

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
 Data File : VX000748.D
 Acq On : 10 Apr 2018 13:09
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 10 15:12:06 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	259955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	17245	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
35) Dibromofluoromethane	5.51	113	13688	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
50) Toluene-d8	8.72	98	51282	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
62) 4-Bromofluorobenzene	11.15	95	20917	5.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	14070	4.63	ug/l	97
3) Chloromethane	1.32	50	12357	4.84	ug/l	97
4) Vinyl Chloride	1.40	62	13932	4.85	ug/l	96
5) Bromomethane	1.64	94	5687	4.79	ug/l	97
6) Chloroethane	1.72	64	9389	5.64	ug/l	99
7) Trichlorofluoromethane	1.93	101	21872	5.08	ug/l	99
8) Diethyl Ether	2.20	74	8223	5.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12803	5.15	ug/l	96
10) Methyl Iodide	2.51	142	4134	2.38	ug/l #	96
11) Tert butyl alcohol	3.07	59	16389	27.75	ug/l	100
12) 1,1-Dichloroethene	2.37	96	12365	5.22	ug/l	97
13) Acrolein	2.30	56	6556	23.13	ug/l	92
14) Allyl chloride	2.73	41	22235	5.07	ug/l	98
15) Acrylonitrile	3.15	53	31556	24.91	ug/l	98
16) Acetone	2.45	43	28438	25.17	ug/l	98
17) Carbon Disulfide	2.57	76	36029	5.12	ug/l	100
18) Methyl Acetate	2.78	43	15162	5.10	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	41493	5.17	ug/l	99
20) Methylene Chloride	2.86	84	13747	5.44	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	13369	5.20	ug/l	95
22) Diisopropyl ether	3.88	45	41867	5.16	ug/l	98
23) Vinyl Acetate	3.83	43	187204	26.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	23643	5.26	ug/l	98
25) 2-Butanone	4.71	43	48307	25.23	ug/l	97
26) 2,2-Dichloropropane	4.59	77	23192	5.18	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	15250	5.10	ug/l	99
28) Bromochloromethane	5.03	49	10431	5.93	ug/l	99
29) Tetrahydrofuran	5.18	42	30655	25.43	ug/l	99
30) Chloroform	5.22	83	24621	5.06	ug/l	100
31) Cyclohexane	5.59	56	21932	5.18	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	22945	4.94	ug/l	97
36) 1,1-Dichloropropene	5.81	75	19605	5.24	ug/l	99
37) Ethyl Acetate	4.87	43	18878	4.98	ug/l	97
38) Carbon Tetrachloride	5.79	117	20929	4.88	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
 Data File : VX000748.D
 Acq On : 10 Apr 2018 13:09
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 10 15:12:06 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)
39) Methylcyclohexane	7.47	83	23314	5.22	ug/l	93
40) Benzene	6.15	78	53689	5.05	ug/l	99
41) Methacrylonitrile	5.07	41	10853	4.98	ug/l	97
42) 1,2-Dichloroethane	6.21	62	20390	5.13	ug/l	99
43) Isopropyl Acetate	6.48	43	31978	4.98	ug/l	99
44) Trichloroethene	7.22	130	16593	5.03	ug/l	100
45) 1,2-Dichloropropane	7.52	63	13763	5.01	ug/l	97
46) Dibromomethane	7.67	93	9396	4.98	ug/l	97
47) Bromodichloromethane	7.91	83	19266	4.97	ug/l	96
48) Methyl methacrylate	7.79	41	16744	4.99	ug/l	98
49) 1,4-Dioxane	7.76	88	6846	101.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	95478	24.84	ug/l	100
52) Toluene	8.79	92	36005	5.14	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	22718	4.88	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	21837	4.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	14002	5.06	ug/l	99
56) Ethyl methacrylate	9.19	69	21699	4.97	ug/l	100
57) 1,3-Dichloropropane	9.38	76	22417	4.95	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	52758	25.25	ug/l	99
59) 2-Hexanone	9.51	43	74343	24.95	ug/l	99
60) Dibromochloromethane	9.59	129	16167	4.67	ug/l	100
61) 1,2-Dibromoethane	9.68	107	14568	4.83	ug/l	100
64) Tetrachloroethene	9.34	164	16183	5.07	ug/l	97
65) Chlorobenzene	10.15	112	41554	5.02	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	15584	4.97	ug/l	98
67) Ethyl Benzene	10.26	91	69200	5.02	ug/l	100
68) m/p-Xylenes	10.37	106	54088	9.92	ug/l	99
69) o-Xylene	10.71	106	26397	4.98	ug/l	99
70) Styrene	10.72	104	44024	4.92	ug/l	99
71) Bromoform	10.87	173	13373	4.42	ug/l #	99
73) Isopropylbenzene	11.02	105	72040	5.12	ug/l	100
74) N-amyl acetate	6.48	43	31978	5.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	20029	4.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	24627	6.37	ug/l	86
77) Bromobenzene	11.26	156	20704	5.10	ug/l	99
78) n-propylbenzene	11.37	91	81459	5.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	48166	5.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	60338	5.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	6671	4.75	ug/l	95
82) 4-Chlorotoluene	11.52	91	58806	5.23	ug/l	98
83) tert-Butylbenzene	11.77	119	62922	5.03	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	62895	5.09	ug/l	98
85) sec-Butylbenzene	11.95	105	72980	5.02	ug/l	99
86) p-Isopropyltoluene	12.07	119	68362	5.05	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	37890	5.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	39244	5.14	ug/l	94
89) n-Butylbenzene	12.40	91	59770	5.01	ug/l	100
90) Hexachloroethane	12.60	117	10849	4.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	36984	5.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5156	5.08	ug/l	92

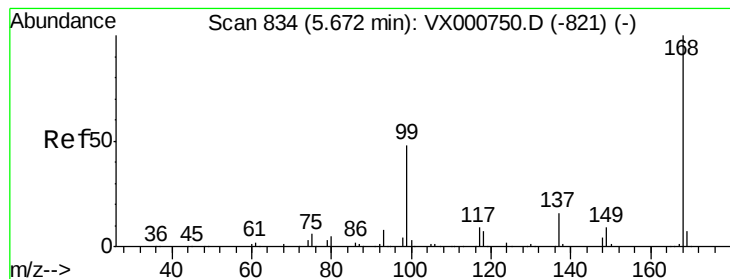
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
Data File : VX000748.D
Acq On : 10 Apr 2018 13:09
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 10 15:12:06 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)
93) 1,2,4-Trichlorobenzene	13.65	180	30551	4.92	ug/l	96
94) Hexachlorobutadiene	13.79	225	15741	5.18	ug/l	98
95) Naphthalene	13.84	128	79922	4.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	30274	5.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

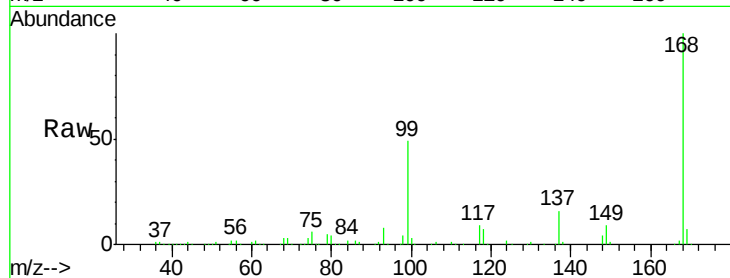
VSTDIC005

Tgt Ion: 168 Resp: 259955

Ion Ratio Lower Upper

168 100

99 49.3 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

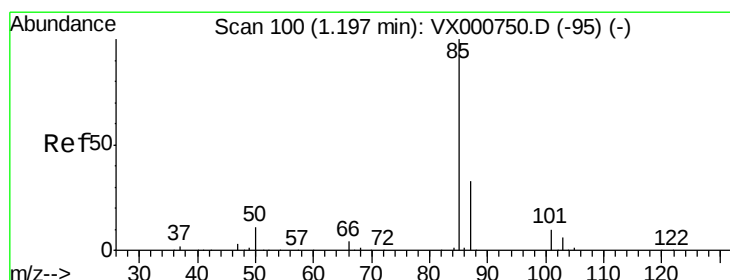
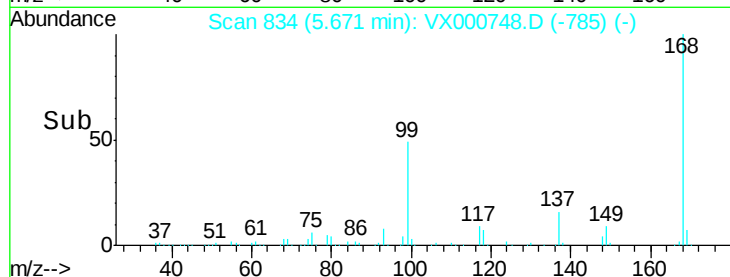
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000748.D

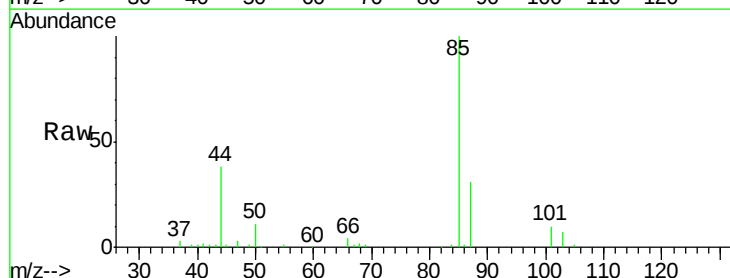
Acq: 10 Apr 2018 13:09

Tgt Ion: 85 Resp: 14070

Ion Ratio Lower Upper

85 100

87 30.7 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

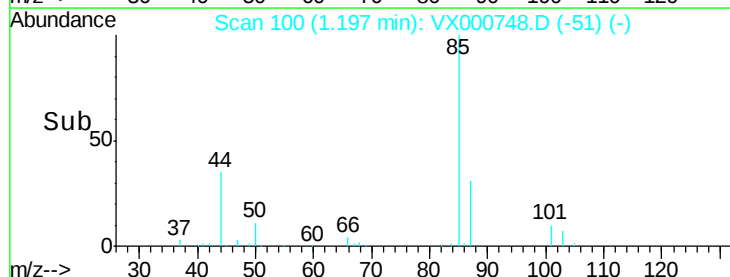
15000

10000

5000

0

Time--> 1.15 1.20 1.25

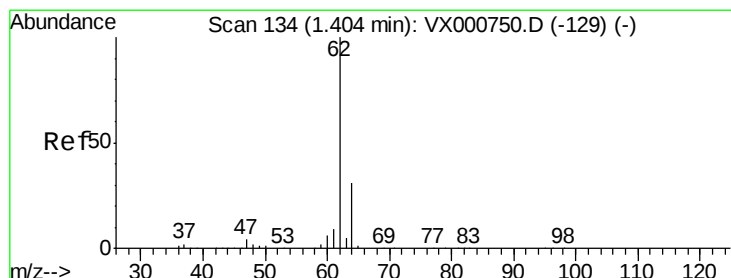
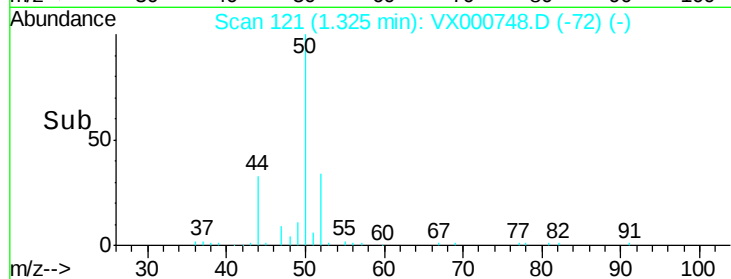
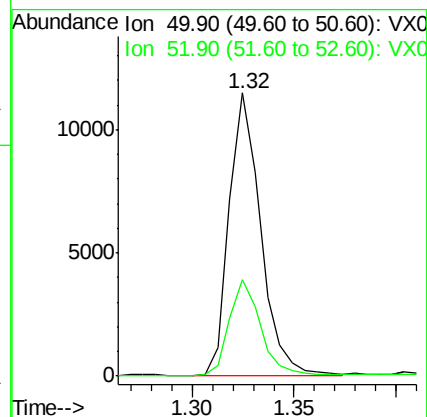
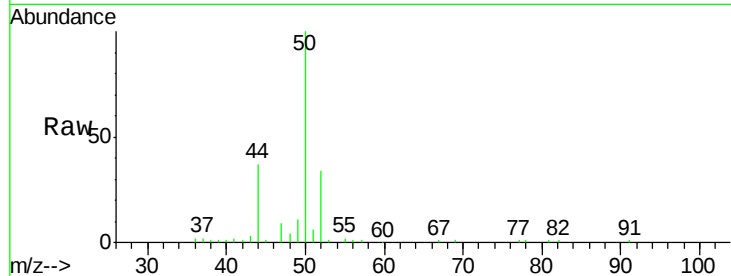




#3
Chloromethane
Concen: 4.84 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

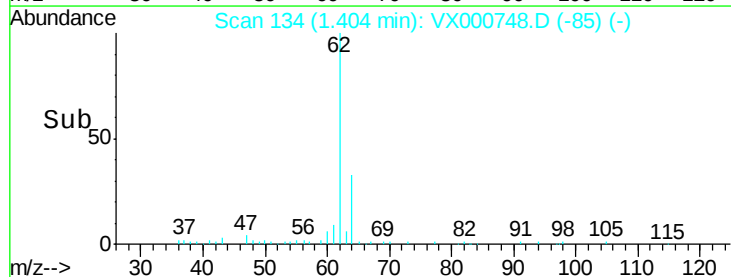
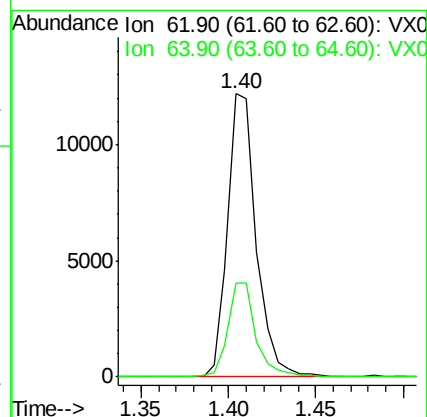
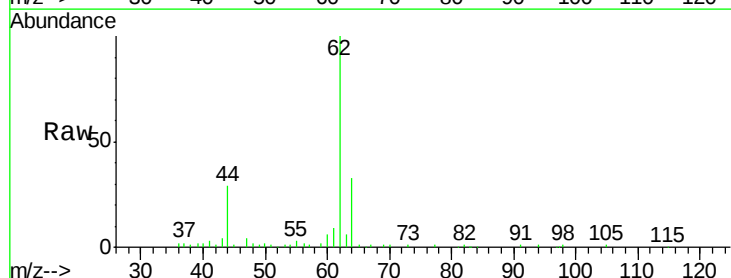
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

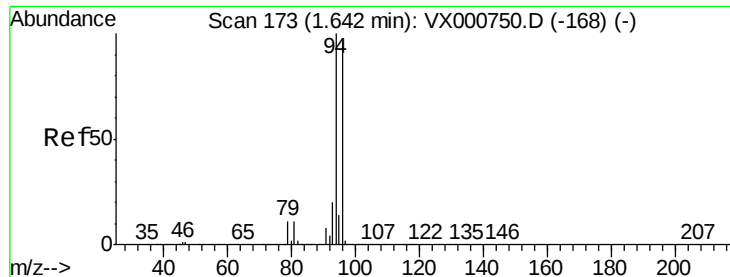
Tgt Ion: 50 Resp: 12357
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8



#4
Vinyl Chloride
Concen: 4.85 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 62 Resp: 13932
Ion Ratio Lower Upper
62 100
64 33.1 24.6 36.8





#5

Bromomethane

Concen: 4.79 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

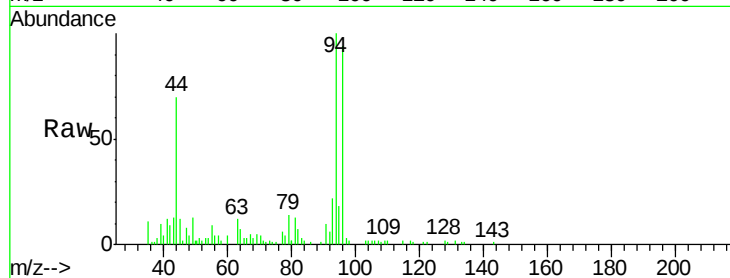
VSTDIC005

Tgt Ion: 94 Resp: 5687

Ion Ratio Lower Upper

94 100

96 93.4 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

6000

5000

4000

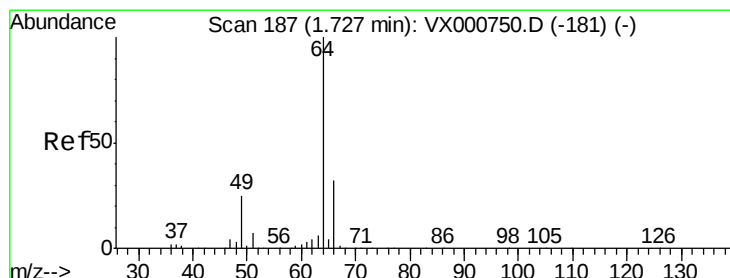
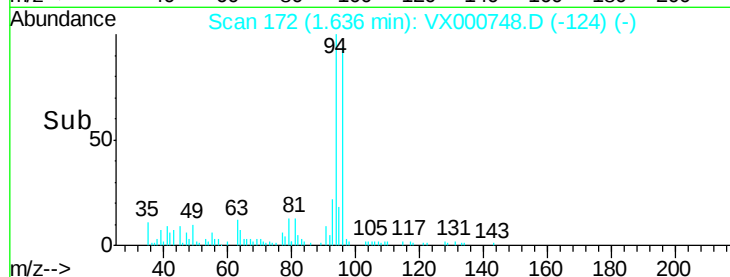
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 5.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000748.D

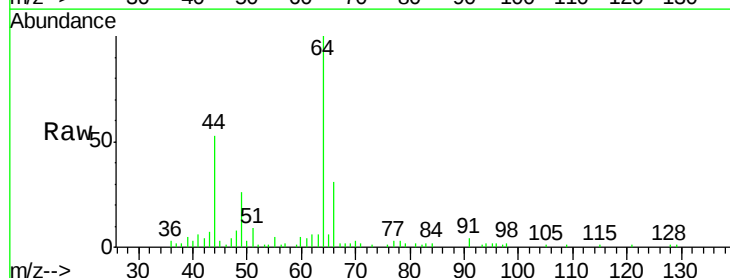
Acq: 10 Apr 2018 13:09

Tgt Ion: 64 Resp: 9389

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

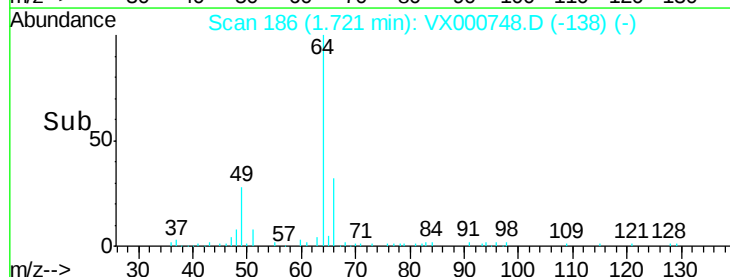
6000

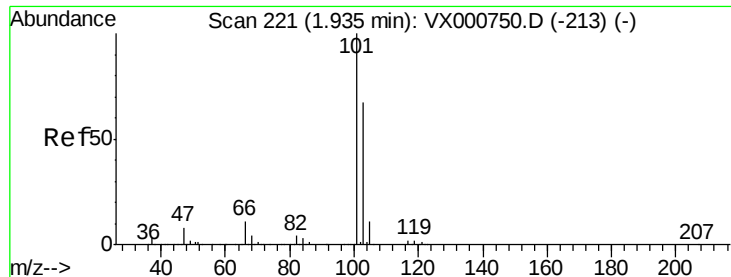
4000

2000

0

Time-->





#7

Trichlorofluoromethane

Concen: 5.08 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

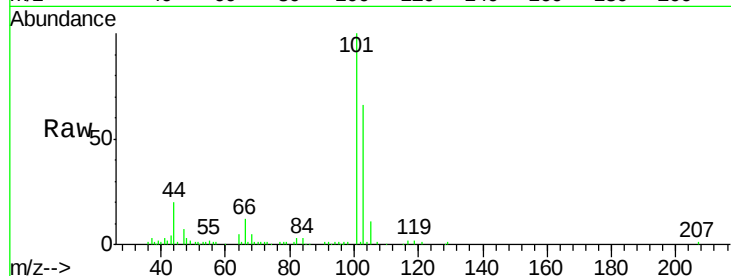
VSTDIC005

Tgt Ion:101 Resp: 21872

Ion Ratio Lower Upper

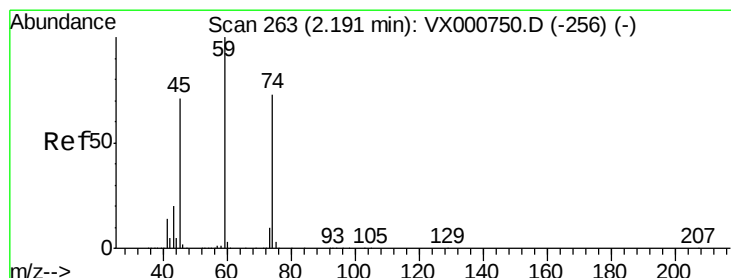
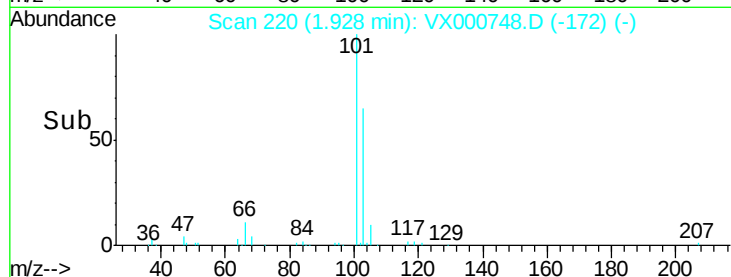
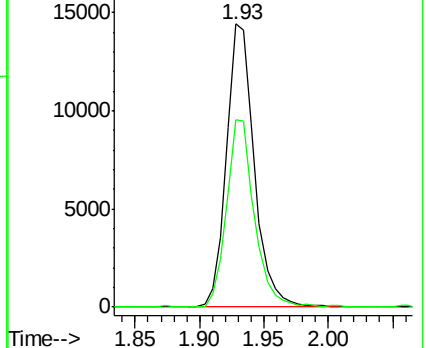
101 100

103 66.1 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.26 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX000748.D

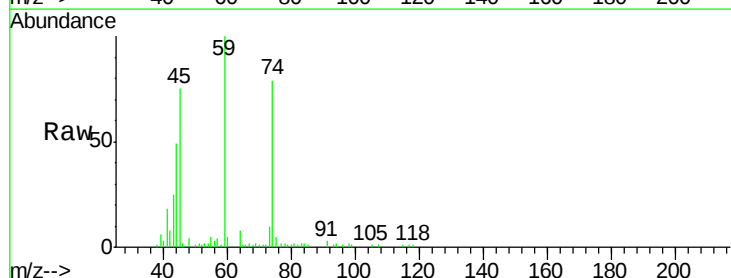
Acq: 10 Apr 2018 13:09

Tgt Ion: 74 Resp: 8223

Ion Ratio Lower Upper

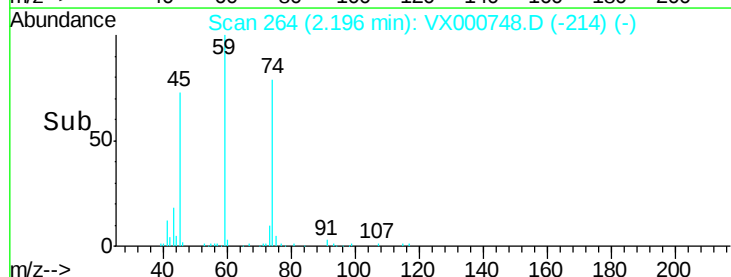
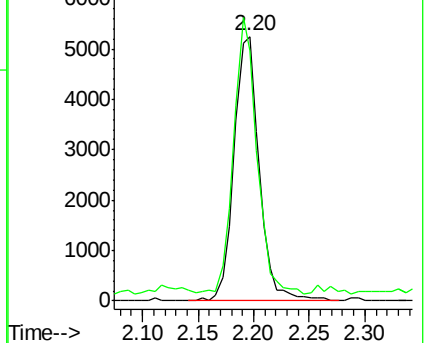
74 100

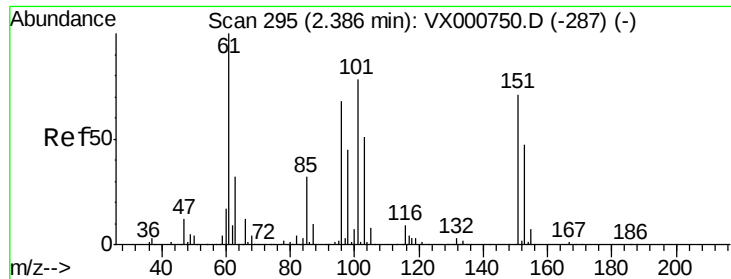
45 97.0 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.15 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

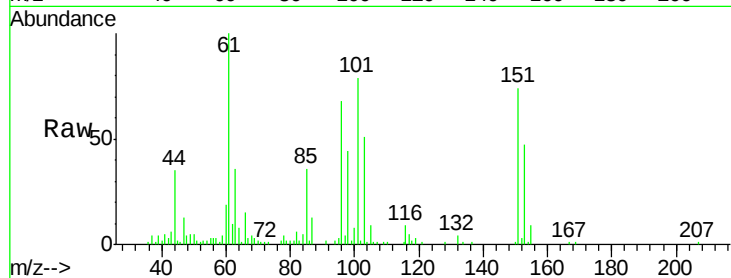
Tgt Ion:101 Resp: 12803

Ion Ratio Lower Upper

101 100

85 45.7 34.0 51.0

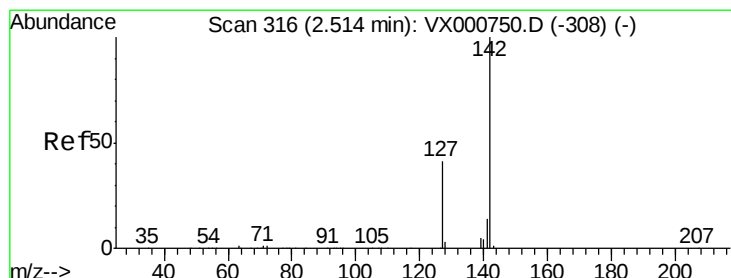
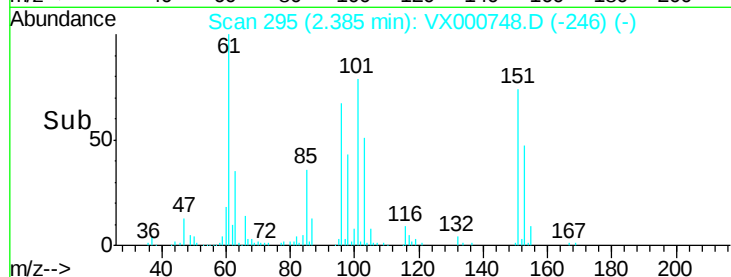
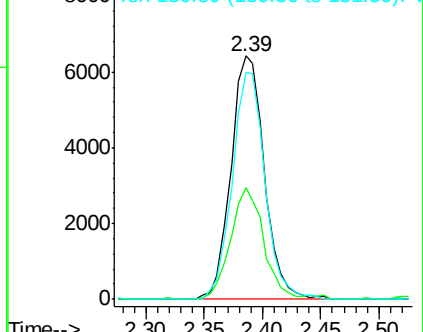
151 91.6 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.38 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

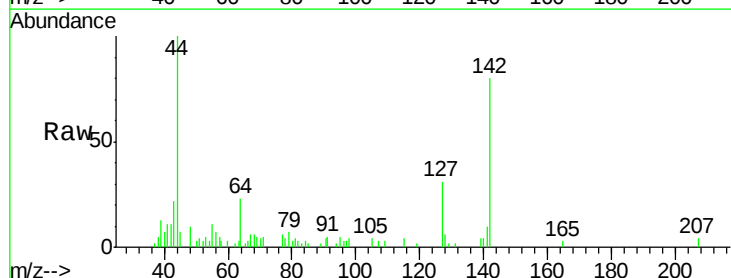
Tgt Ion:142 Resp: 4134

Ion Ratio Lower Upper

142 100

127 42.8 32.6 49.0

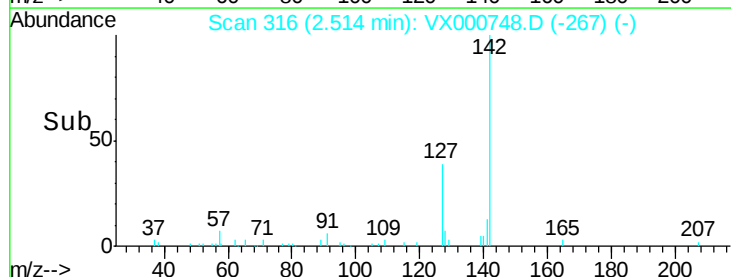
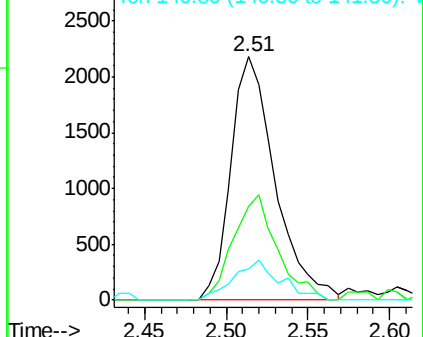
141 17.5 11.5 17.3#

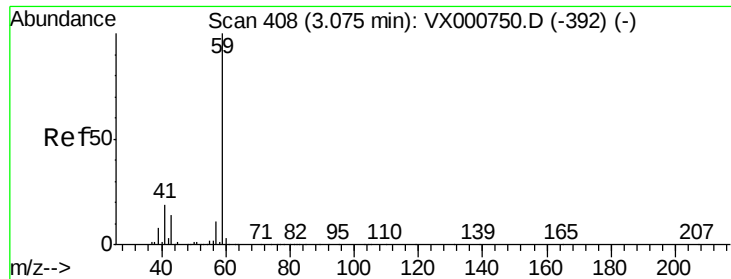


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

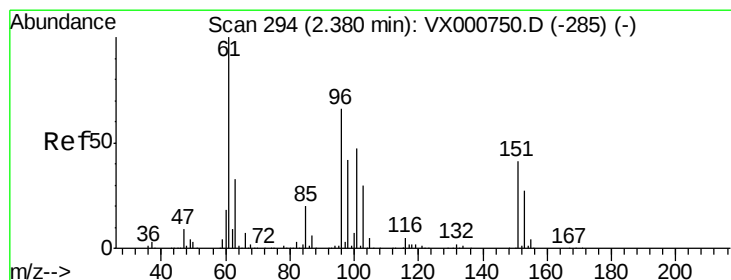
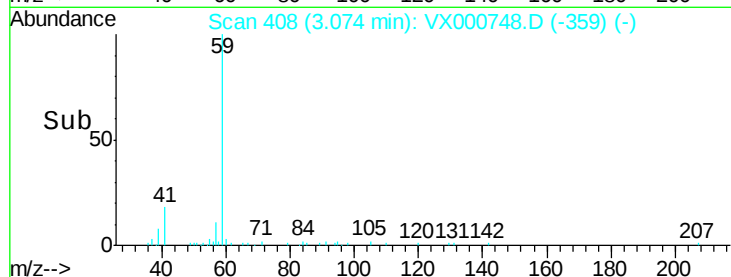
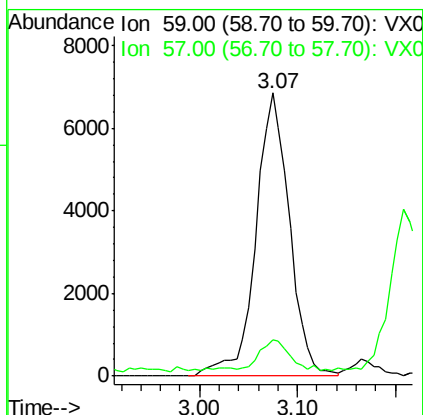
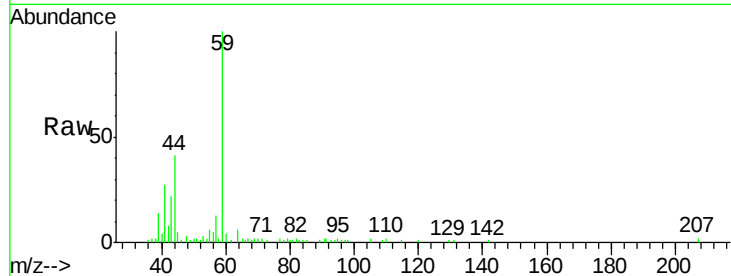




#11
Tert butyl alcohol
Concen: 27.75 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

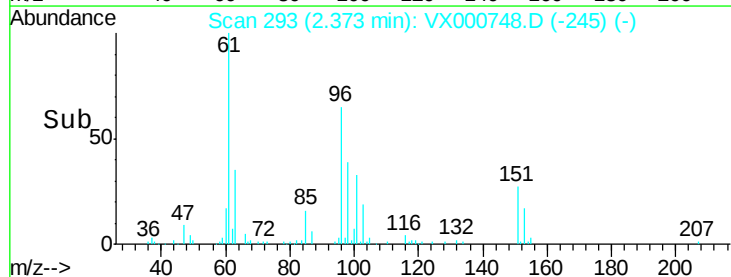
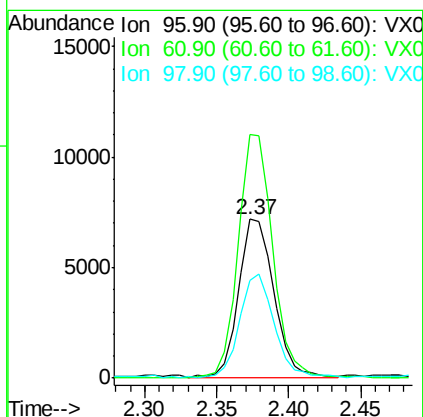
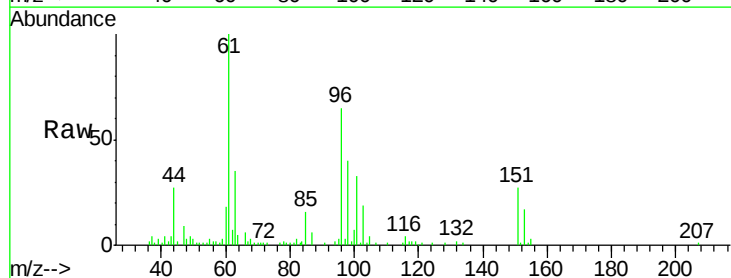
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

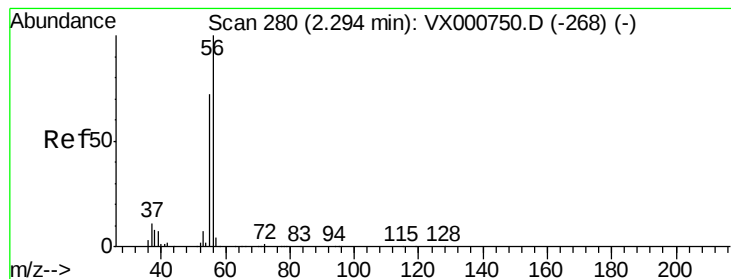
Tgt Ion: 59 Resp: 16389
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 5.22 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 96 Resp: 12365
Ion Ratio Lower Upper
96 100
61 153.2 120.5 180.7
98 60.4 50.9 76.3





#13

Acrolein

Concen: 23.13 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

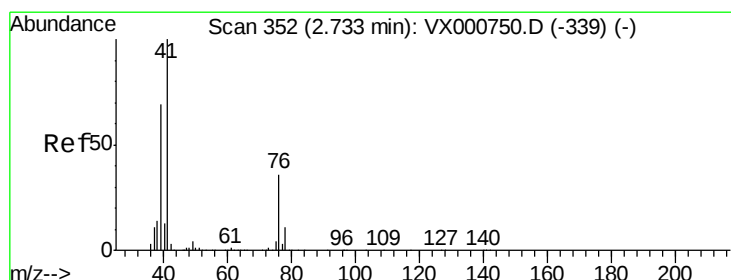
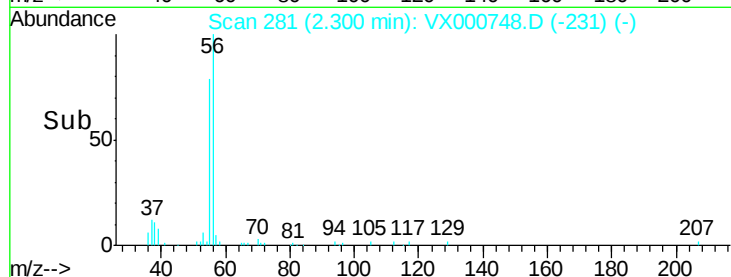
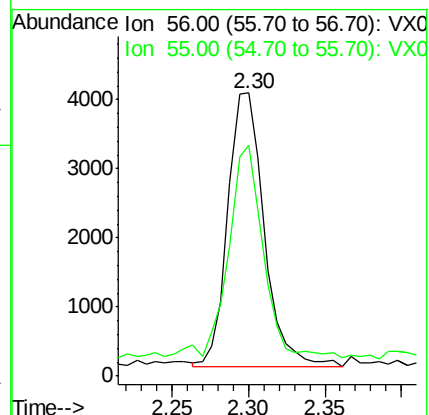
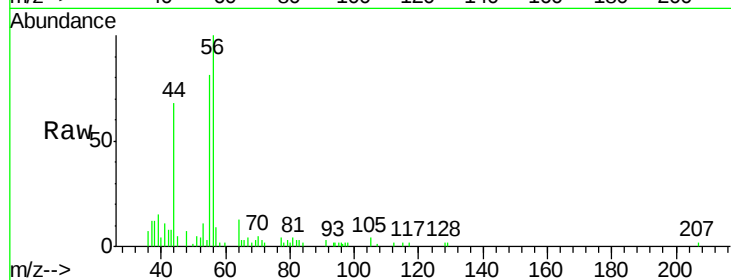
VSTDIC005

Tgt Ion: 56 Resp: 6556

Ion Ratio Lower Upper

56 100

55 79.9 58.7 88.1



#14

Allyl chloride

Concen: 5.07 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

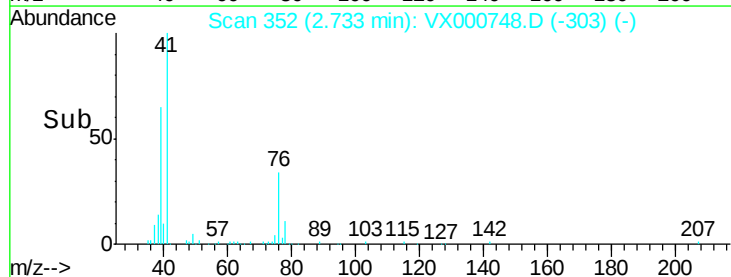
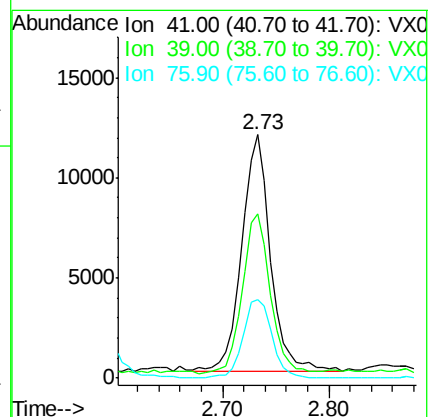
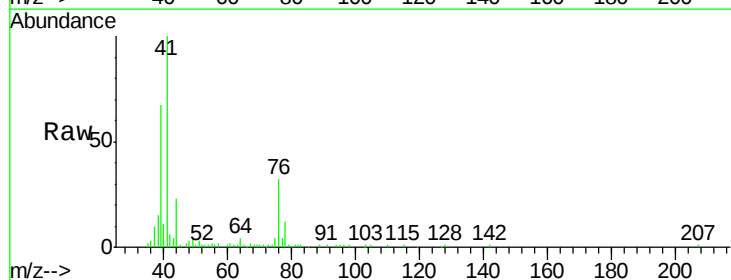
Tgt Ion: 41 Resp: 22235

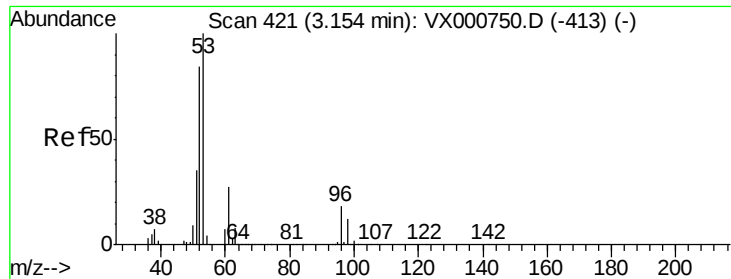
Ion Ratio Lower Upper

41 100

39 66.4 51.5 77.3

76 33.7 26.5 39.7





#15

Acrylonitrile

Concen: 24.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

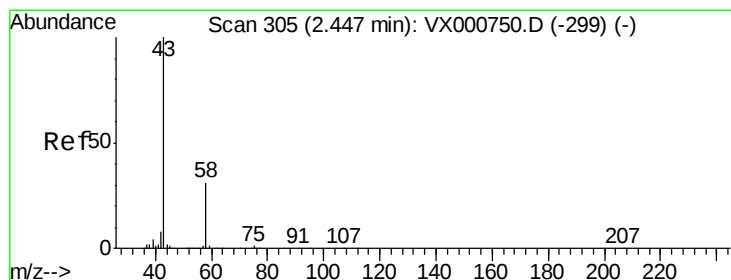
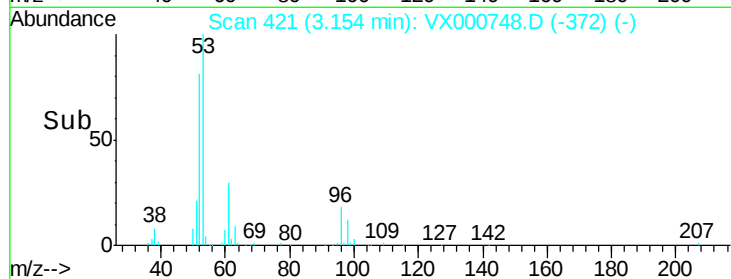
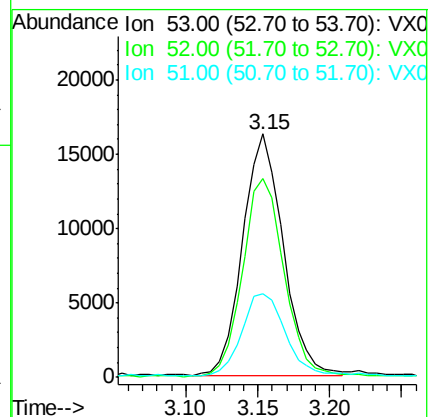
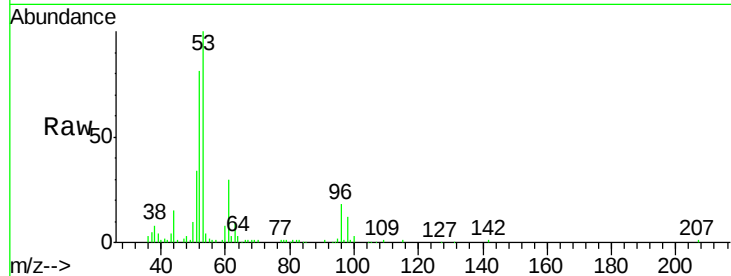
Tgt Ion: 53 Resp: 31556

Ion Ratio Lower Upper

53 100

52 84.5 66.5 99.7

51 37.7 28.8 43.2



#16

Acetone

Concen: 25.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000748.D

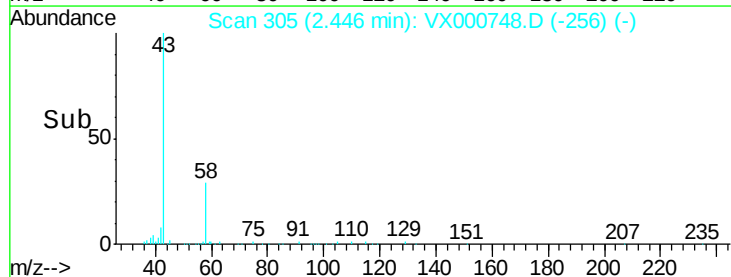
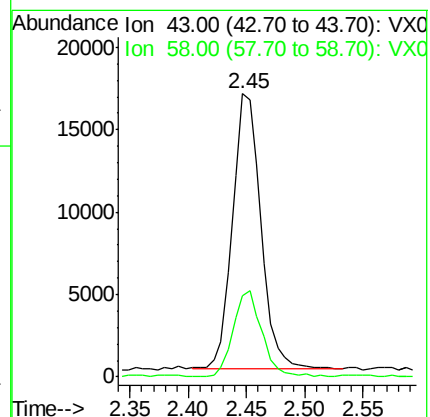
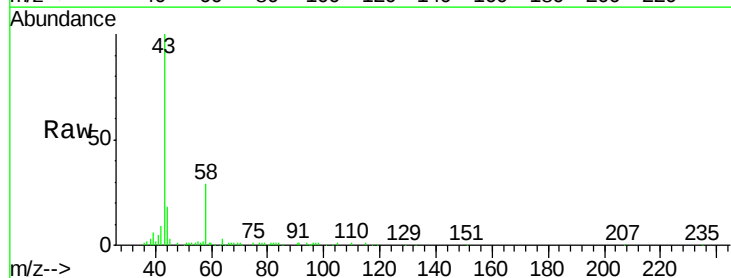
Acq: 10 Apr 2018 13:09

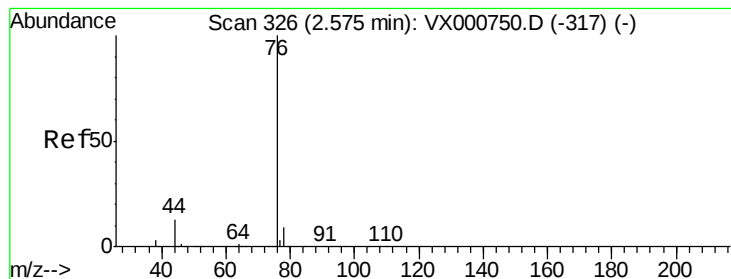
Tgt Ion: 43 Resp: 28438

Ion Ratio Lower Upper

43 100

58 29.6 24.6 37.0





#17

Carbon Disulfide

Concen: 5.12 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

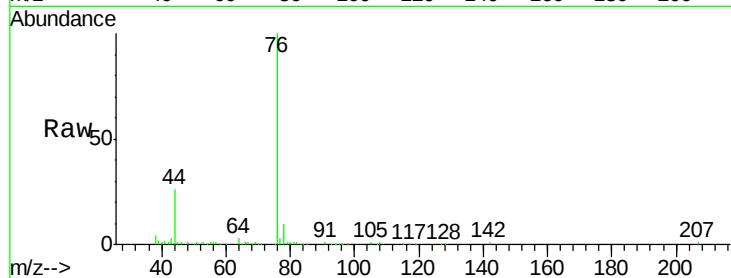
VSTDIC005

Tgt Ion: 76 Resp: 36029

Ion Ratio Lower Upper

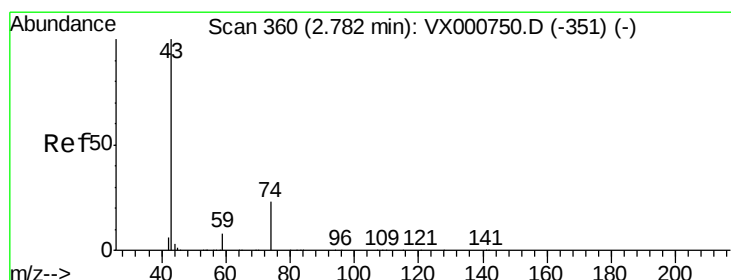
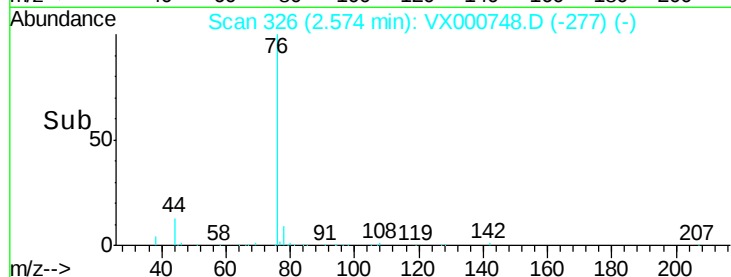
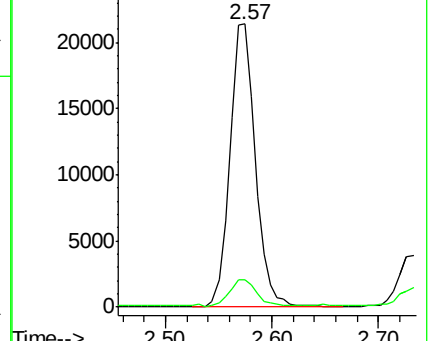
76 100

78 9.3 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: 5.10 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000748.D

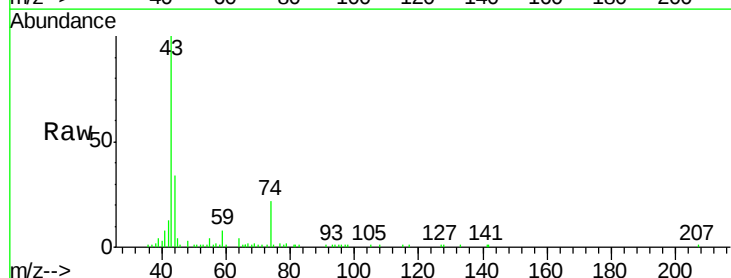
Acq: 10 Apr 2018 13:09

Tgt Ion: 43 Resp: 15162

Ion Ratio Lower Upper

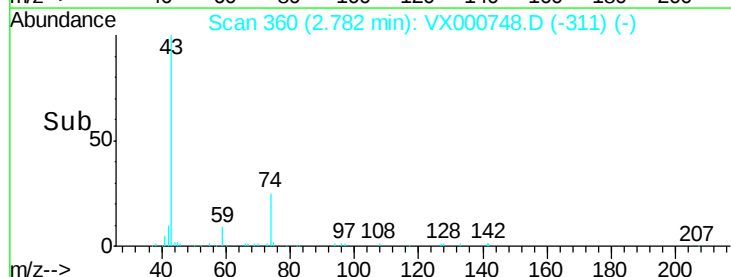
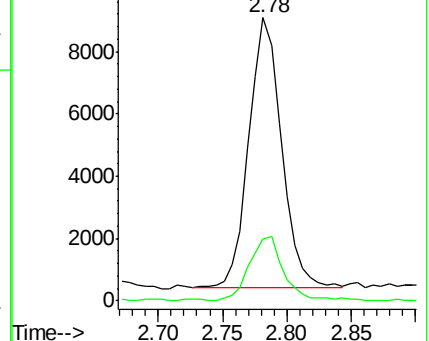
43 100

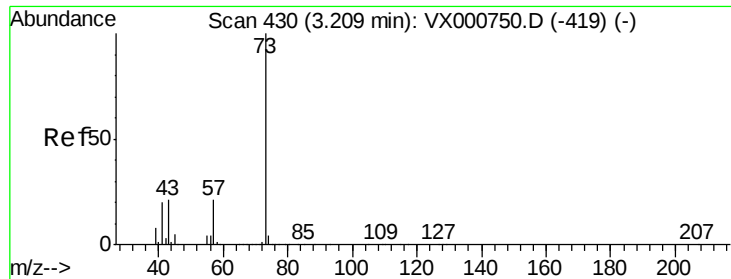
74 24.9 19.1 28.7



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: 5.17 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

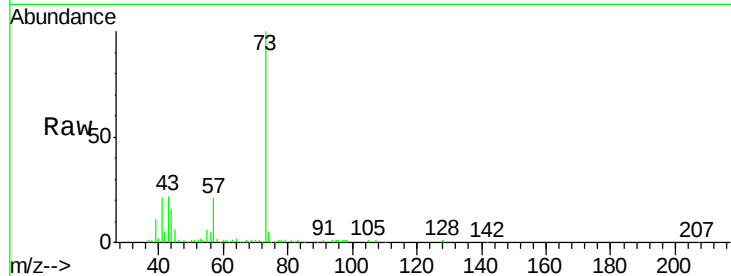
VSTDIC005

Tgt Ion: 73 Resp: 41493

Ion Ratio Lower Upper

73 100

57 20.6 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

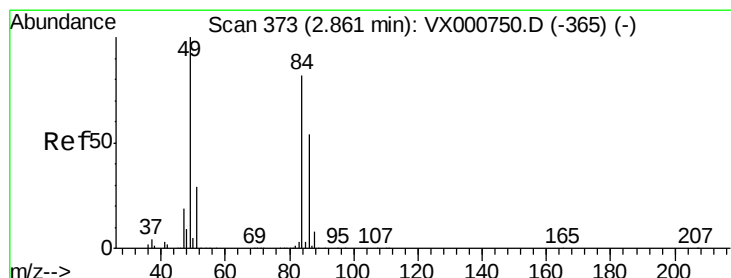
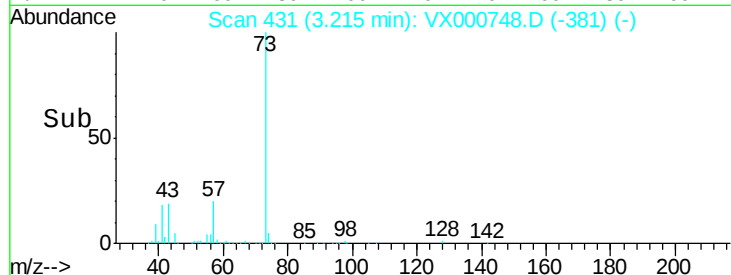
15000

10000

5000

0

Time--> 3.10 3.15 3.20 3.25 3.30



#20

Methylene Chloride

Concen: 5.44 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Tgt Ion: 84 Resp: 13747

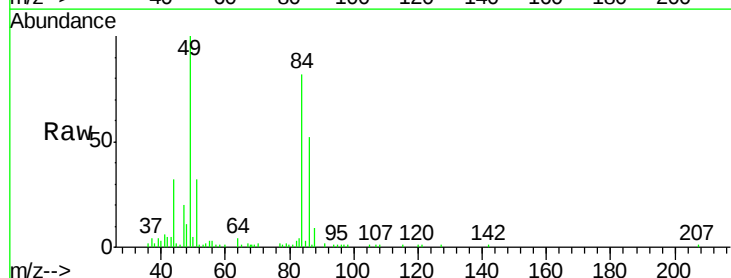
Ion Ratio Lower Upper

84 100

49 122.8 98.1 147.1

51 37.8 28.9 43.3

86 64.1 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

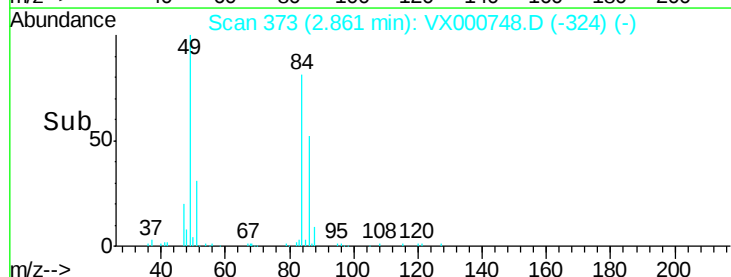
Ion 85.90 (85.60 to 86.60): VX0

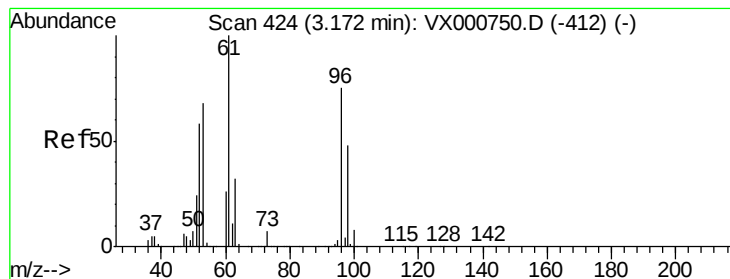
10000

5000

0

Time--> 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 5.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

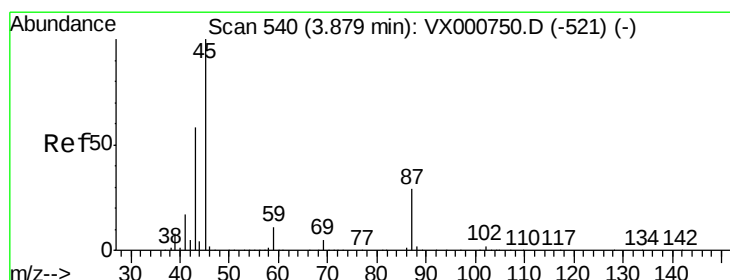
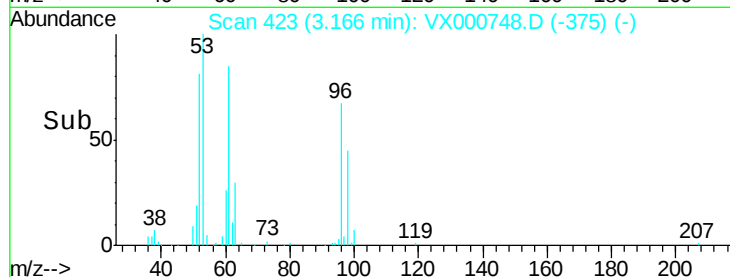
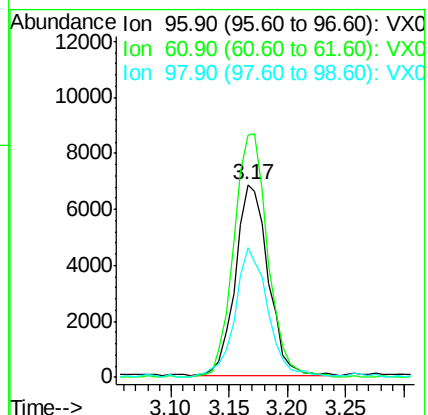
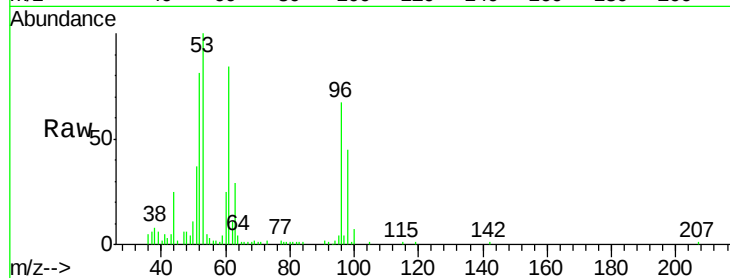
Tgt Ion: 96 Resp: 13369

Ion Ratio Lower Upper

96 100

61 126.9 106.2 159.2

98 68.2 51.2 76.8



#22

Diisopropyl ether

Concen: 5.16 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Tgt Ion: 45 Resp: 41867

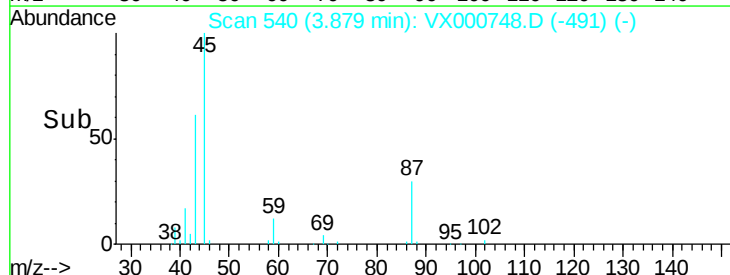
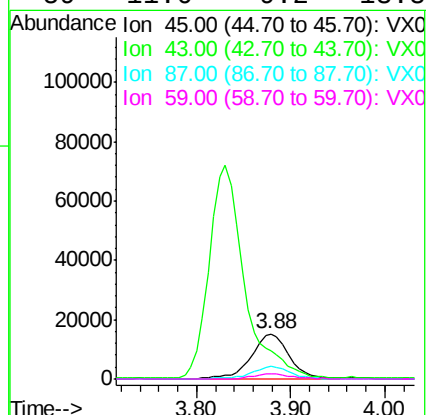
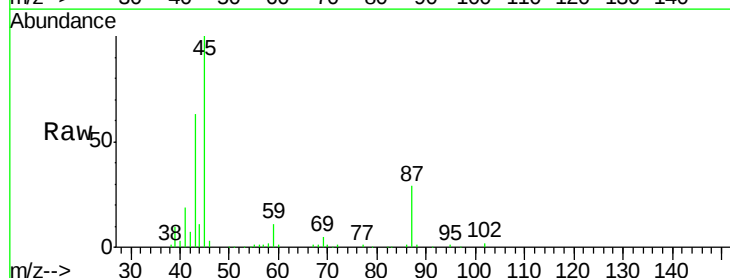
Ion Ratio Lower Upper

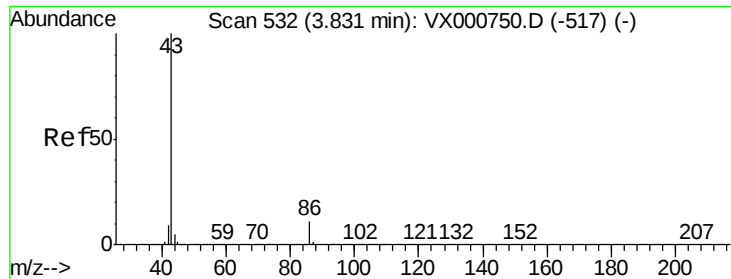
45 100

43 60.3 46.6 69.8

87 29.5 22.9 34.3

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 26.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

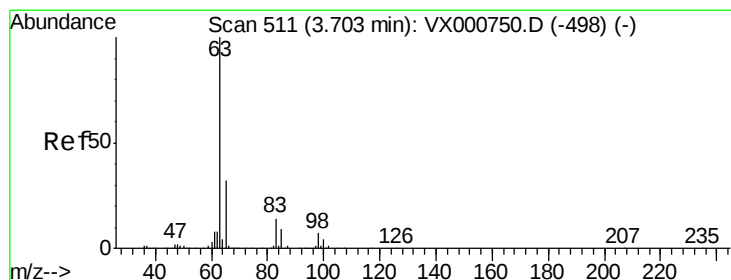
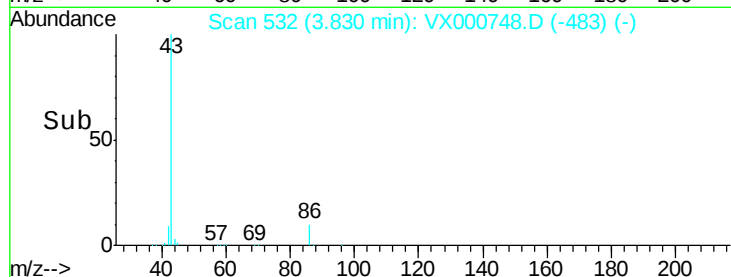
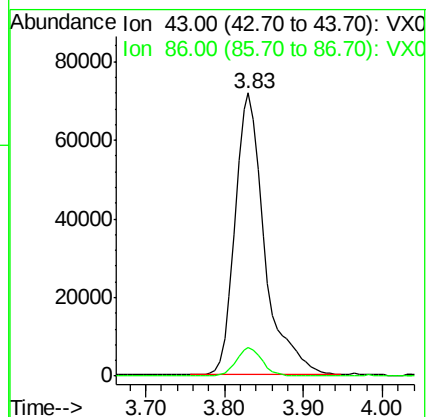
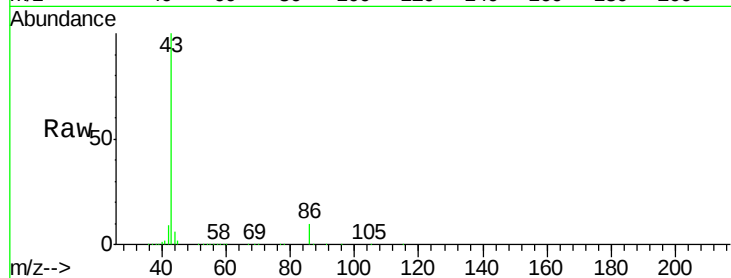
VSTDIC005

Tgt Ion: 43 Resp: 187204

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 5.26 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

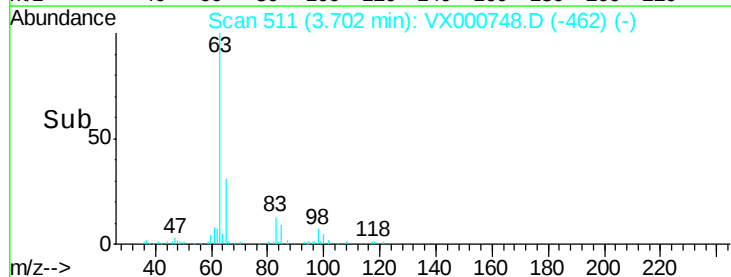
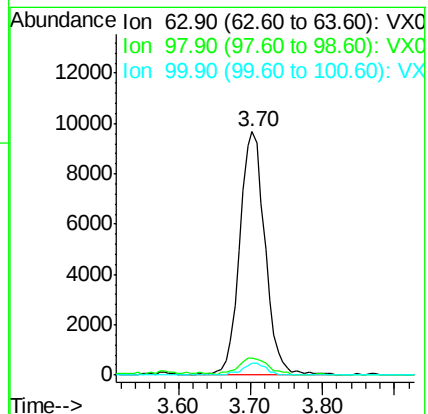
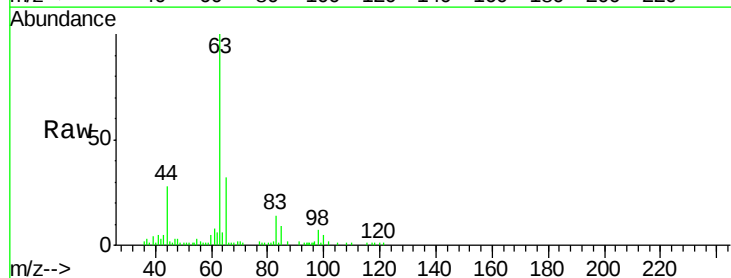
Tgt Ion: 63 Resp: 23643

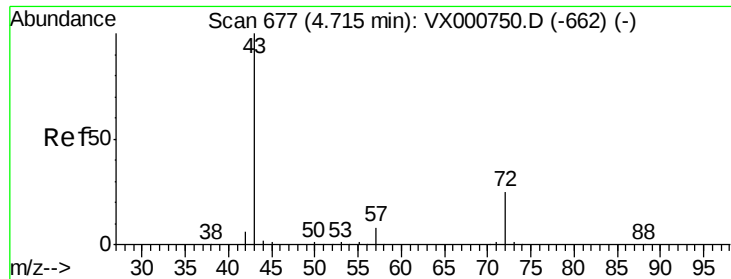
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 25.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

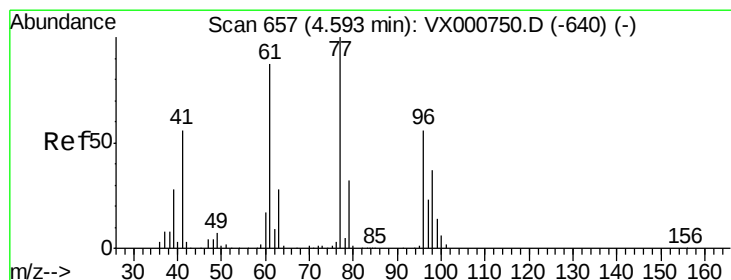
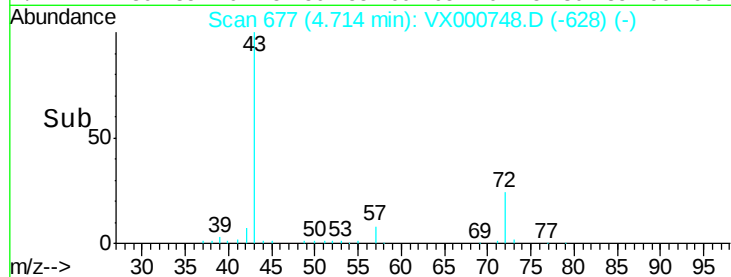
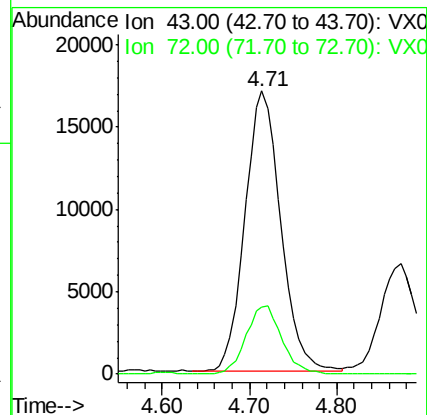
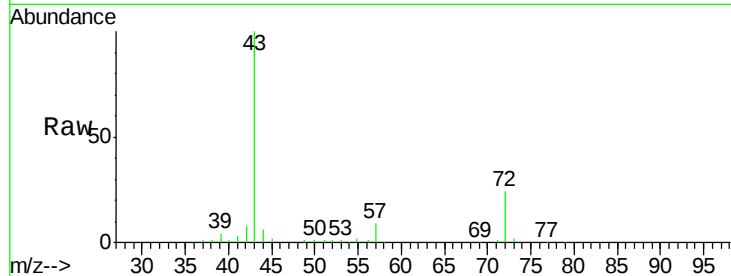
VSTDIC005

Tgt Ion: 43 Resp: 48307

Ion Ratio Lower Upper

43 100

72 24.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.18 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000748.D

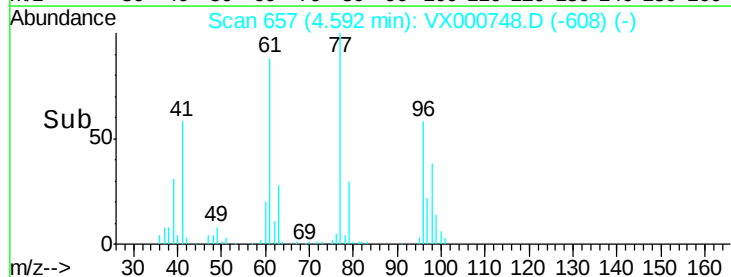
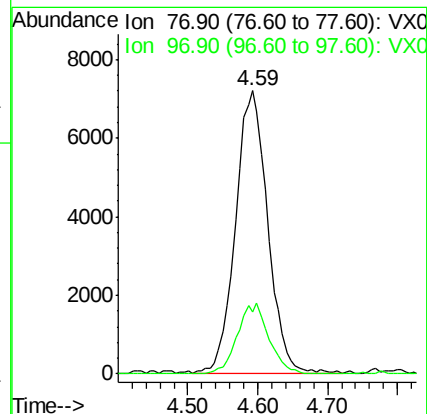
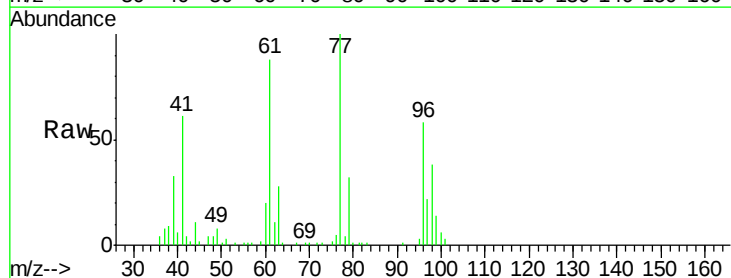
Acq: 10 Apr 2018 13:09

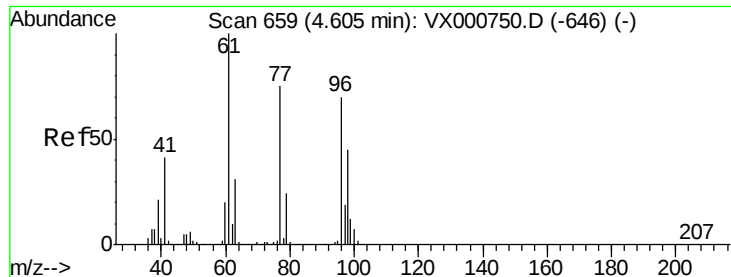
Tgt Ion: 77 Resp: 23192

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 5.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

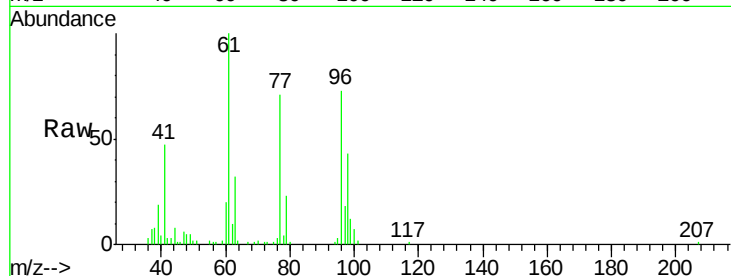
Tgt Ion: 96 Resp: 15250

Ion Ratio Lower Upper

96 100

61 148.0 0.0 292.4

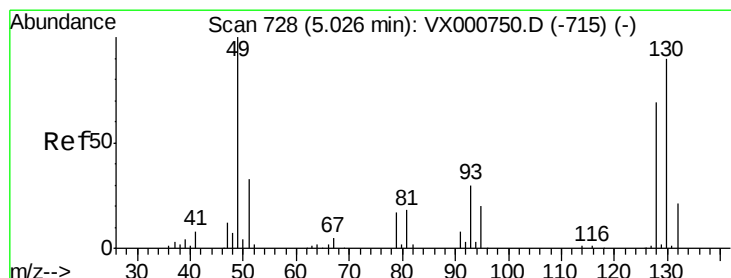
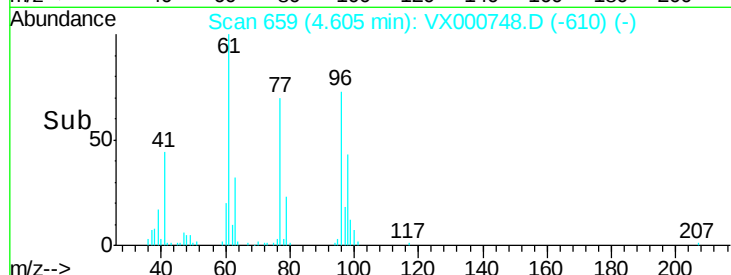
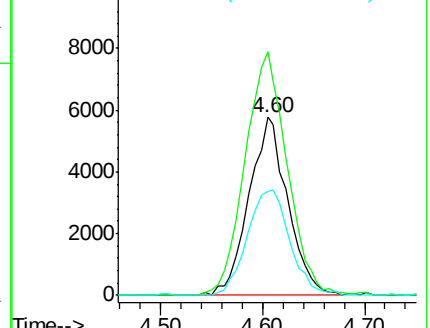
98 64.7 0.0 130.2



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: 5.93 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

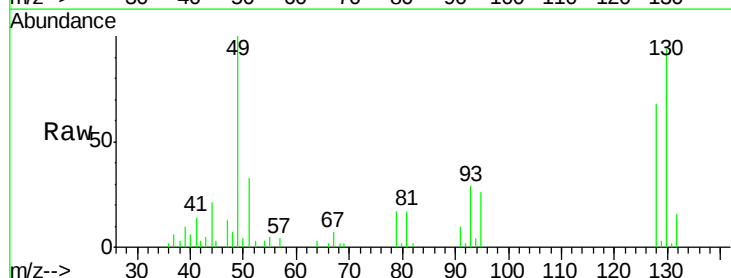
Tgt Ion: 49 Resp: 10431

Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

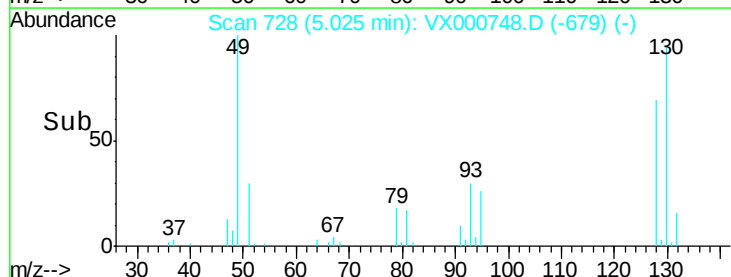
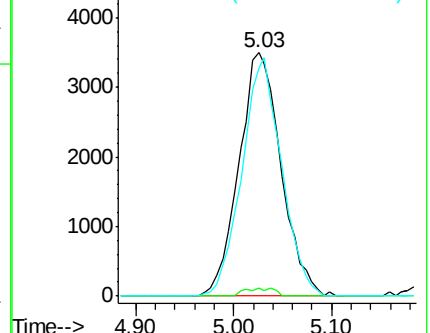
130 92.0 72.6 109.0

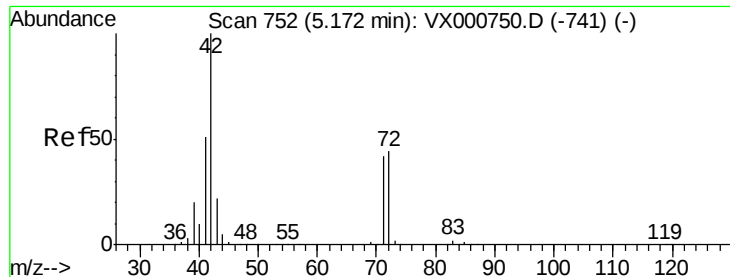


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 25.43 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

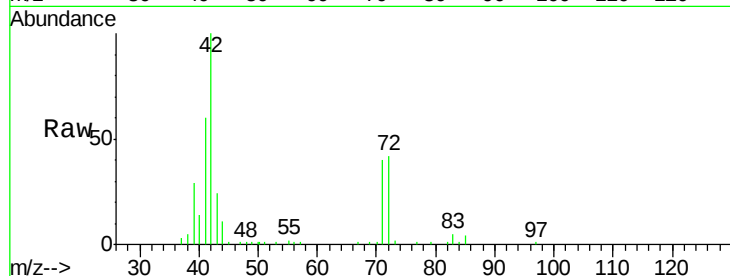
Tgt Ion: 42 Resp: 30655

Ion Ratio Lower Upper

42 100

72 43.6 35.1 52.7

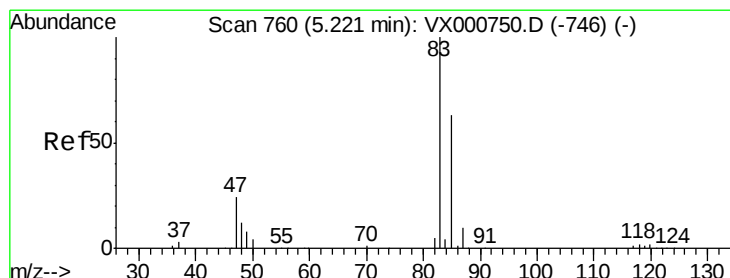
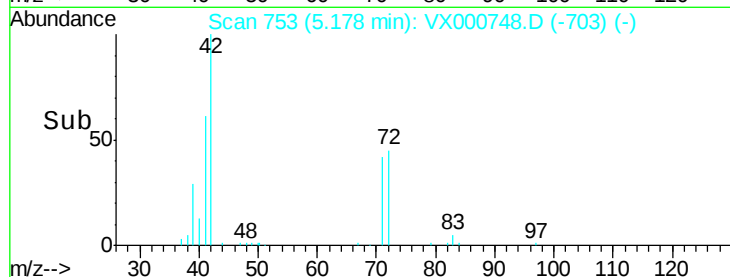
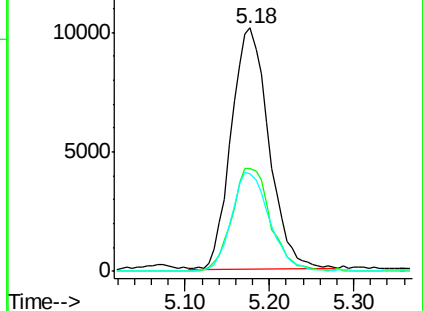
71 41.7 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.06 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000748.D

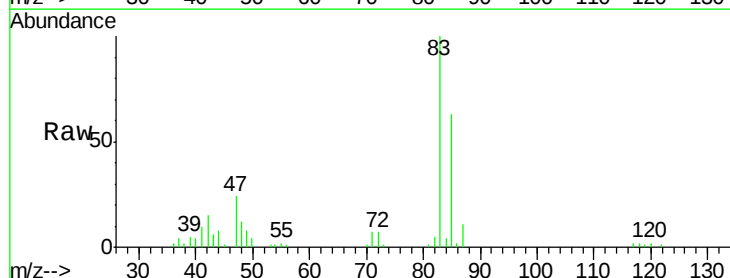
Acq: 10 Apr 2018 13:09

Tgt Ion: 83 Resp: 24621

Ion Ratio Lower Upper

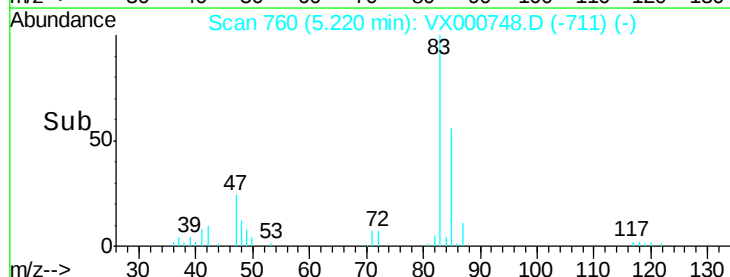
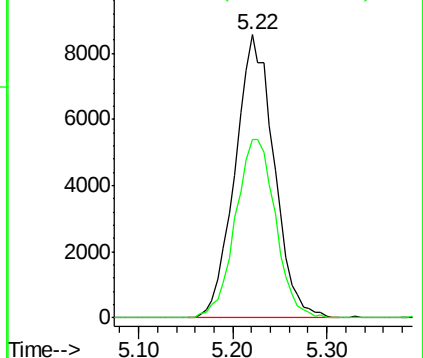
83 100

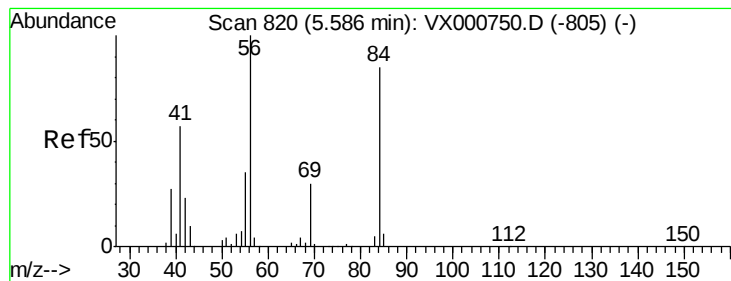
85 63.1 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.18 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

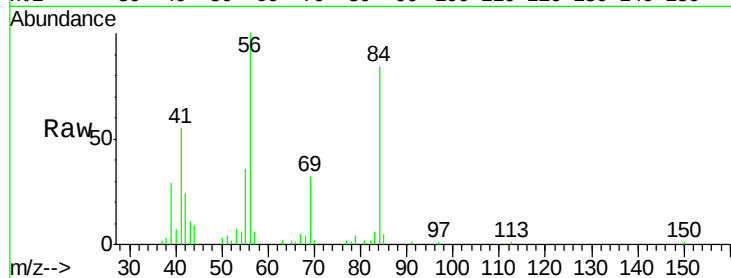
Tgt Ion: 56 Resp: 21932

Ion Ratio Lower Upper

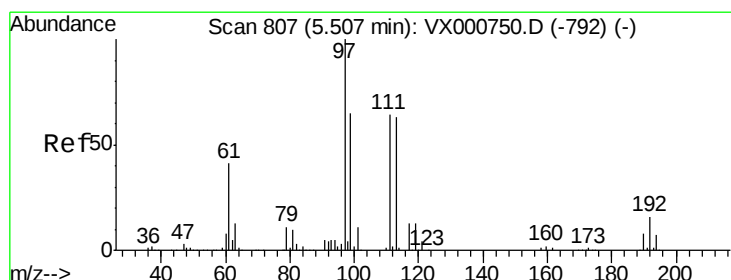
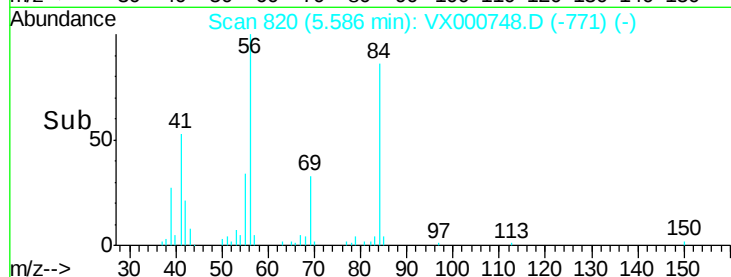
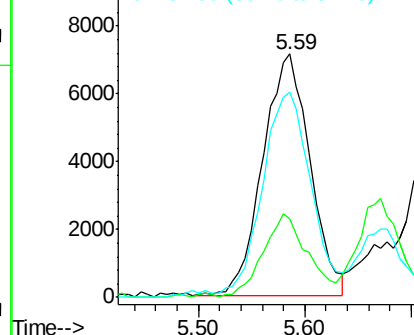
56 100

69 32.7 24.2 36.4

84 82.5 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 4.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

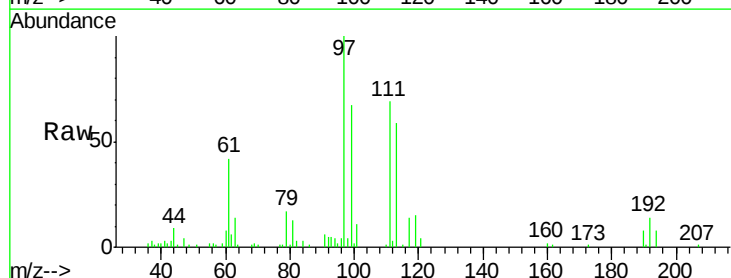
Tgt Ion: 97 Resp: 22945

Ion Ratio Lower Upper

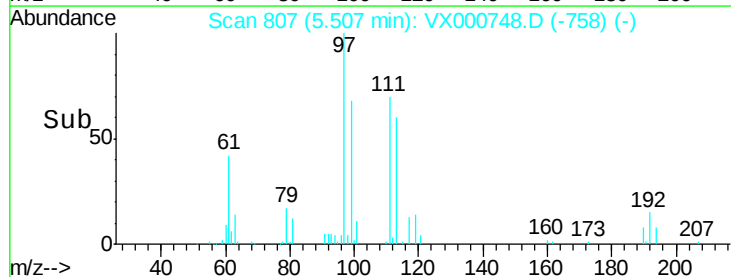
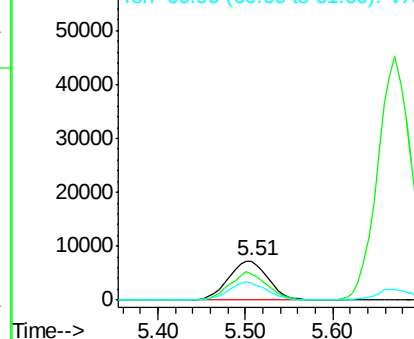
97 100

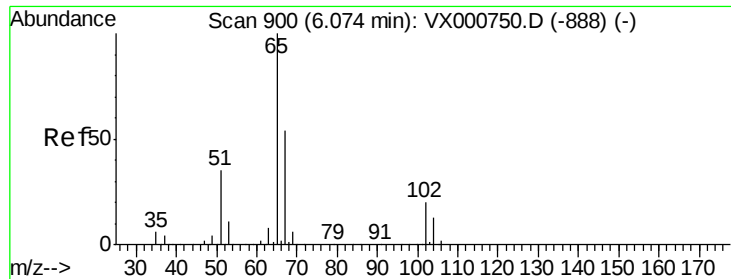
99 66.9 51.4 77.0

61 44.1 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 5.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

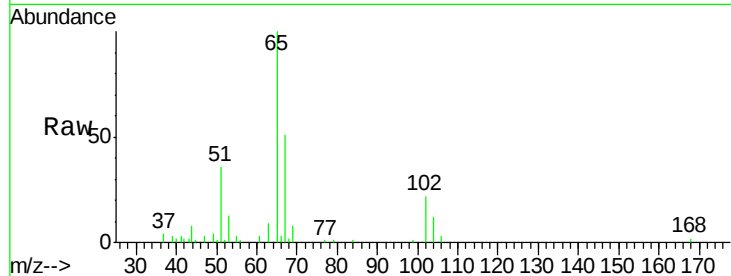
VSTDIC005

Tgt Ion: 65 Resp: 17245

Ion Ratio Lower Upper

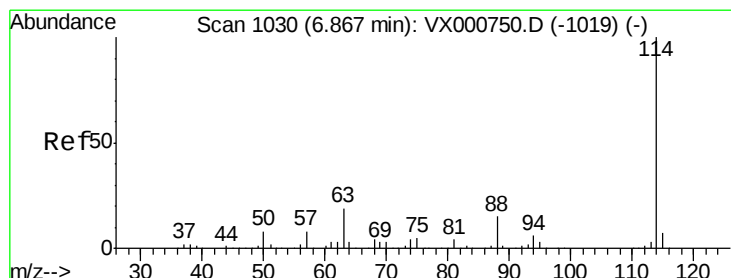
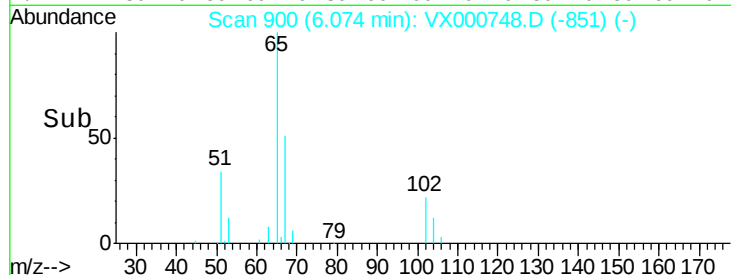
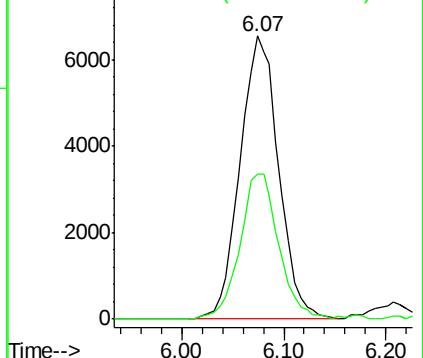
65 100

67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

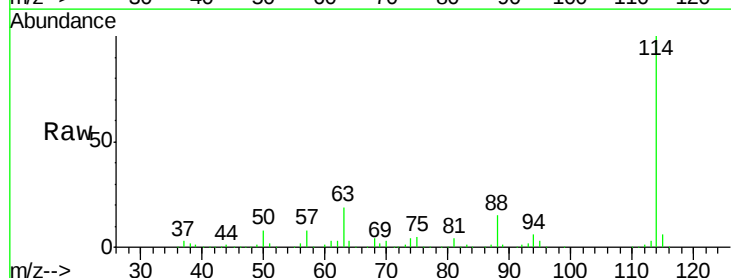
Tgt Ion: 114 Resp: 351422

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

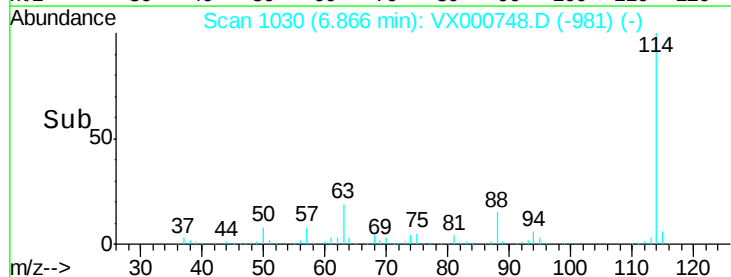
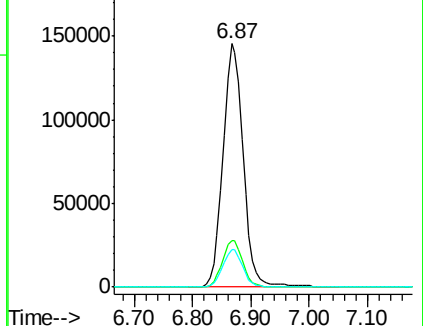
88 15.3 0.0 31.0

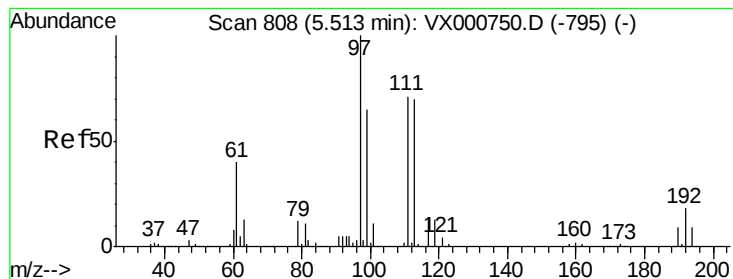


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

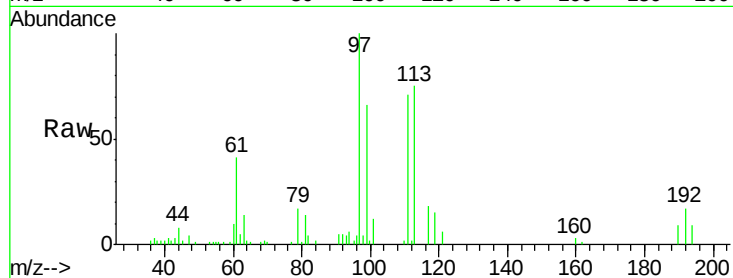
Tgt Ion:113 Resp: 13688

Ion Ratio Lower Upper

113 100

111 97.9 81.5 122.3

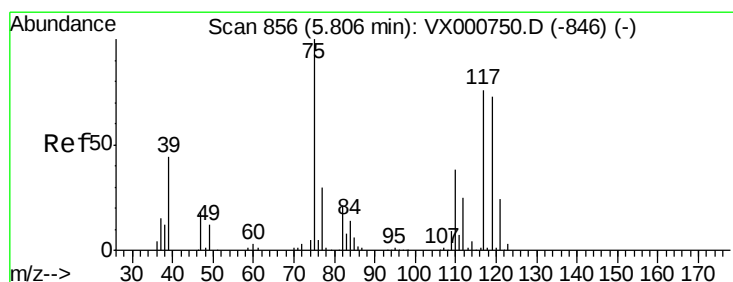
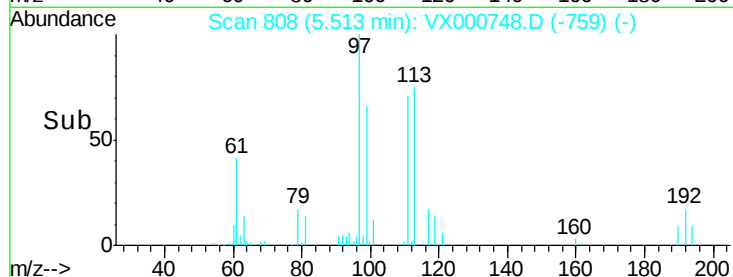
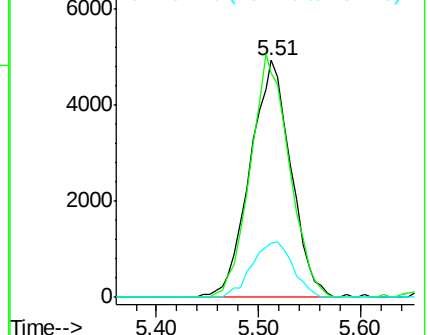
192 23.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.24 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

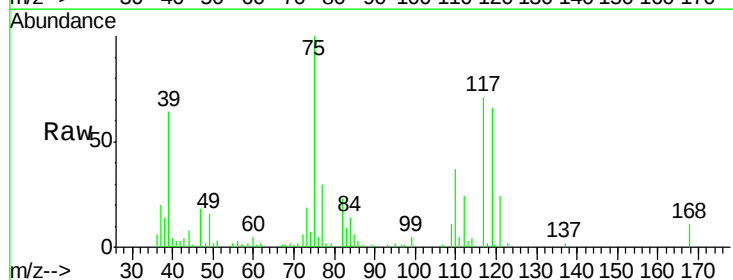
Tgt Ion: 75 Resp: 19605

Ion Ratio Lower Upper

75 100

110 39.0 19.2 57.6

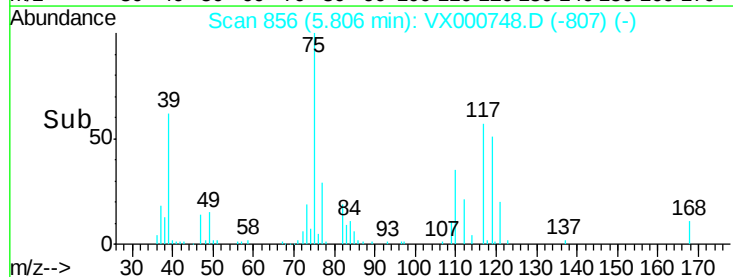
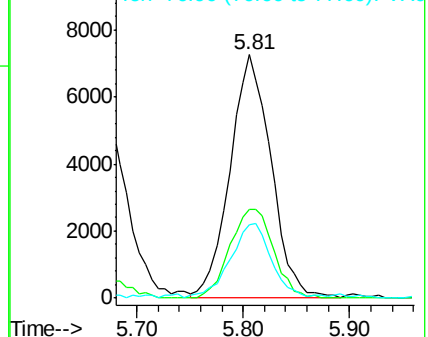
77 31.0 25.4 38.2

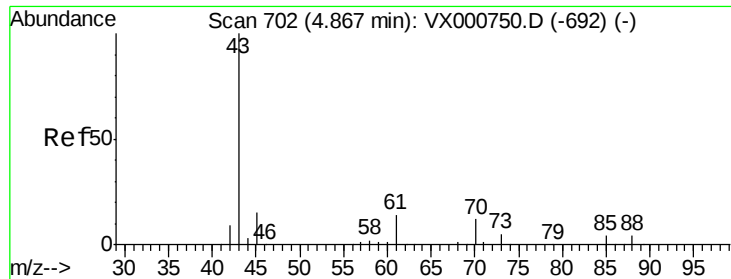


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

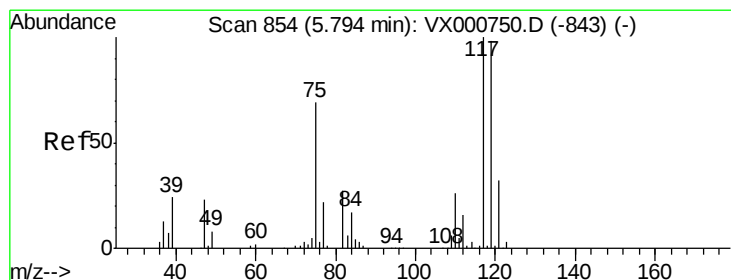
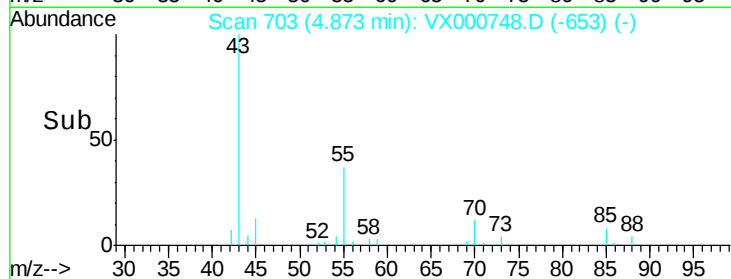
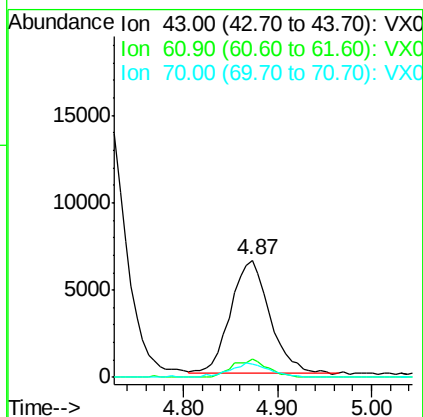
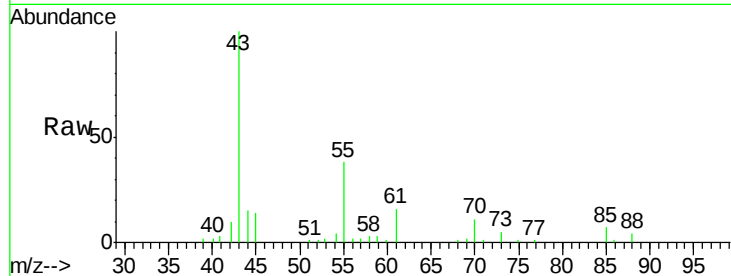




#37
Ethyl Acetate
Concen: 4.98 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

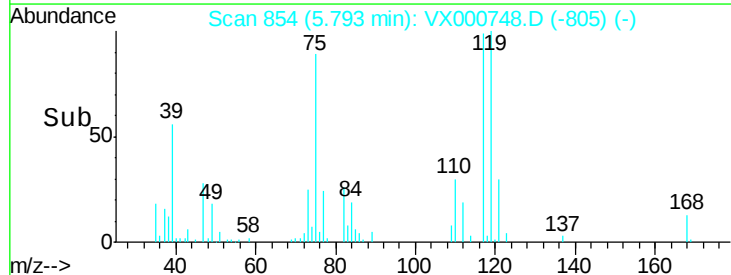
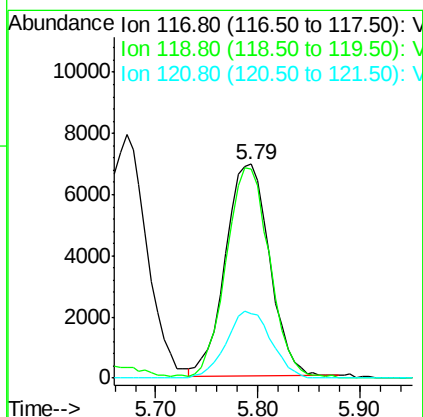
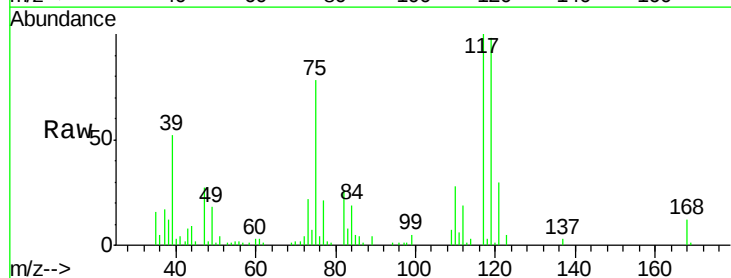
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

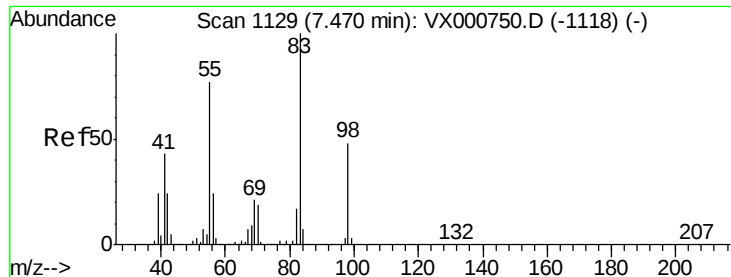
Tgt Ion: 43 Resp: 18878
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 12.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 117 Resp: 20929
Ion Ratio Lower Upper
117 100
119 99.2 78.4 117.6
121 30.7 25.4 38.0

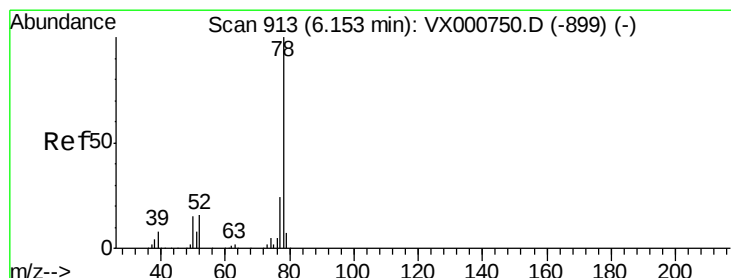
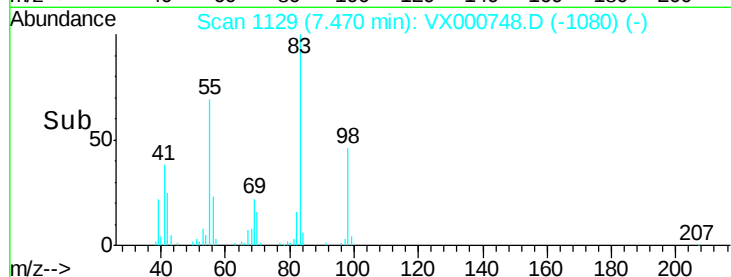
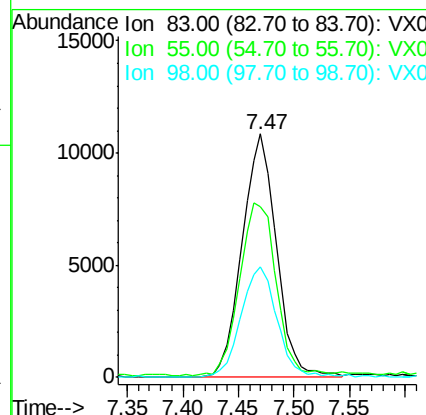
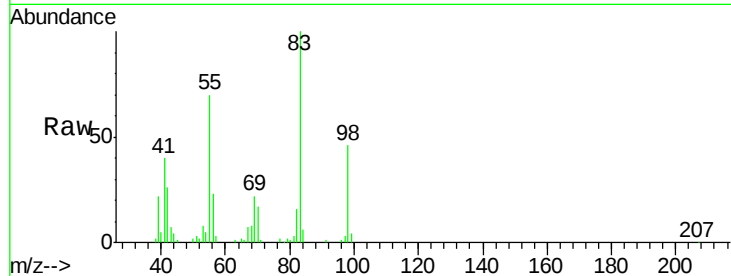




#39
Methylcyclohexane
Concen: 5.22 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

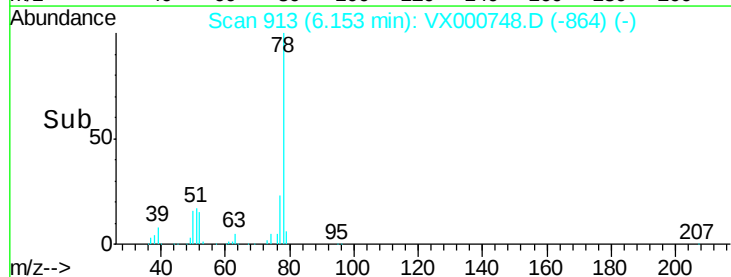
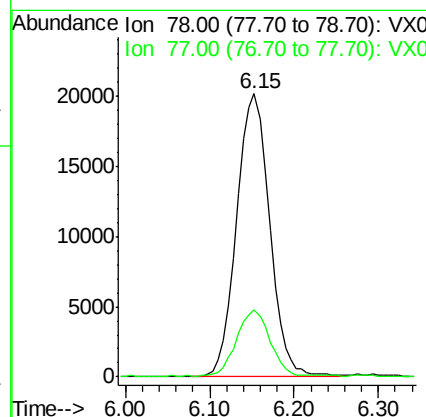
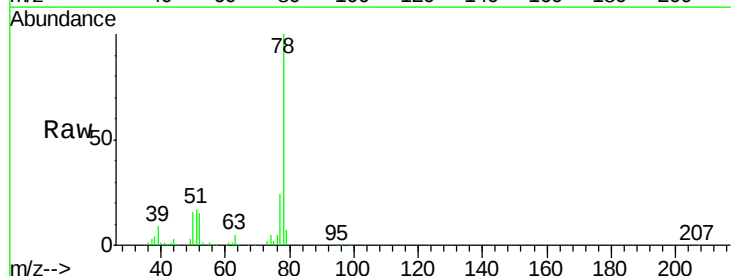
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

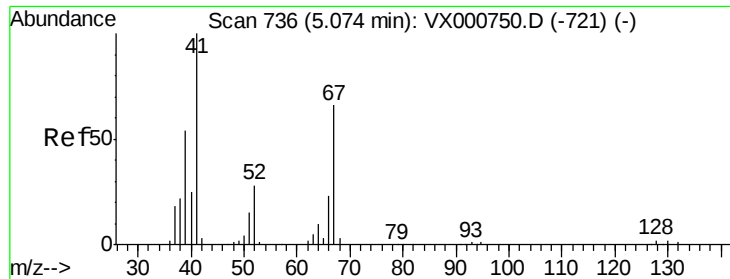
Tgt Ion: 83 Resp: 23314
Ion Ratio Lower Upper
83 100
55 69.3 61.5 92.3
98 45.5 38.1 57.1



#40
Benzene
Concen: 5.05 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 78 Resp: 53689
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

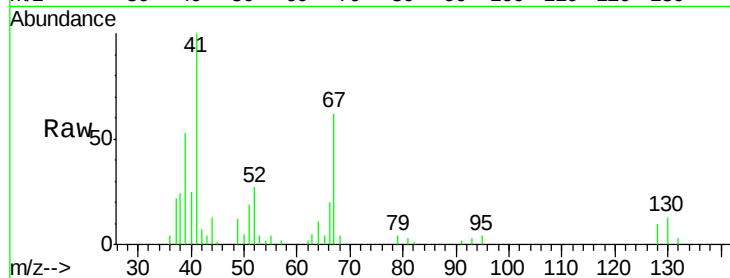




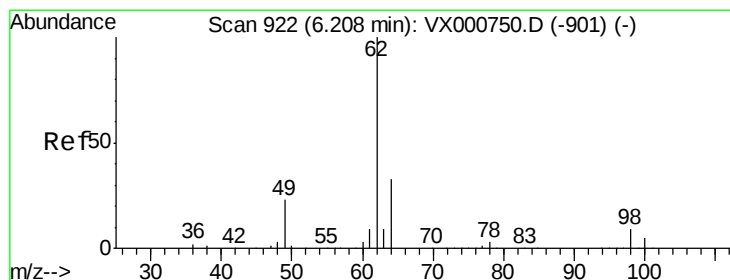
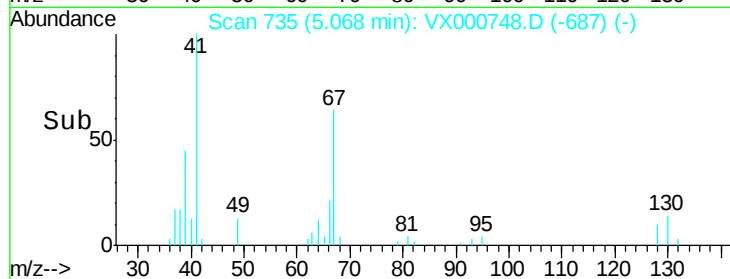
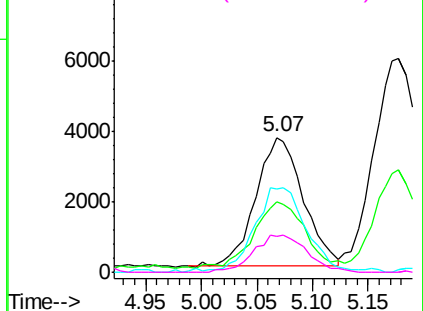
#41
Methacrylonitrile
Concen: 4.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	10853
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.9	67.3
67	71.9	54.7	82.1
52	32.4	23.0	34.6

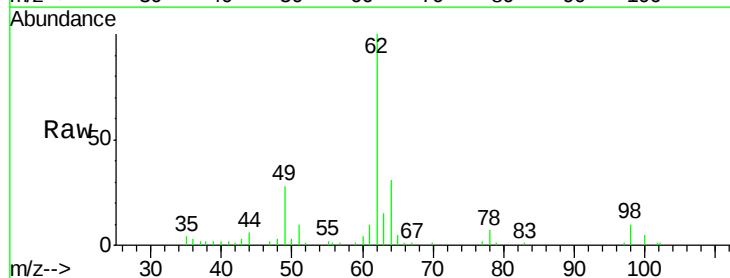


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

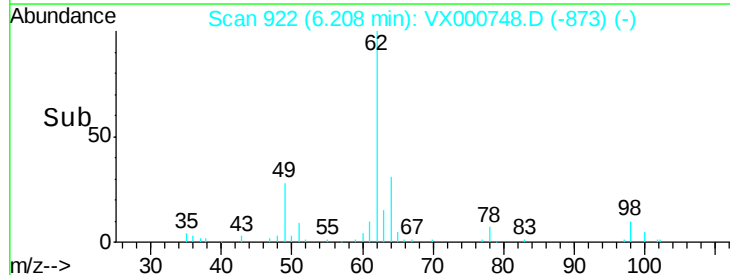
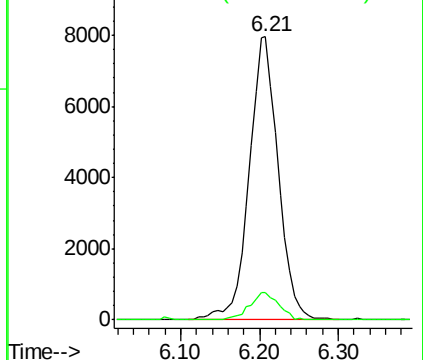


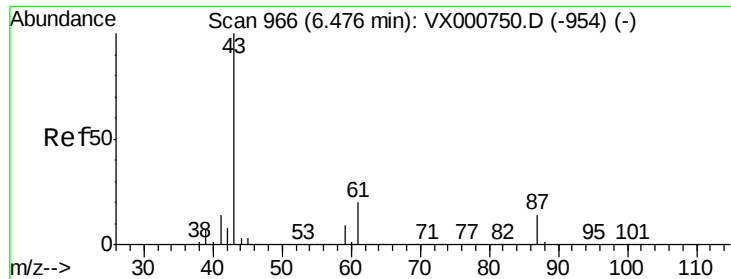
#42
1,2-Dichloroethane
Concen: 5.13 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion:	62	Resp:	20390
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.98 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

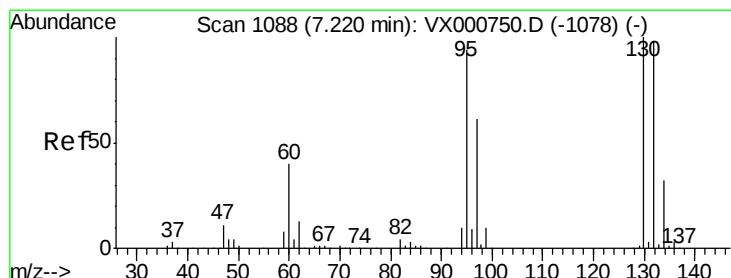
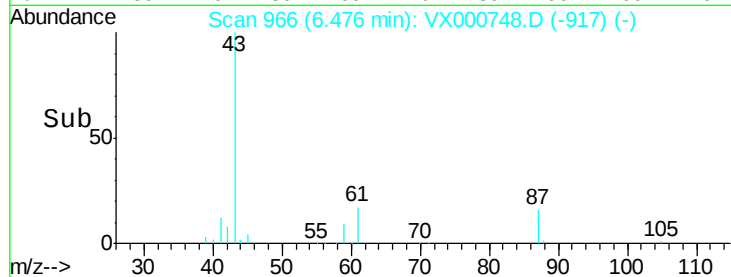
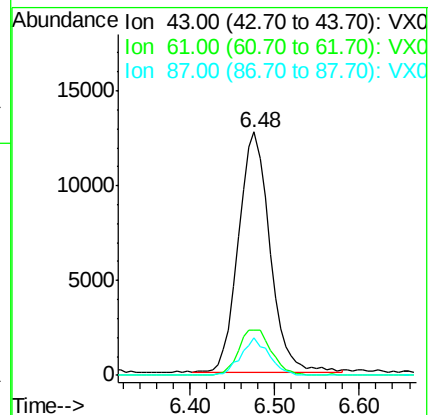
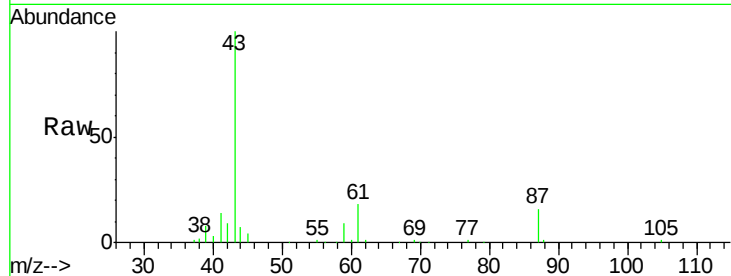
Tgt Ion: 43 Resp: 31978

Ion Ratio Lower Upper

43 100

61 19.8 15.6 23.4

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 5.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000748.D

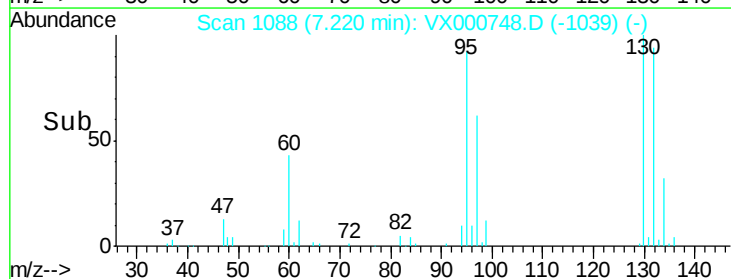
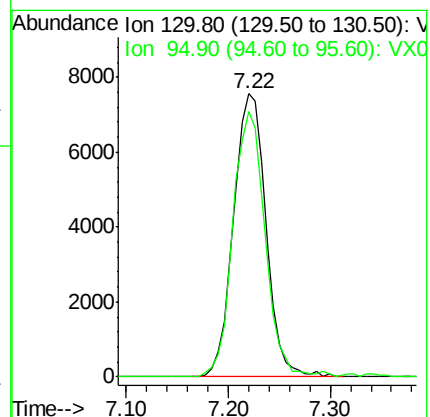
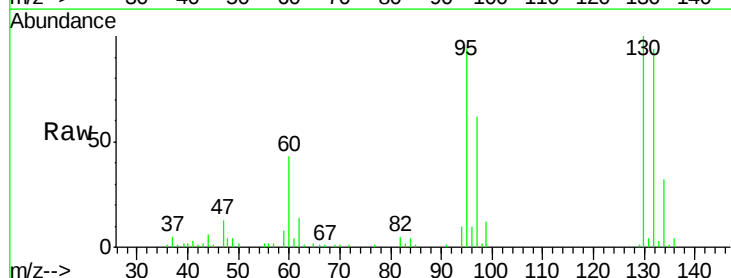
Acq: 10 Apr 2018 13:09

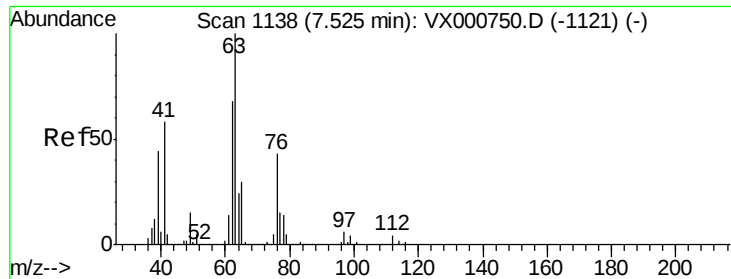
Tgt Ion: 130 Resp: 16593

Ion Ratio Lower Upper

130 100

95 93.6 0.0 187.0

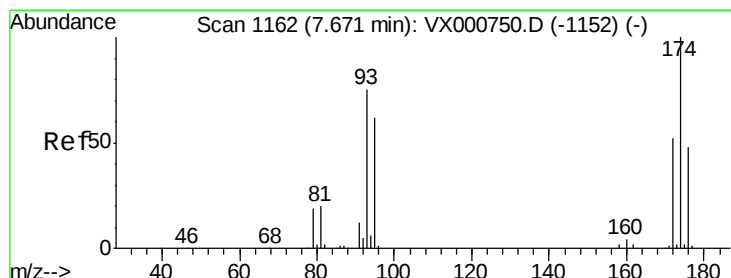
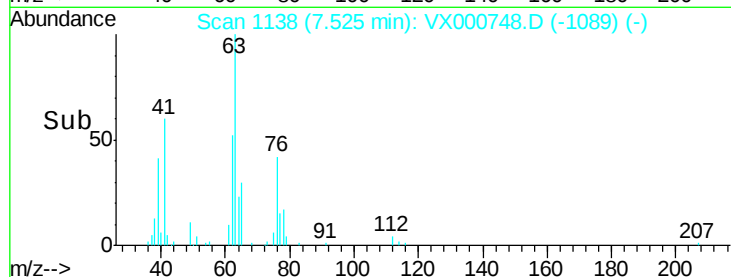
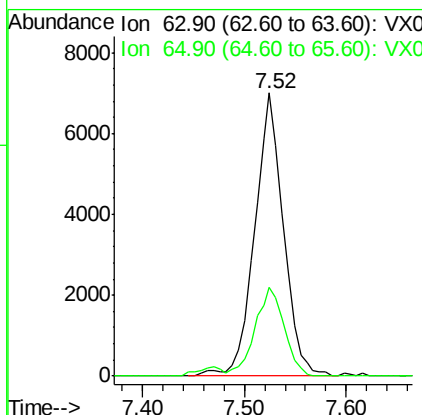
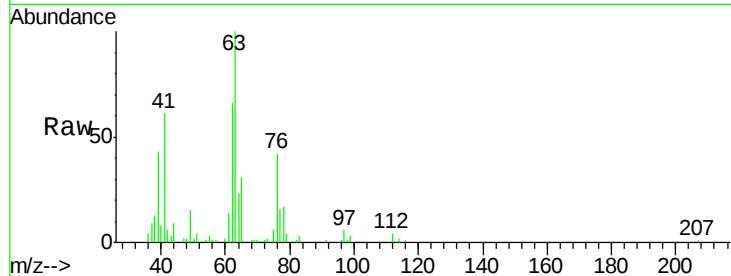




#45
 1,2-Dichloropropane
 Concen: 5.01 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

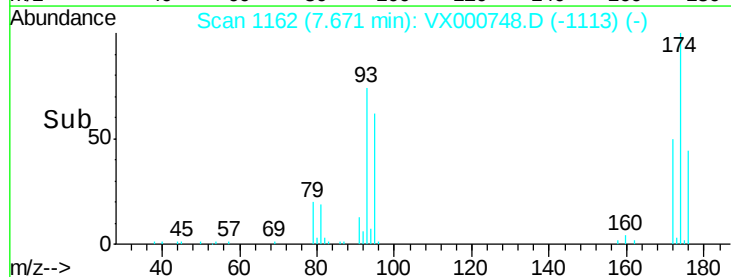
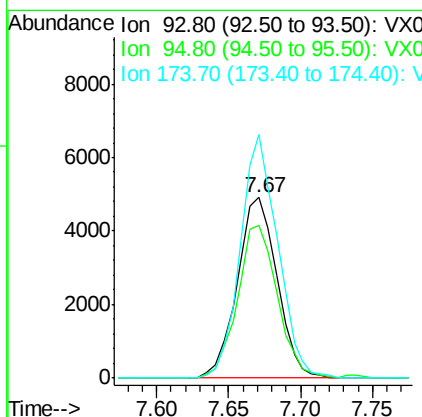
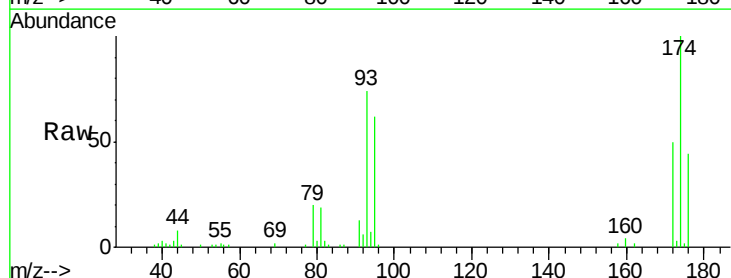
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

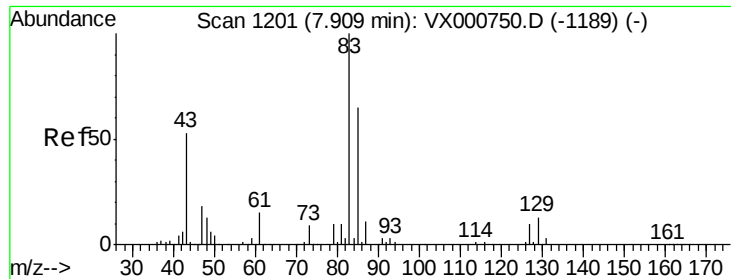
Tgt Ion: 63 Resp: 13763
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.7 35.5



#46
 Dibromomethane
 Concen: 4.98 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

Tgt Ion: 93 Resp: 9396
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.6 100.0
 174 126.8 104.5 156.7





#47

Bromodichloromethane

Concen: 4.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

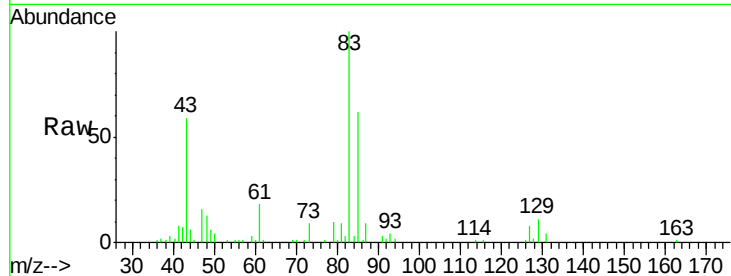
Tgt Ion: 83 Resp: 19266

Ion Ratio Lower Upper

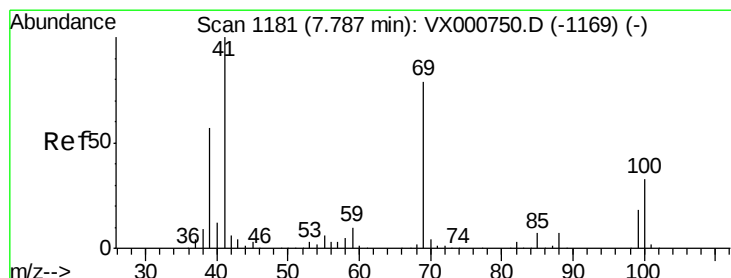
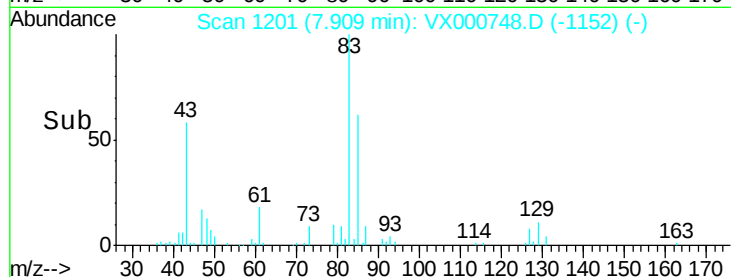
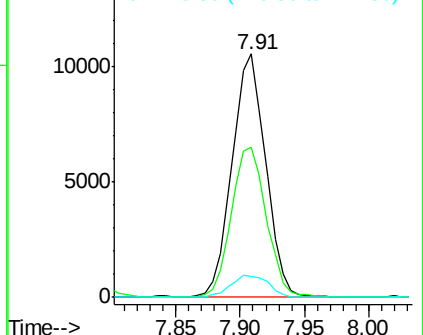
83 100

85 61.8 52.2 78.4

127 8.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.99 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

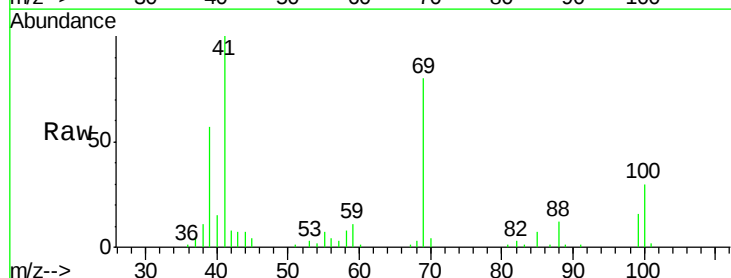
Tgt Ion: 41 Resp: 16744

Ion Ratio Lower Upper

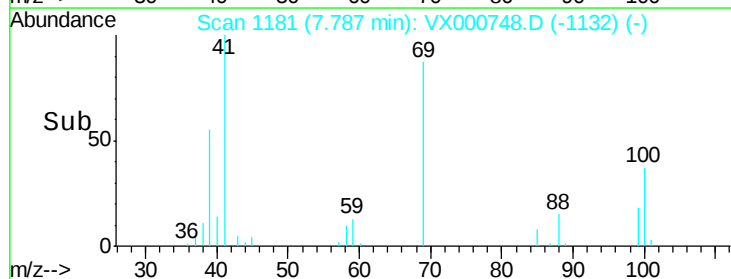
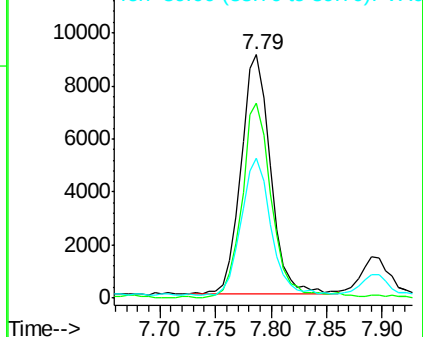
41 100

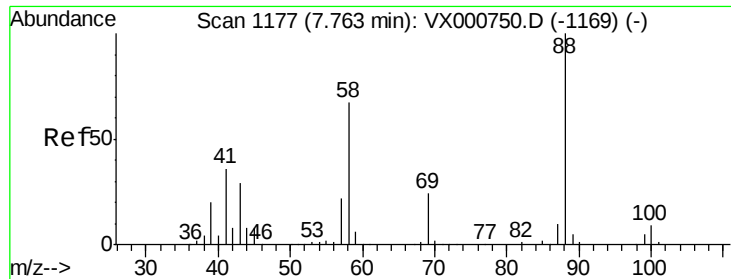
69 82.5 63.9 95.9

39 57.3 45.9 68.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

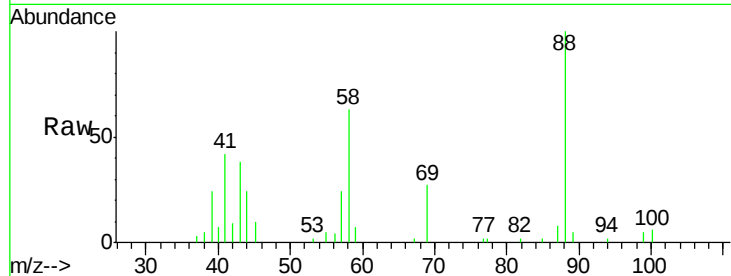




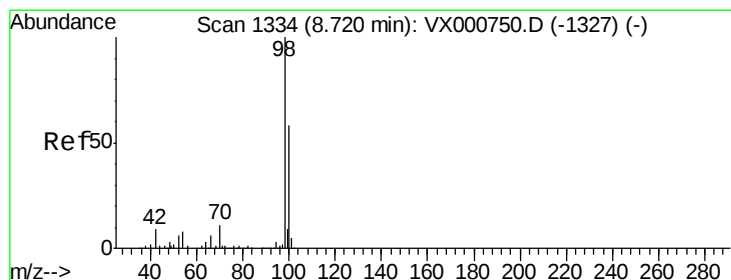
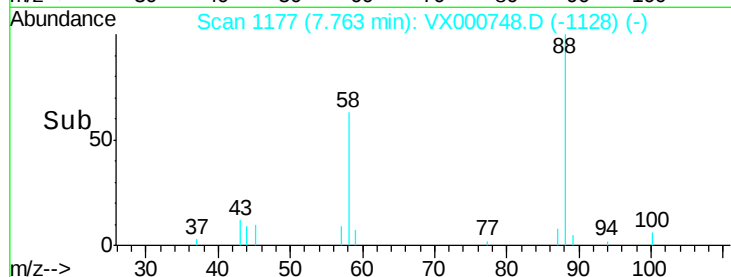
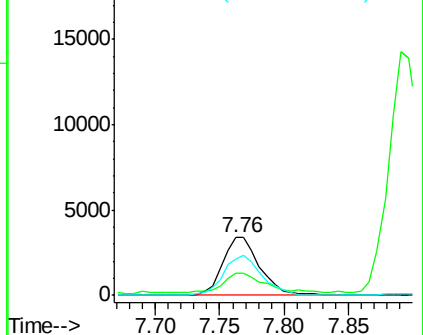
#49
1,4-Dioxane
Concen: 101.28 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 6846
Ion Ratio Lower Upper
88 100
43 37.6 25.8 38.8
58 70.0 54.4 81.6

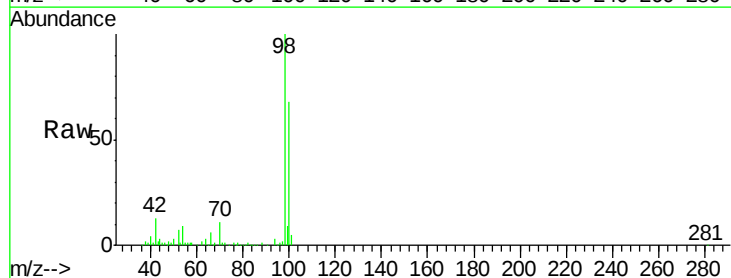


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

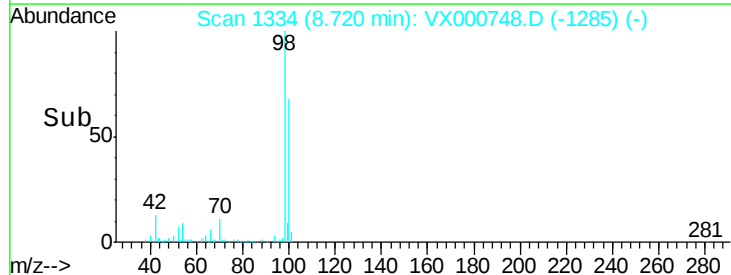
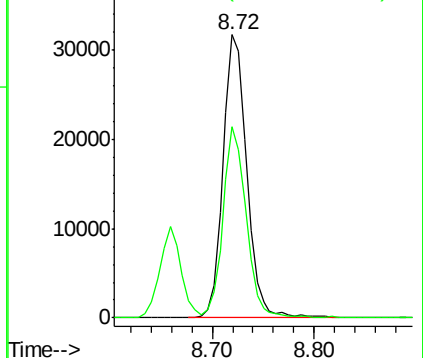


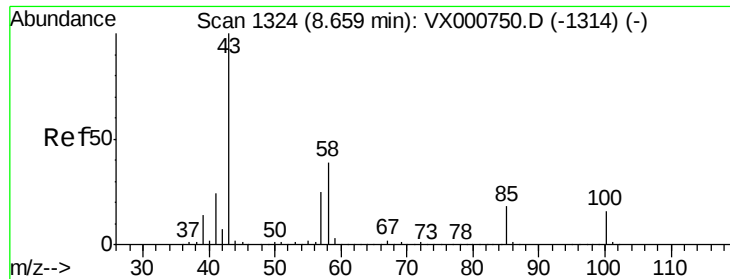
#50
Toluene-d8
Concen: 5.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 98 Resp: 51282
Ion Ratio Lower Upper
98 100
100 65.7 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: 24.84 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

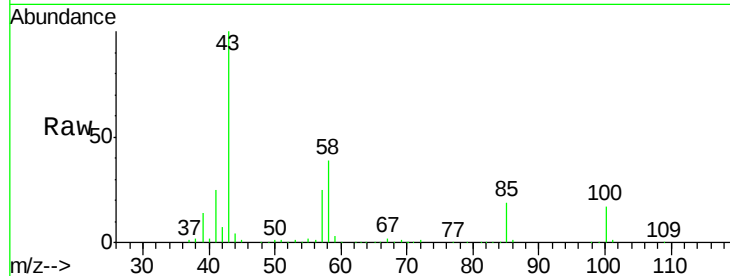
VSTDIC005

Tgt Ion: 43 Resp: 95478

Ion Ratio Lower Upper

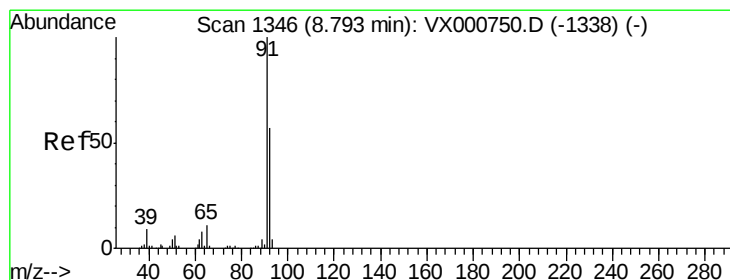
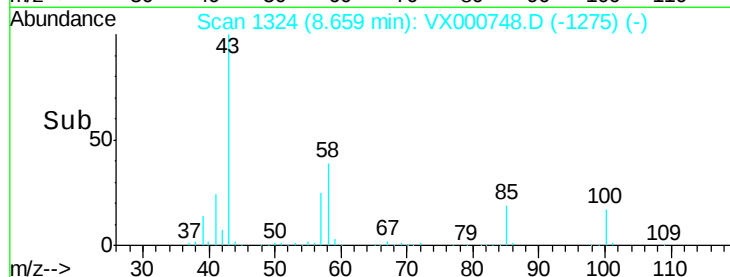
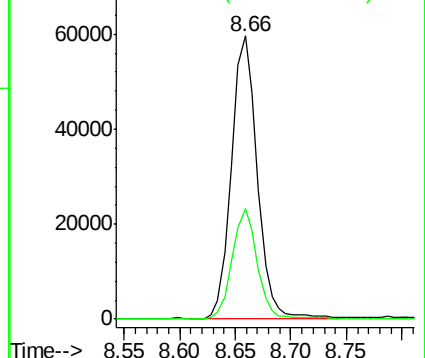
43 100

58 37.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.14 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000748.D

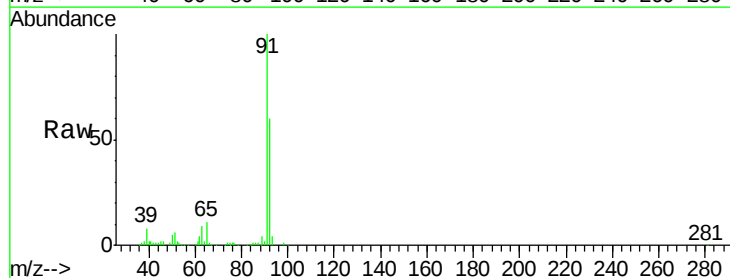
Acq: 10 Apr 2018 13:09

Tgt Ion: 92 Resp: 36005

Ion Ratio Lower Upper

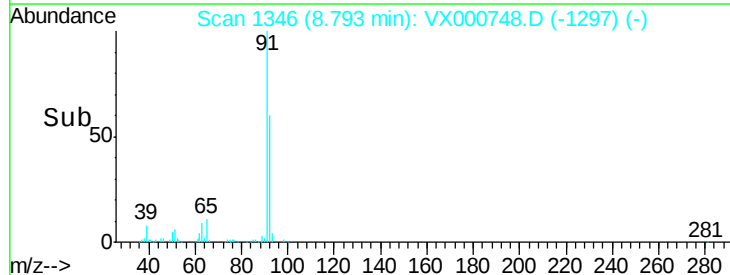
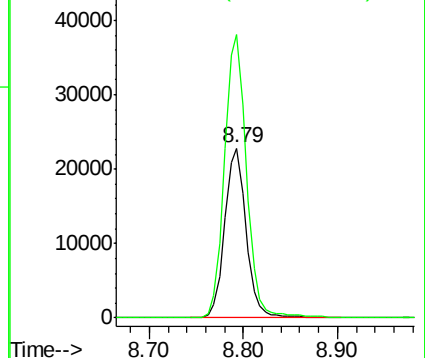
92 100

91 171.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.88 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

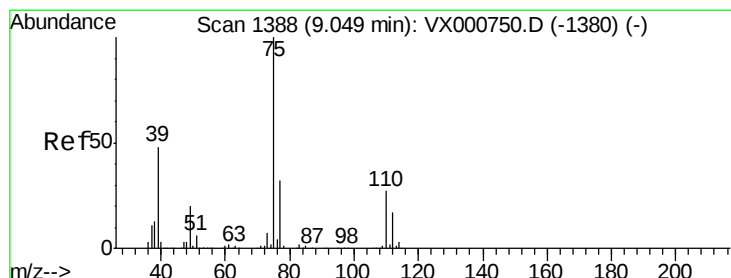
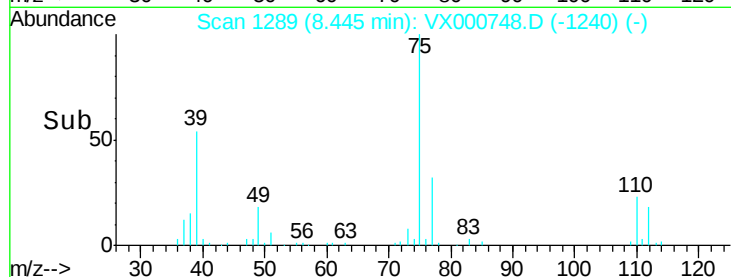
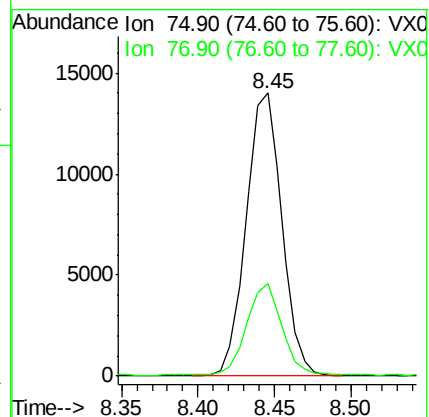
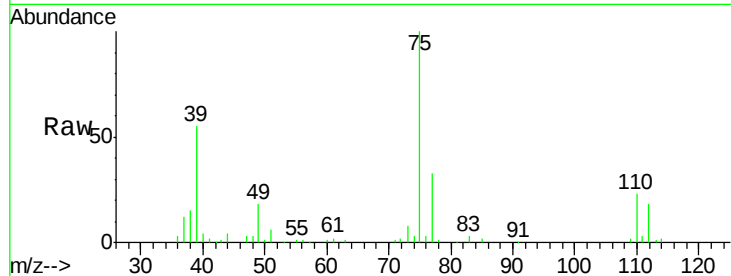
VSTDIC005

Tgt Ion: 75 Resp: 22718

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 4.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

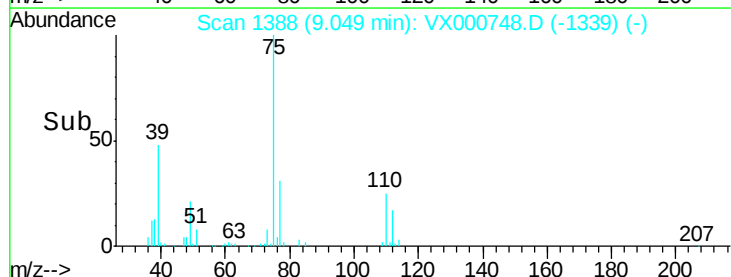
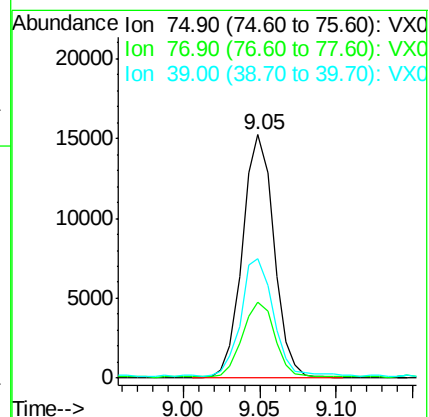
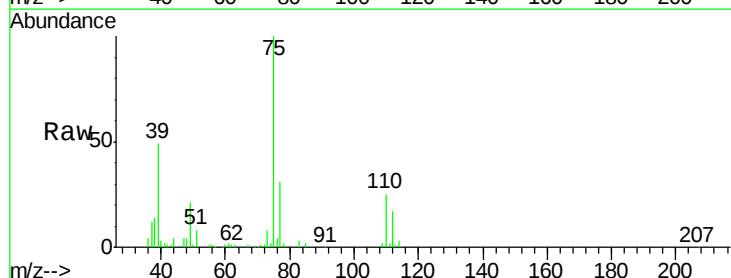
Tgt Ion: 75 Resp: 21837

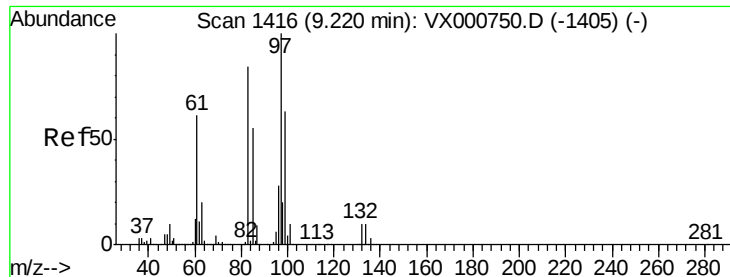
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2

39 47.9 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 5.06 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 97 Resp: 14002

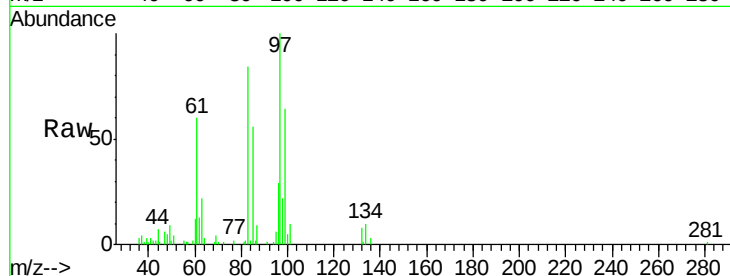
Ion Ratio Lower Upper

97 100

83 83.8 67.6 101.4

85 55.5 43.8 65.6

99 64.4 50.2 75.4

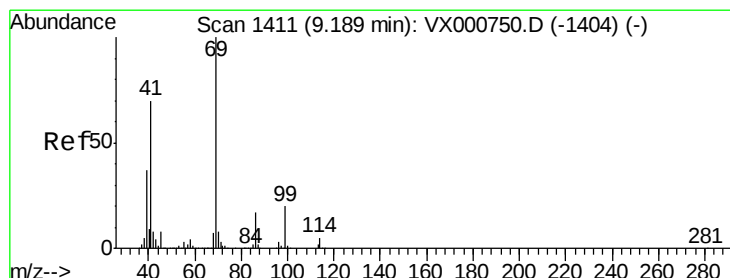
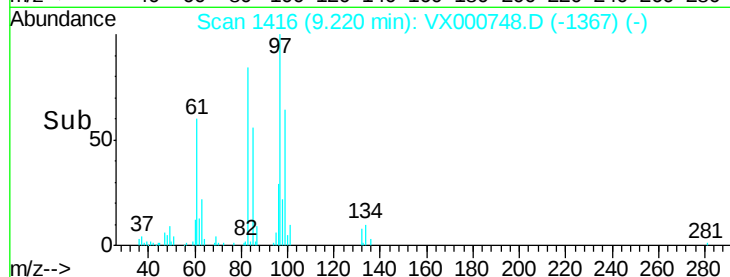
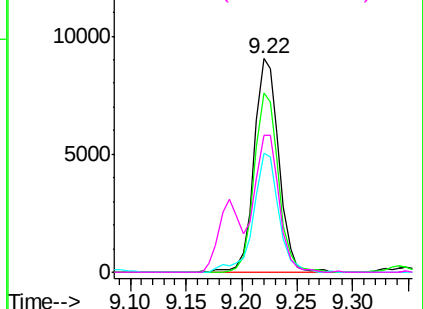


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.97 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

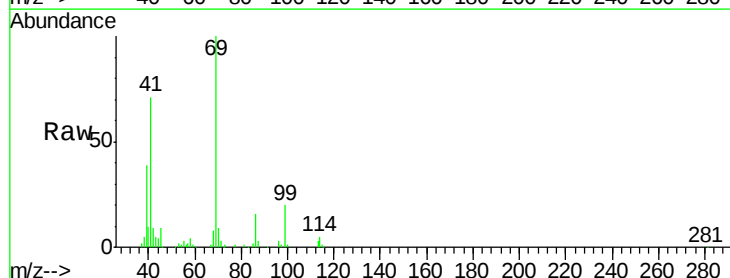
Tgt Ion: 69 Resp: 21699

Ion Ratio Lower Upper

69 100

41 69.6 55.6 83.4

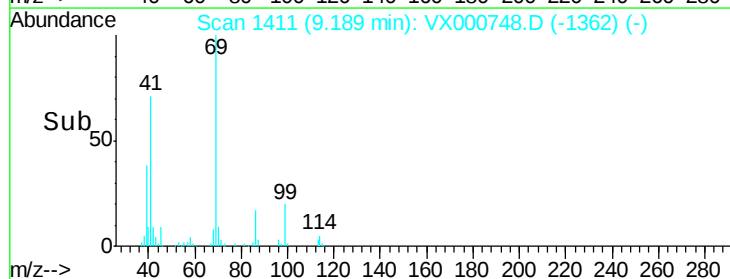
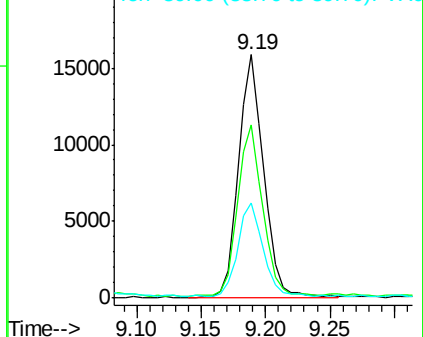
39 37.8 30.3 45.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 4.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

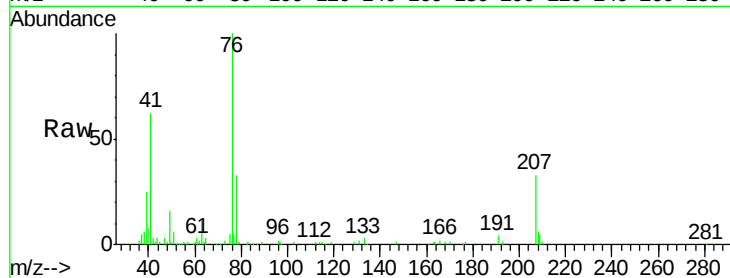
VSTDIC005

Tgt Ion: 76 Resp: 22417

Ion Ratio Lower Upper

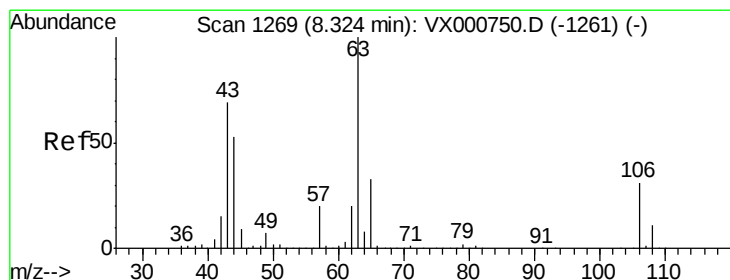
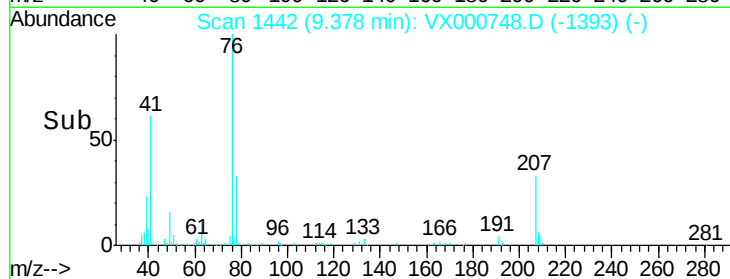
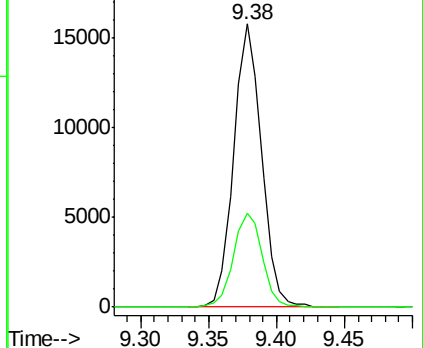
76 100

78 34.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 25.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000748.D

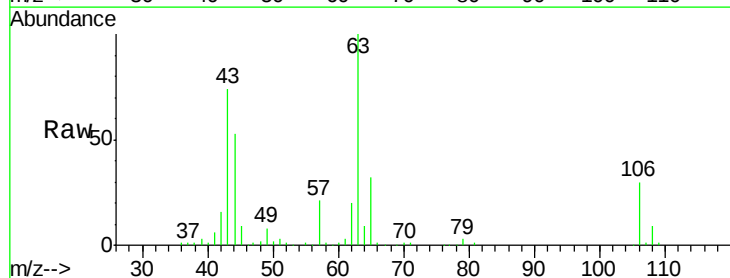
Acq: 10 Apr 2018 13:09

Tgt Ion: 63 Resp: 52758

Ion Ratio Lower Upper

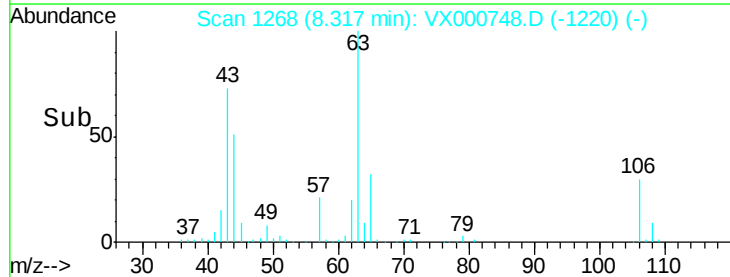
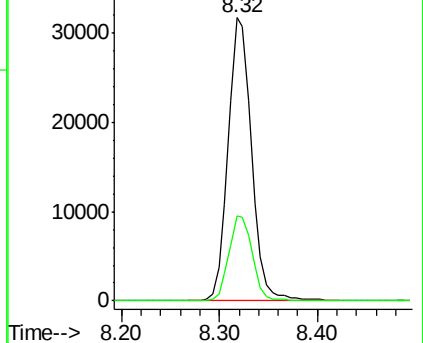
63 100

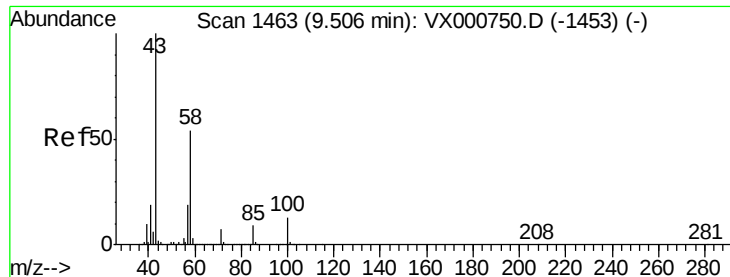
106 30.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

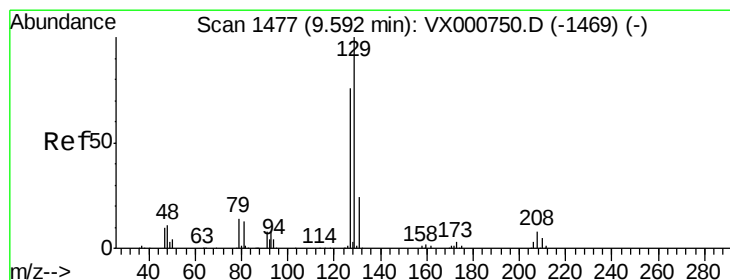
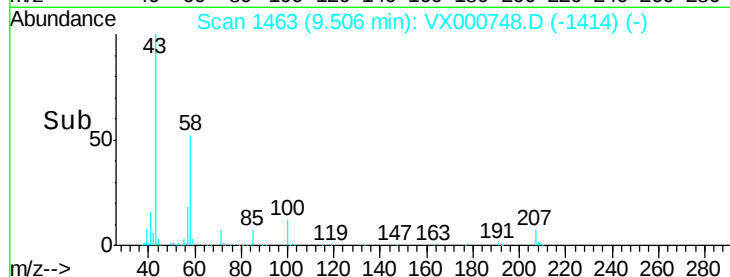
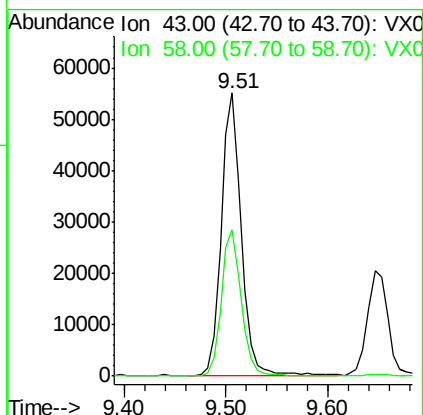
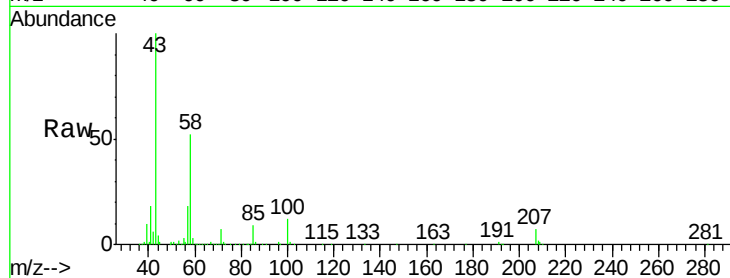




#59
2-Hexanone
Concen: 24.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

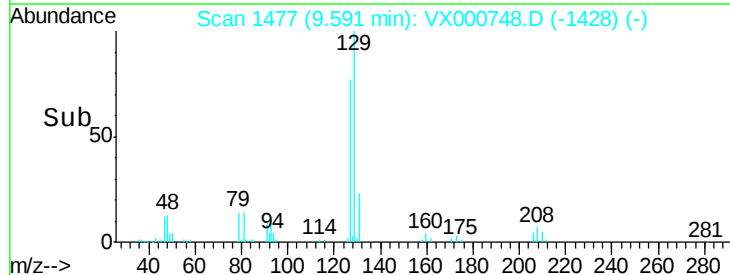
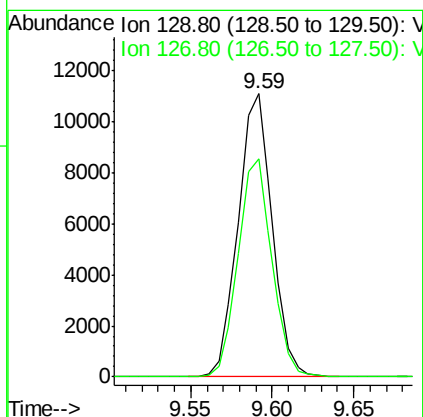
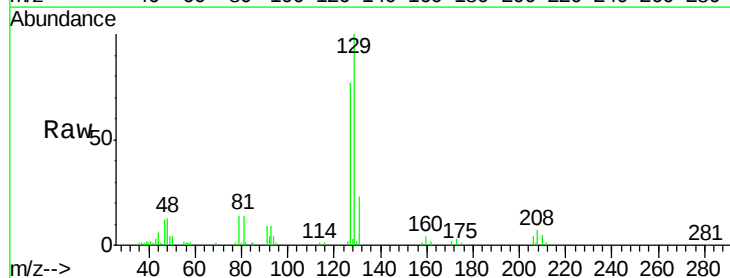
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

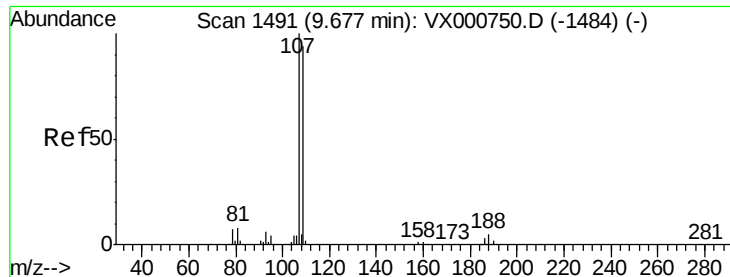
Tgt Ion: 43 Resp: 74343
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.5



#60
Dibromochloromethane
Concen: 4.67 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 129 Resp: 16167
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 4.83 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

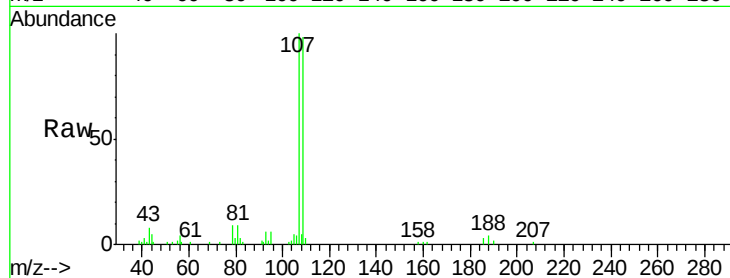
VSTDIC005

Tgt Ion: 107 Resp: 14568

Ion Ratio Lower Upper

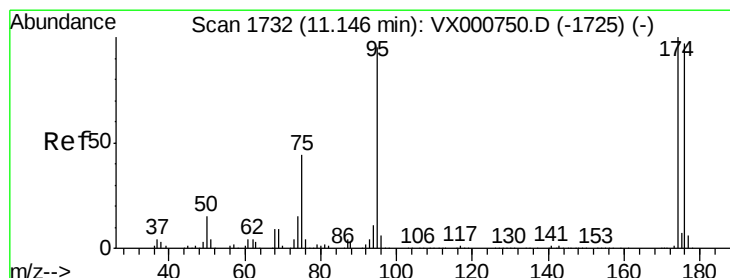
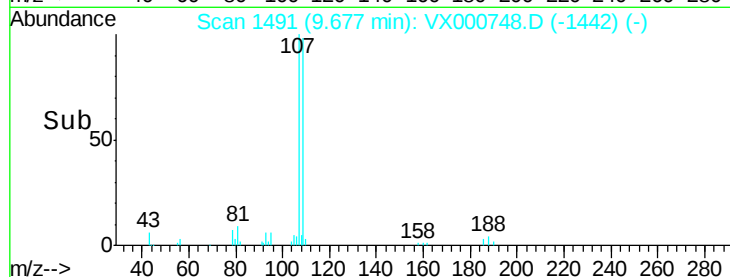
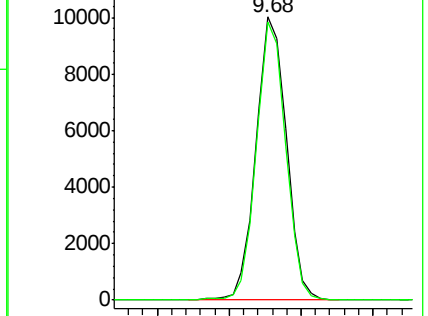
107 100

109 95.1 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.26 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

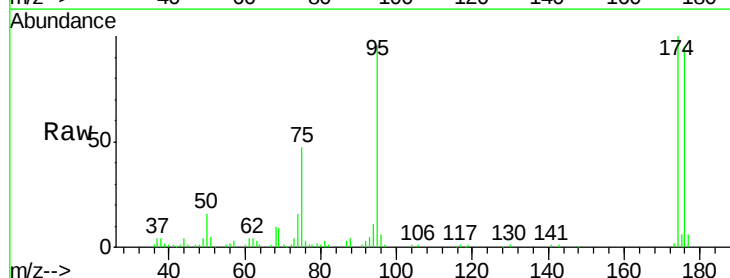
Tgt Ion: 95 Resp: 20917

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

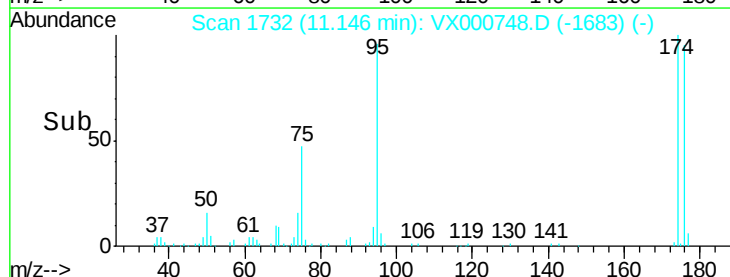
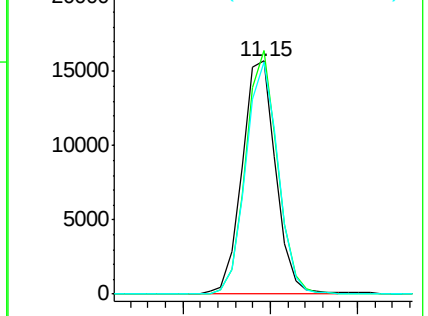
176 95.8 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

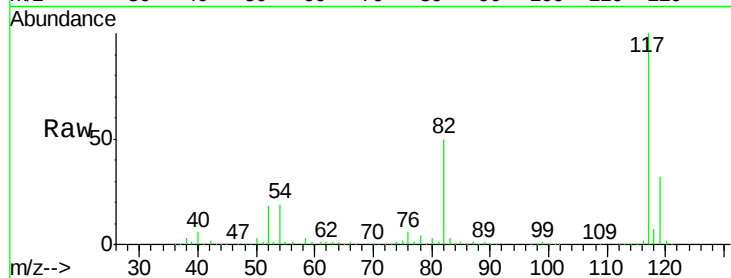




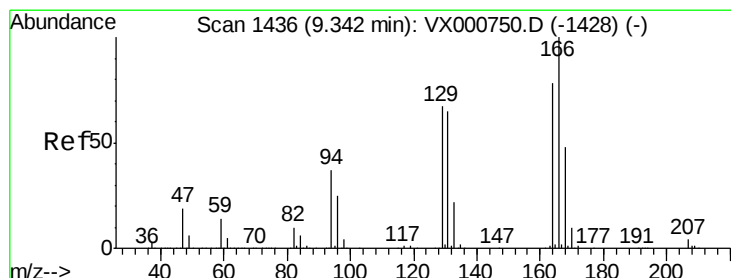
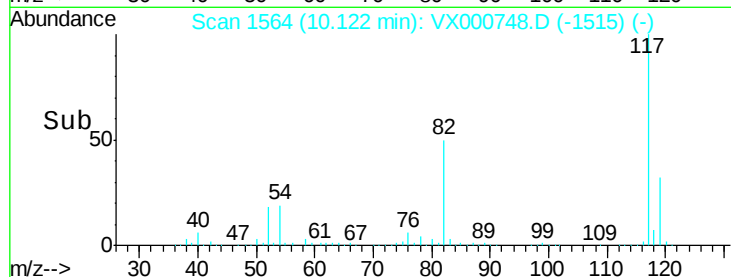
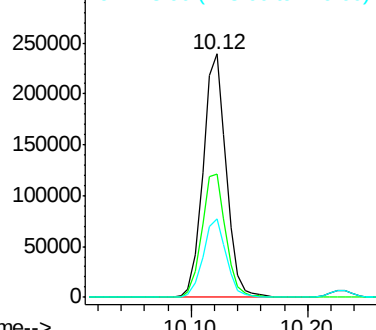
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 330299
Ion Ratio Lower Upper
117 100
82 50.5 41.9 62.9
119 32.1 26.0 39.0



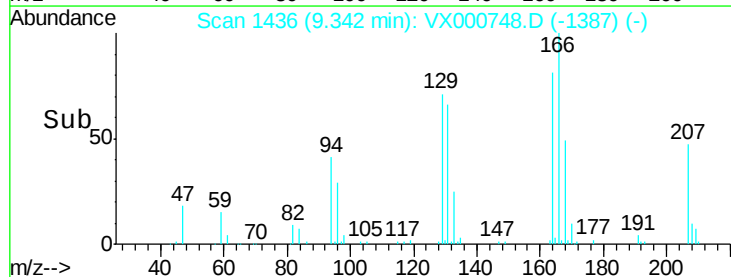
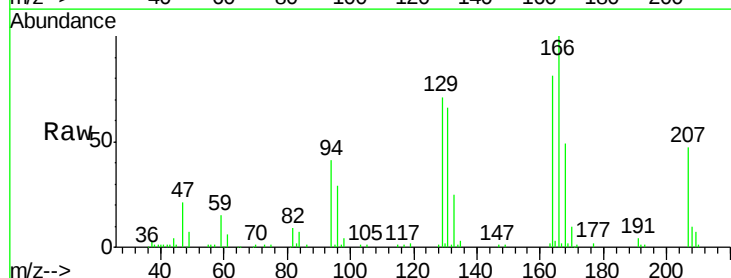
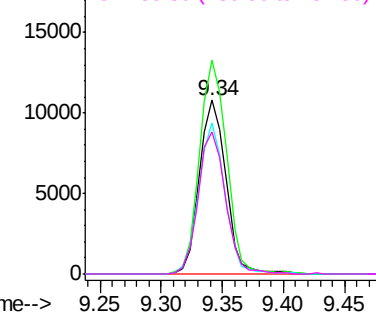
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

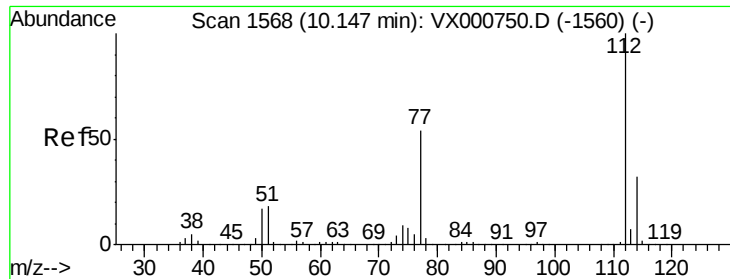


#64
Tetrachloroethene
Concen: 5.07 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion:164 Resp: 16183
Ion Ratio Lower Upper
164 100
166 122.9 102.8 154.2
129 86.8 68.5 102.7
131 81.5 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

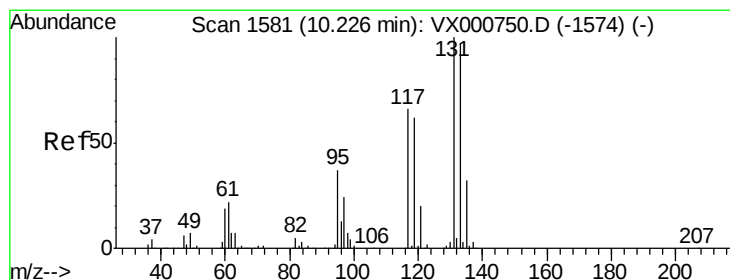
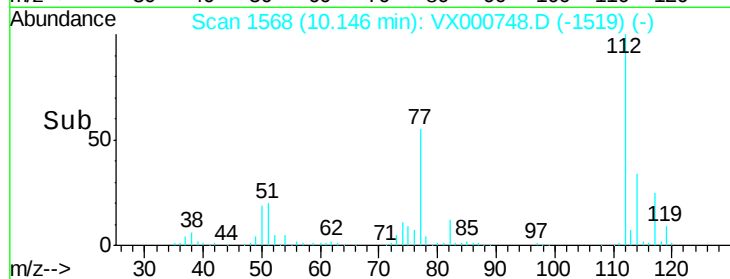
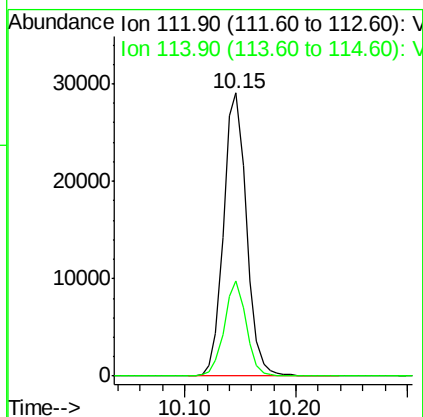
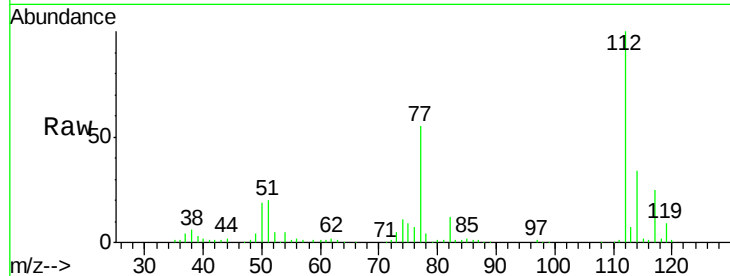




#65
Chlorobenzene
Concen: 5.02 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

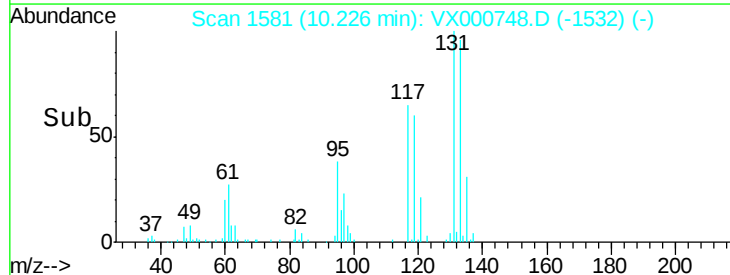
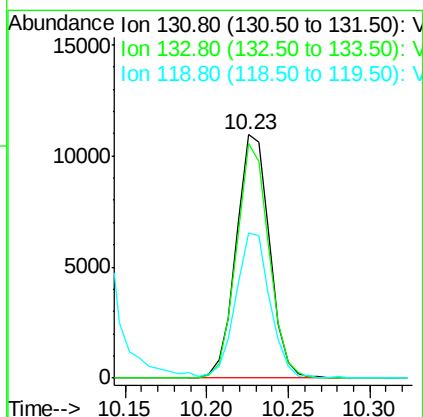
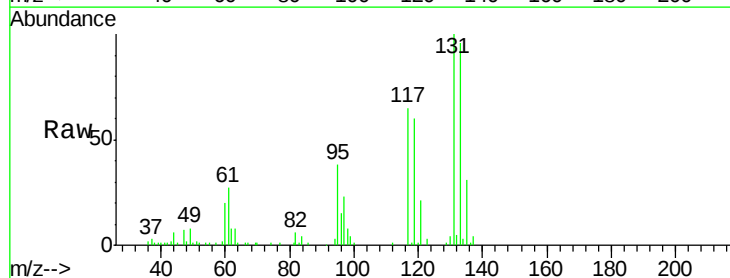
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

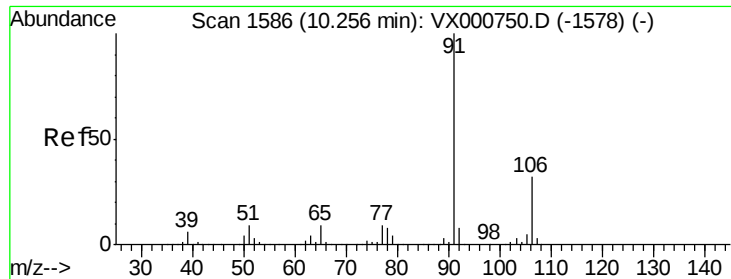
Tgt Ion:112 Resp: 41554
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.97 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion:131 Resp: 15584
Ion Ratio Lower Upper
131 100
133 93.9 48.3 144.9
119 61.3 31.4 94.0

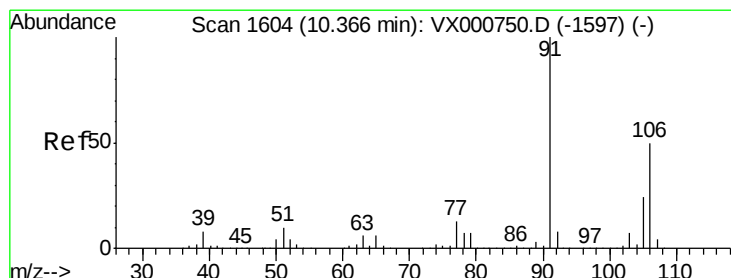
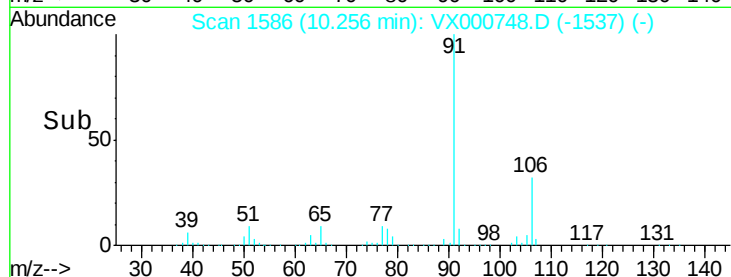
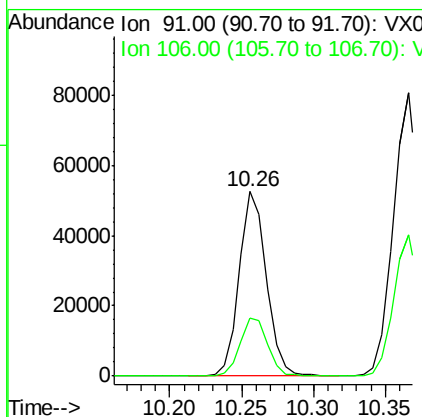
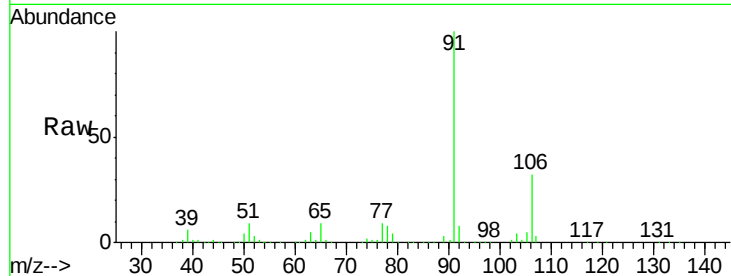




#67
Ethyl Benzene
Concen: 5.02 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

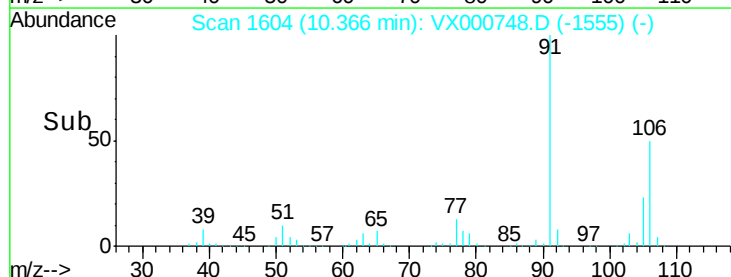
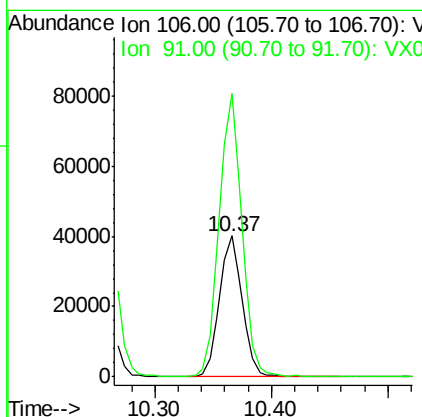
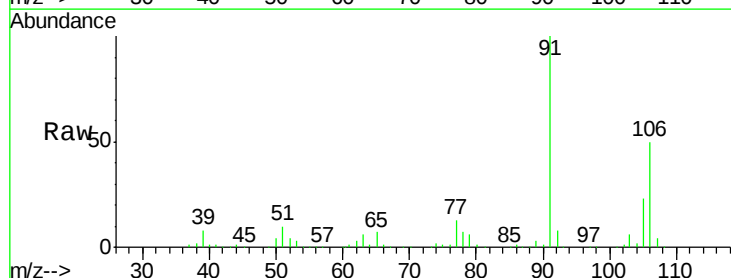
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

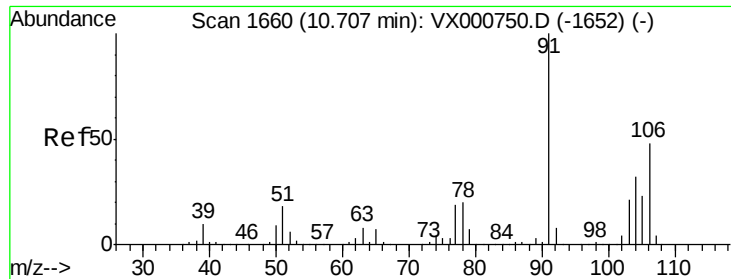
Tgt Ion: 91 Resp: 69200
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 9.92 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 106 Resp: 54088
Ion Ratio Lower Upper
106 100
91 201.1 159.3 238.9

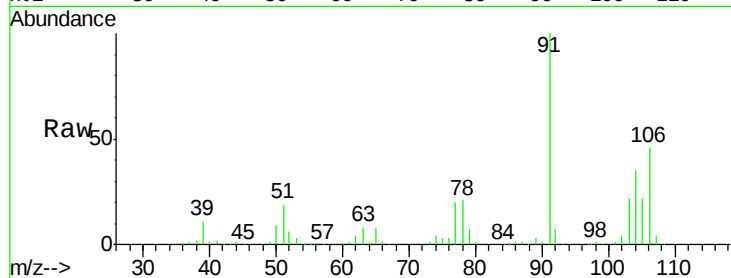




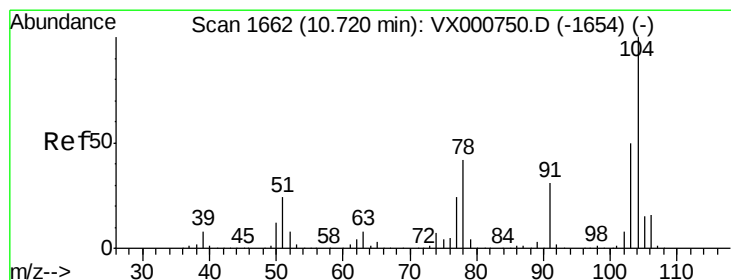
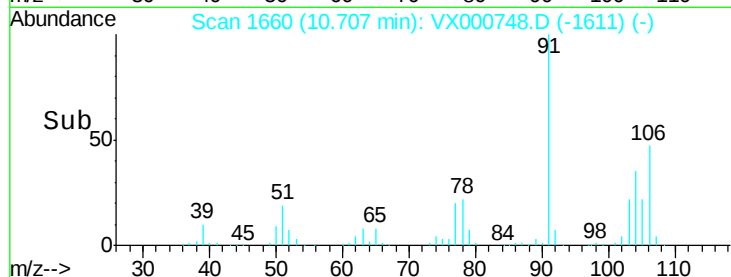
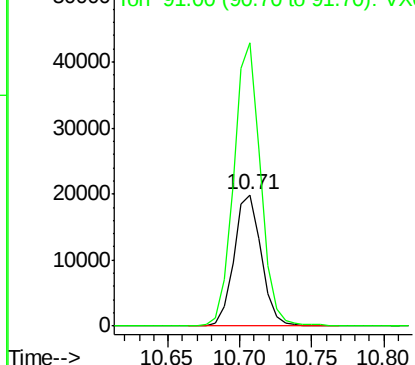
#69
o-Xylene
Concen: 4.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 26397
Ion Ratio Lower Upper
106 100
91 212.2 105.0 315.0

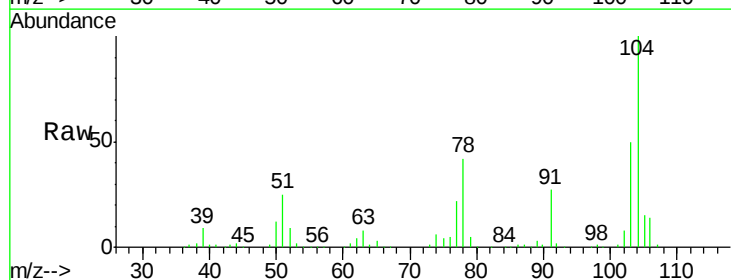


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

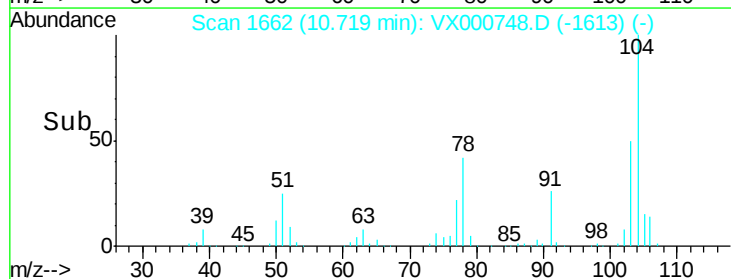
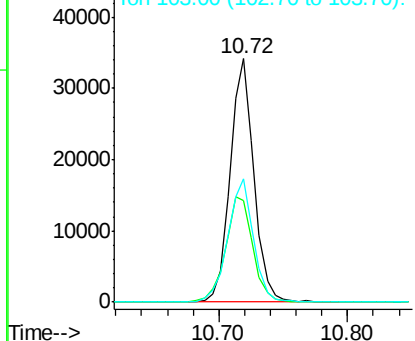


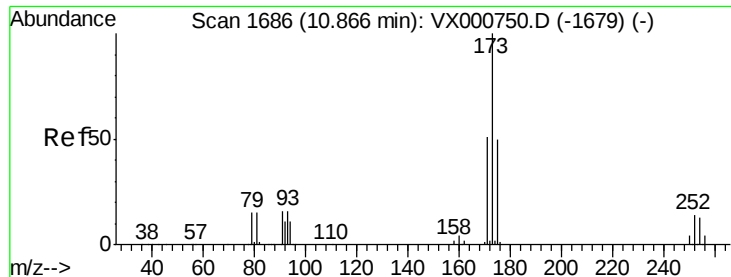
#70
Styrene
Concen: 4.92 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion:104 Resp: 44024
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 54.5 44.1 66.1



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

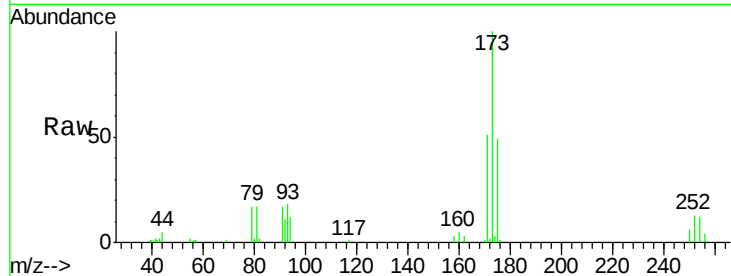




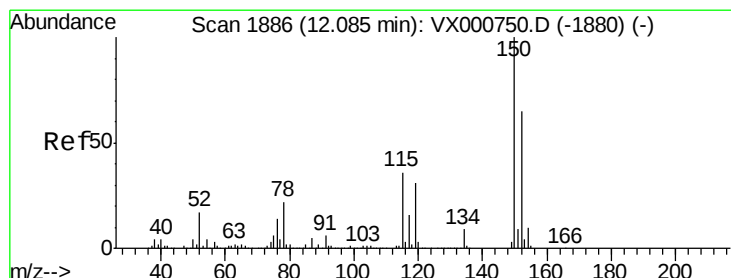
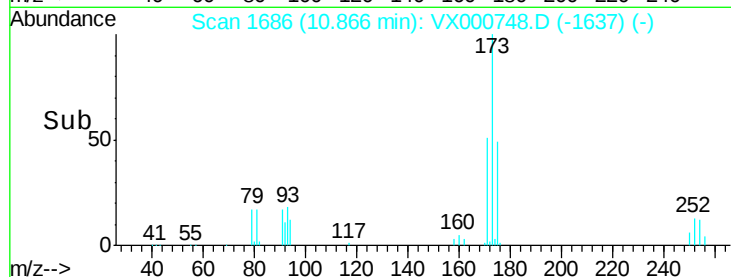
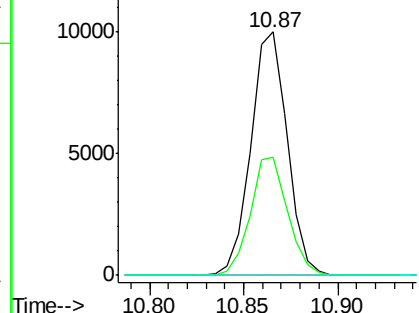
#71
Bromoform
Concen: 4.42 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 13373
Ion Ratio Lower Upper
173 100
175 49.5 24.5 73.5
254 0.0 0.2 0.2#

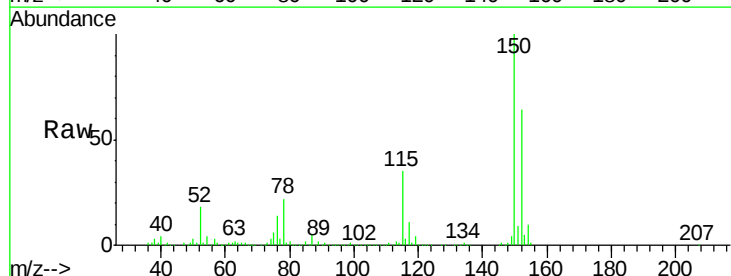


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

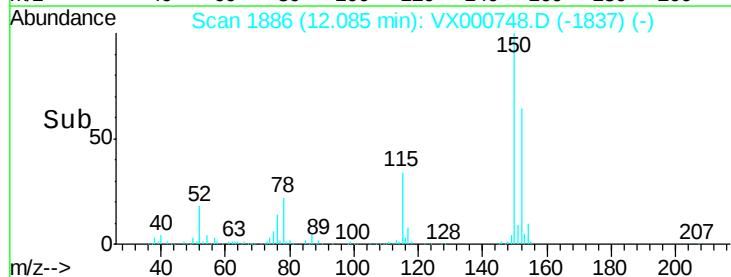
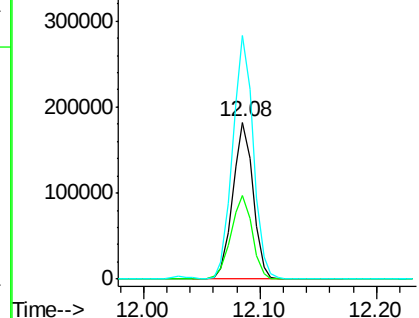


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion:152 Resp: 220586
Ion Ratio Lower Upper
152 100
115 55.8 37.9 113.7
150 157.7 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: 5.12 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

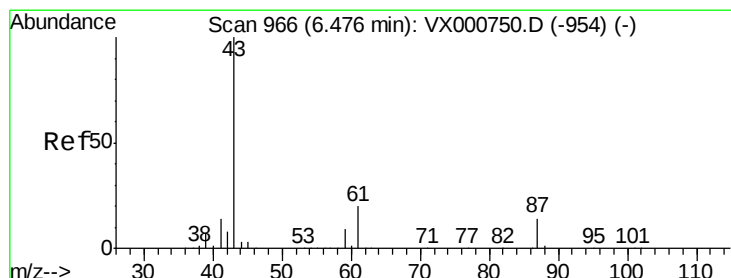
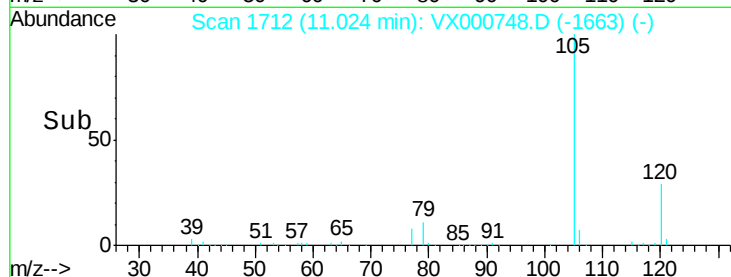
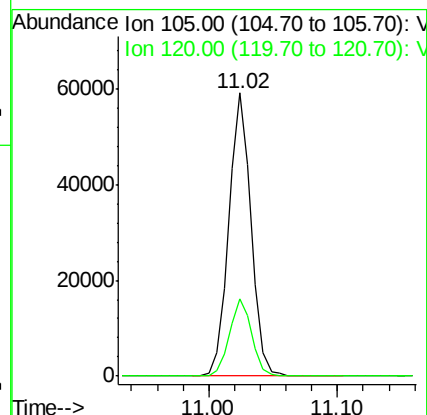
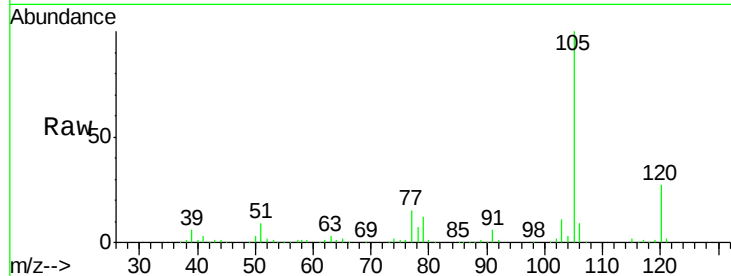
VSTDIC005

Tgt Ion:105 Resp: 72040

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.0



#74

N-ethyl acetate

Concen: 5.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Tgt Ion: 43 Resp: 31978

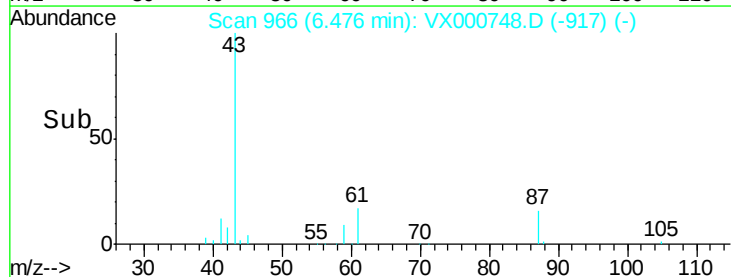
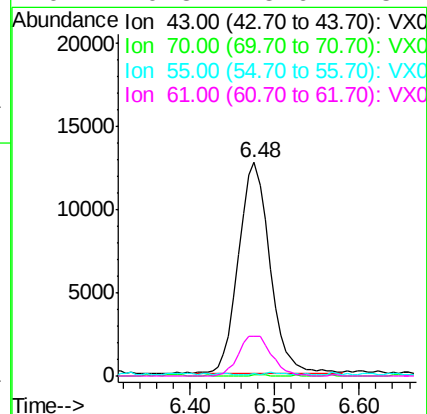
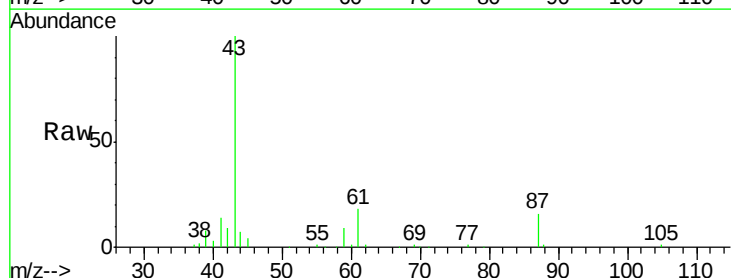
Ion Ratio Lower Upper

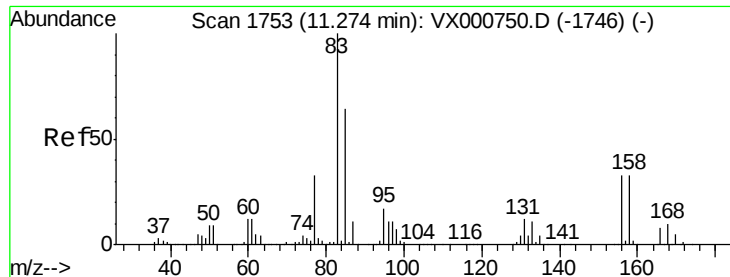
43 100

70 0.2 0.0 0.0#

55 0.5 0.0 0.0#

61 19.8 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

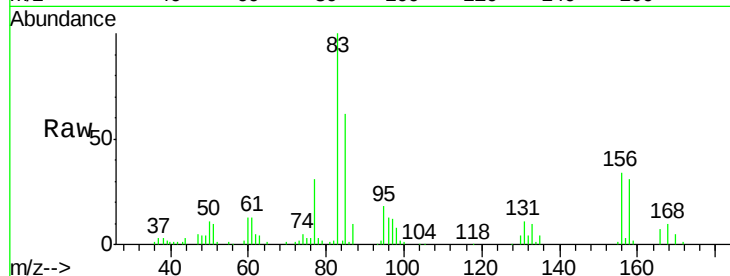
Tgt Ion: 83 Resp: 20029

Ion Ratio Lower Upper

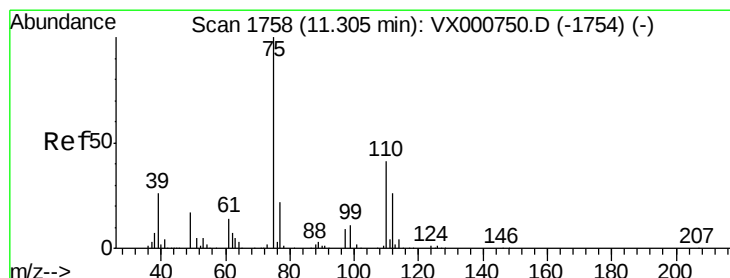
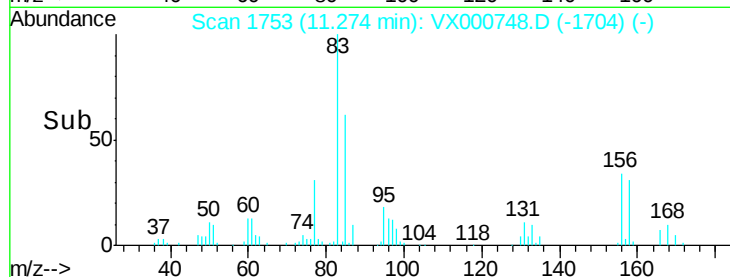
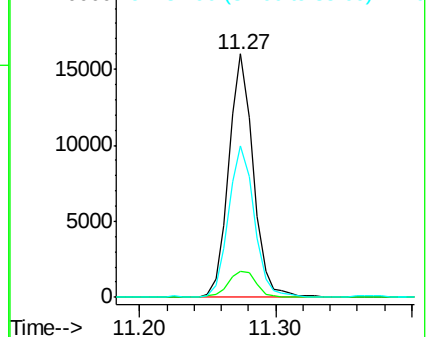
83 100

131 12.2 6.0 18.0

85 65.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.37 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000748.D

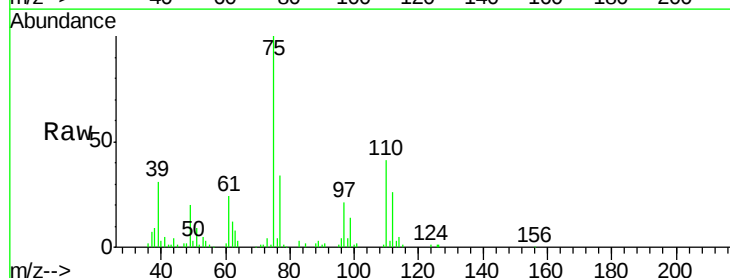
Acq: 10 Apr 2018 13:09

Tgt Ion: 75 Resp: 24627

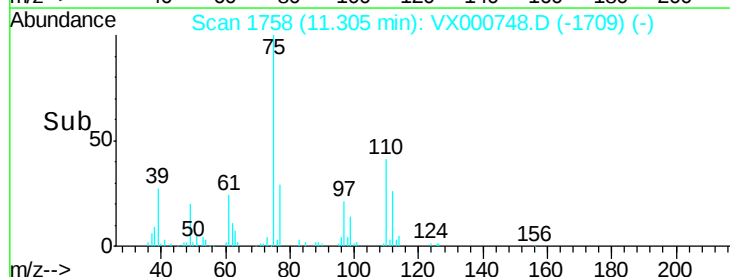
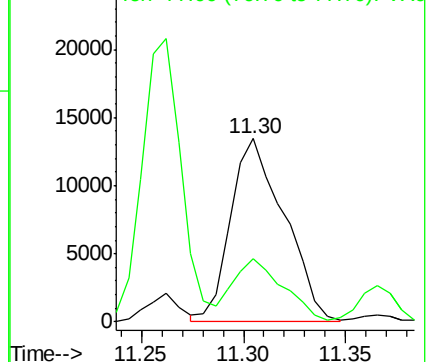
Ion Ratio Lower Upper

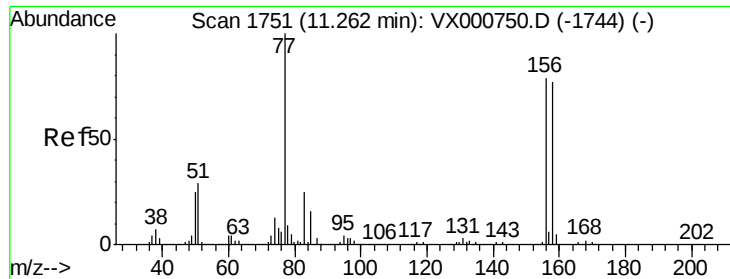
75 100

77 32.1 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

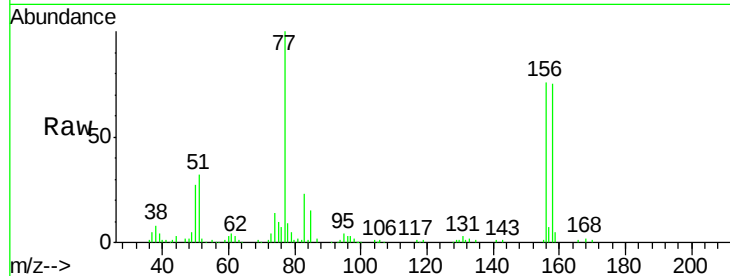
Tgt Ion:156 Resp: 20704

Ion Ratio Lower Upper

156 100

77 134.3 66.0 198.2

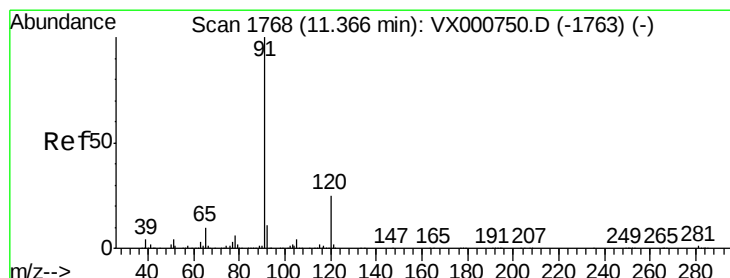
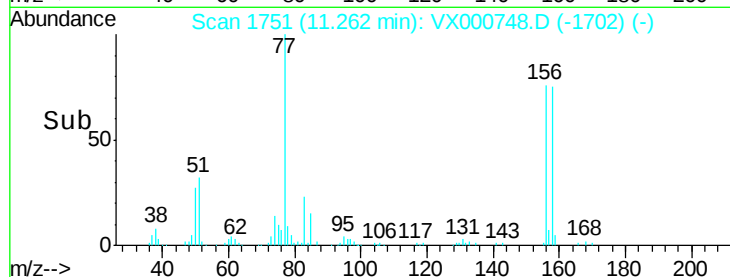
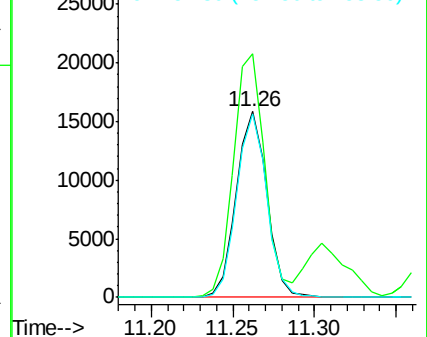
158 97.3 48.8 146.4



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: 5.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000748.D

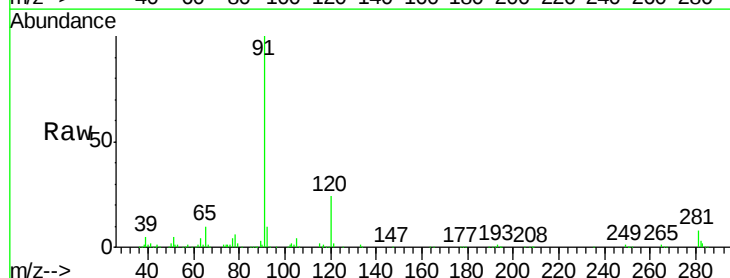
Acq: 10 Apr 2018 13:09

Tgt Ion: 91 Resp: 81459

Ion Ratio Lower Upper

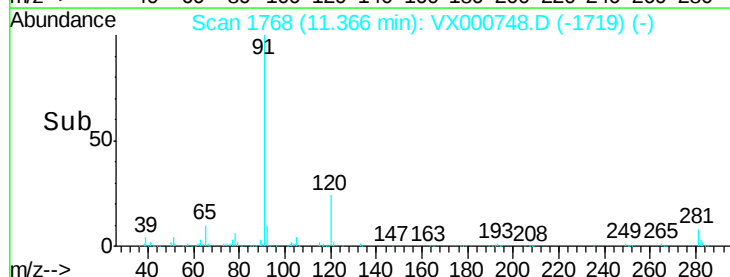
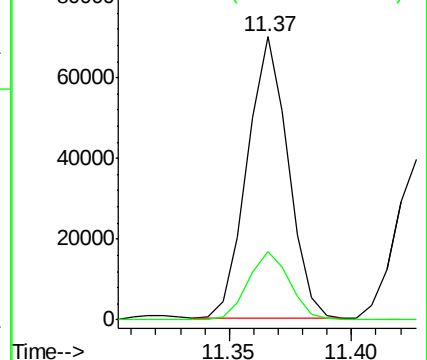
91 100

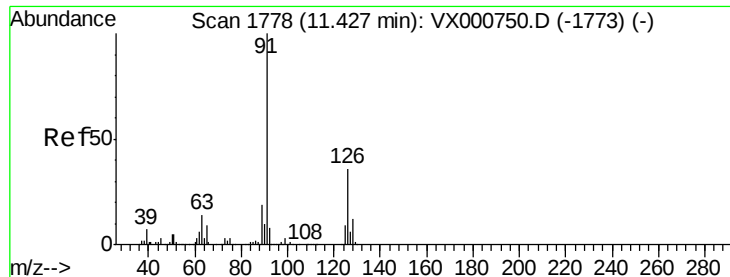
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.11 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

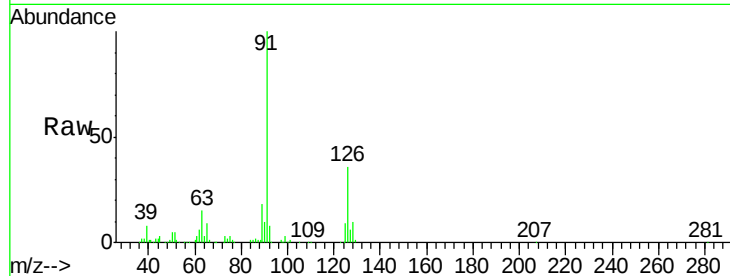
VSTDIC005

Tgt Ion: 91 Resp: 48166

Ion Ratio Lower Upper

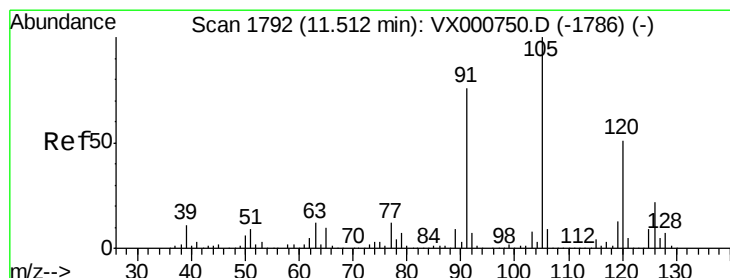
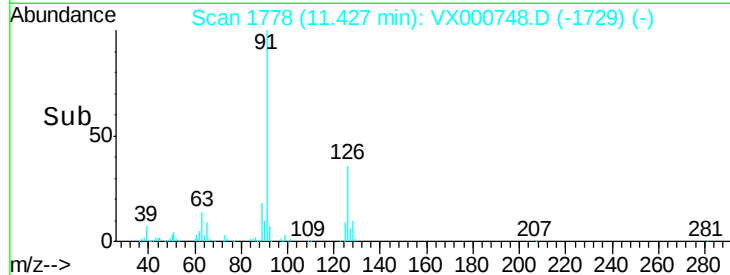
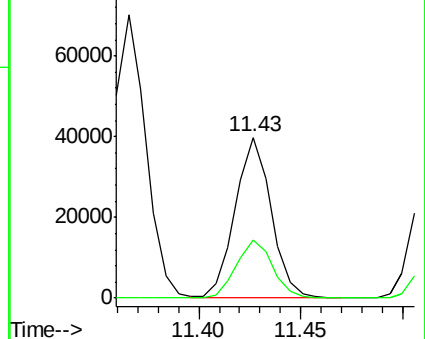
91 100

126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000748.D

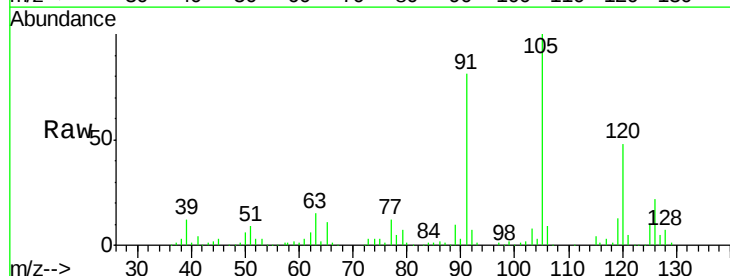
Acq: 10 Apr 2018 13:09

Tgt Ion: 105 Resp: 60338

Ion Ratio Lower Upper

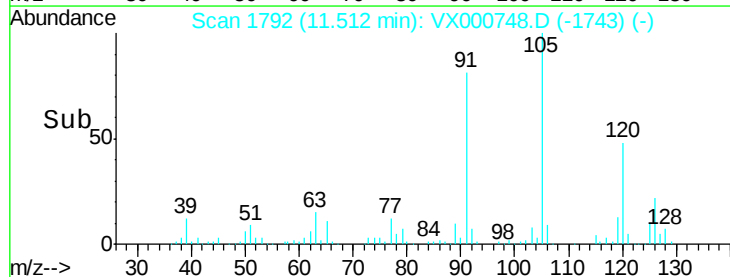
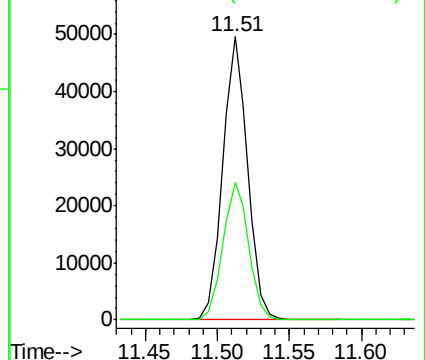
105 100

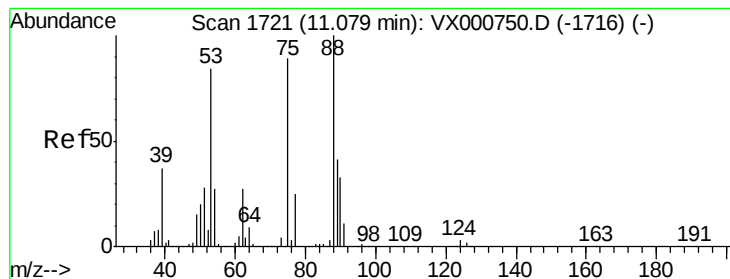
120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.75 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

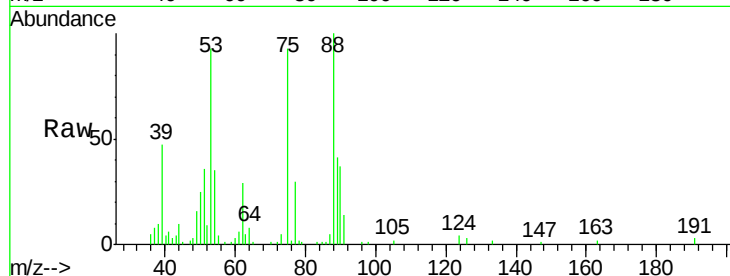
Tgt Ion: 75 Resp: 6671

Ion Ratio Lower Upper

75 100

53 101.7 75.4 113.0

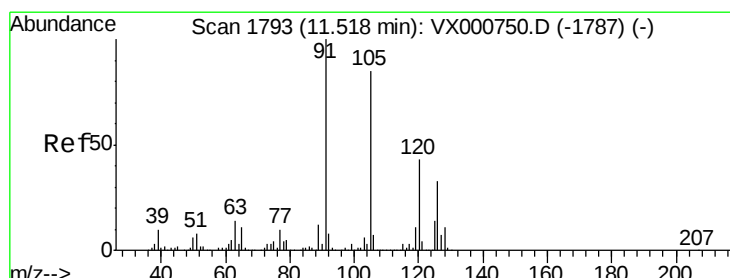
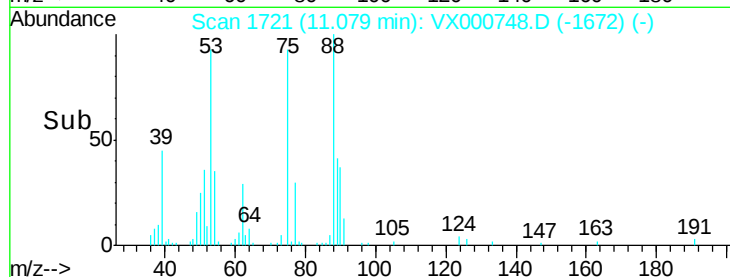
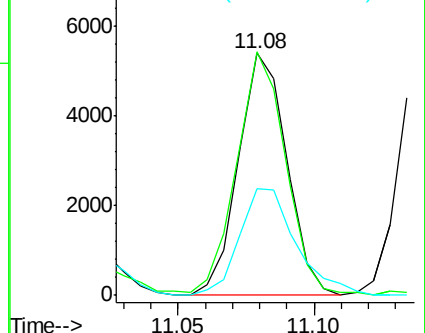
89 51.7 40.9 61.3



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: 5.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000748.D

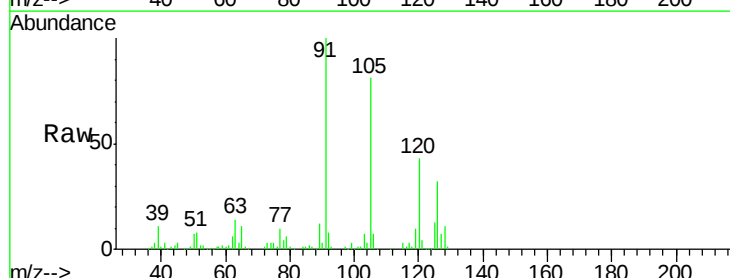
Acq: 10 Apr 2018 13:09

Tgt Ion: 91 Resp: 58806

Ion Ratio Lower Upper

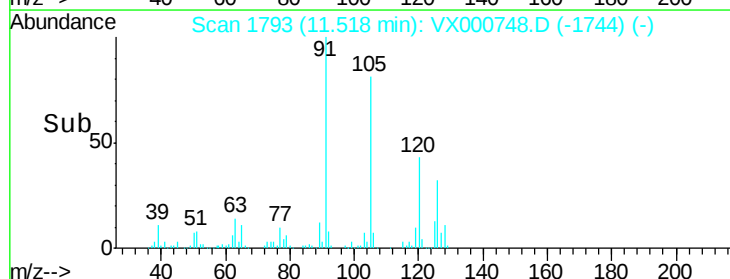
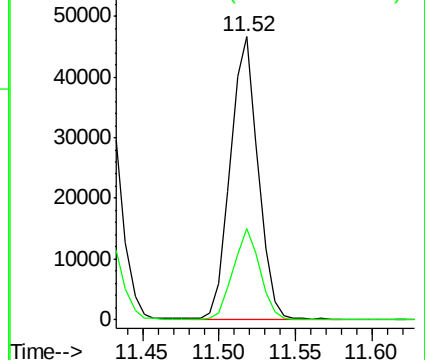
91 100

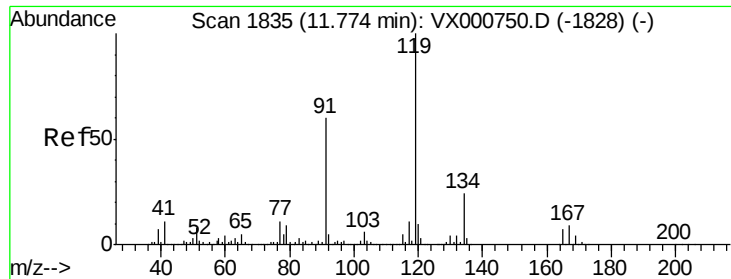
126 31.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

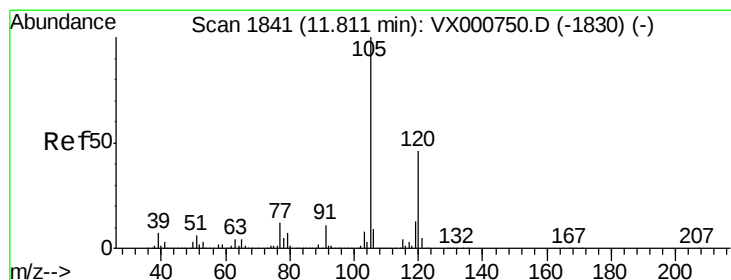
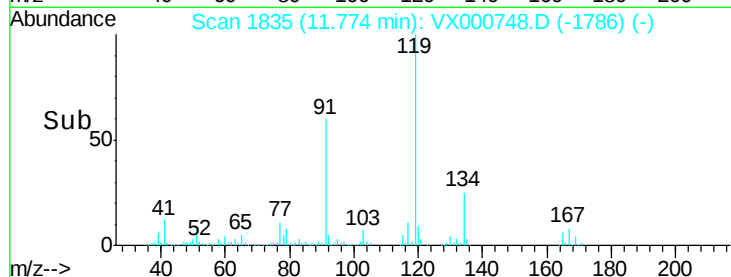
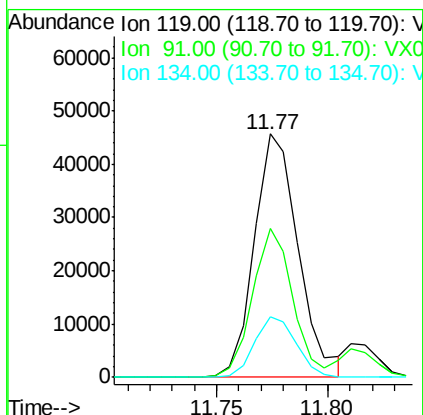
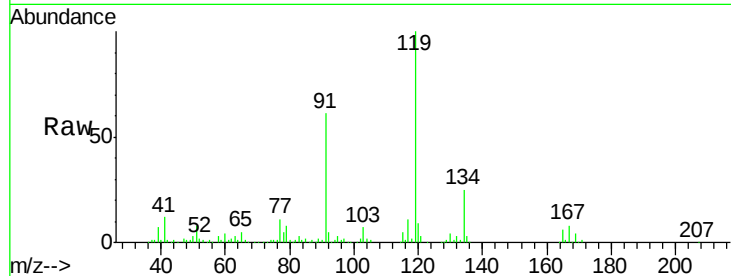




#83
 tert-Butylbenzene
 Concen: 5.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

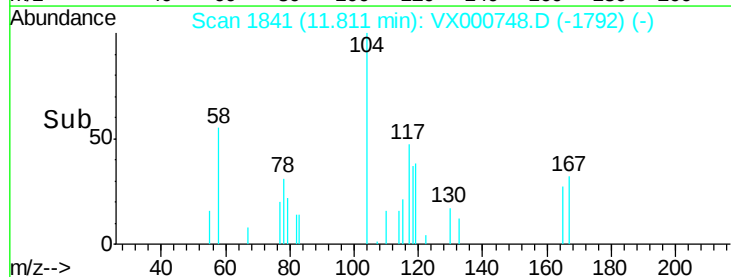
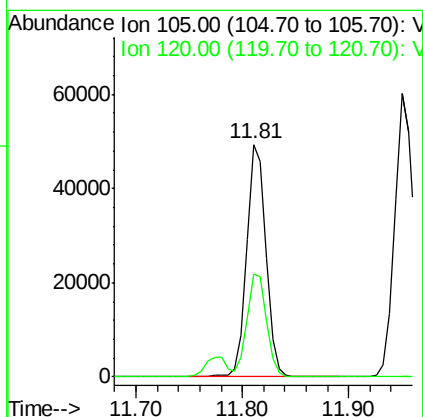
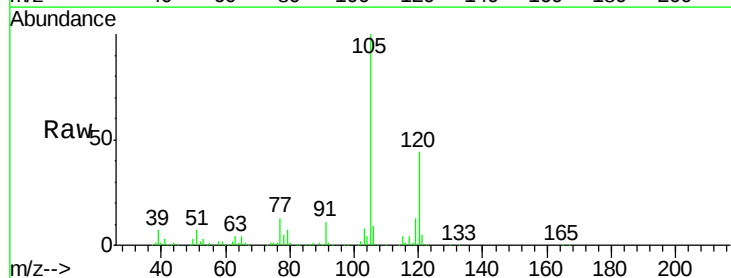
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

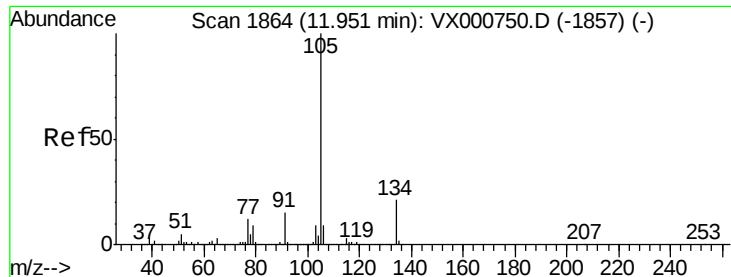
Tgt Ion:119 Resp: 62922
 Ion Ratio Lower Upper
 119 100
 91 56.0 26.8 80.3
 134 23.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.09 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

Tgt Ion:105 Resp: 62895
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 5.02 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

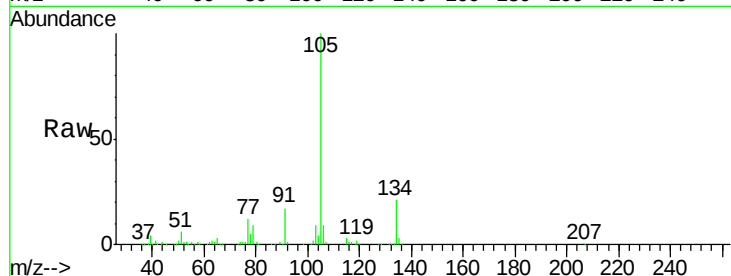
VSTDIC005

Tgt Ion:105 Resp: 72980

Ion Ratio Lower Upper

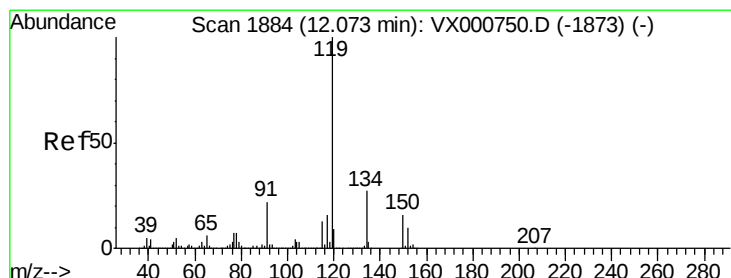
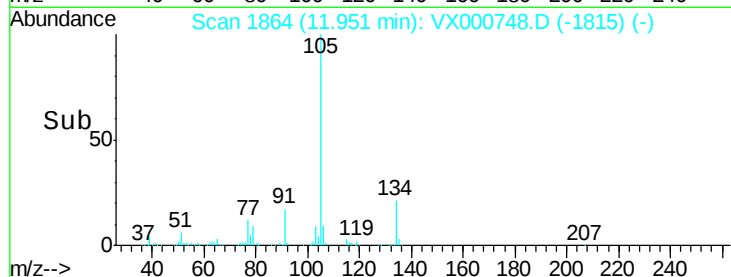
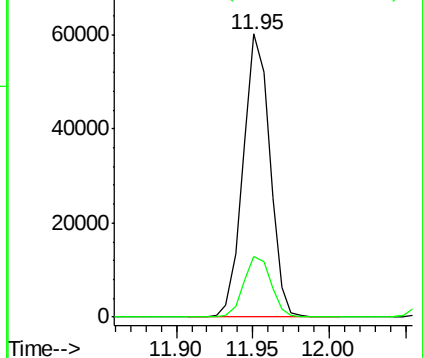
105 100

134 21.9 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.05 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

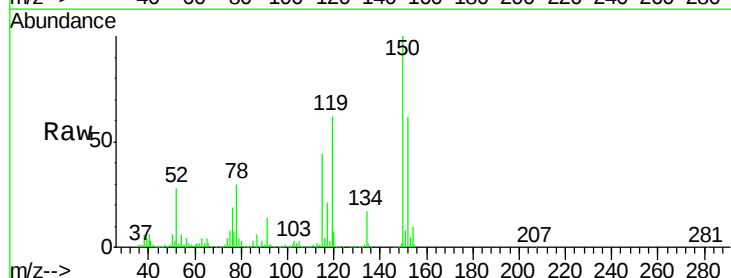
Tgt Ion:119 Resp: 68362

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

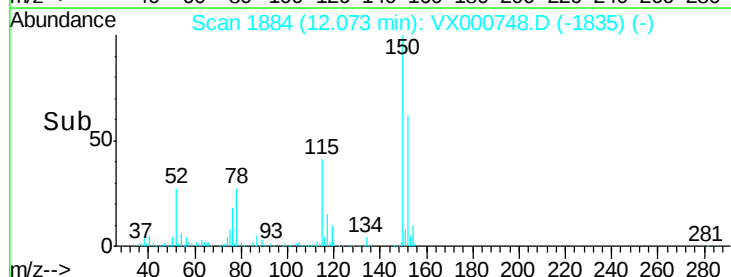
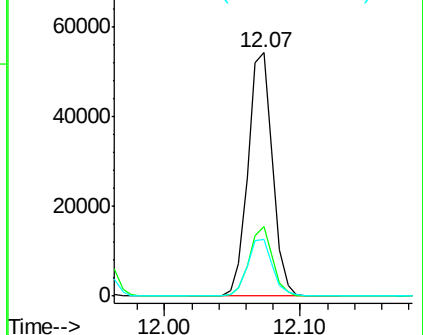
91 24.0 11.2 33.5

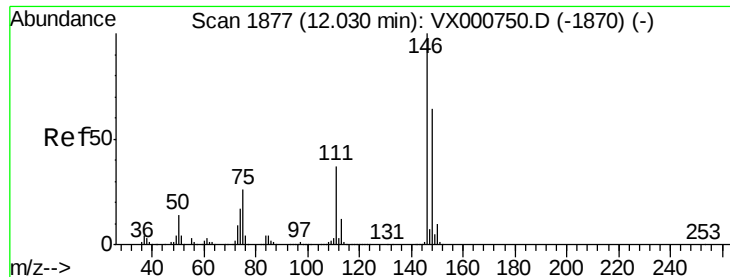


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

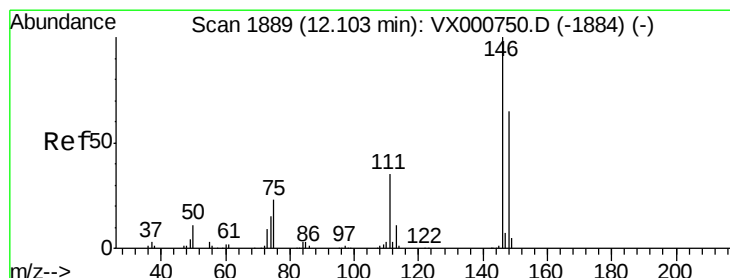
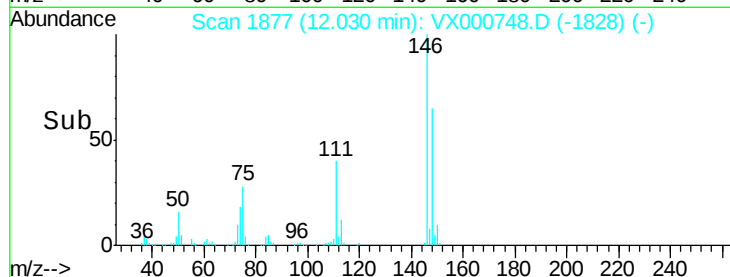
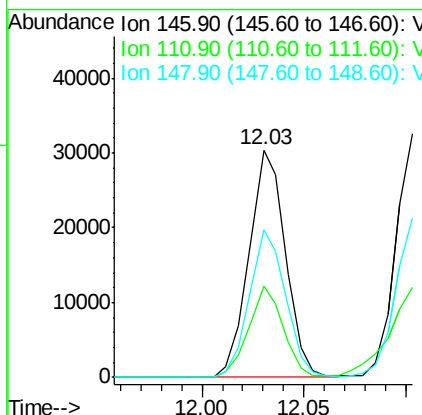
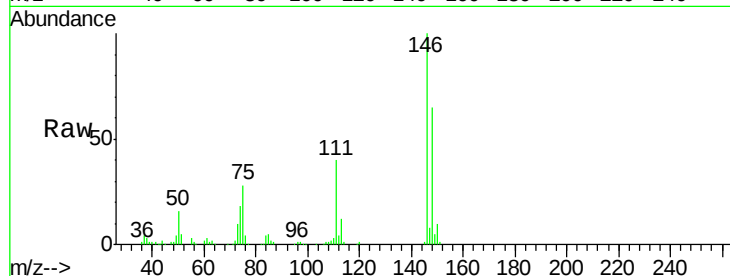




#87
 1,3-Dichlorobenzene
 Concen: 5.04 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

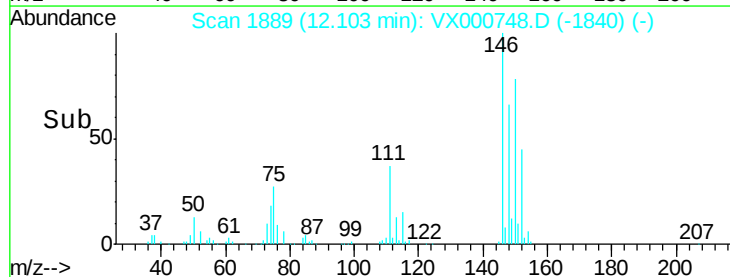
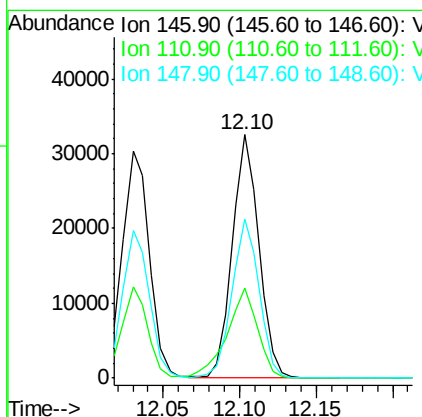
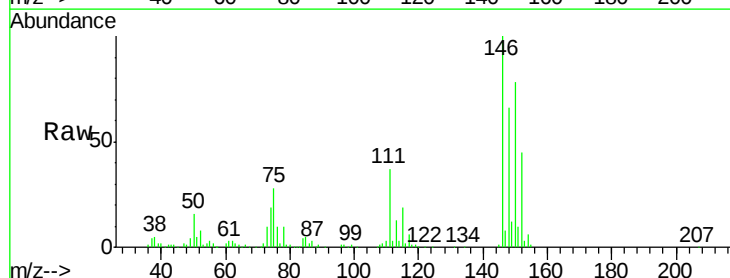
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 37890
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.3 54.8
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 5.14 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

Tgt Ion:146 Resp: 39244
 Ion Ratio Lower Upper
 146 100
 111 42.6 17.9 53.8
 148 66.9 32.6 97.7

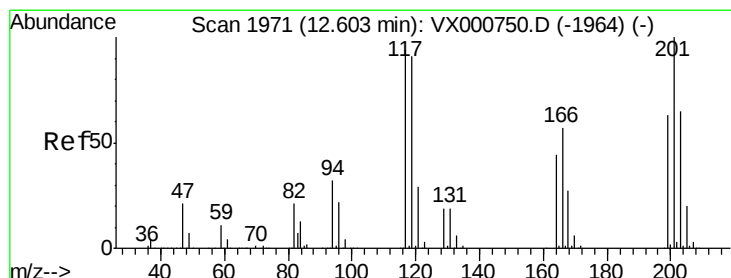
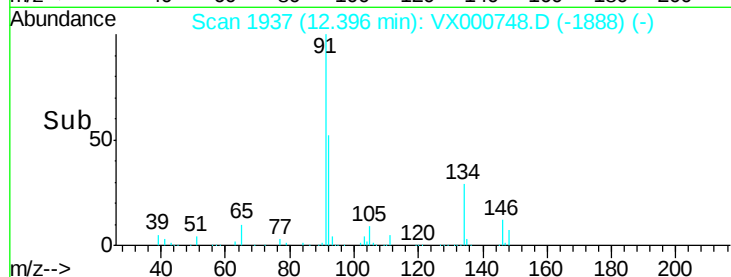
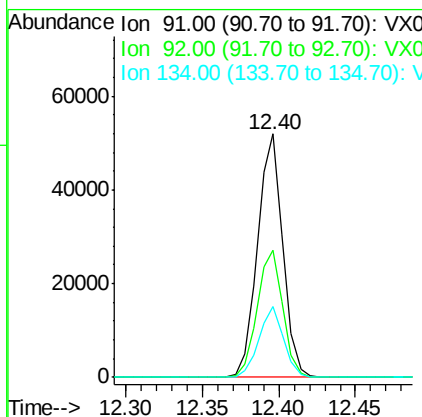
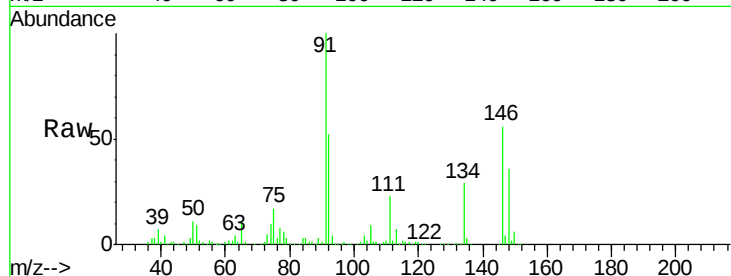




#89
n-Butylbenzene
Concen: 5.01 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

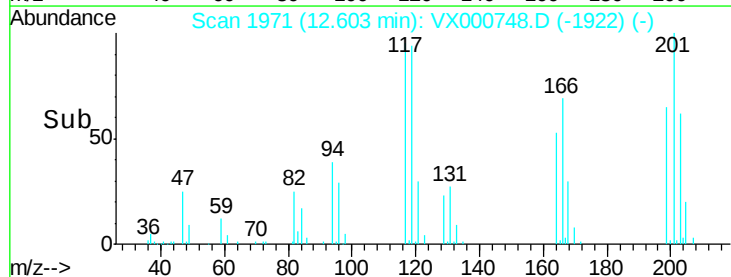
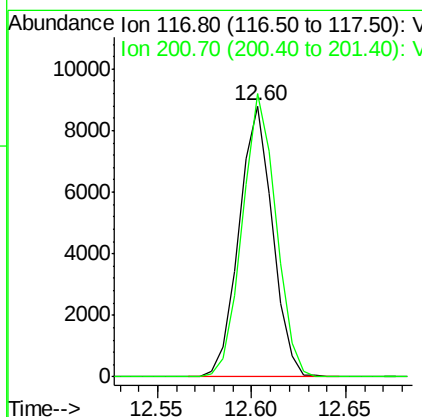
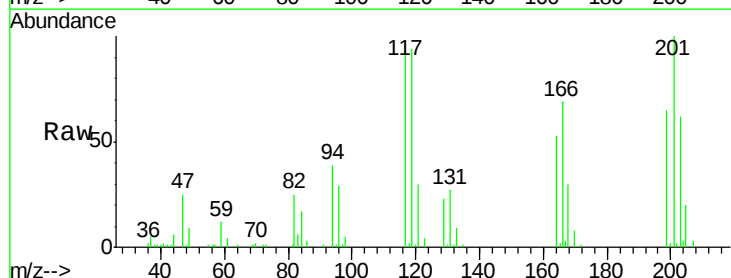
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 59770
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 28.4 14.5 43.5



#90
Hexachloroethane
Concen: 4.59 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000748.D
Acq: 10 Apr 2018 13:09

Tgt Ion: 117 Resp: 10849
Ion Ratio Lower Upper
117 100
201 104.6 52.9 158.7

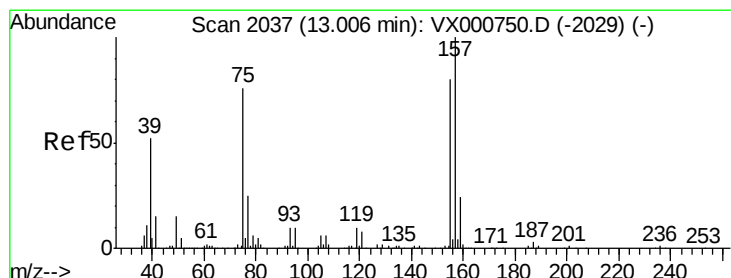
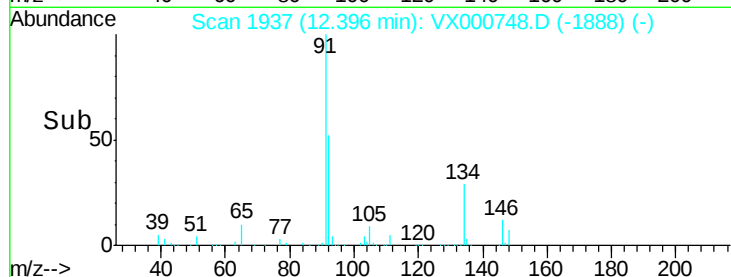
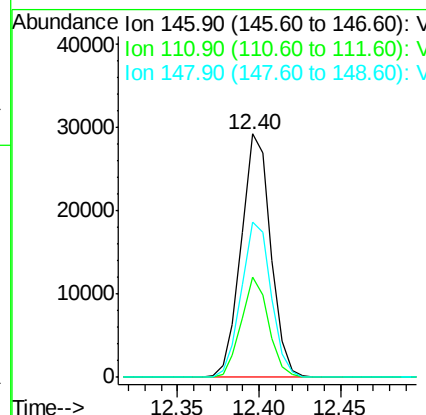
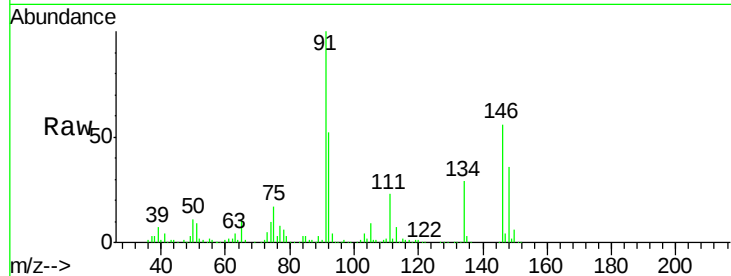




#91
 1,2-Dichlorobenzene
 Concen: 5.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

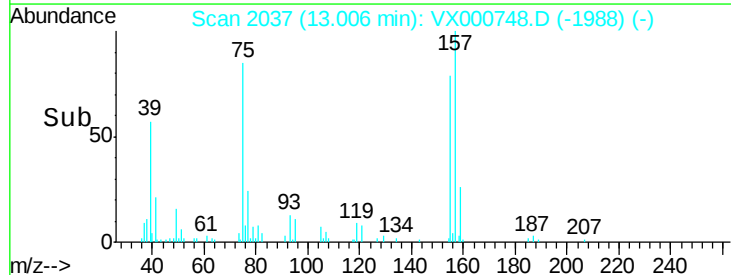
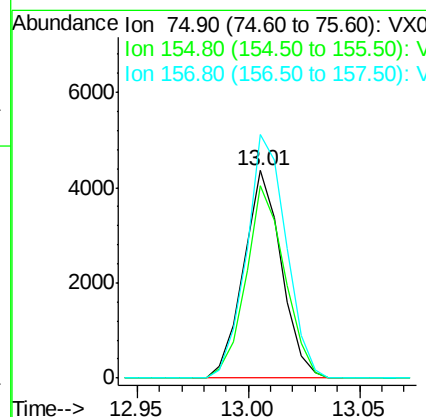
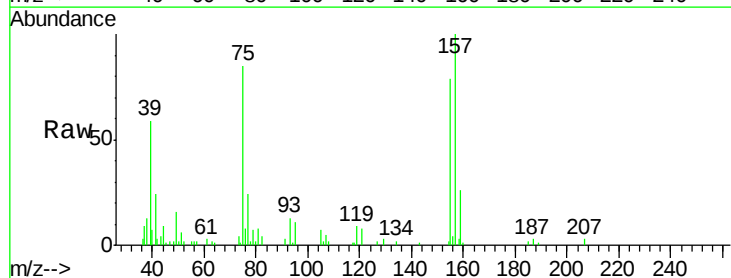
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

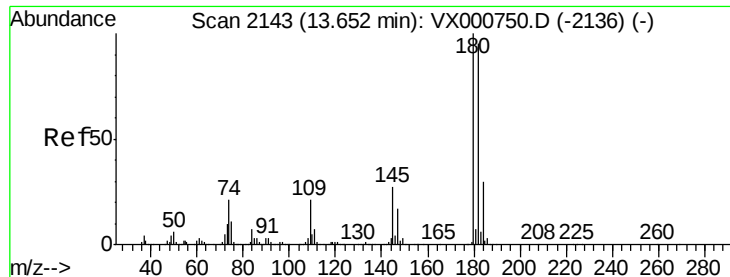
Tgt Ion: 146 Resp: 36984
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.08 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000748.D
 Acq: 10 Apr 2018 13:09

Tgt Ion: 75 Resp: 5156
 Ion Ratio Lower Upper
 75 100
 155 95.0 51.9 155.8
 157 123.4 66.6 199.8





#93

1,2,4-Trichlorobenzene

Concen: 4.92 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

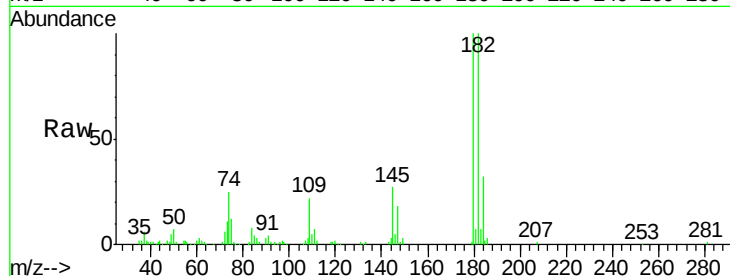
Tgt Ion:180 Resp: 30551

Ion Ratio Lower Upper

180 100

182 99.4 47.5 142.5

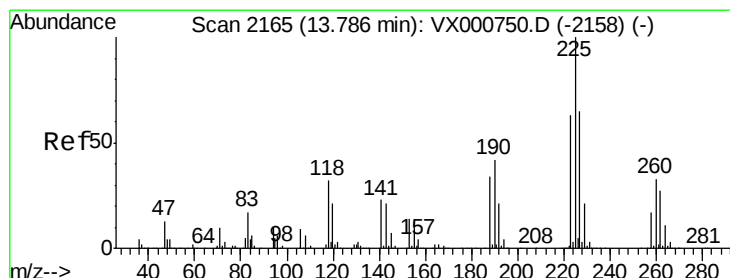
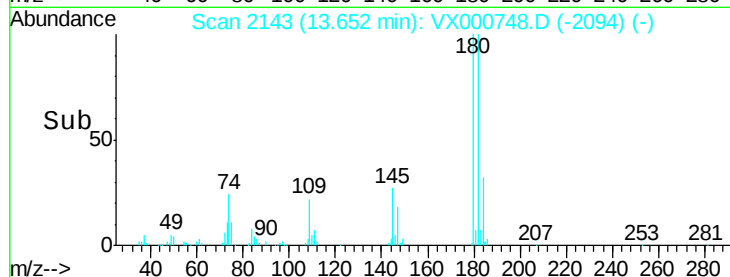
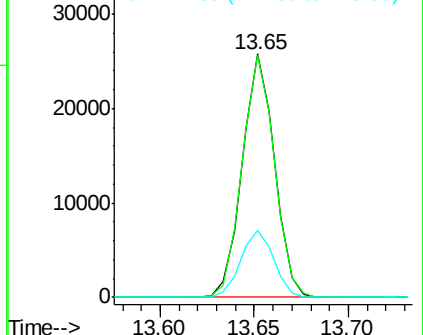
145 27.9 13.8 41.4



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: 5.18 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

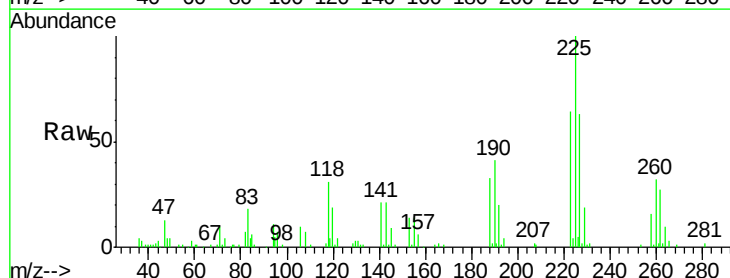
Tgt Ion:225 Resp: 15741

Ion Ratio Lower Upper

225 100

223 63.4 31.2 93.6

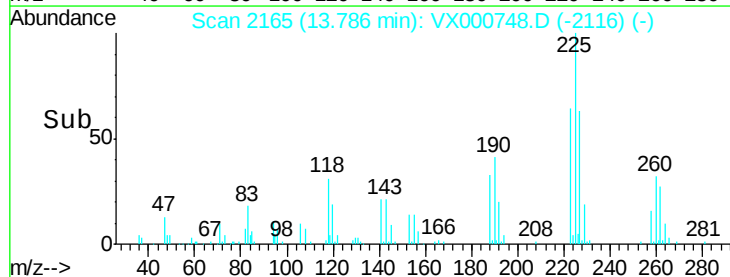
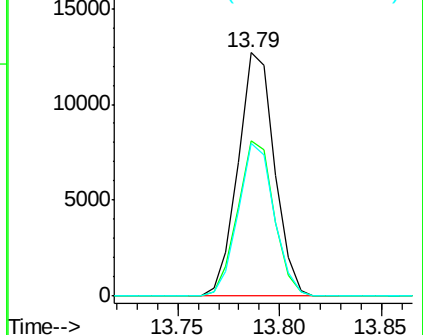
227 61.9 32.3 96.9

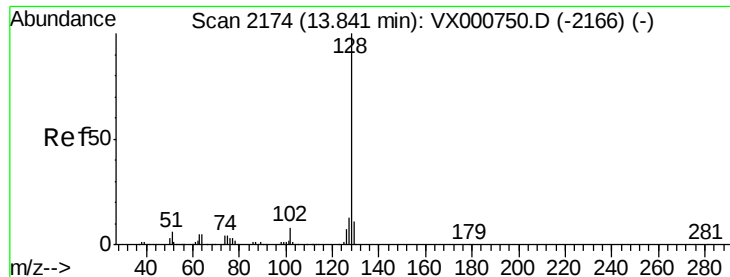


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

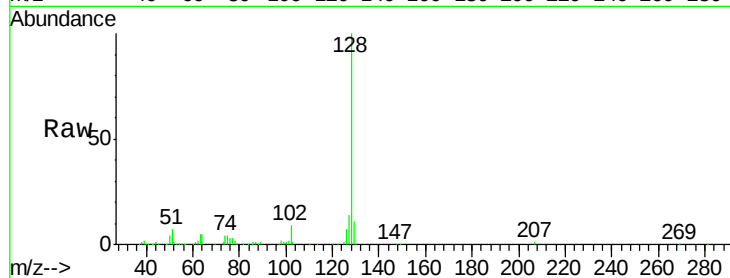
Tgt Ion:128 Resp: 79922

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

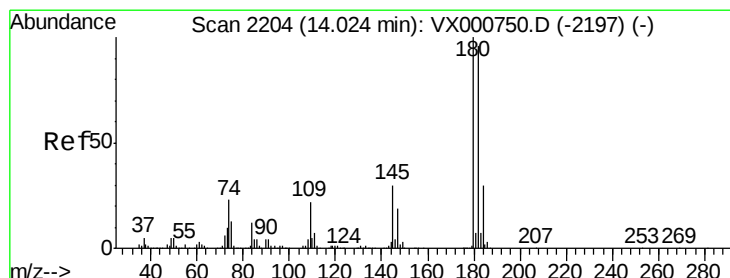
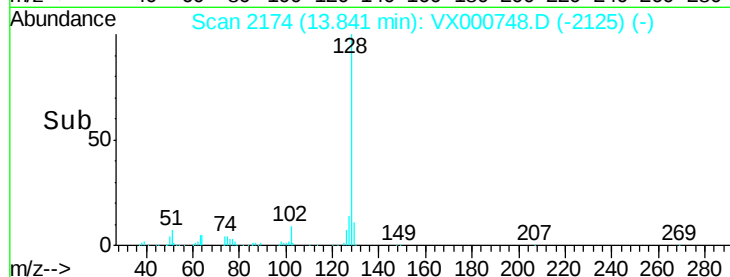
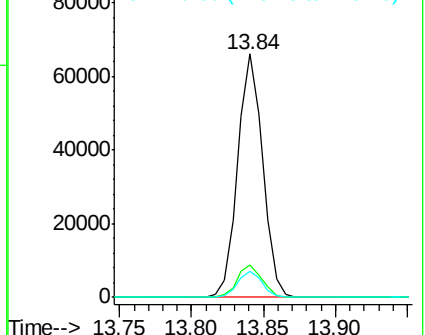
129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 5.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000748.D

Acq: 10 Apr 2018 13:09

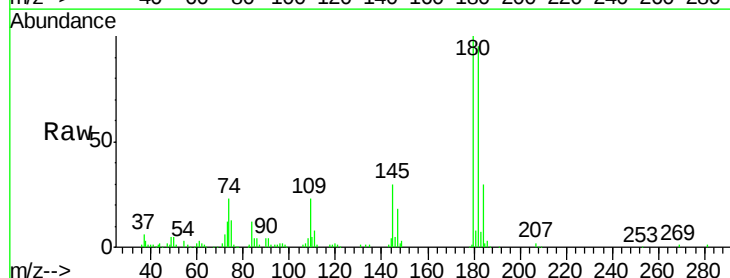
Tgt Ion:180 Resp: 30274

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

145 29.5 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

