20.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000749.D

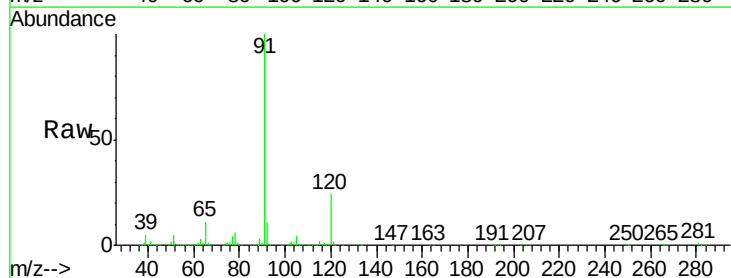
Acq: 10 Apr 2018 14:11

Tgt Ion: 91 Resp: 346138

Ion Ratio Lower Upper

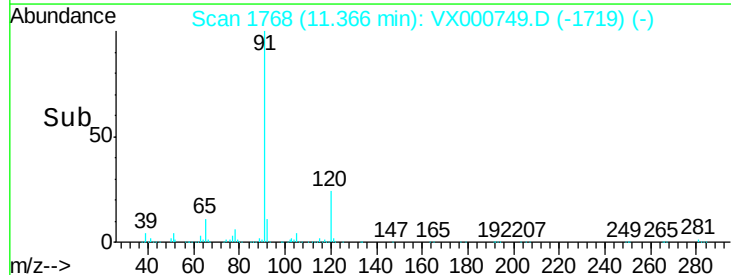
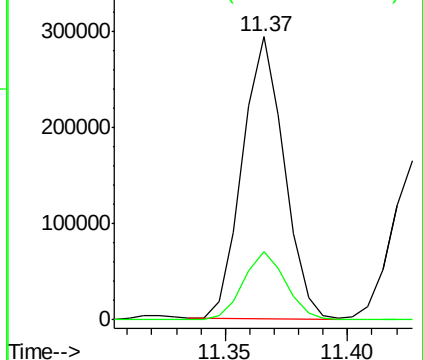
91 100

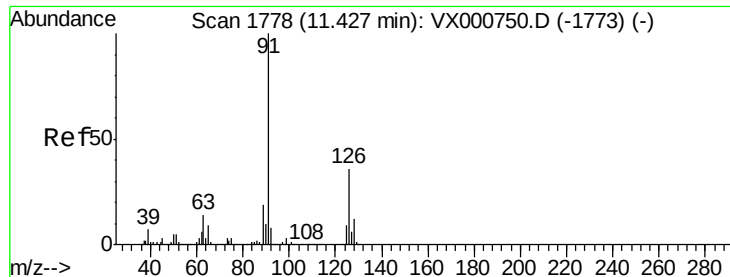
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

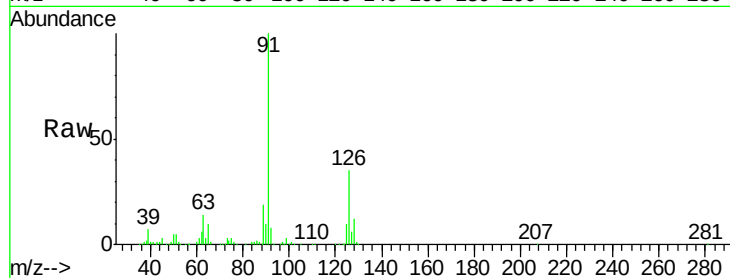
VSTDIC020

Tgt Ion: 91 Resp: 199294

Ion Ratio Lower Upper

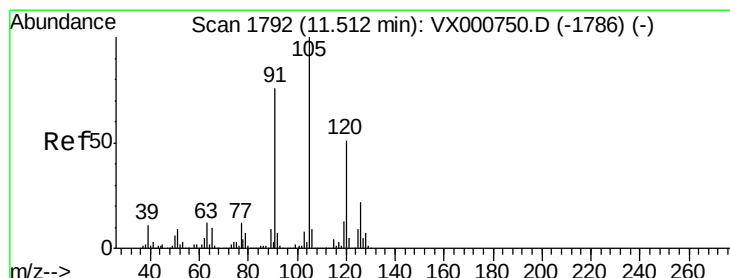
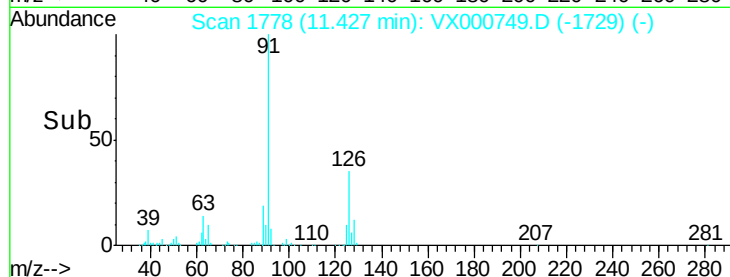
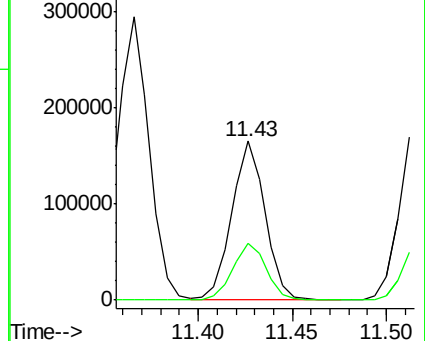
91 100

126 36.5 18.3 54.9



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: 19.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000749.D

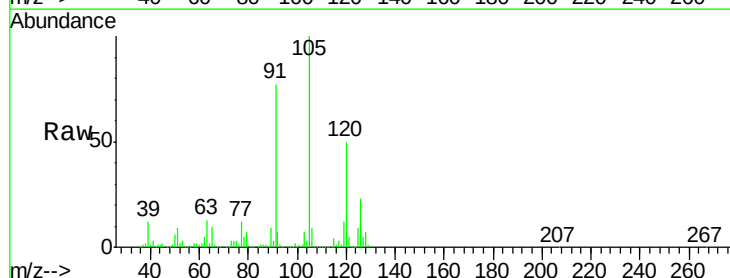
Acq: 10 Apr 2018 14:11

Tgt Ion: 105 Resp: 258893

Ion Ratio Lower Upper

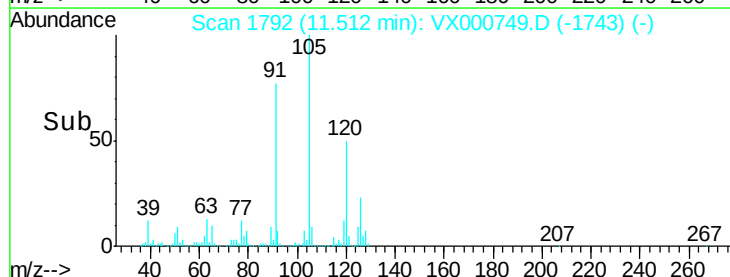
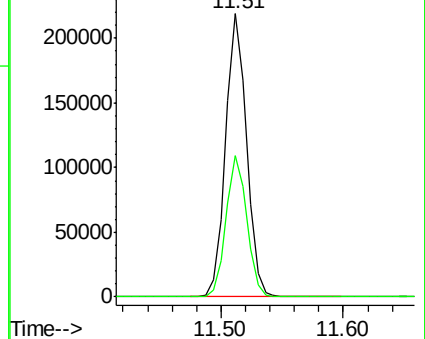
105 100

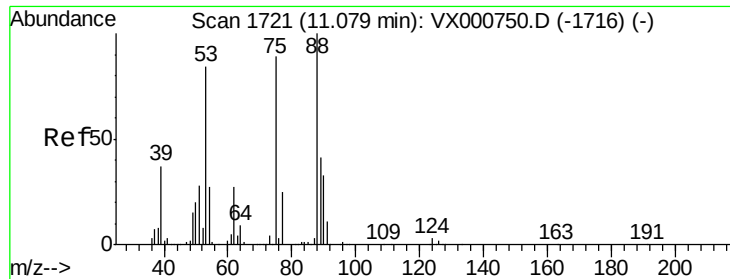
120 49.5 25.0 75.0



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: 18.48 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

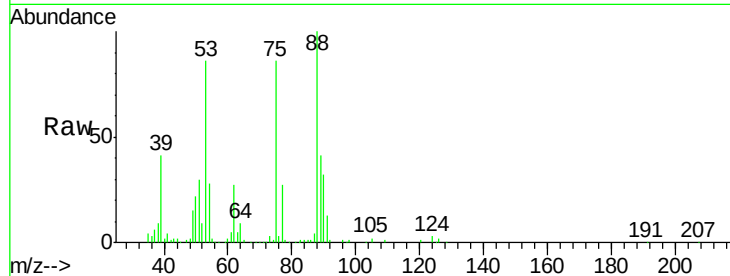
Tgt Ion: 75 Resp: 27979

Ion Ratio Lower Upper

75 100

53 98.4 75.4 113.0

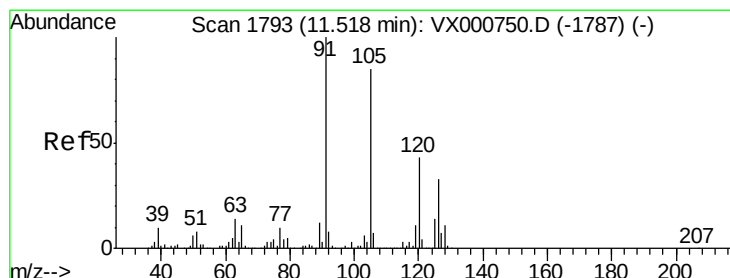
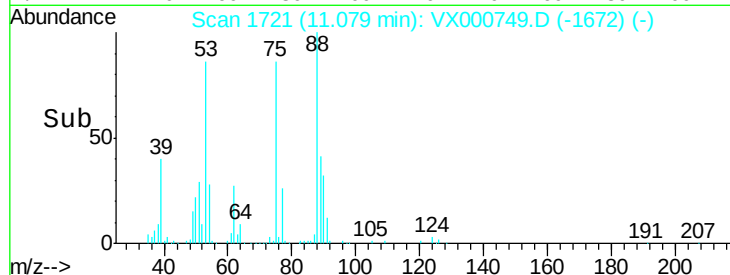
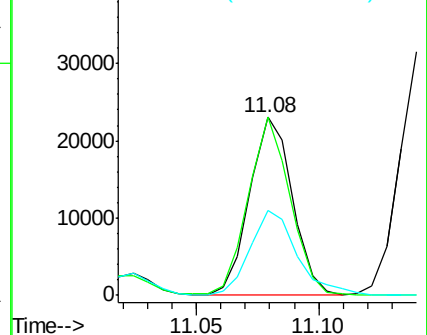
89 52.7 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000749.D

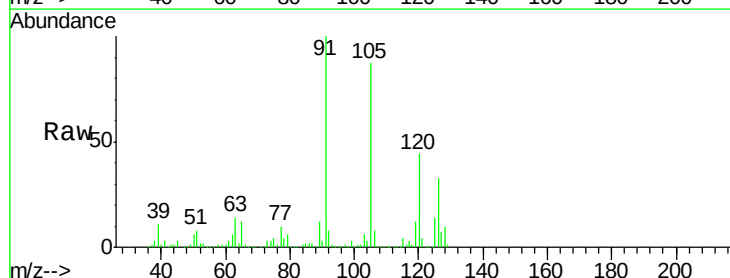
Acq: 10 Apr 2018 14:11

Tgt Ion: 91 Resp: 244261

Ion Ratio Lower Upper

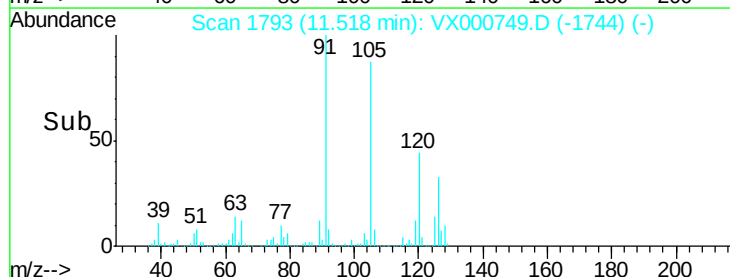
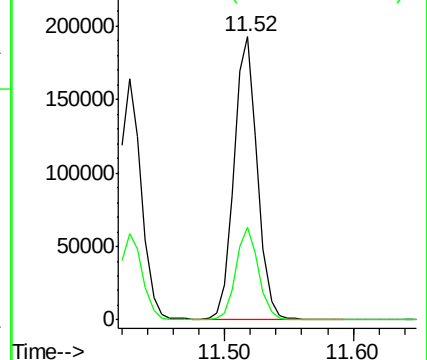
91 100

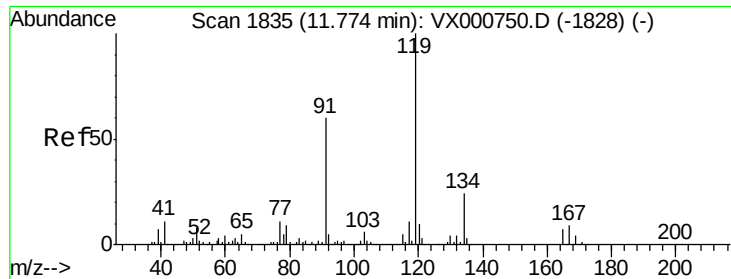
126 31.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

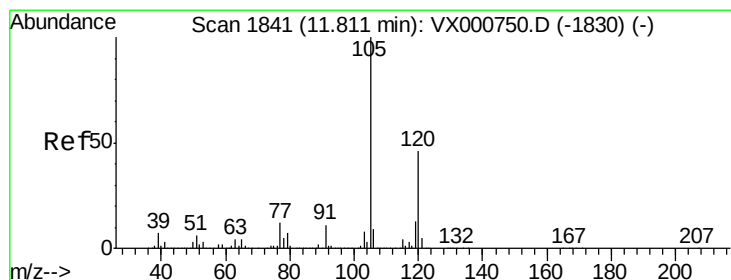
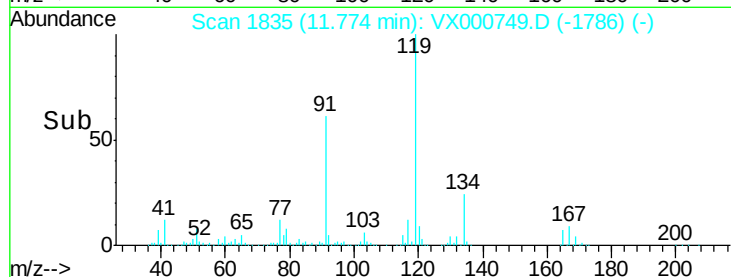
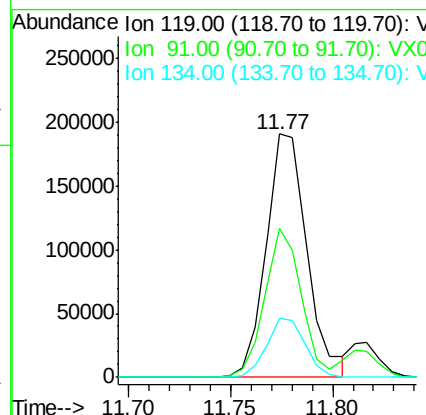
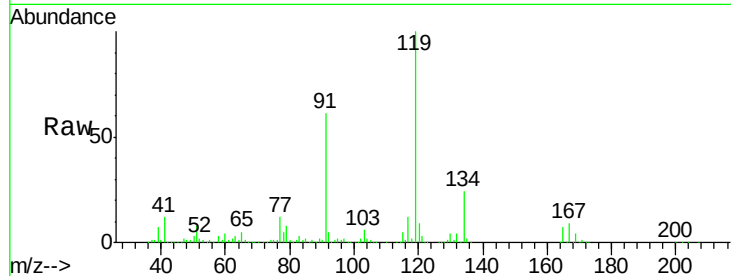




#83
 tert-Butylbenzene
 Concen: 19.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

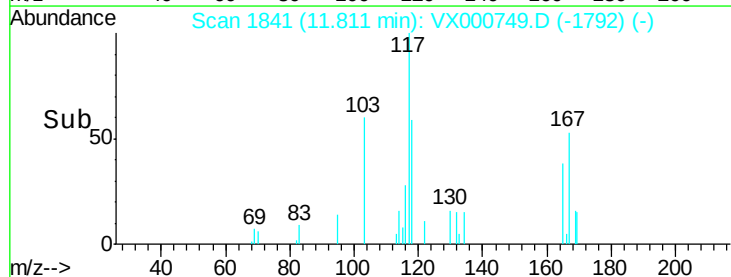
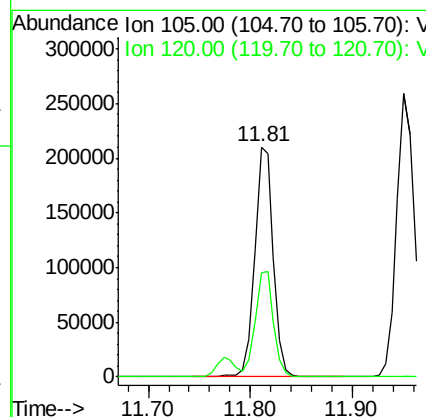
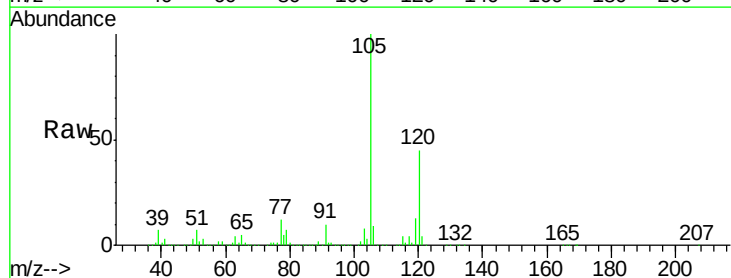
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

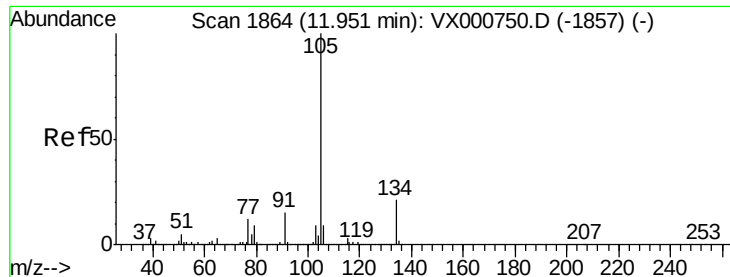
Tgt Ion:119 Resp: 266894
 Ion Ratio Lower Upper
 119 100
 91 54.4 26.8 80.3
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion:105 Resp: 266258
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.08 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

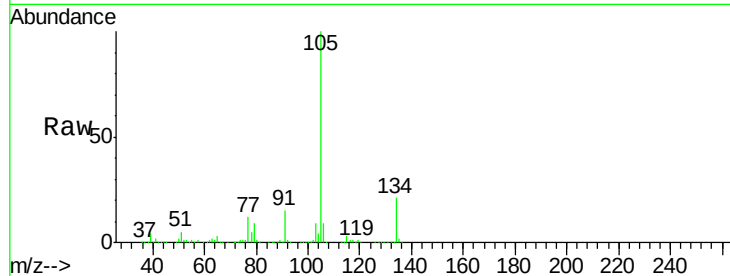
VSTDIC020

Tgt Ion:105 Resp: 314528

Ion Ratio Lower Upper

105 100

134 21.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

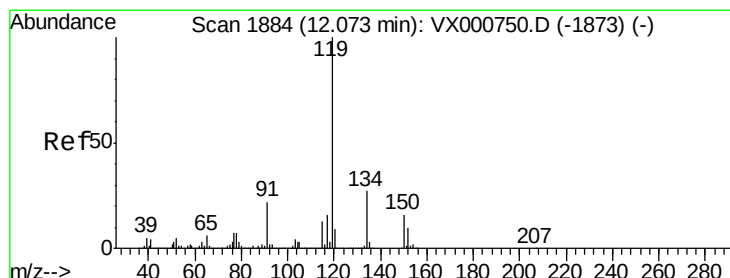
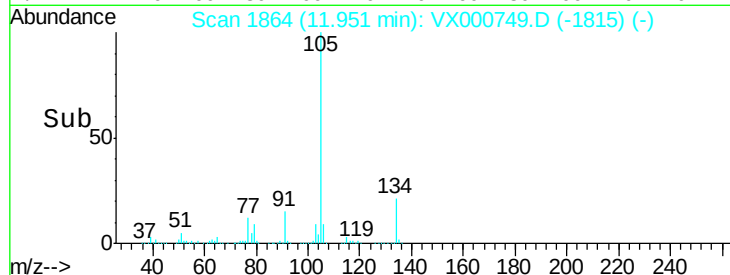
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.16 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

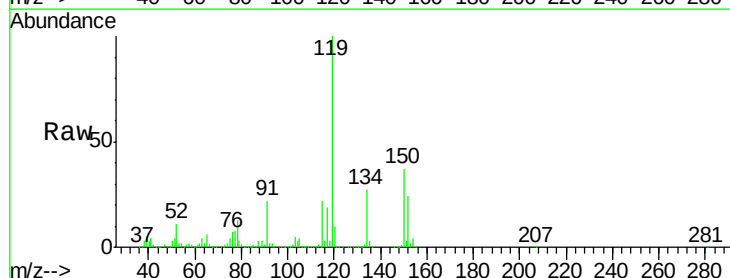
Tgt Ion:119 Resp: 293991

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.7 11.2 33.5



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

300000

250000

200000

150000

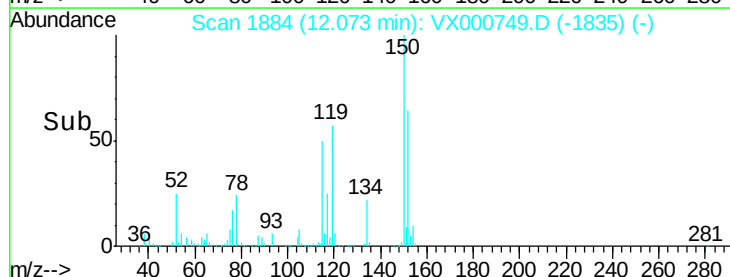
100000

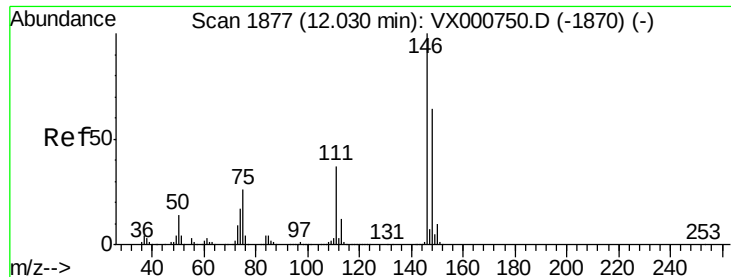
50000

0

12.00 12.07 12.20

Time-->

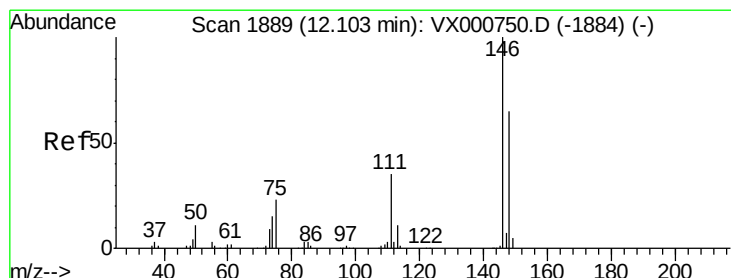
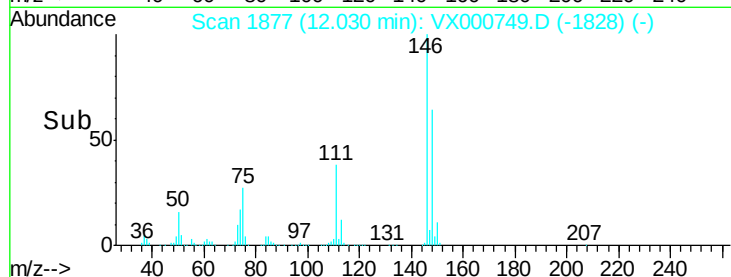
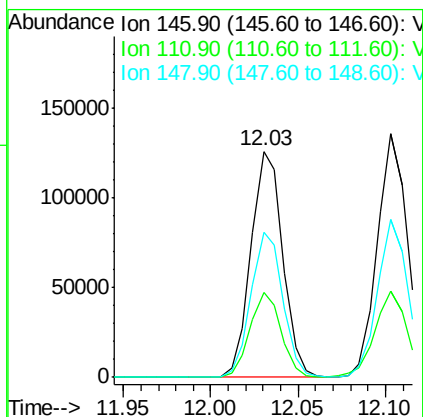
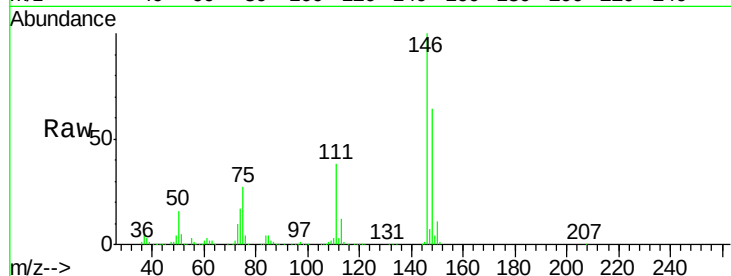




#87
 1,3-Dichlorobenzene
 Concen: 19.65 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

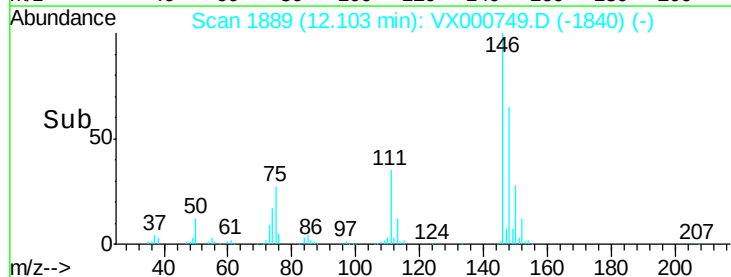
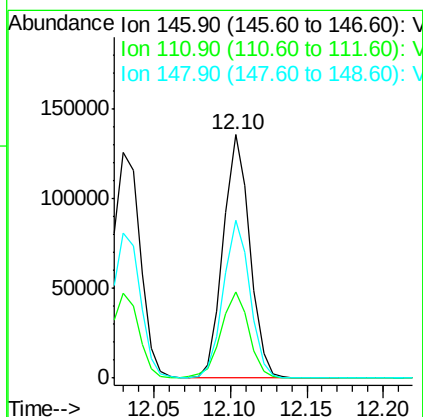
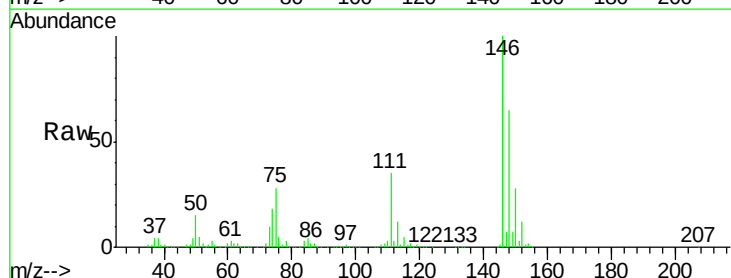
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

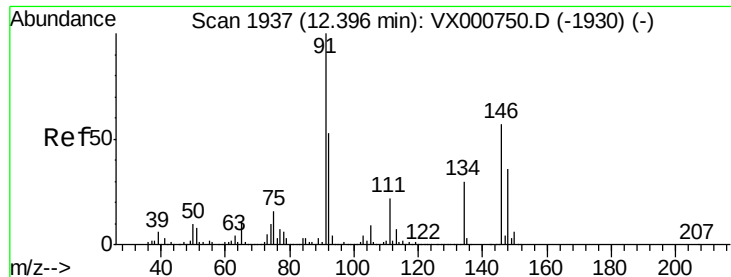
Tgt Ion:146 Resp: 159292
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.3 54.8
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion:146 Resp: 162722
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.8
 148 65.3 32.6 97.7

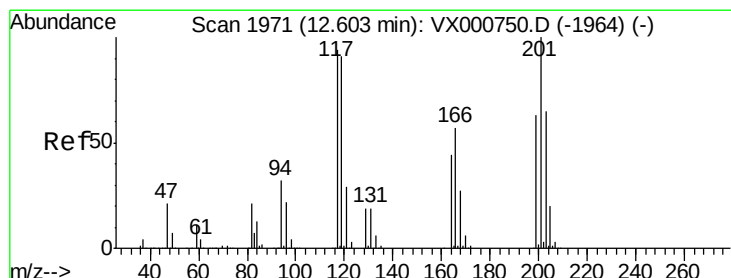
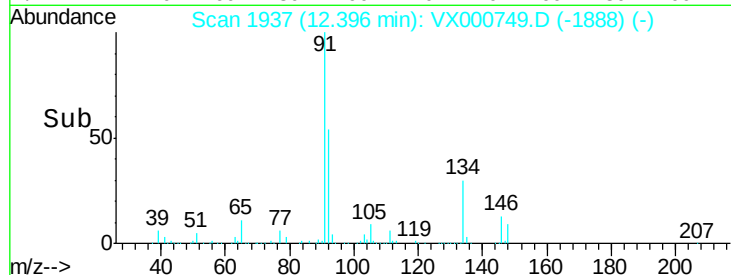
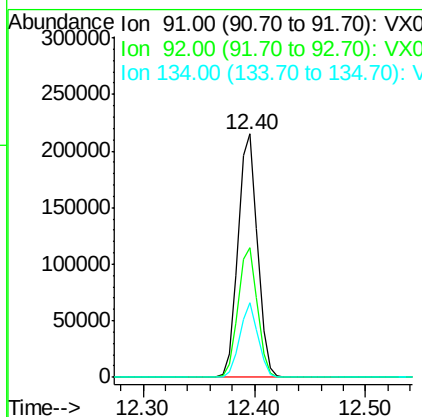
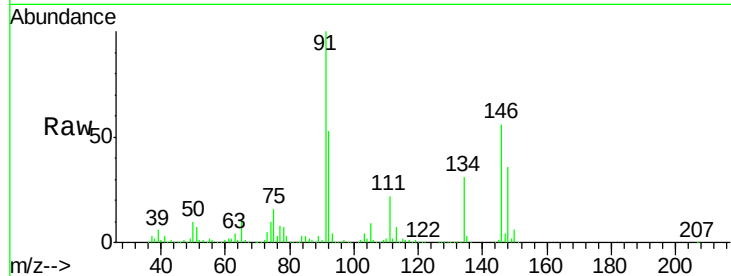




#89
n-Butylbenzene
Concen: 20.09 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

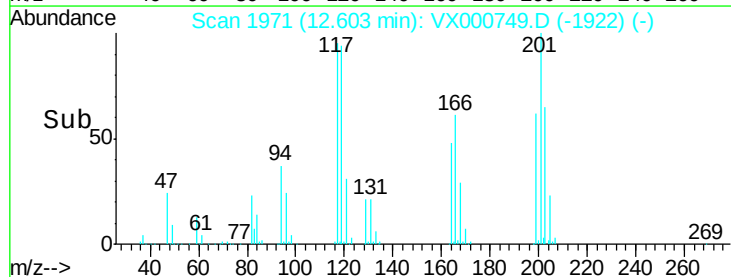
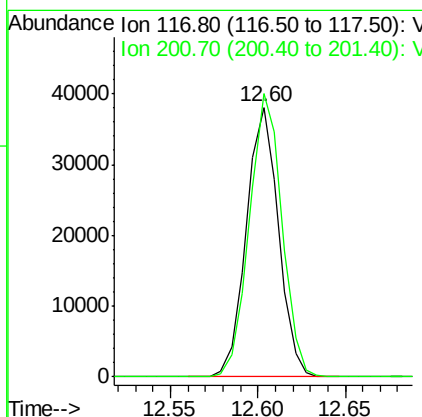
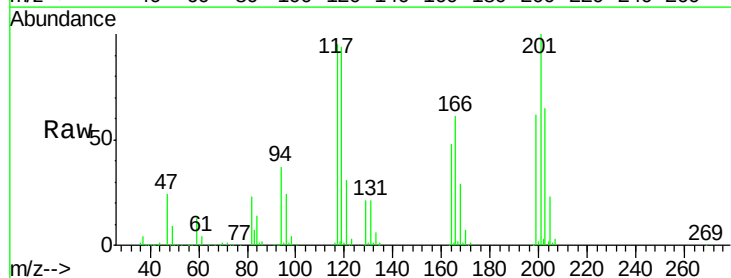
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

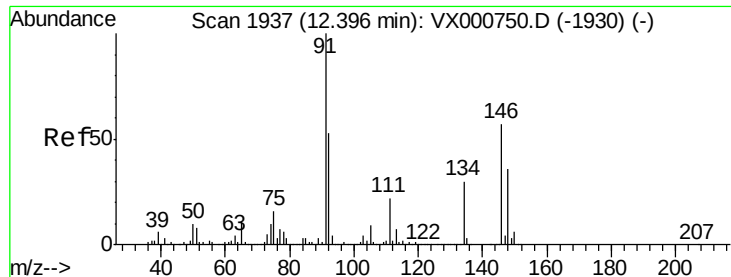
Tgt Ion: 91 Resp: 258386
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 28.8 14.5 43.5



#90
Hexachloroethane
Concen: 19.11 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000749.D
Acq: 10 Apr 2018 14:11

Tgt Ion: 117 Resp: 48625
Ion Ratio Lower Upper
117 100
201 106.2 52.9 158.7

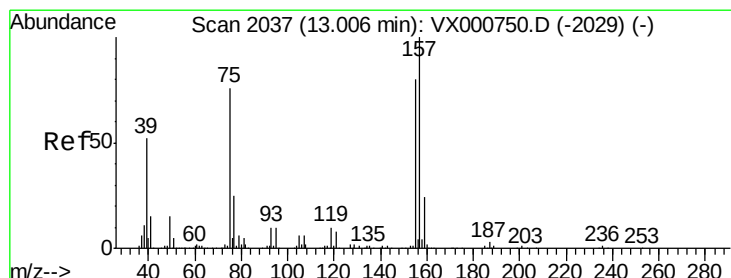
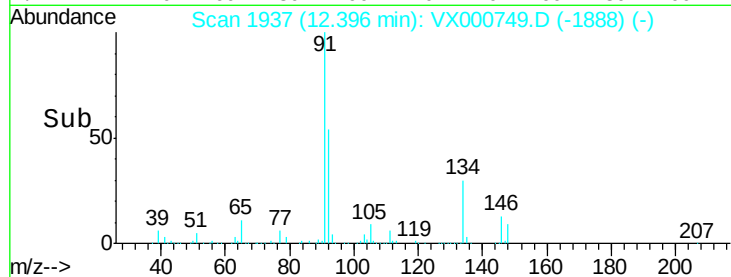
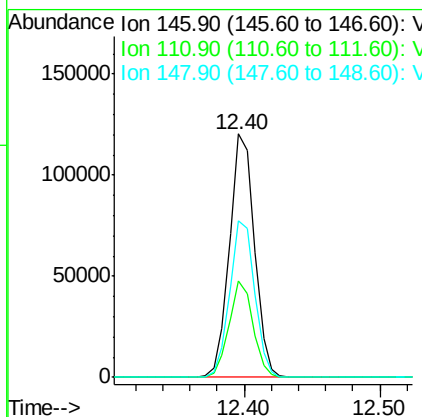
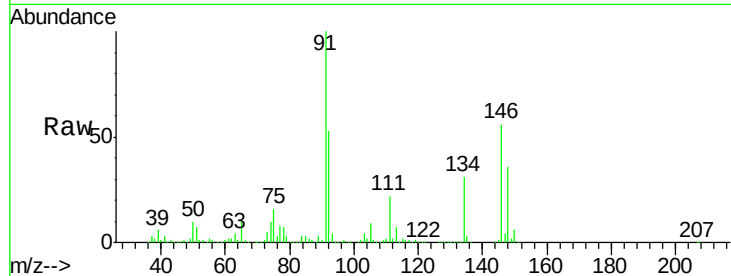




#91
 1,2-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

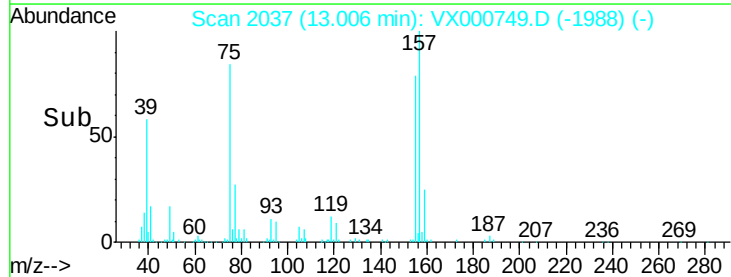
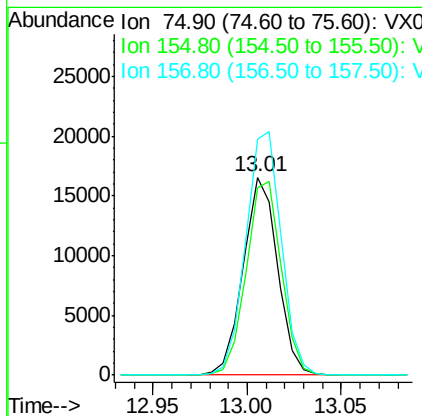
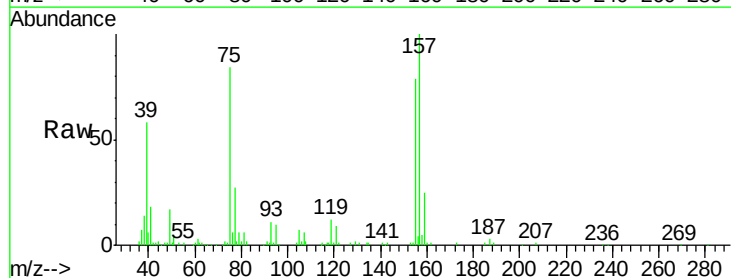
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

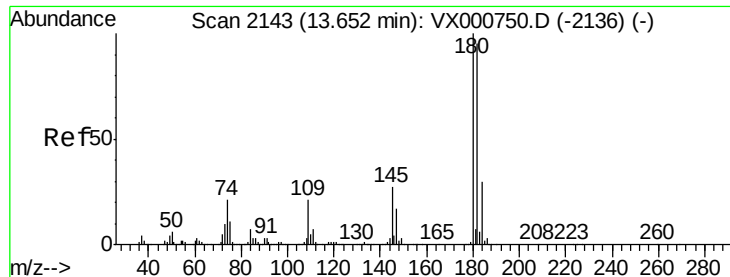
Tgt Ion:146 Resp: 153618
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion: 75 Resp: 20897
 Ion Ratio Lower Upper
 75 100
 155 99.7 51.9 155.8
 157 127.6 66.6 199.8

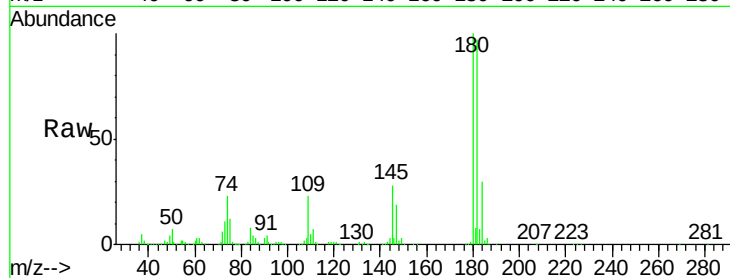




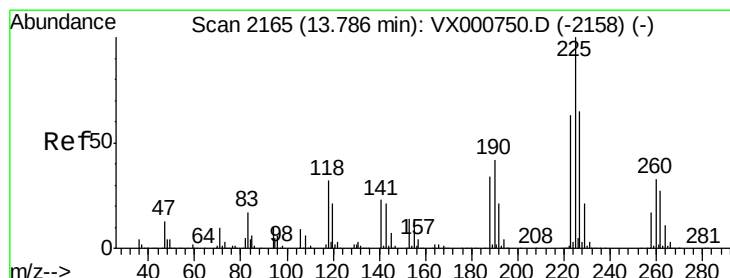
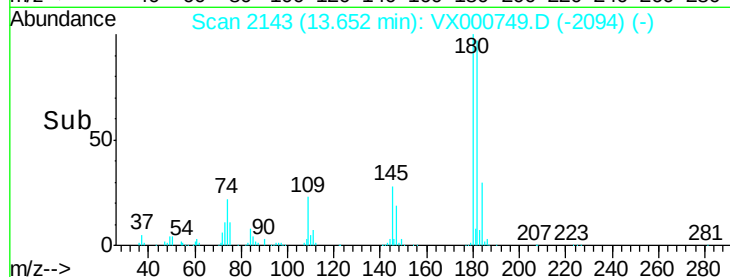
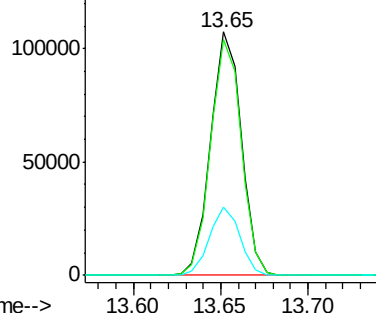
#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 130878
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.5 142.5
 145 28.0 13.8 41.4

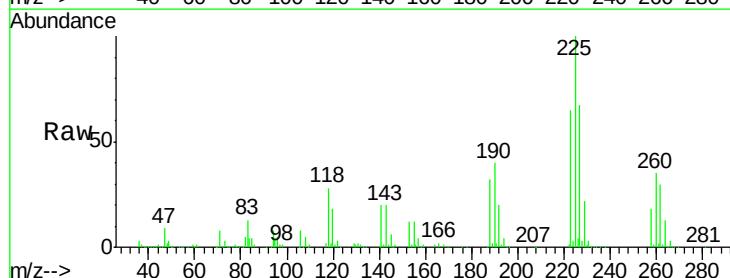


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

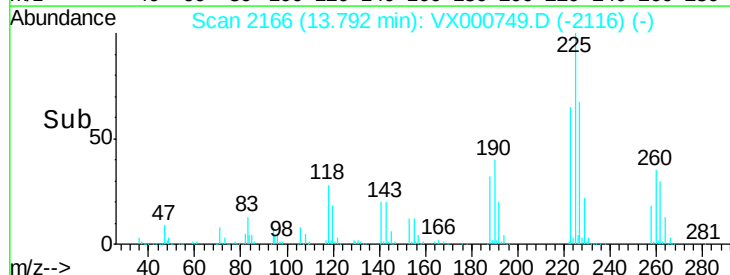
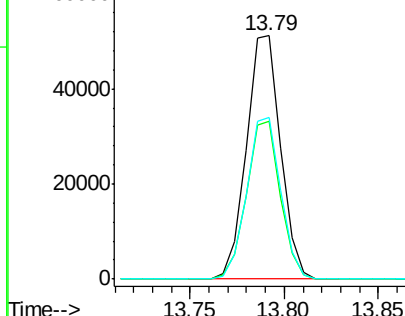


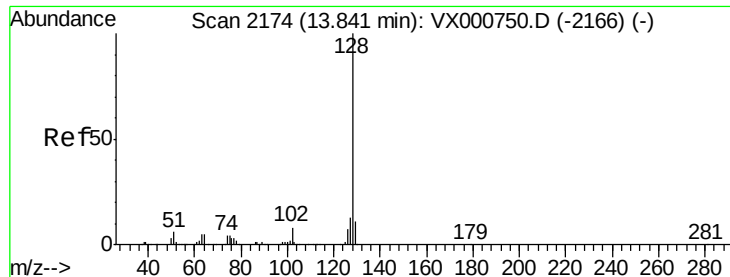
#94
 Hexachlorobutadiene
 Concen: 19.71 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000749.D
 Acq: 10 Apr 2018 14:11

Tgt Ion:225 Resp: 64515
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.2 93.6
 227 65.8 32.3 96.9



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





#95

Naphthalene

Concen: 19.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

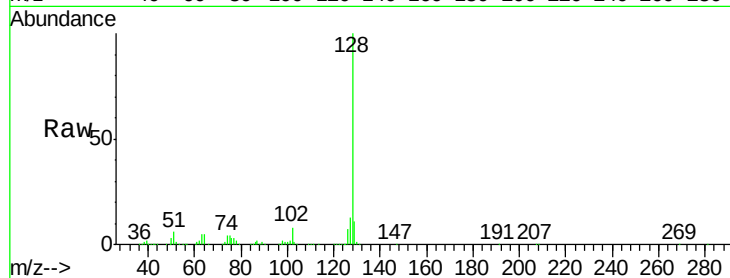
Tgt Ion:128 Resp: 335597

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

300000

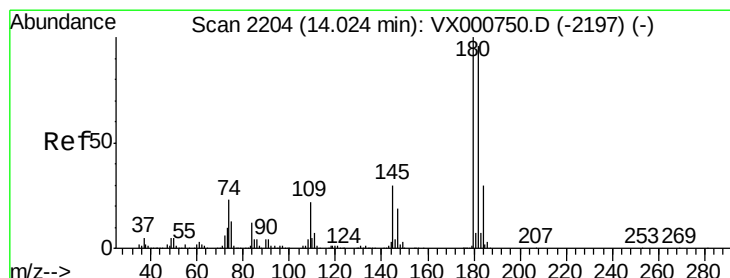
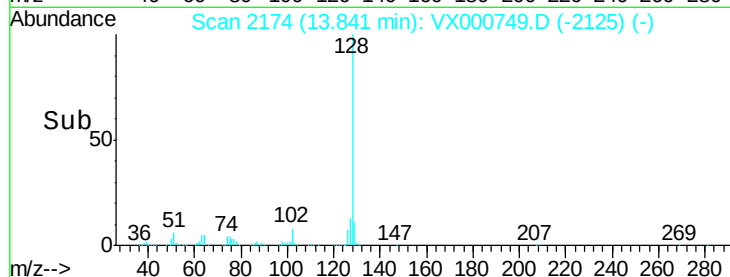
200000

100000

0

13.84

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.80 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000749.D

Acq: 10 Apr 2018 14:11

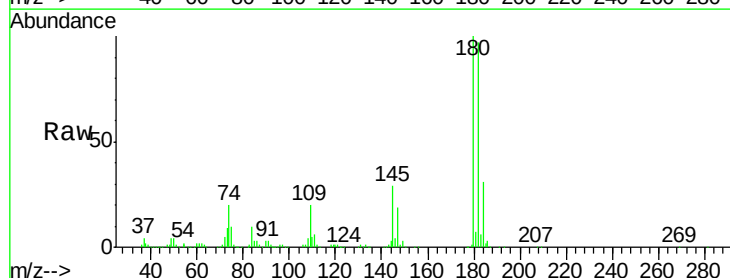
Tgt Ion:180 Resp: 128895

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

145 29.4 14.6 43.8



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

100000

50000

0

14.03

Time-->

