

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000711.D
 Acq On : 07 Apr 2018 12:14
 Operator : JC/MD
 Sample : VSTDCICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCICC020

Quant Time: Apr 07 16:39:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	73292	20.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.68%	
35) Dibromofluoromethane	5.51	113	58853	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	
50) Toluene-d8	8.72	98	217069	20.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.42%	
62) 4-Bromofluorobenzene	11.15	95	88583	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59629	20.81	ug/l	100
3) Chloromethane	1.32	50	48251	20.48	ug/l	96
4) Vinyl Chloride	1.41	62	50069	20.34	ug/l	98
5) Bromomethane	1.65	94	36219	26.62	ug/l	98
6) Chloroethane	1.73	64	30386	20.22	ug/l	99
7) Trichlorofluoromethane	1.93	101	83133	20.63	ug/l	98
8) Diethyl Ether	2.19	74	30598	20.38	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48452	20.53	ug/l	99
10) Methyl Iodide	2.52	142	38234	14.84	ug/l	98
11) Tert butyl alcohol	3.07	59	64848	98.61	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42759	20.12	ug/l	96
13) Acrolein	2.30	56	24413	96.08	ug/l	96
14) Allyl chloride	2.73	41	87911	20.71	ug/l	99
15) Acrylonitrile	3.15	53	130156	98.93	ug/l	99
16) Acetone	2.45	43	114838	103.99	ug/l	97
17) Carbon Disulfide	2.57	76	103699	20.53	ug/l	99
18) Methyl Acetate	2.78	43	70311	20.00	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	168134	20.48	ug/l	100
20) Methylene Chloride	2.86	84	51978	21.41	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46457	20.40	ug/l	97
22) Diisopropyl ether	3.88	45	177789	20.36	ug/l	99
23) Vinyl Acetate	3.83	43	778142	102.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89335	19.65	ug/l	98
25) 2-Butanone	4.71	43	203876	100.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	93473	20.70	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	60053	20.53	ug/l	99
28) Bromochloromethane	5.03	49	43152	21.51	ug/l	99
29) Tetrahydrofuran	5.17	42	129189	99.53	ug/l	99
30) Chloroform	5.23	83	101103	20.70	ug/l	99
31) Cyclohexane	5.59	56	79294	20.90	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	96037	20.63	ug/l	100
36) 1,1-Dichloropropene	5.81	75	71754	20.22	ug/l	99
37) Ethyl Acetate	4.87	43	79323	19.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	87083	20.22	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	81422	19.97	ug/l	98
40) Benzene	6.15	78	211645	20.46	ug/l	98
41) Methacrylonitrile	5.07	41	47044	19.83	ug/l	99
42) 1,2-Dichloroethane	6.21	62	84600	20.54	ug/l	100
43) Isopropyl Acetate	6.48	43	143281	20.26	ug/l	100
44) Trichloroethene	7.22	130	63199	19.86	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57831	20.74	ug/l	99
46) Dibromomethane	7.67	93	38780	20.29	ug/l	100
47) Bromodichloromethane	7.91	83	82357	20.42	ug/l	99
48) Methyl methacrylate	7.79	41	73599	20.27	ug/l	99
49) 1,4-Dioxane	7.77	88	29160	396.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	418092	99.38	ug/l	99
52) Toluene	8.79	92	138057	19.98	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	97659	20.38	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	97377	20.19	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	57294	20.06	ug/l	99
56) Ethyl methacrylate	9.19	69	92669	19.96	ug/l	99
57) 1,3-Dichloropropane	9.38	76	94943	20.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229250	116.59	ug/l	99
59) 2-Hexanone	9.51	43	319231	98.68	ug/l	100
60) Dibromochloromethane	9.59	129	70947	19.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61155	20.13	ug/l	98
64) Tetrachloroethene	9.34	164	61229	19.73	ug/l	97
65) Chlorobenzene	10.15	112	164095	20.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65528	20.34	ug/l	99
67) Ethyl Benzene	10.26	91	276989	20.15	ug/l	97
68) m/p-Xylenes	10.37	106	216453	40.29	ug/l	99
69) o-Xylene	10.71	106	105867	20.07	ug/l	99
70) Styrene	10.72	104	179418	19.90	ug/l	99
71) Bromoform	10.87	173	61851	19.58	ug/l #	100
73) Isopropylbenzene	11.02	105	285165	20.10	ug/l	100
74) N-amyl acetate	6.48	43	143281	20.54	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84891	20.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107655	26.22	ug/l	85
77) Bromobenzene	11.26	156	81831	20.15	ug/l	100
78) n-propylbenzene	11.37	91	325381	20.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	193190	20.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247343	20.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	30923	19.61	ug/l	95
82) 4-Chlorotoluene	11.52	91	234783	20.29	ug/l	99
83) tert-Butylbenzene	11.78	119	254606	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	256272	20.27	ug/l	99
85) sec-Butylbenzene	11.95	105	294140	19.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	275213	20.01	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	150399	19.92	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	152520	19.84	ug/l	98
89) n-Butylbenzene	12.40	91	243595	19.99	ug/l	99
90) Hexachloroethane	12.60	117	50157	19.93	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	147352	19.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22412	19.68	ug/l	99

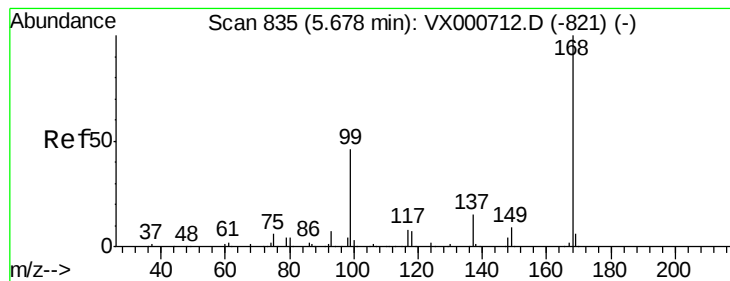
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123825	19.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	59461	19.41	ug/l	99
95) Naphthalene	13.84	128	334151	19.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	118913	19.47	ug/l	98

(#) = 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. -0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

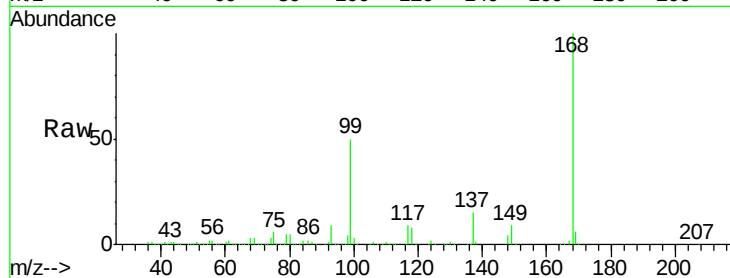
VSTDIC020

Tgt Ion:168 Resp: 319378

Ion Ratio Lower Upper

168 100

99 49.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

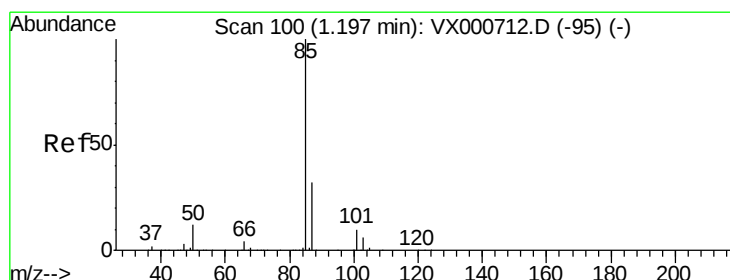
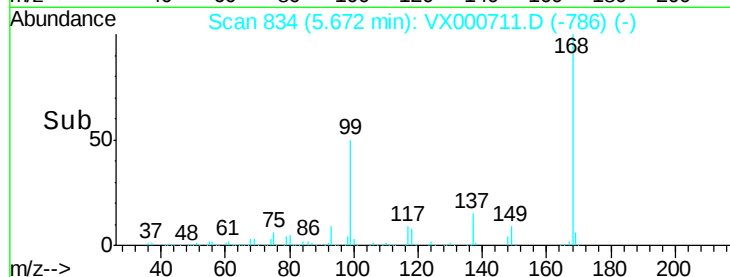
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000711.D

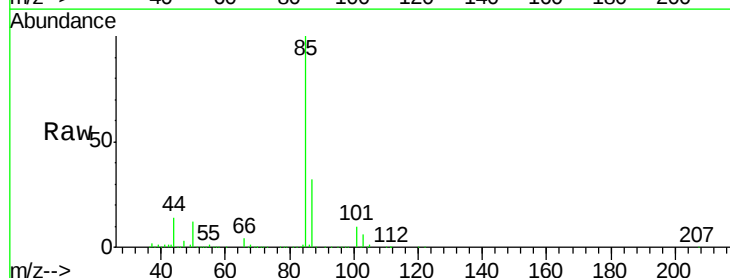
Acq: 07 Apr 2018 12:14

Tgt Ion: 85 Resp: 59629

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

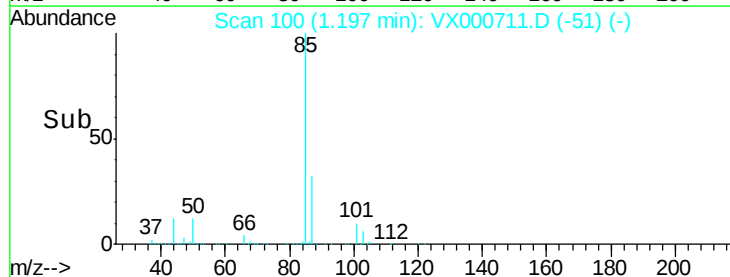
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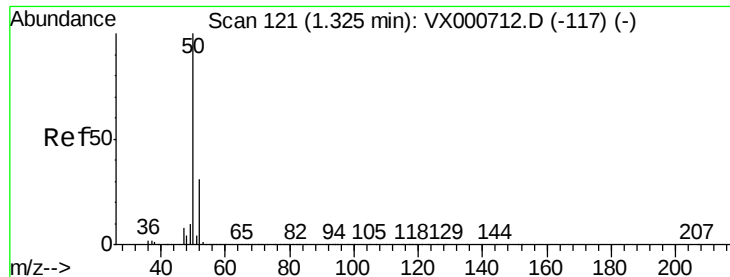
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

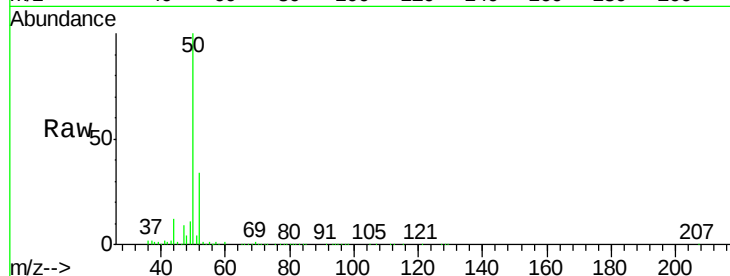
VSTDIC020

Tgt Ion: 50 Resp: 48251

Ion Ratio Lower Upper

50 100

52 33.4 24.9 37.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

50000

40000

30000

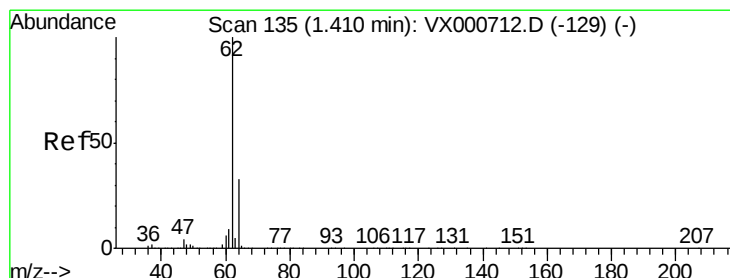
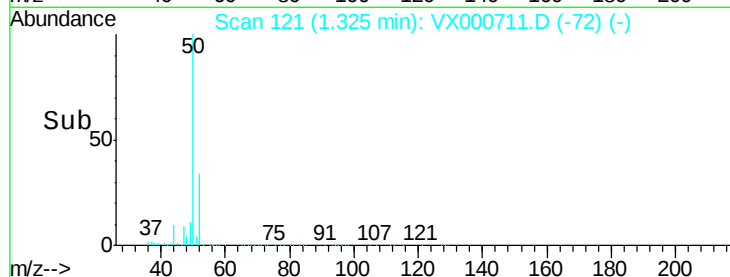
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 20.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000711.D

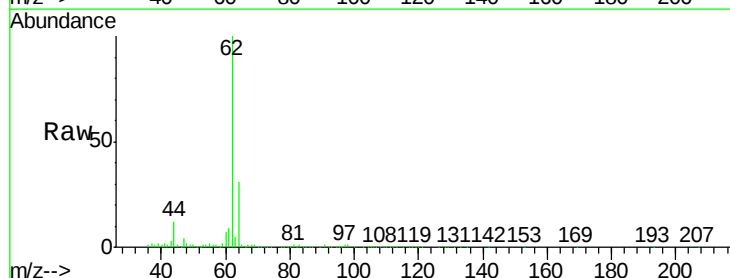
Acq: 07 Apr 2018 12:14

Tgt Ion: 62 Resp: 50069

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

50000

40000

30000

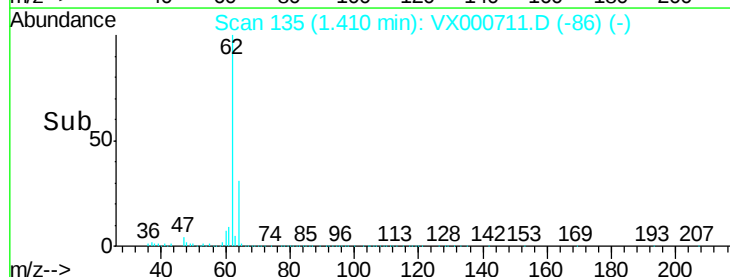
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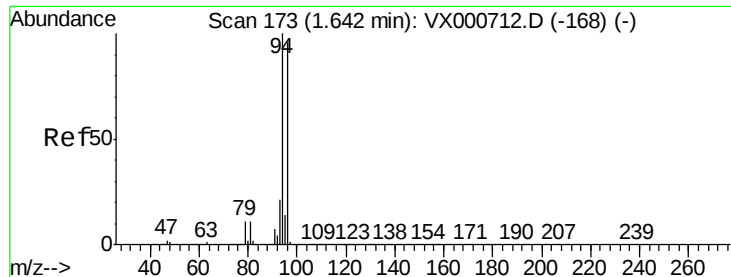
10000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 26.62 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

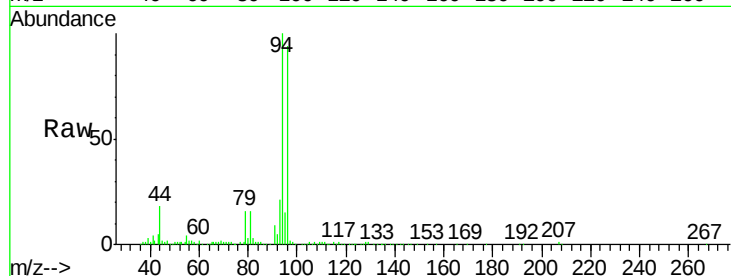
VSTDIC020

Tgt Ion: 94 Resp: 36219

Ion Ratio Lower Upper

94 100

96 93.8 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

30000

25000

20000

15000

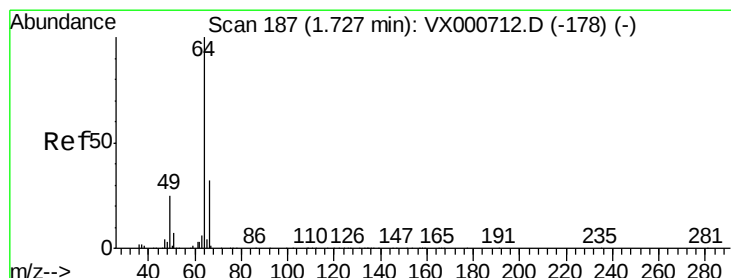
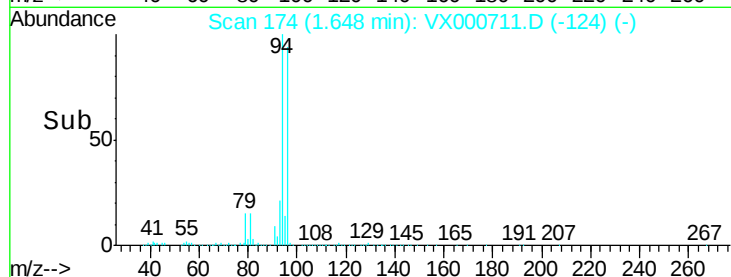
10000

5000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 20.22 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000711.D

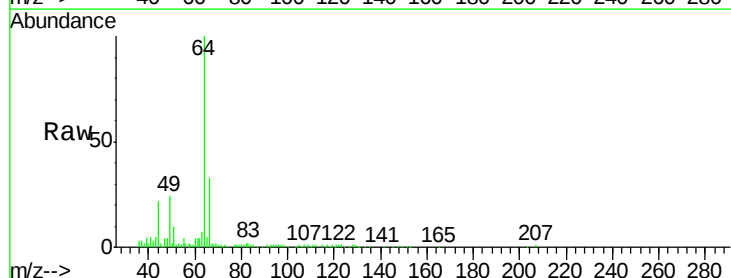
Acq: 07 Apr 2018 12:14

Tgt Ion: 64 Resp: 30386

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

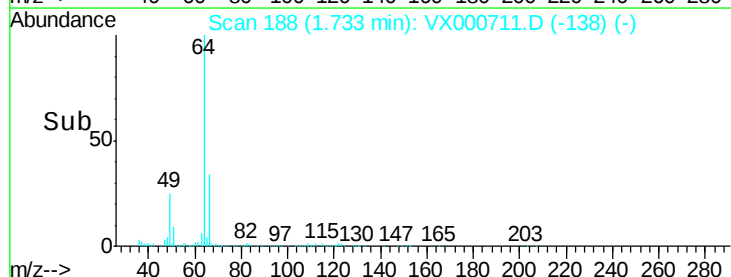
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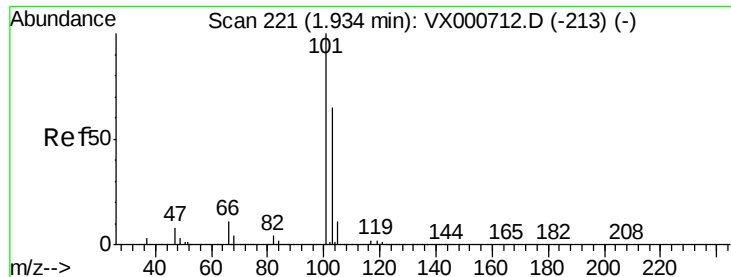
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



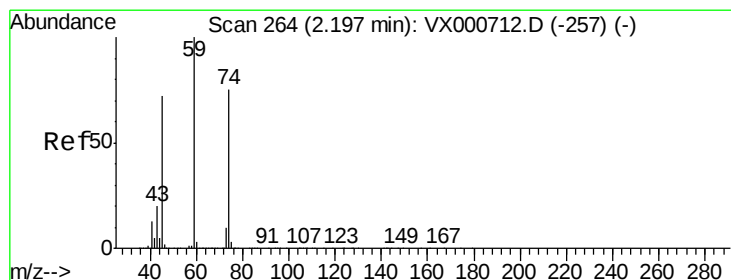
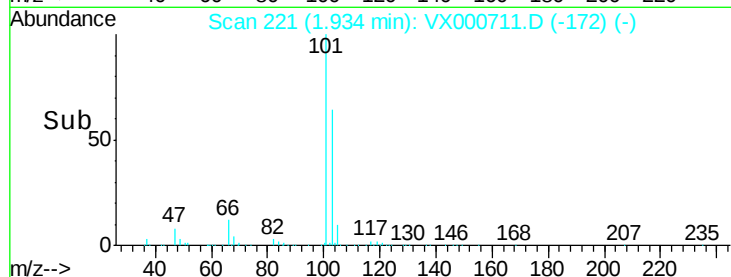
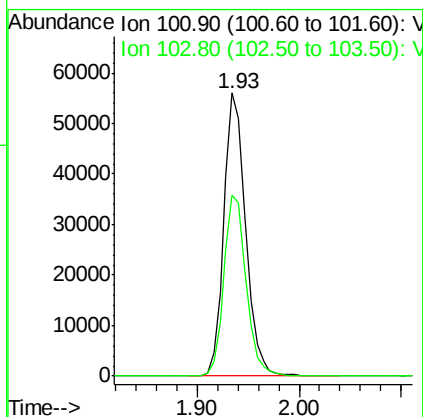
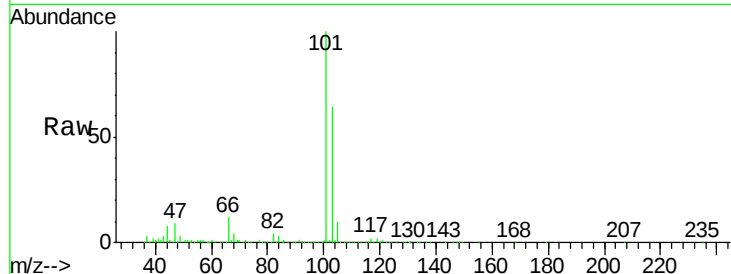


#7

Trichlorofluoromethane
Concen: 20.63 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000711.D
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VSTDIC020

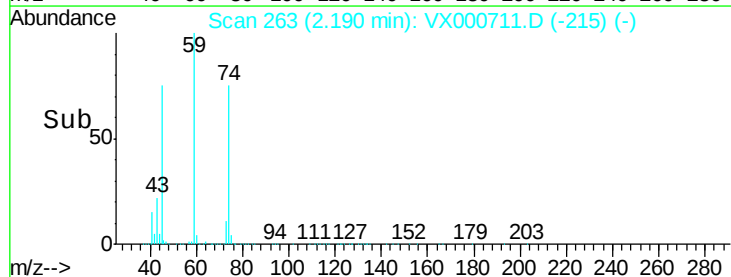
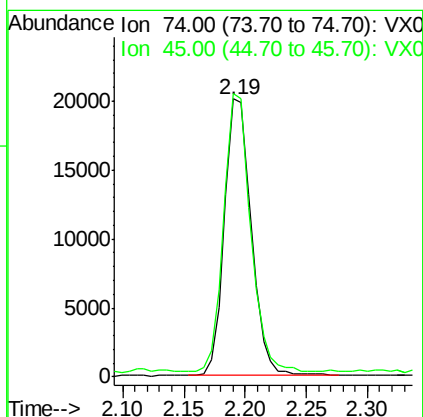
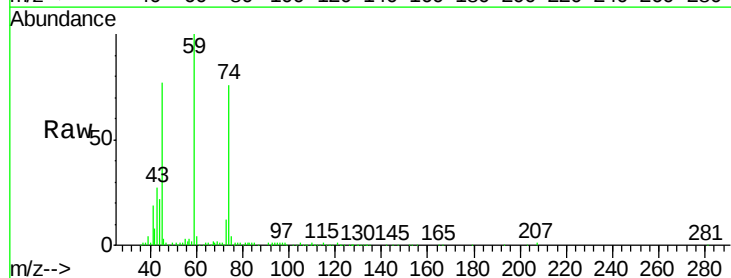
Tgt Ion:101 Resp: 83133
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

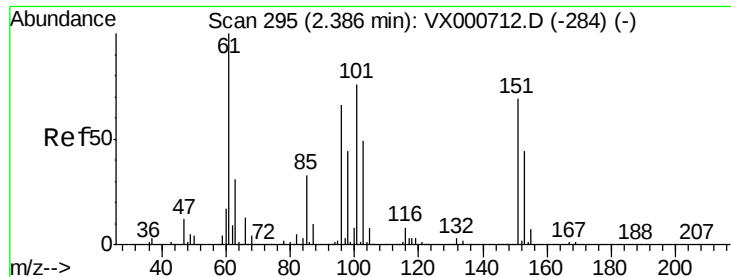


#8

Diethyl Ether
Concen: 20.38 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 74 Resp: 30598
Ion Ratio Lower Upper
74 100
45 99.7 48.4 145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.53 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

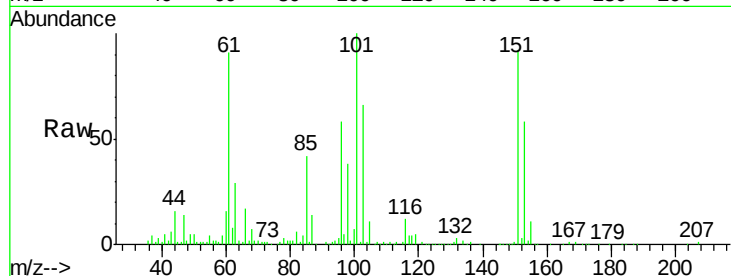
Tgt Ion:101 Resp: 48452

Ion Ratio Lower Upper

101 100

85 43.6 34.3 51.5

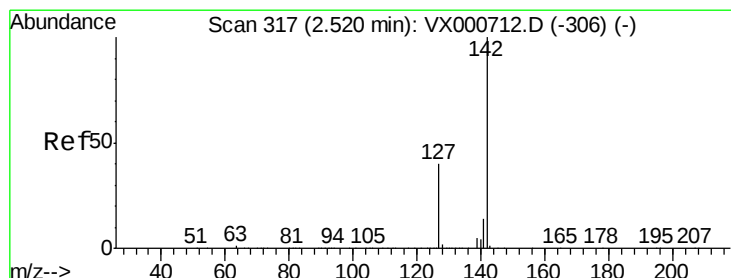
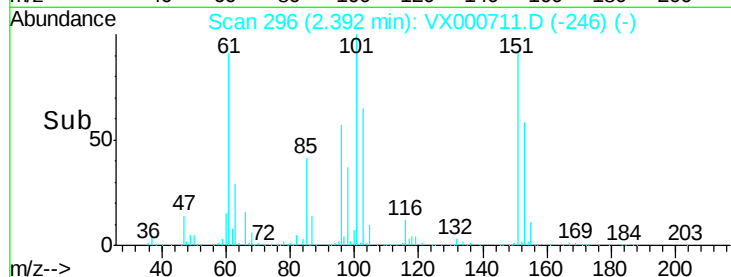
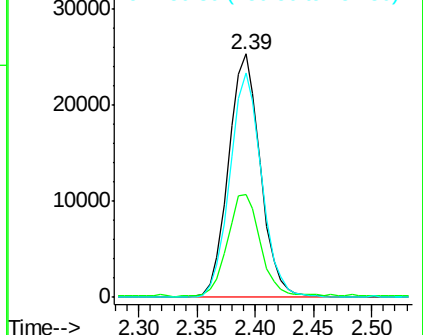
151 92.0 73.8 110.8



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: 14.84 ug/l

RT: 2.52 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

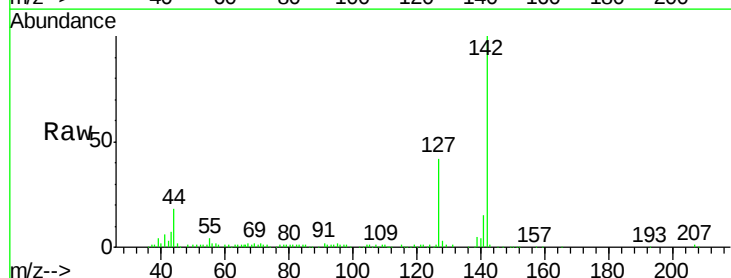
Tgt Ion:142 Resp: 38234

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

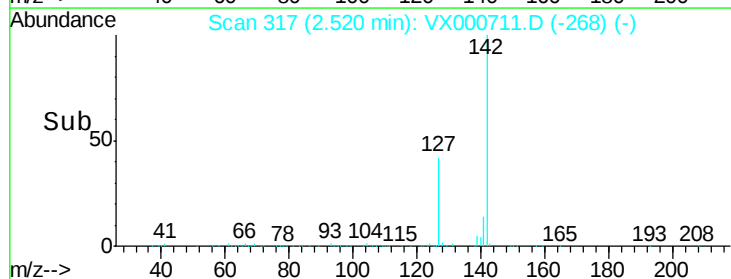
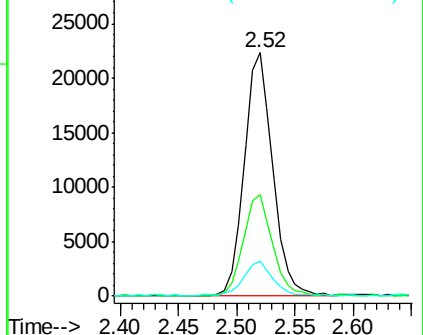
141 15.5 11.4 17.0

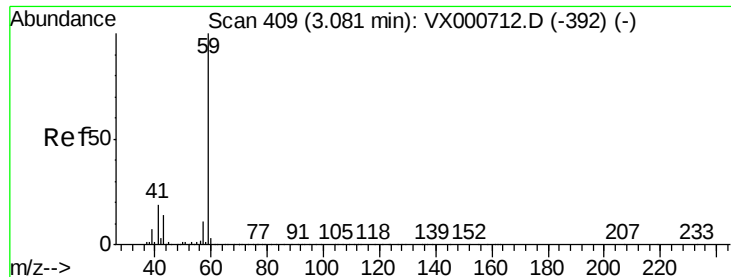


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



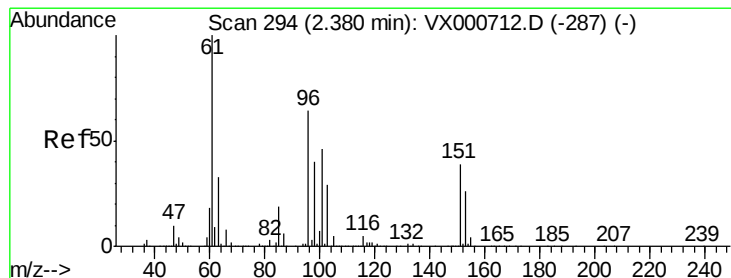
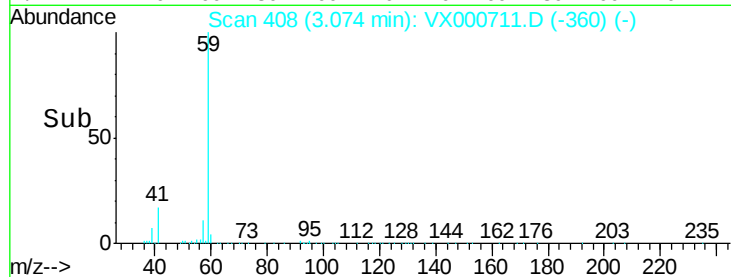
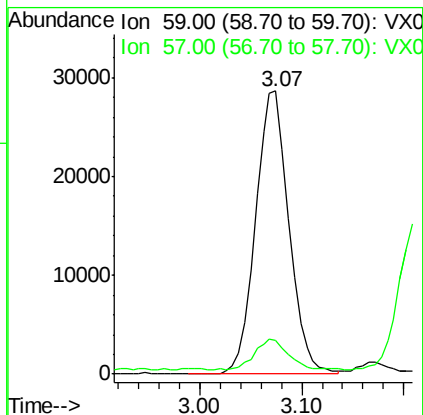
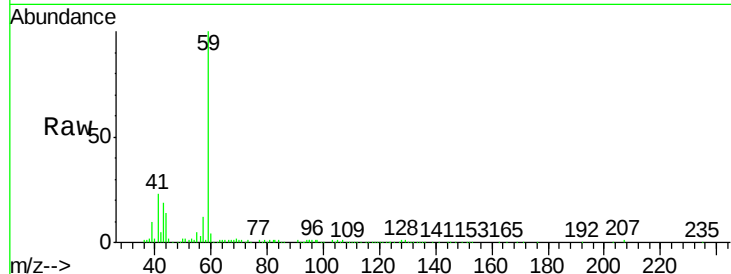


#11

Tert butyl alcohol
Concen: 98.61 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

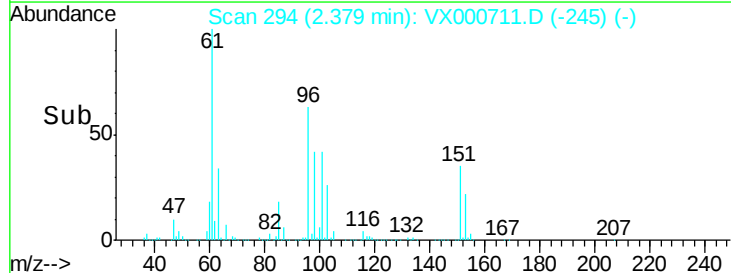
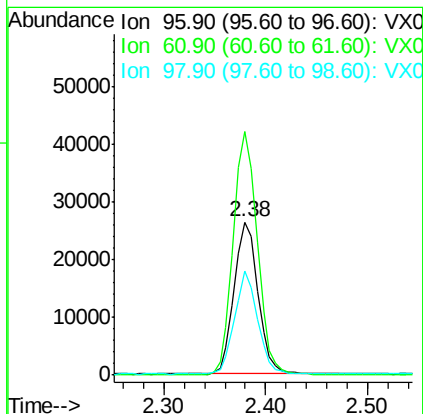
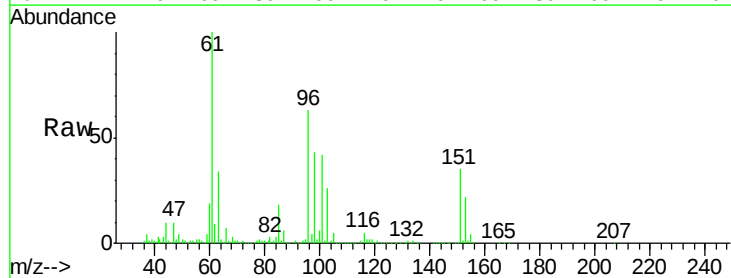
Tgt Ion: 59 Resp: 64848
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

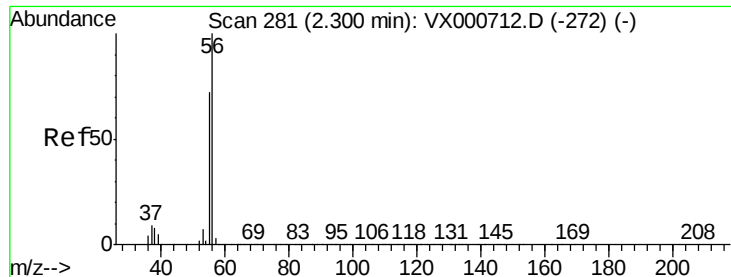


#12

1,1-Dichloroethene
Concen: 20.12 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 96 Resp: 42759
Ion Ratio Lower Upper
96 100
61 160.1 125.0 187.4
98 67.7 50.5 75.7





#13

Acrolein

Concen: 96.08 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

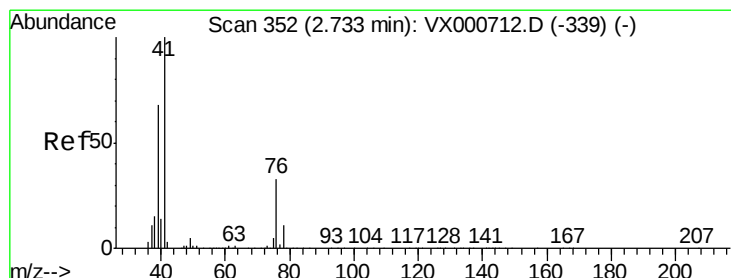
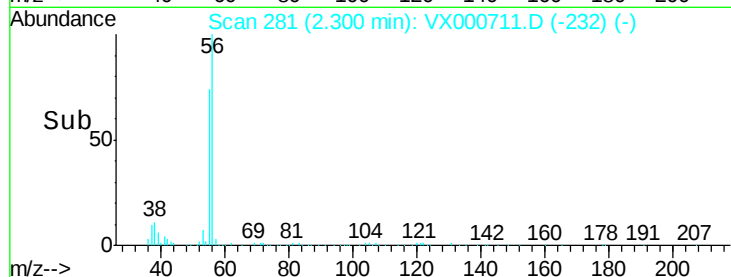
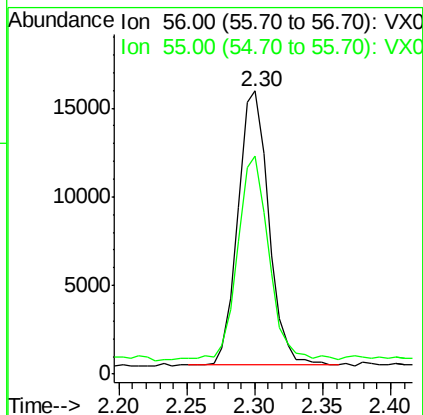
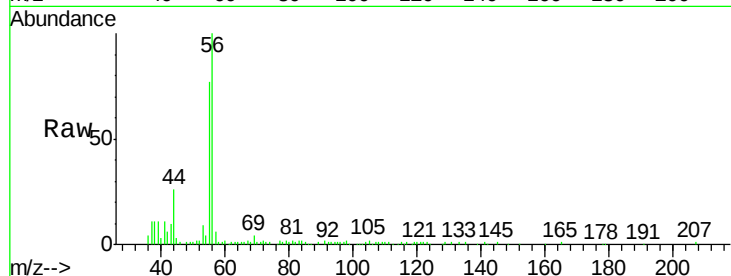
VSTDIC020

Tgt Ion: 56 Resp: 24413

Ion Ratio Lower Upper

56 100

55 75.0 57.4 86.2



#14

Allyl chloride

Concen: 20.71 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

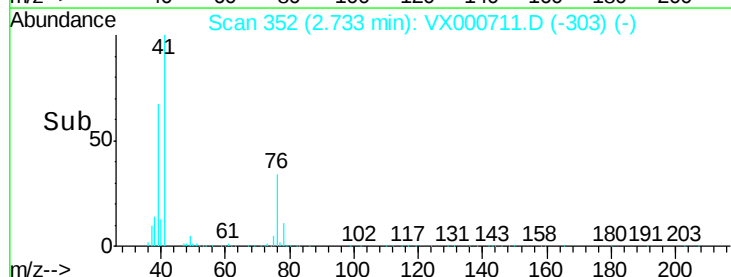
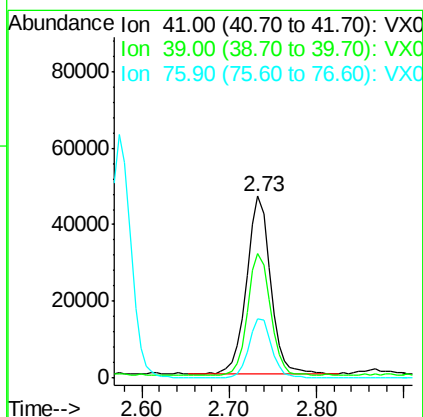
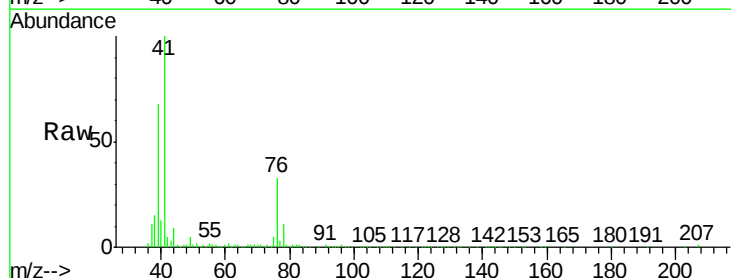
Tgt Ion: 41 Resp: 87911

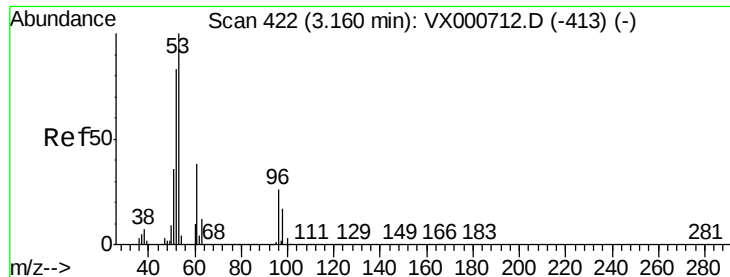
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 98.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

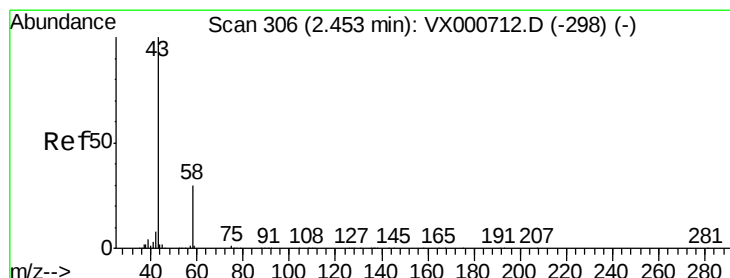
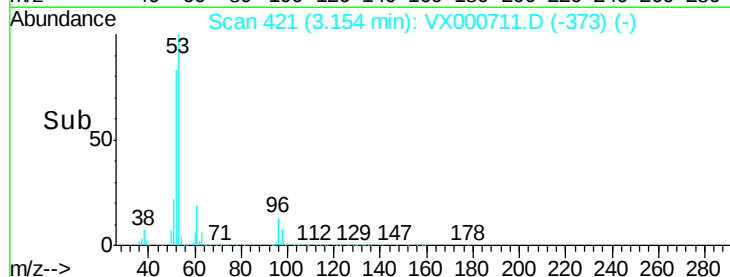
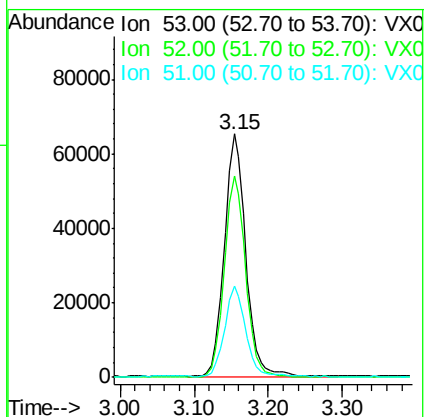
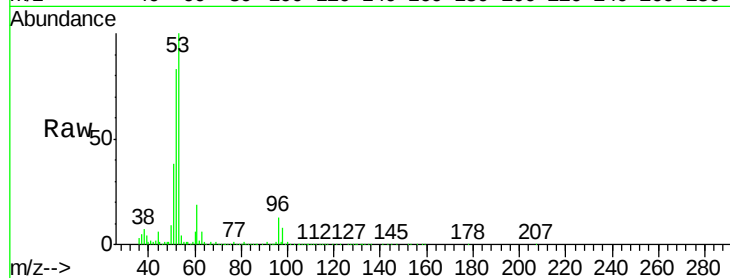
Tgt Ion: 53 Resp: 130156

Ion Ratio Lower Upper

53 100

52 82.5 66.1 99.1

51 37.3 29.1 43.7



#16

Acetone

Concen: 103.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000711.D

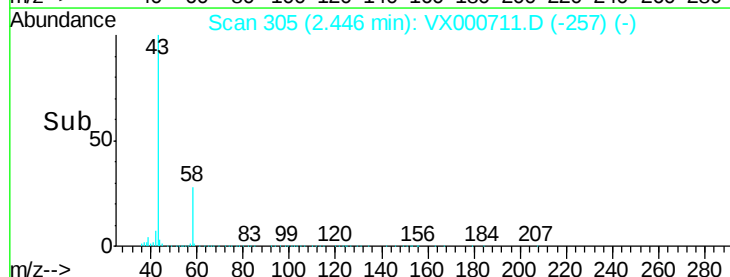
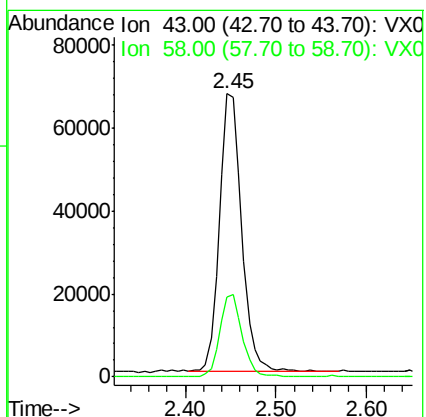
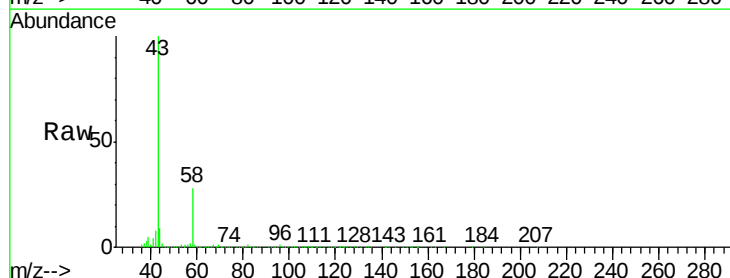
Acq: 07 Apr 2018 12:14

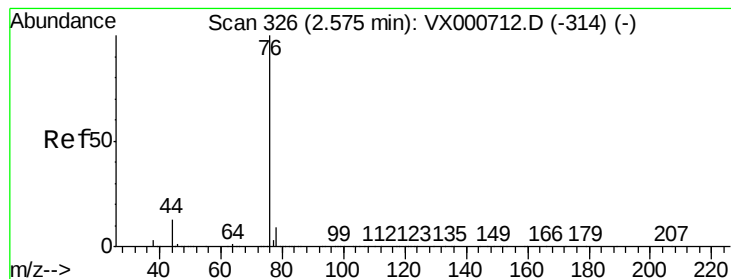
Tgt Ion: 43 Resp: 114838

Ion Ratio Lower Upper

43 100

58 28.3 24.0 36.0





#17

Carbon Disulfide

Concen: 20.53 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

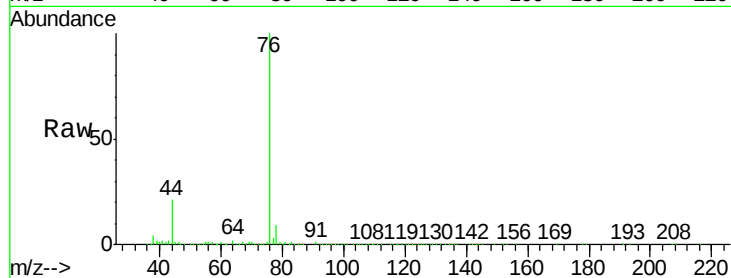
VSTDIC020

Tgt Ion: 76 Resp: 103699

Ion Ratio Lower Upper

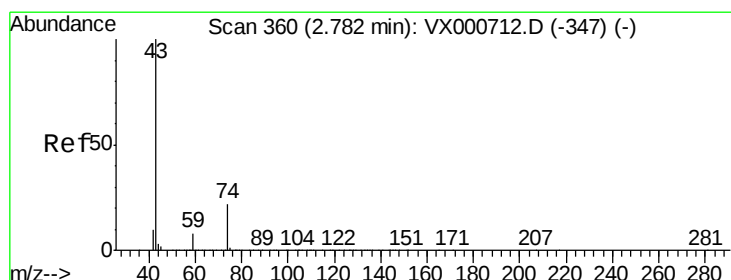
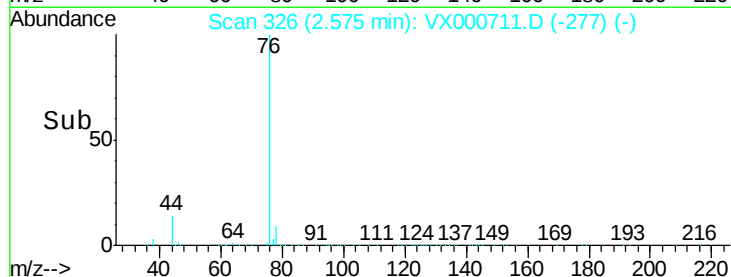
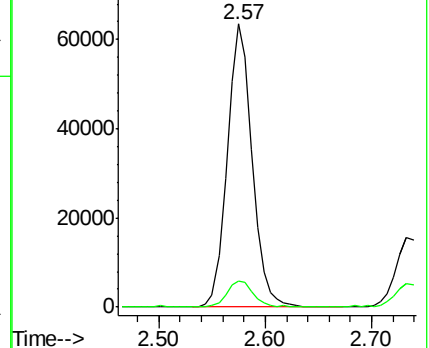
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000711.D

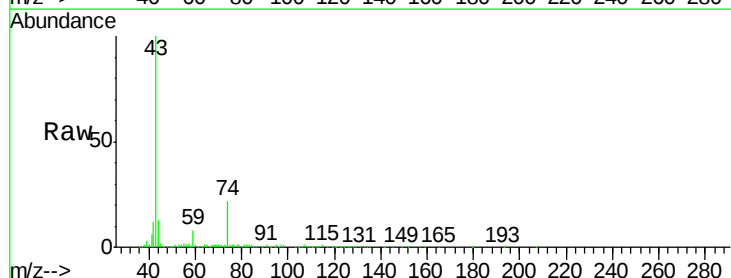
Acq: 07 Apr 2018 12:14

Tgt Ion: 43 Resp: 70311

Ion Ratio Lower Upper

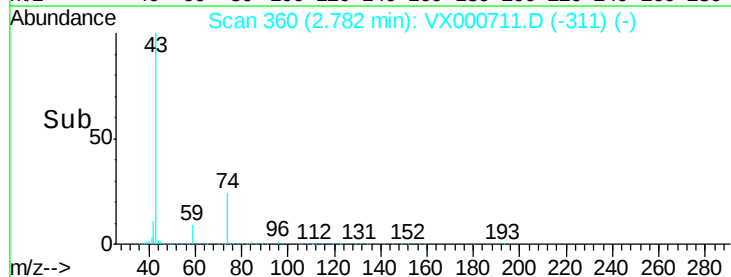
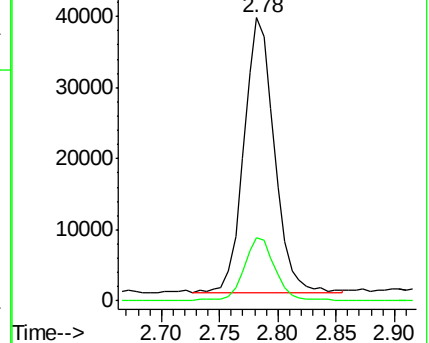
43 100

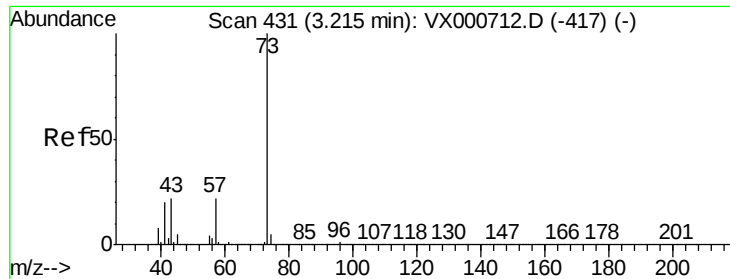
74 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

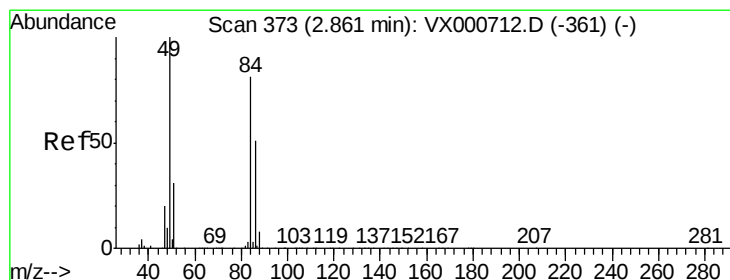
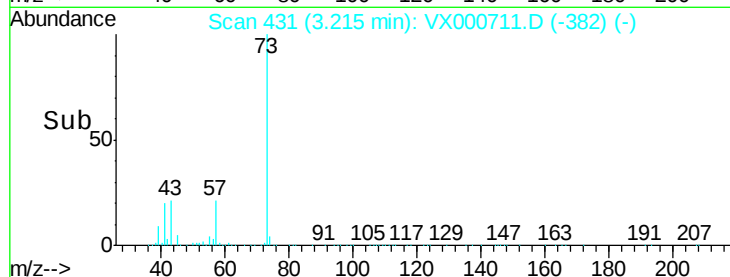
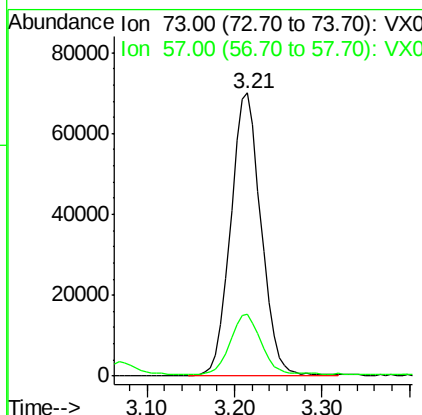
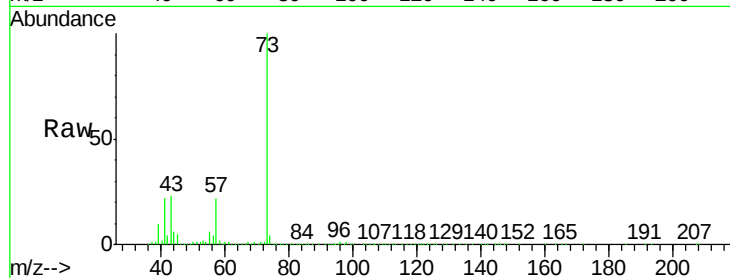




#19
Methyl tert-butyl Ether
Concen: 20.48 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

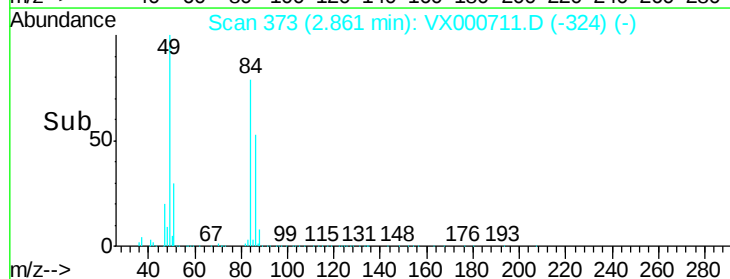
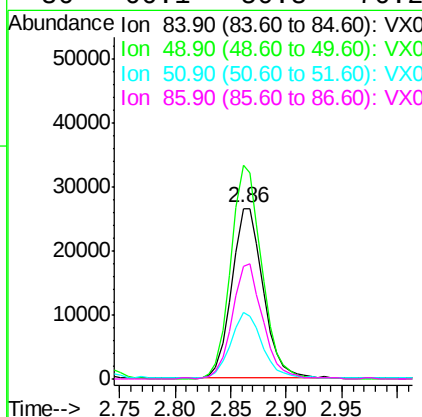
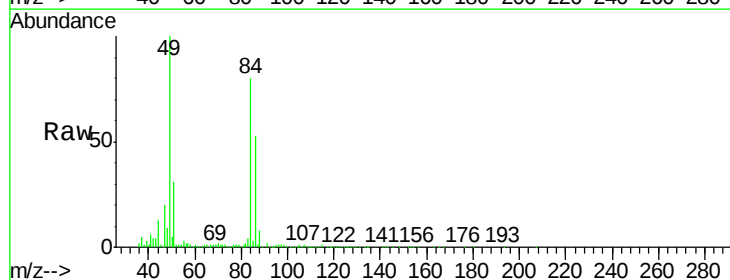
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

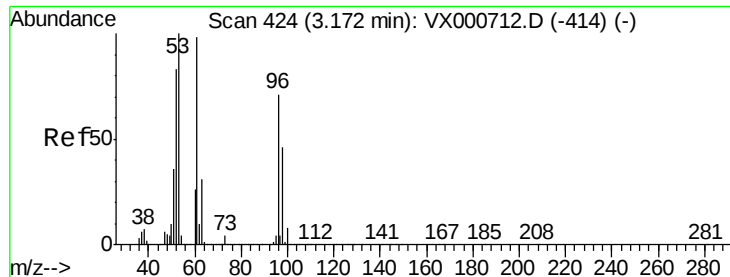
Tgt Ion: 73 Resp: 168134
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.41 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 84 Resp: 51978
Ion Ratio Lower Upper
84 100
49 125.9 98.6 148.0
51 38.4 30.8 46.2
86 66.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

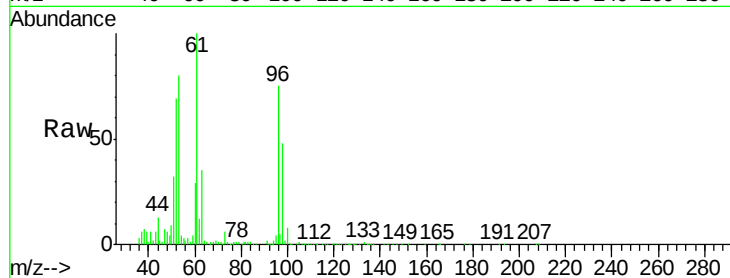
Tgt Ion: 96 Resp: 46457

Ion Ratio Lower Upper

96 100

61 133.0 109.8 164.6

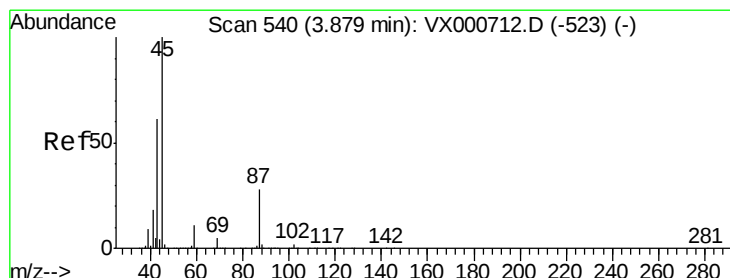
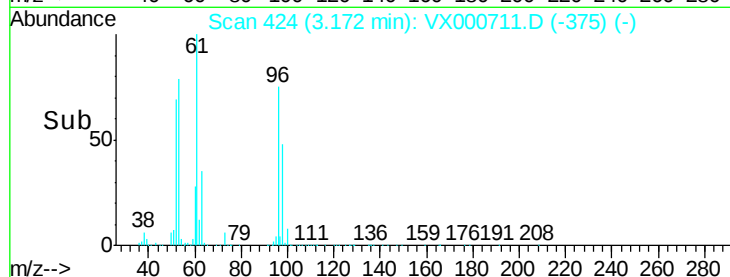
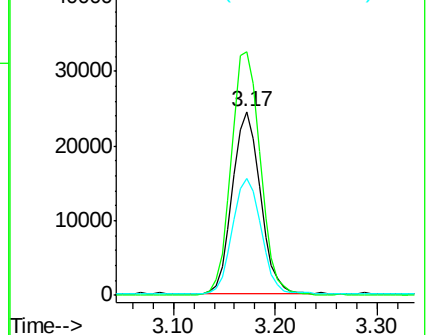
98 63.4 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Tgt Ion: 45 Resp: 177789

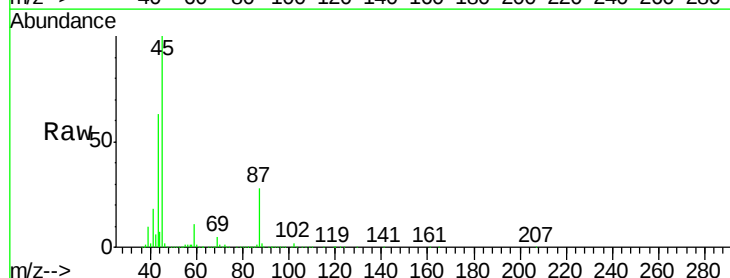
Ion Ratio Lower Upper

45 100

43 60.9 49.2 73.8

87 27.7 22.7 34.1

59 11.4 9.0 13.4

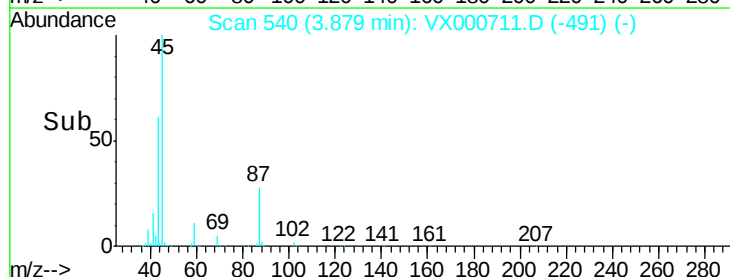
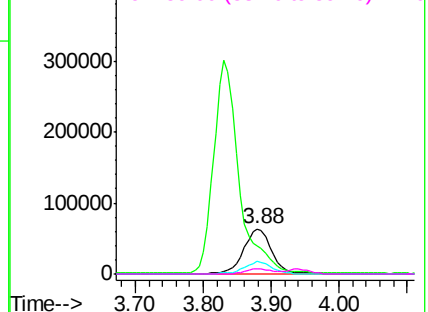


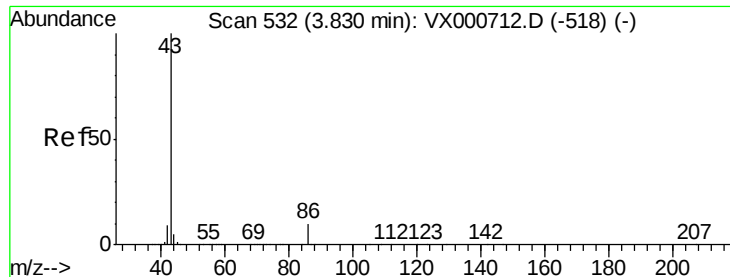
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.49 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

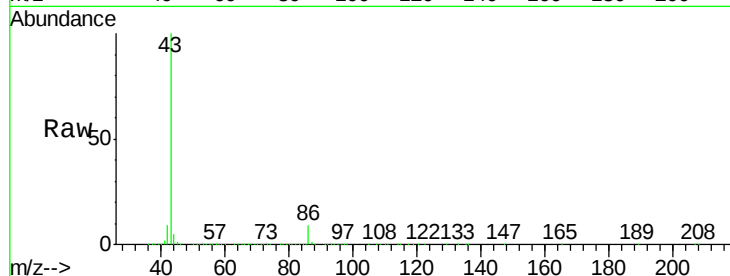
VSTDIC020

Tgt Ion: 43 Resp: 778142

Ion Ratio Lower Upper

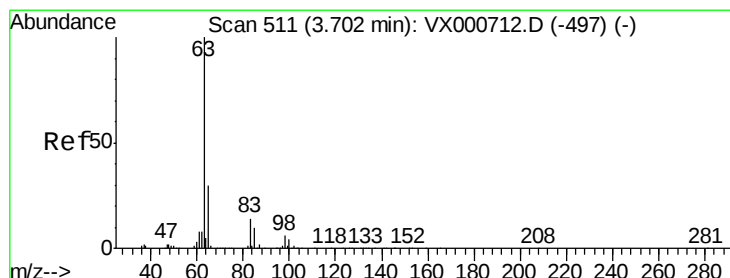
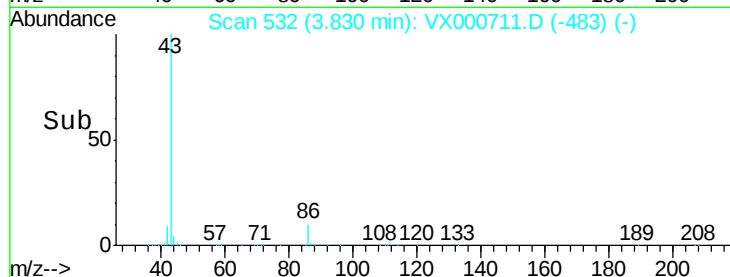
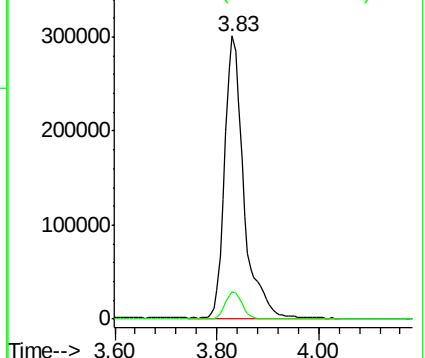
43 100

86 9.5 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.65 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

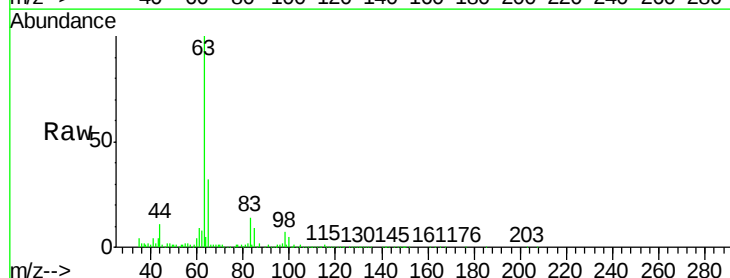
Tgt Ion: 63 Resp: 89335

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

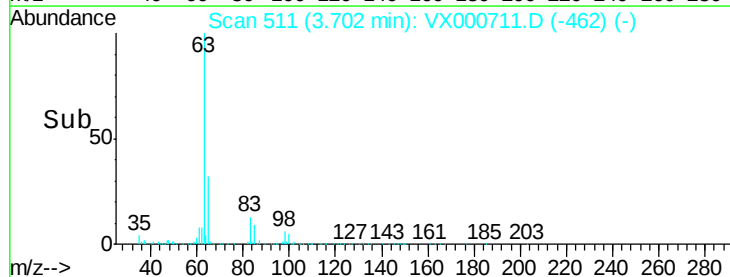
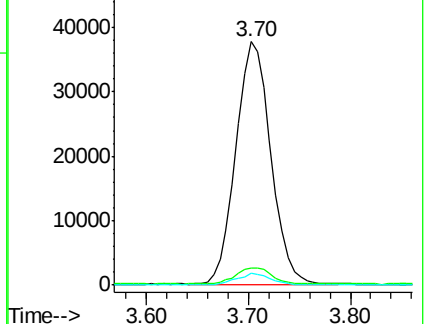
100 5.1 2.1 6.3

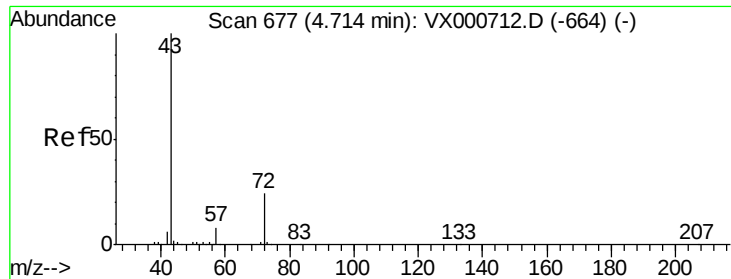


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

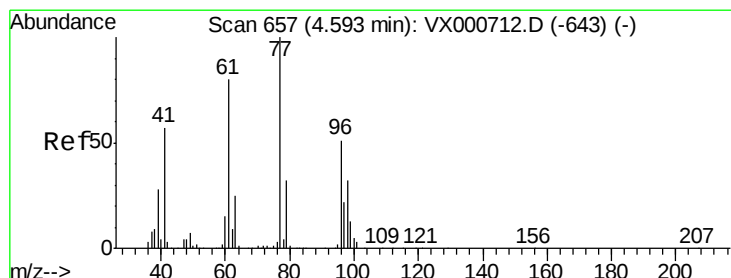
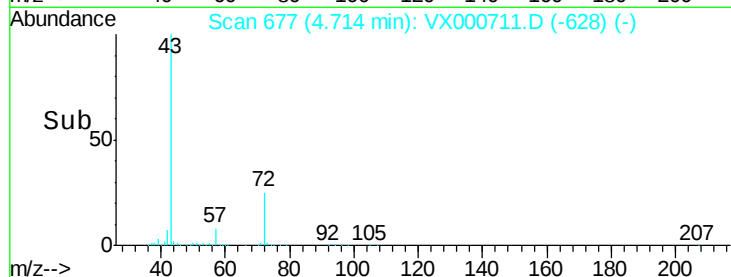
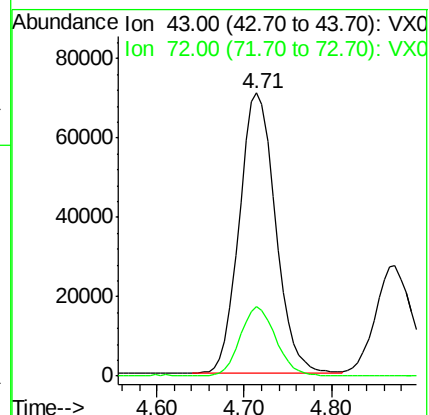
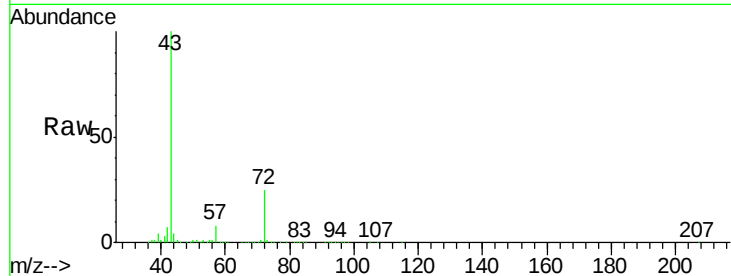
VSTDIC020

Tgt Ion: 43 Resp: 203876

Ion Ratio Lower Upper

43 100

72 24.6 19.0 28.4



#26

2,2-Dichloropropane

Concen: 20.70 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000711.D

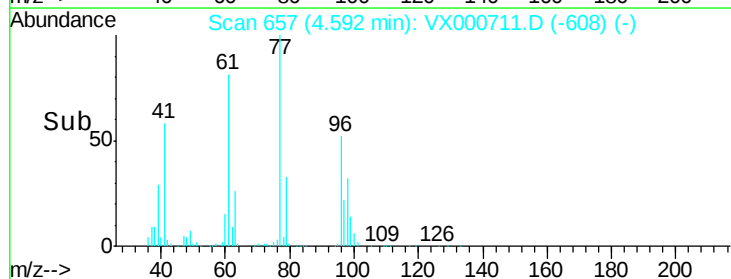
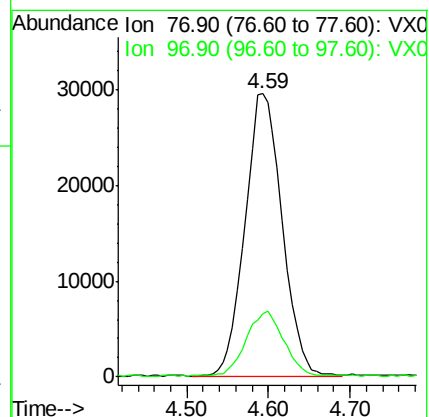
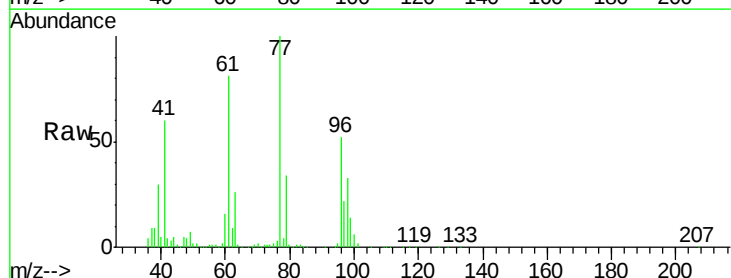
Acq: 07 Apr 2018 12:14

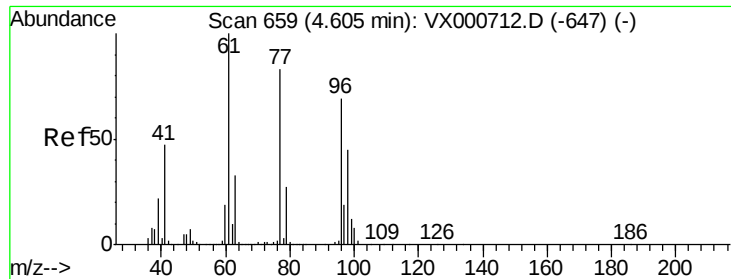
Tgt Ion: 77 Resp: 93473

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



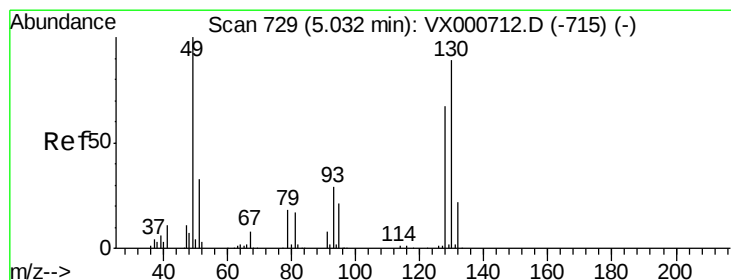
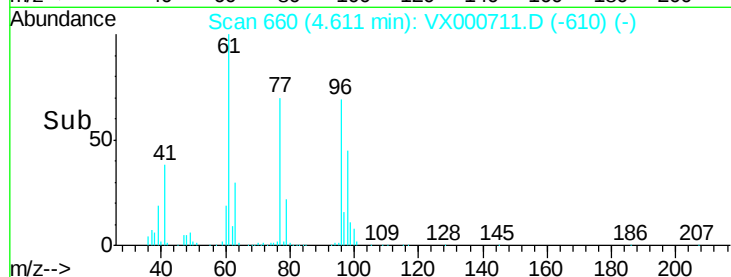
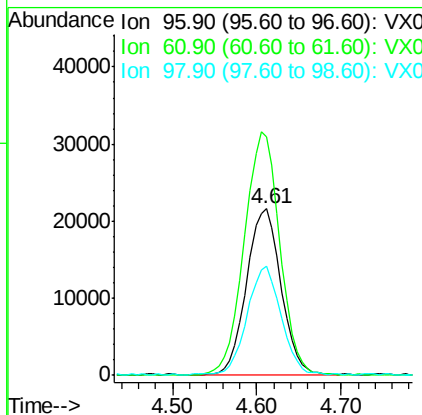
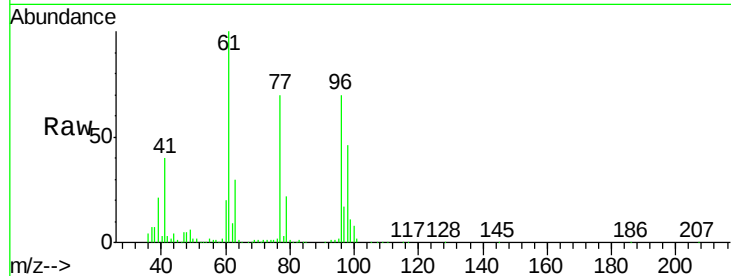


#27

cis-1,2-Dichloroethene
 Concen: 20.53 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

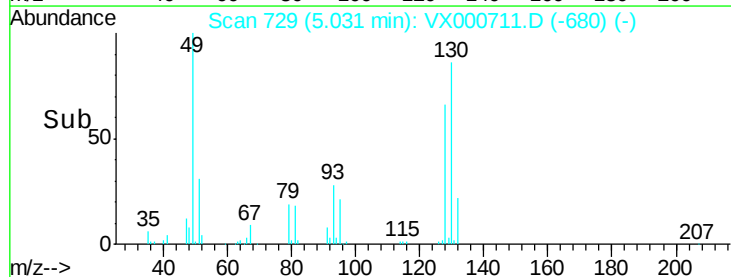
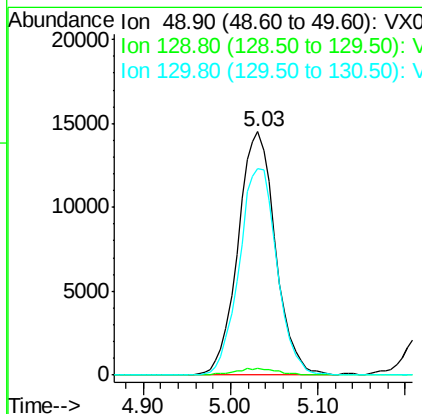
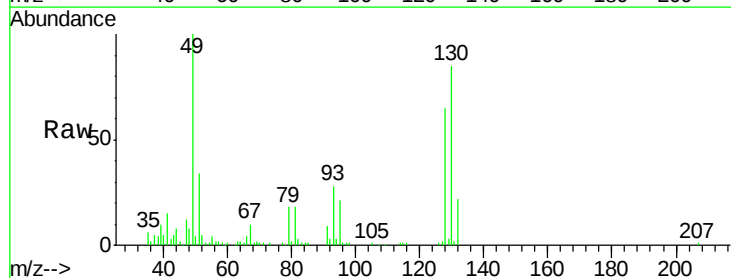
Tgt Ion: 96 Resp: 60053
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.0
 98 63.7 0.0 129.6

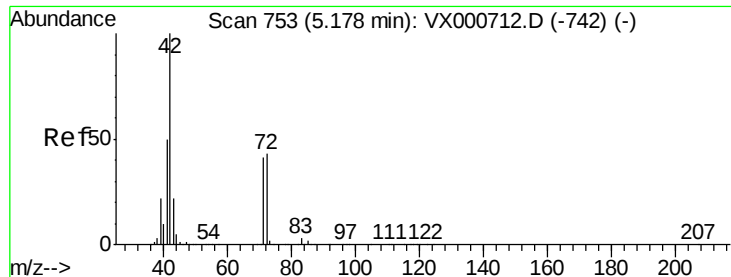


#28

Bromochloromethane
 Concen: 21.51 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion: 49 Resp: 43152
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 5.4
 130 85.5 69.0 103.4





#29

Tetrahydrofuran

Concen: 99.53 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

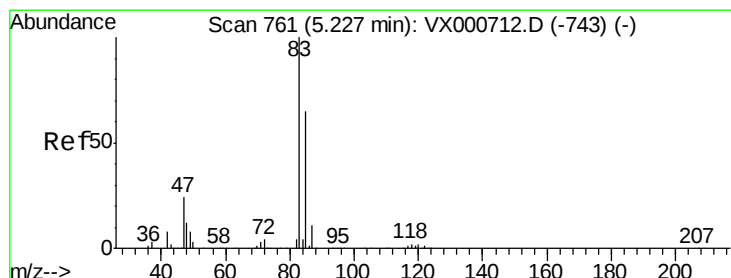
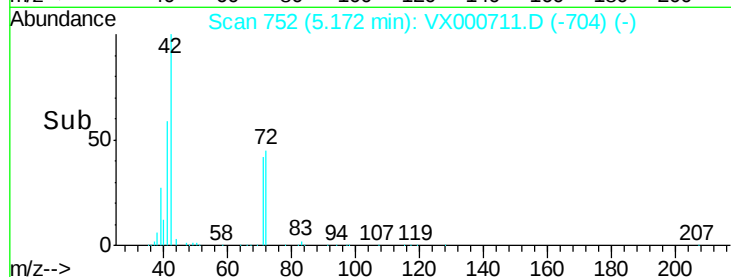
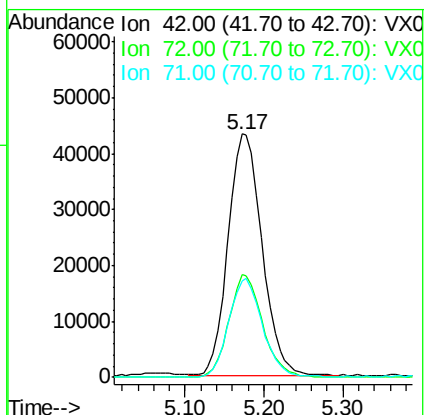
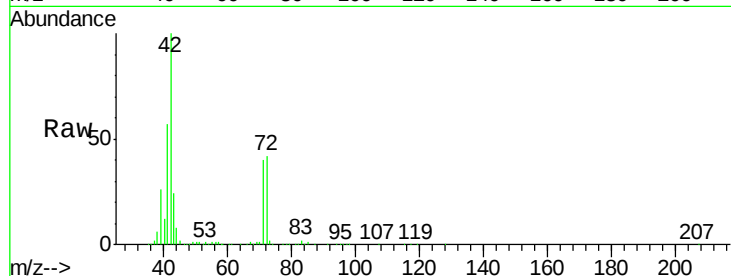
Tgt Ion: 42 Resp: 129189

Ion Ratio Lower Upper

42 100

72 42.0 34.4 51.6

71 40.0 32.0 48.0



#30

Chloroform

Concen: 20.70 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000711.D

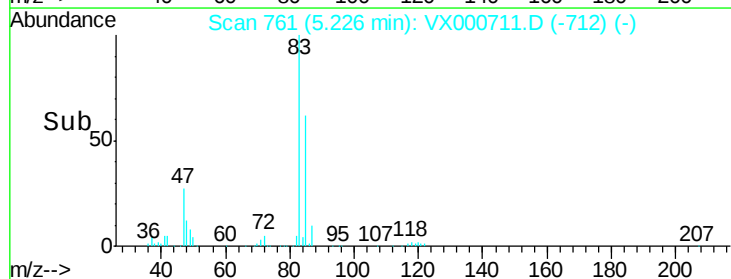
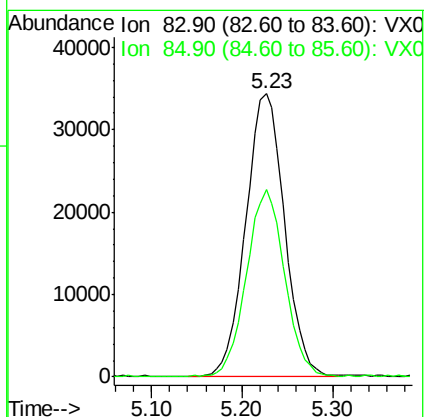
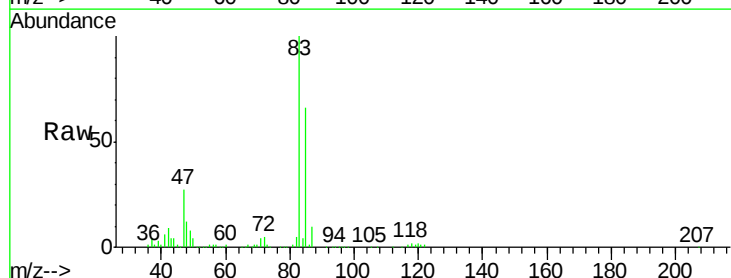
Acq: 07 Apr 2018 12:14

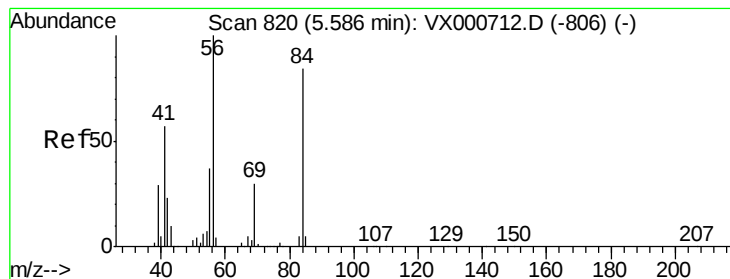
Tgt Ion: 83 Resp: 101103

Ion Ratio Lower Upper

83 100

85 66.1 52.3 78.5





#31

Cyclohexane

Concen: 20.90 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

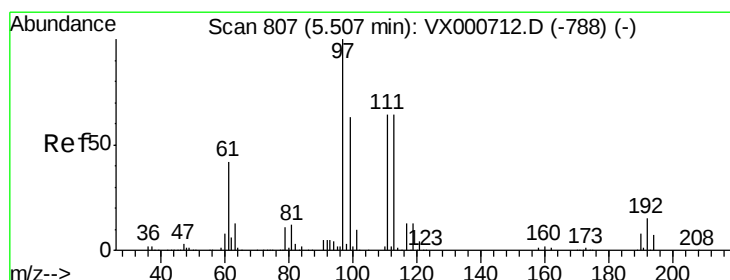
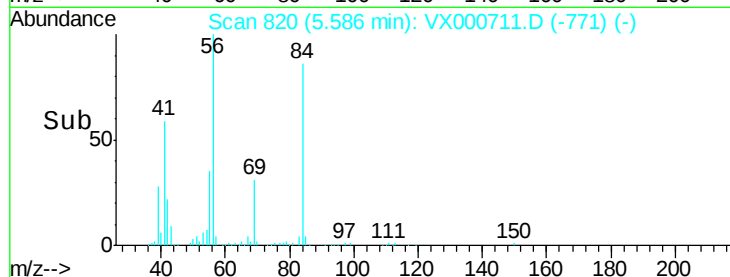
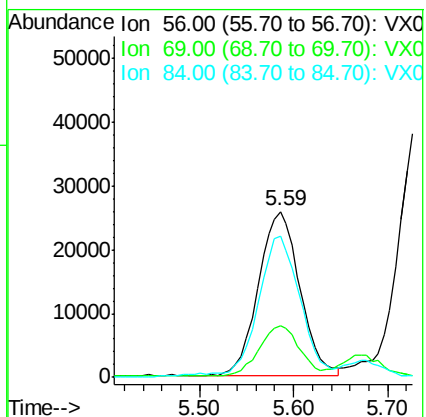
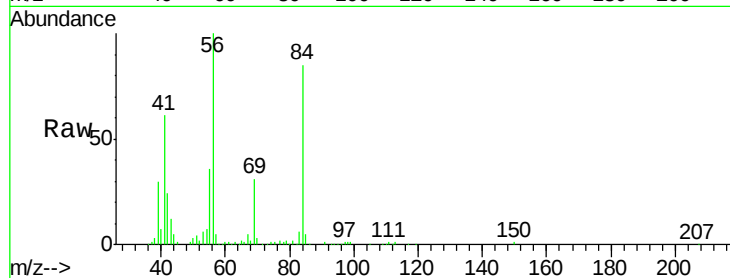
Tgt Ion: 56 Resp: 79294

Ion Ratio Lower Upper

56 100

69 30.6 23.8 35.6

84 84.3 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 20.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

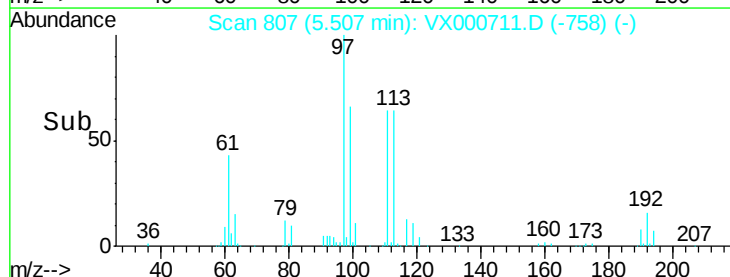
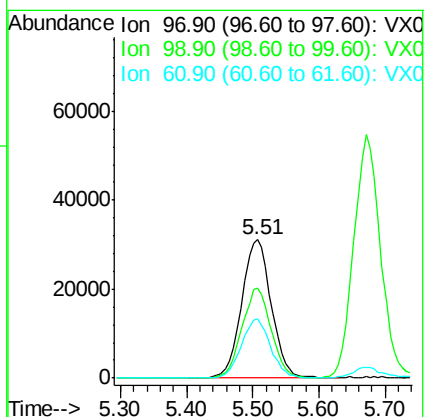
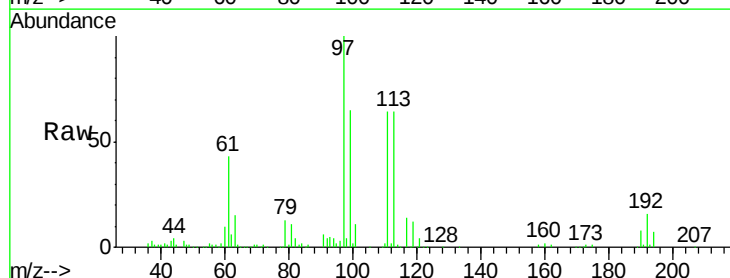
Tgt Ion: 97 Resp: 96037

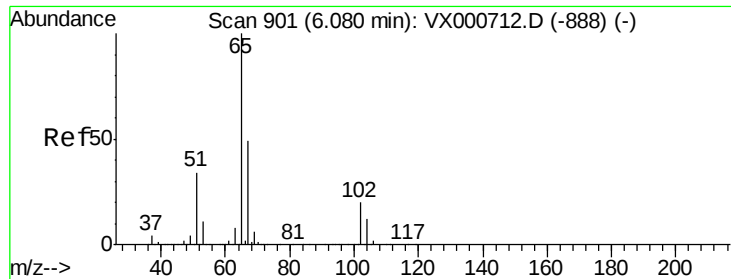
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 42.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 20.84 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

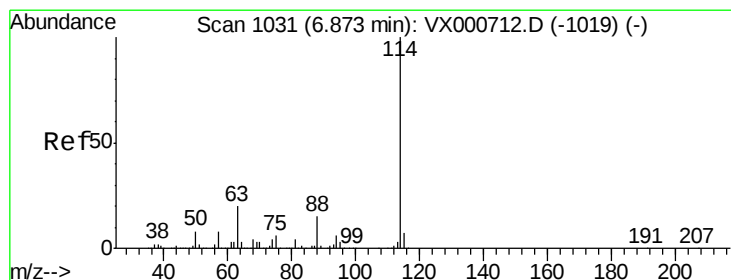
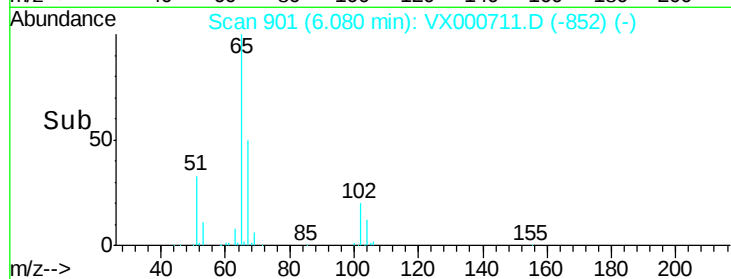
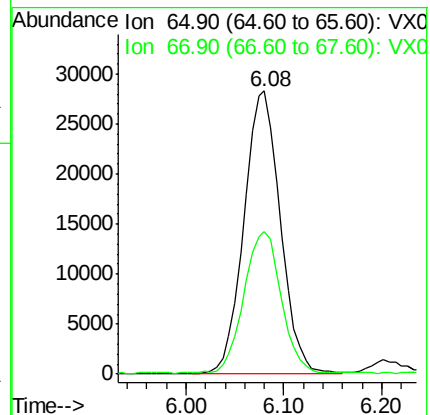
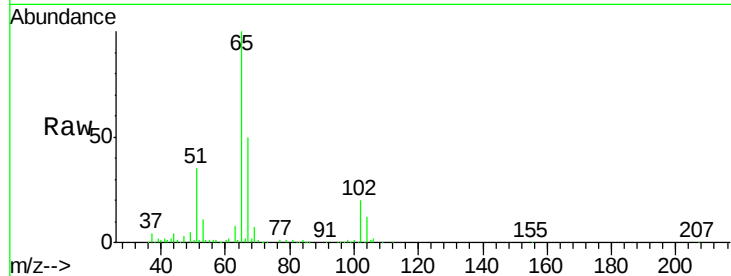
VSTDIC020

Tgt Ion: 65 Resp: 73292

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

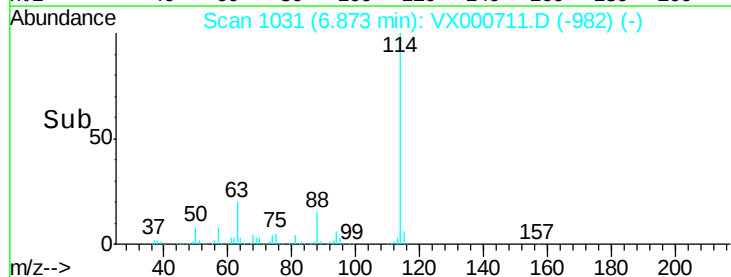
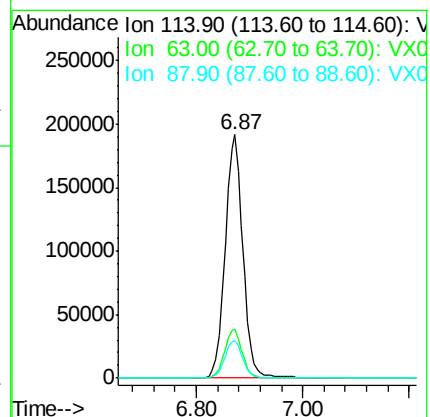
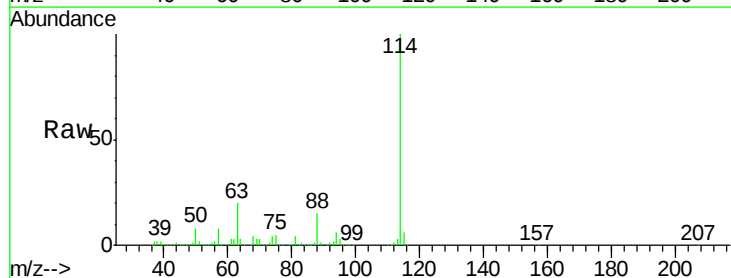
Tgt Ion: 114 Resp: 447889

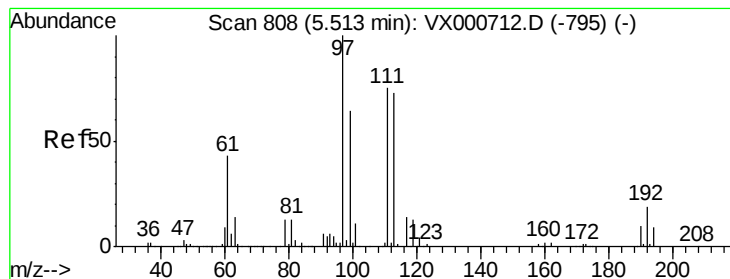
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.12 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

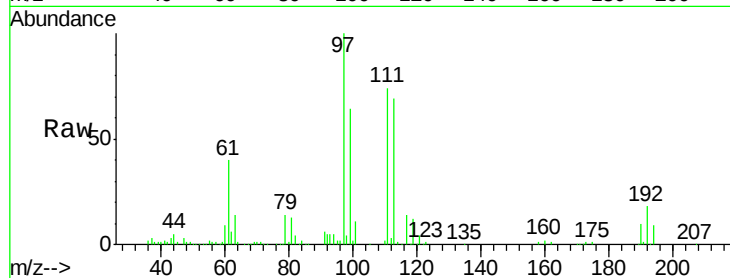
Tgt Ion:113 Resp: 58853

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

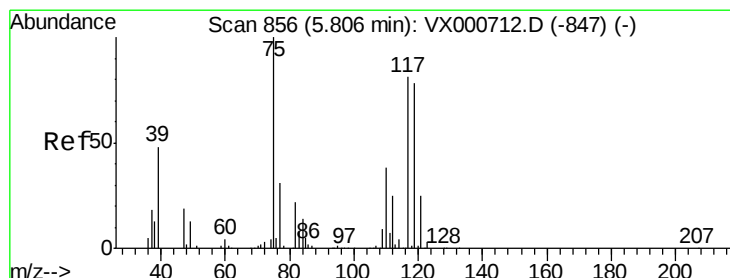
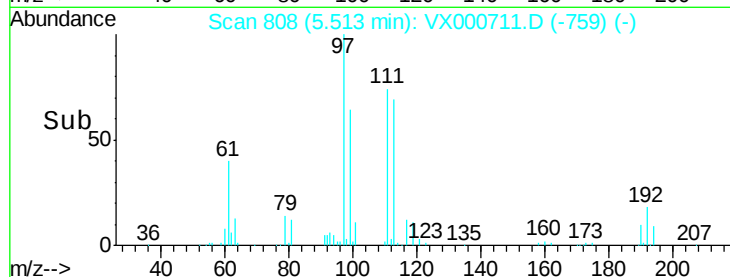
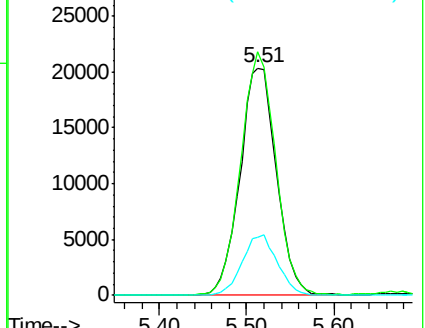
192 25.6 20.0 30.0



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: 20.22 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

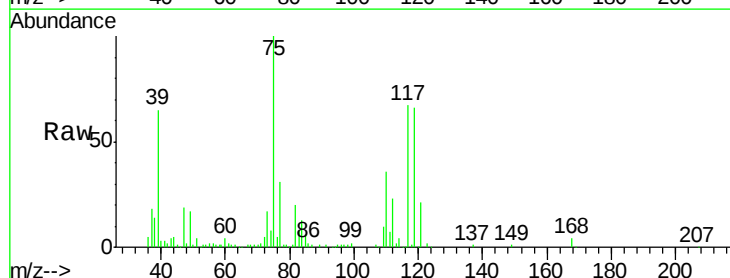
Tgt Ion: 75 Resp: 71754

Ion Ratio Lower Upper

75 100

110 38.1 18.6 56.0

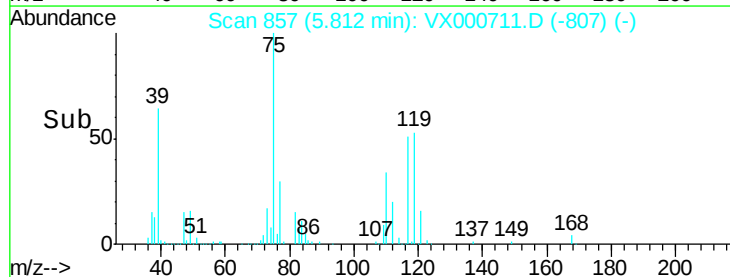
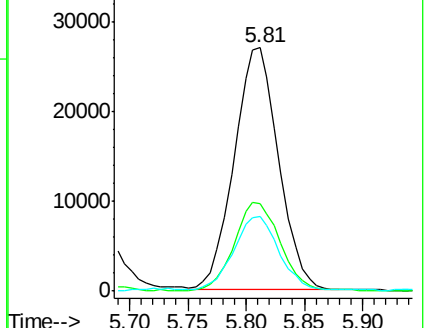
77 30.6 24.6 37.0

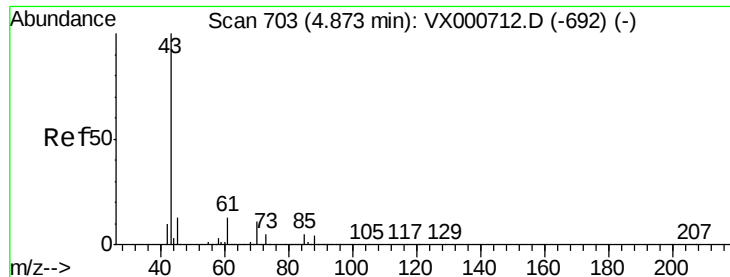


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

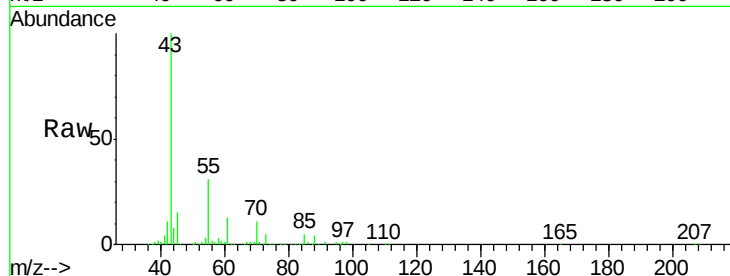




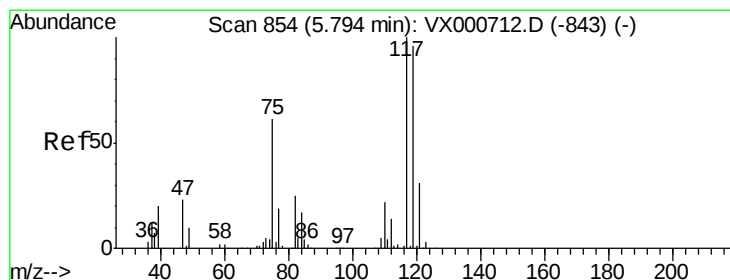
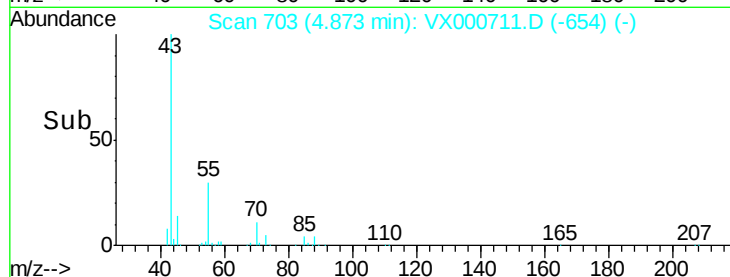
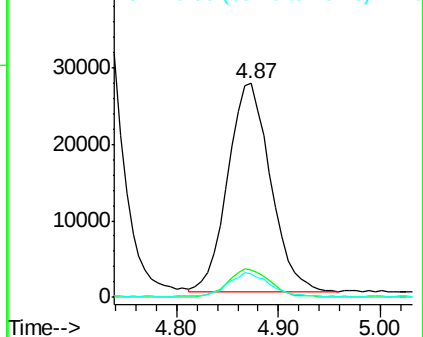
#37
Ethyl Acetate
Concen: 19.69 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 79323
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.9 8.4 12.6

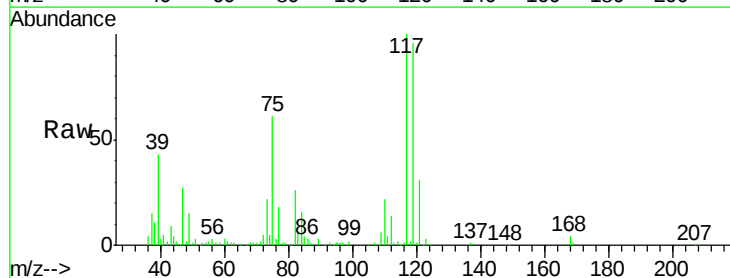


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

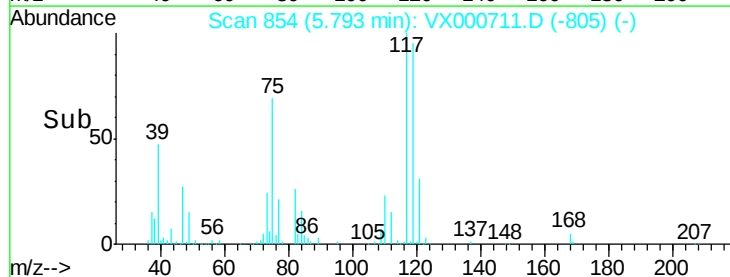
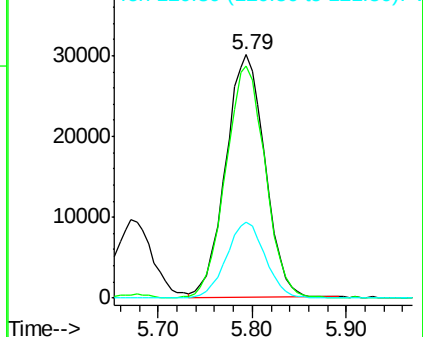


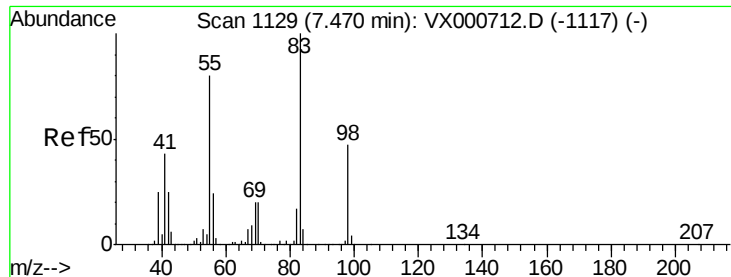
#38
Carbon Tetrachloride
Concen: 20.22 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 117 Resp: 87083
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 31.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

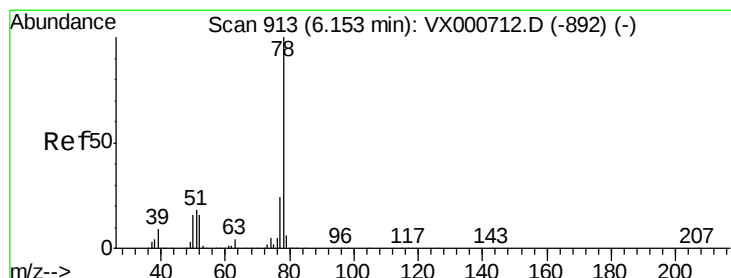
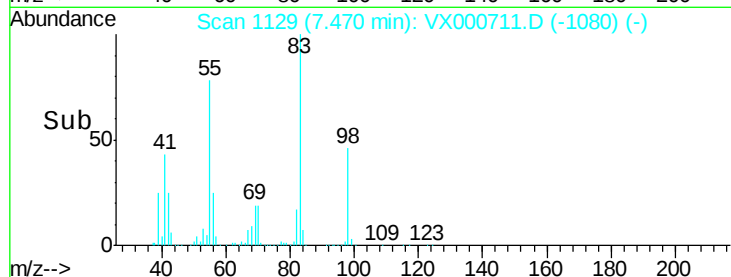
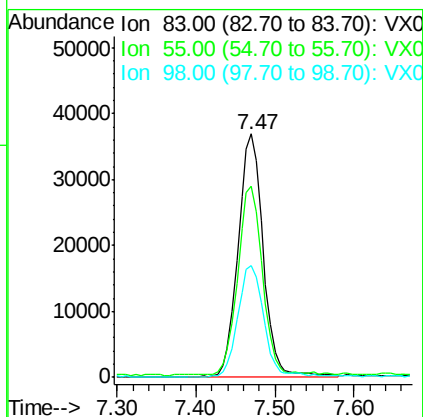
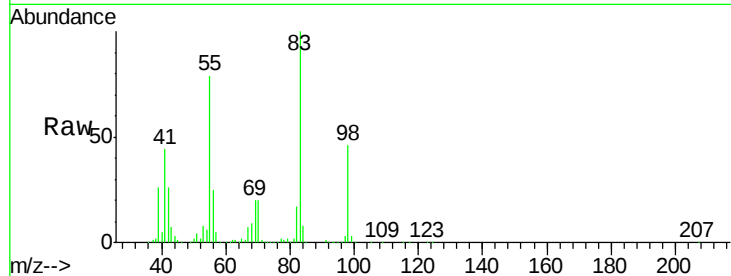




#39
Methylcyclohexane
Concen: 19.97 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

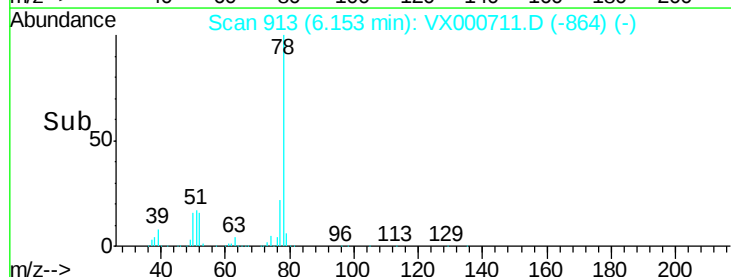
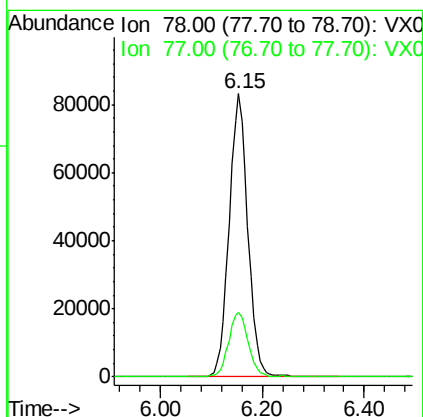
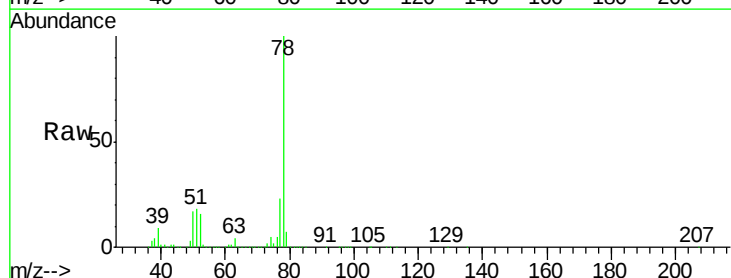
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

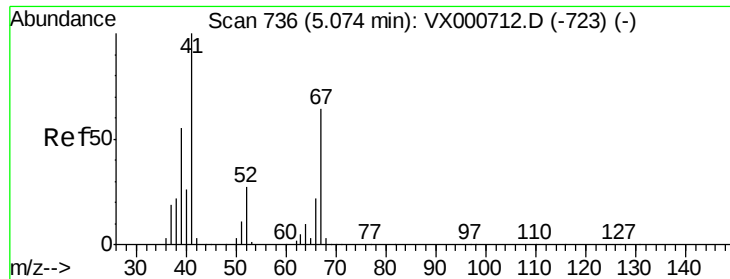
Tgt Ion: 83 Resp: 81422
Ion Ratio Lower Upper
83 100
55 77.8 63.7 95.5
98 45.7 37.2 55.8



#40
Benzene
Concen: 20.46 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 78 Resp: 211645
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

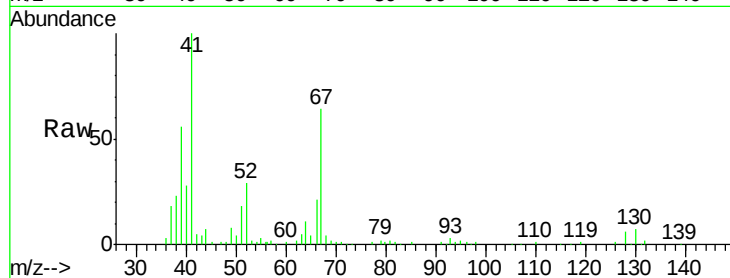




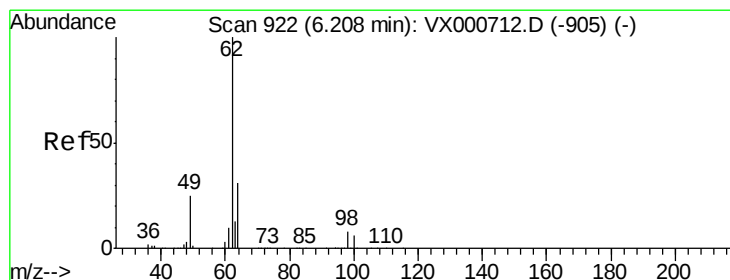
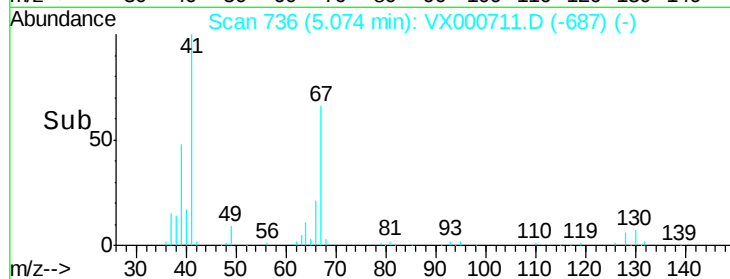
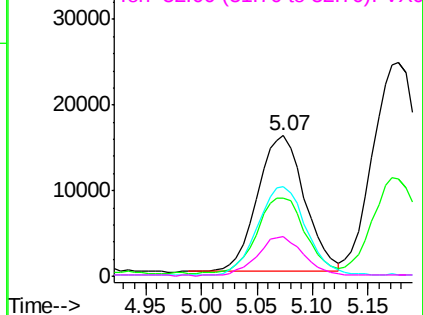
#41
Methacrylonitrile
Concen: 19.83 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	47044
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.3	67.9
67	66.3	52.7	79.1
52	28.3	22.3	33.5

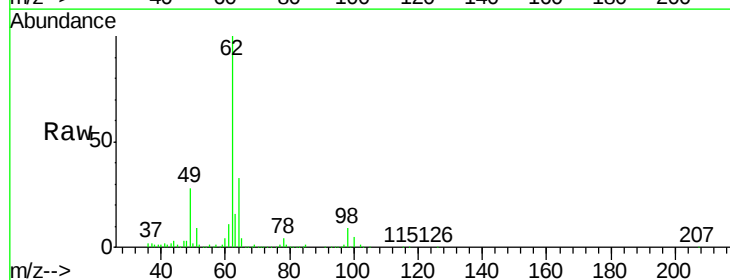


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

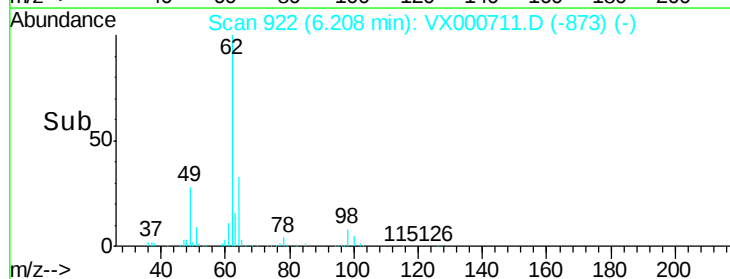
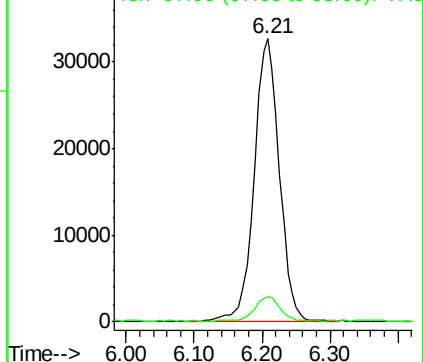


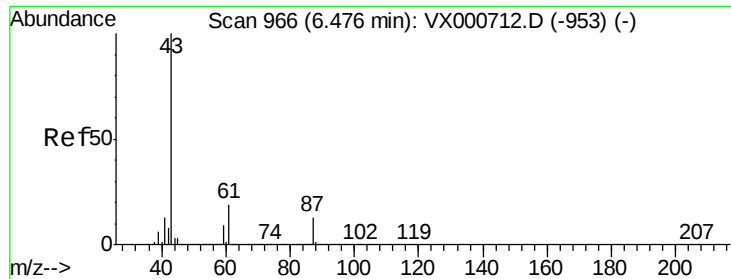
#42
1,2-Dichloroethane
Concen: 20.54 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion:	62	Resp:	84600
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



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



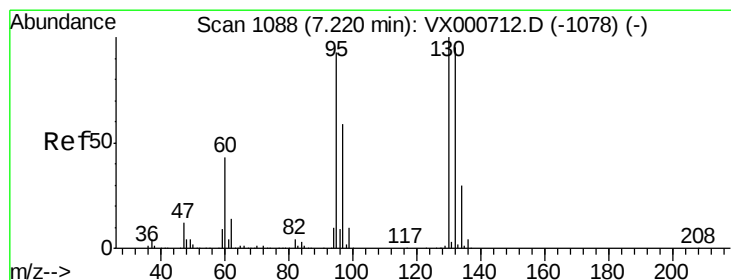
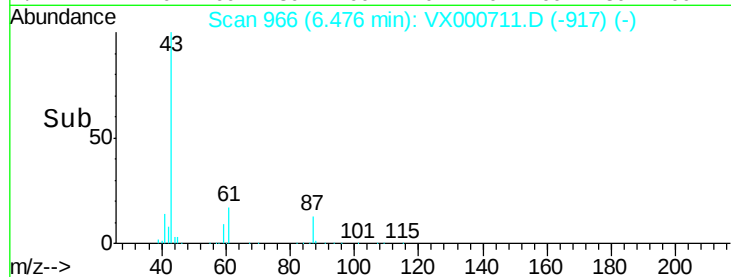
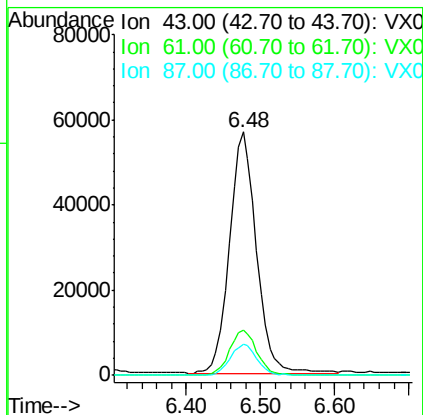
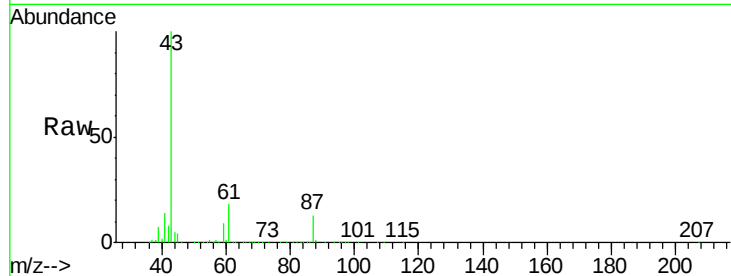


#43

Isopropyl Acetate
 Concen: 20.26 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

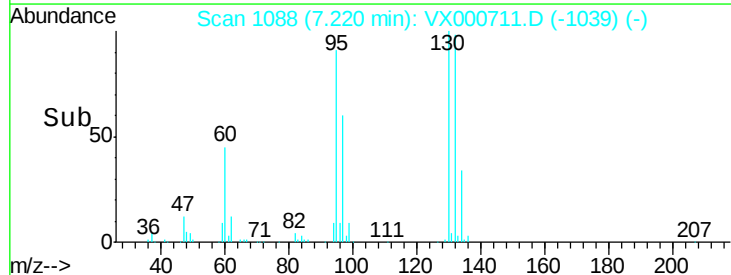
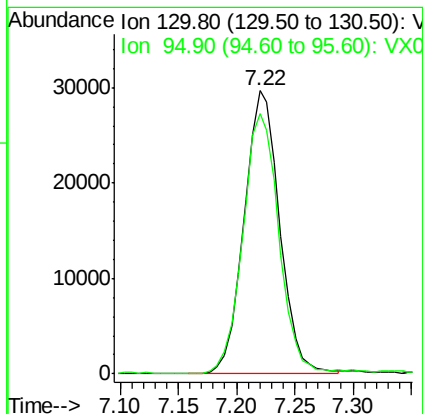
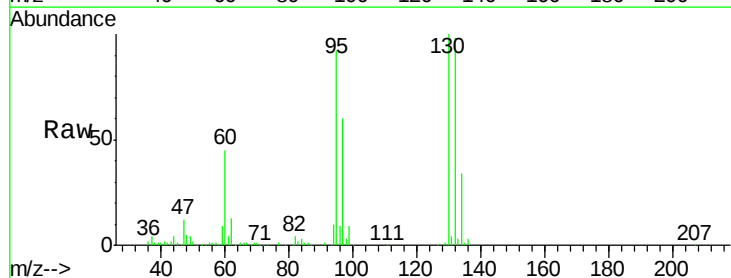
Tgt Ion: 43 Resp: 143281
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.0
 87 12.9 10.4 15.6

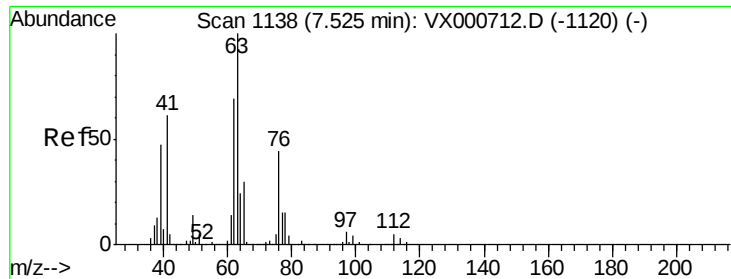


#44

Trichloroethene
 Concen: 19.86 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion: 130 Resp: 63199
 Ion Ratio Lower Upper
 130 100
 95 91.6 0.0 185.4

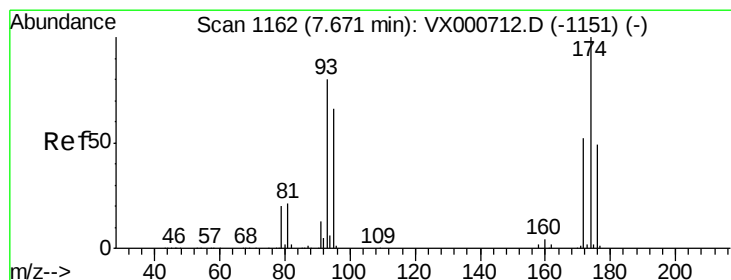
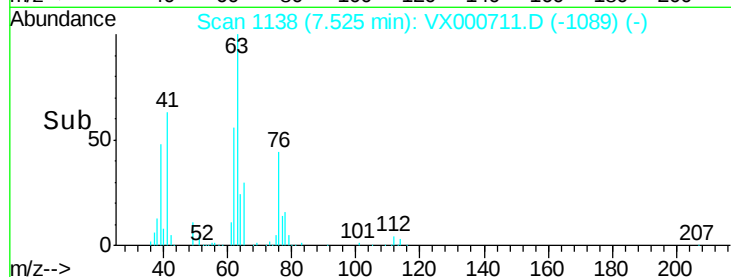
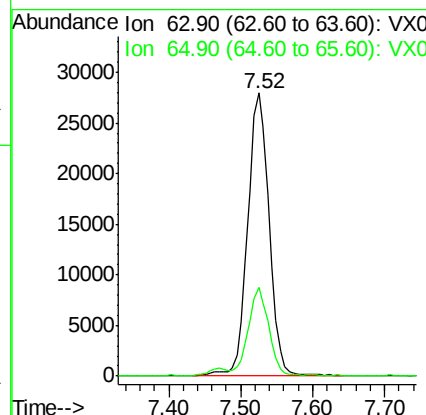
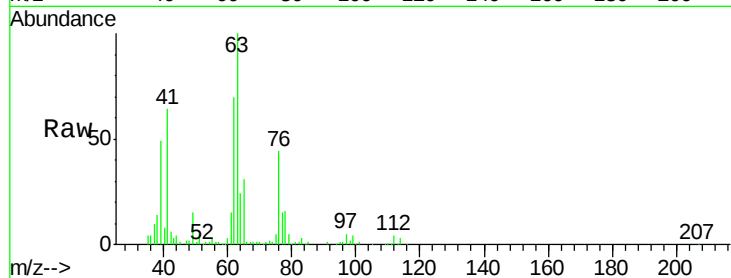




#45
 1,2-Dichloropropane
 Concen: 20.74 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

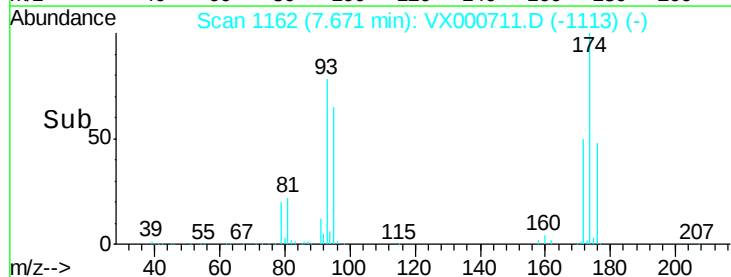
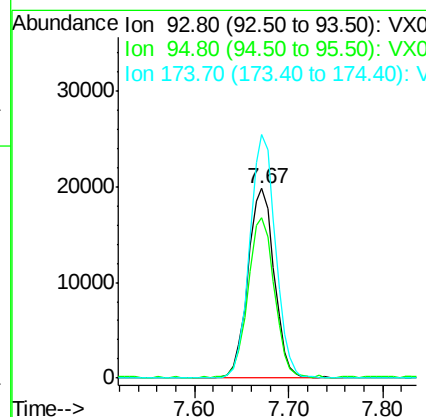
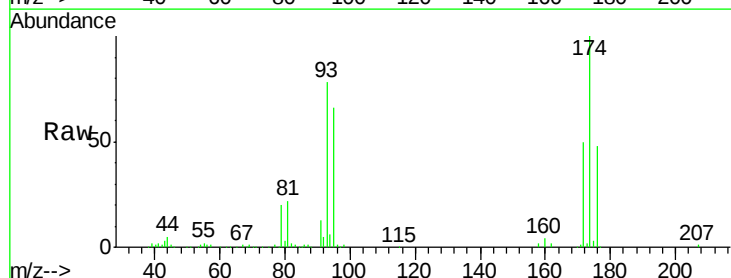
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

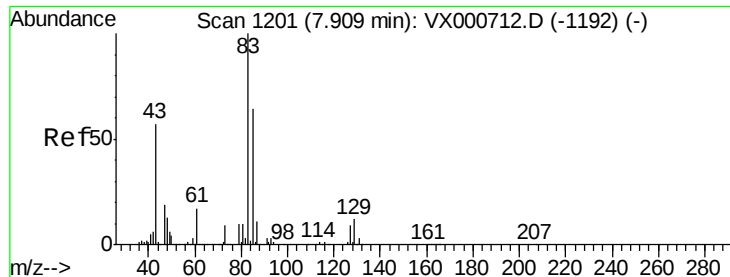
Tgt Ion: 63 Resp: 57831
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.2



#46
 Dibromomethane
 Concen: 20.29 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion: 93 Resp: 38780
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.0 99.0
 174 124.9 100.2 150.2





#47

Bromodichloromethane

Concen: 20.42 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

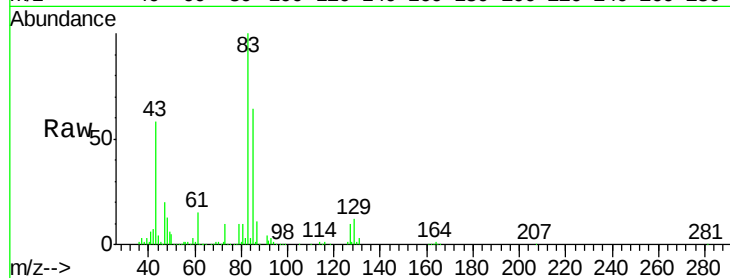
Tgt Ion: 83 Resp: 82357

Ion Ratio Lower Upper

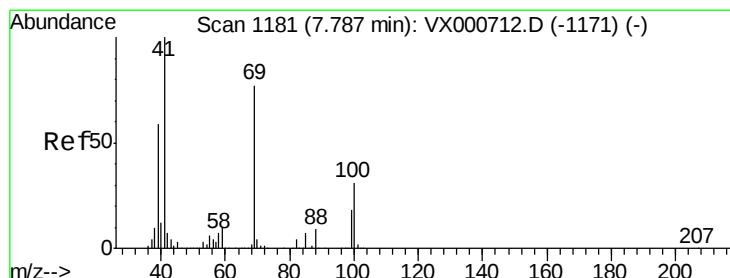
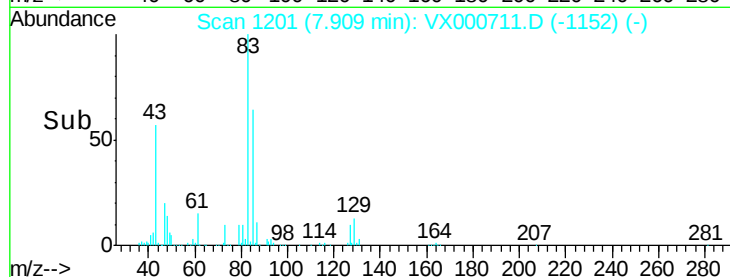
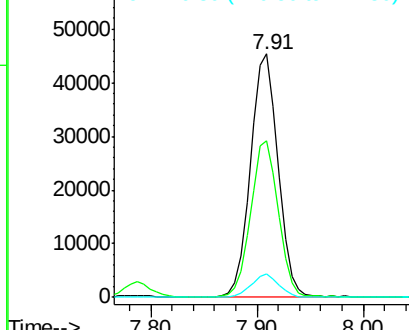
83 100

85 64.1 51.0 76.4

127 9.9 7.4 11.2



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: 20.27 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

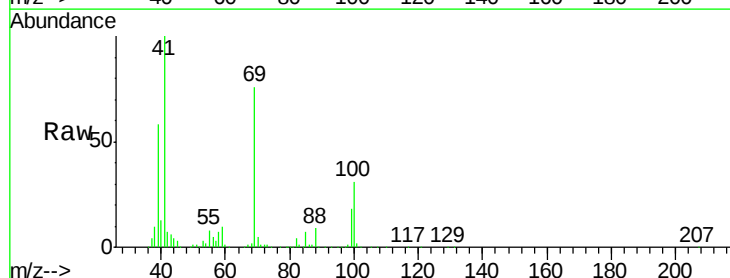
Tgt Ion: 41 Resp: 73599

Ion Ratio Lower Upper

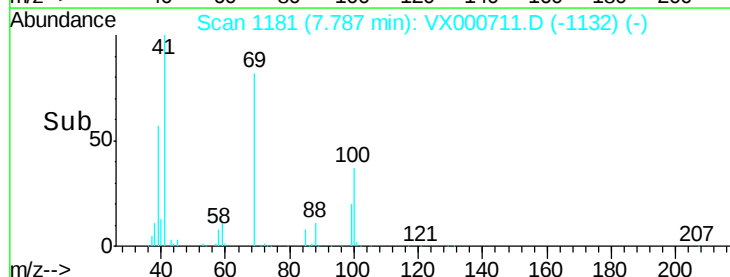
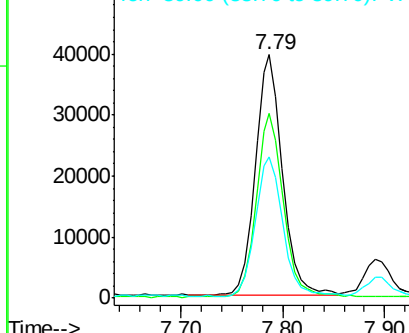
41 100

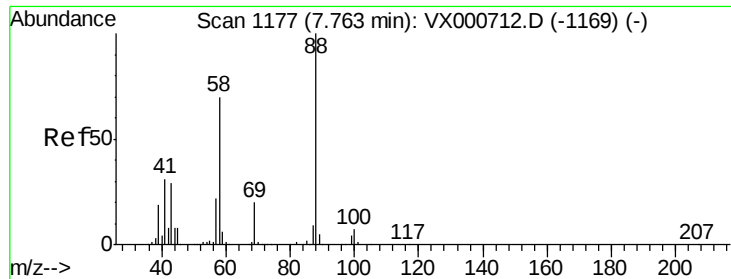
69 76.0 62.0 93.0

39 58.6 47.0 70.4



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

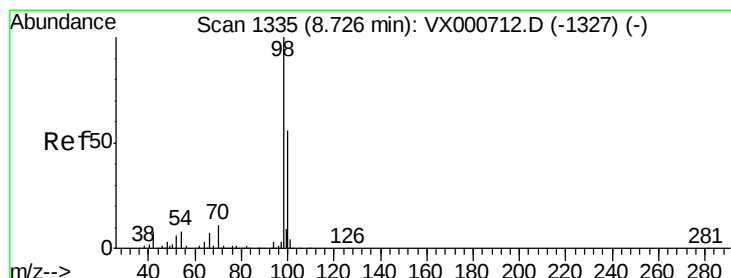
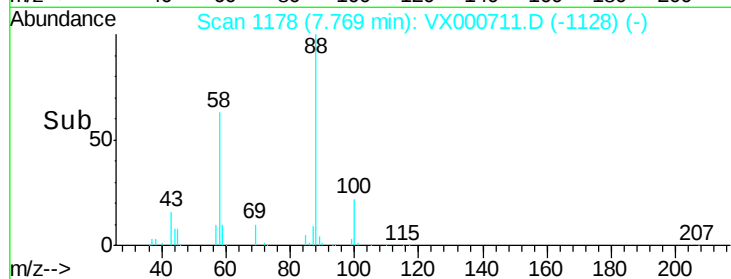
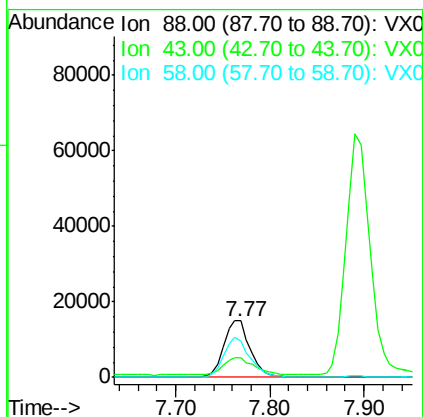
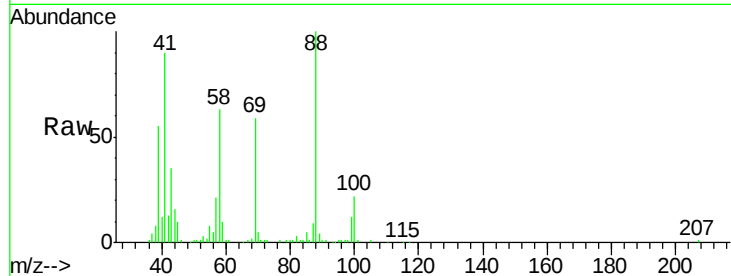




#49
1,4-Dioxane
Concen: 396.26 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

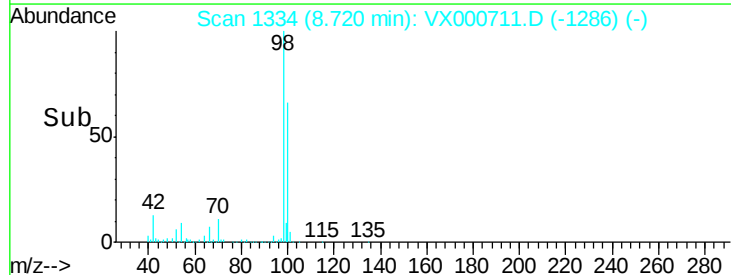
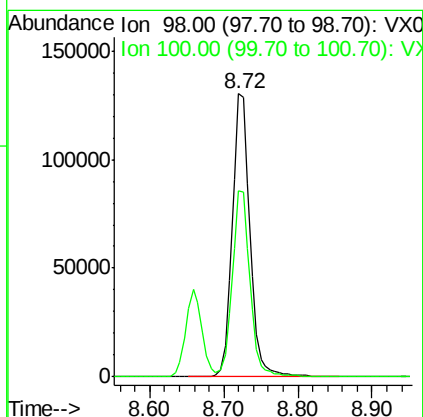
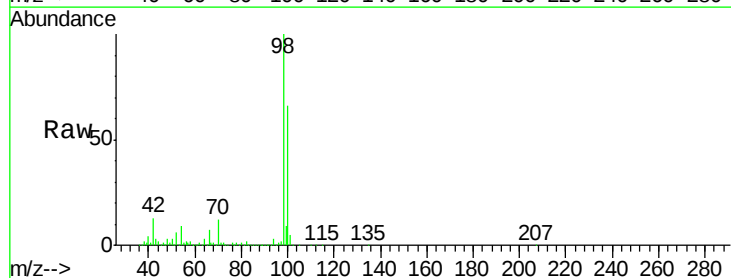
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

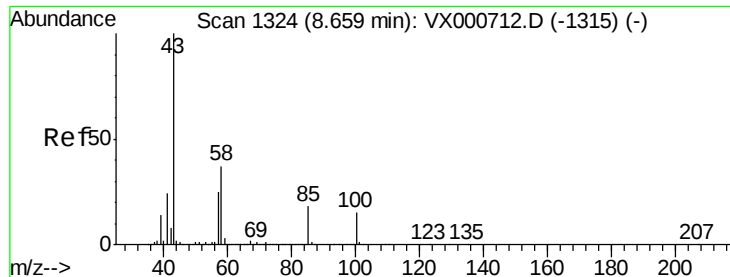
Tgt Ion: 88 Resp: 29160
Ion Ratio Lower Upper
88 100
43 35.4 27.9 41.9
58 71.7 57.0 85.4



#50
Toluene-d8
Concen: 20.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 98 Resp: 217069
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

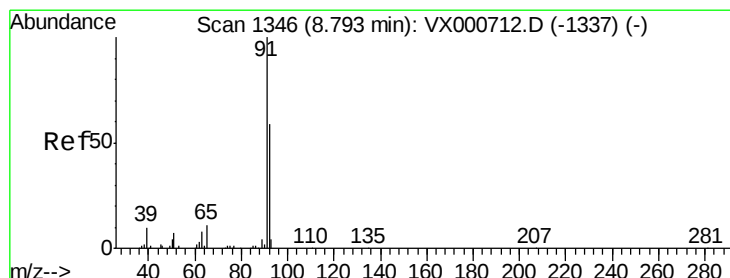
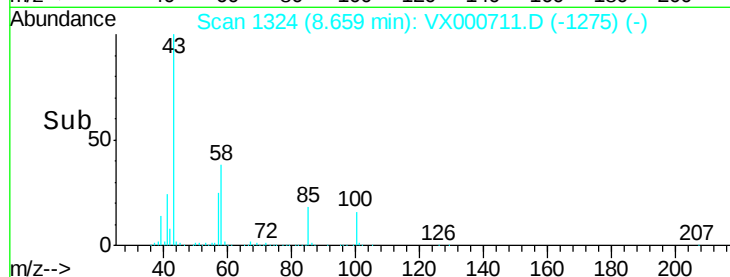
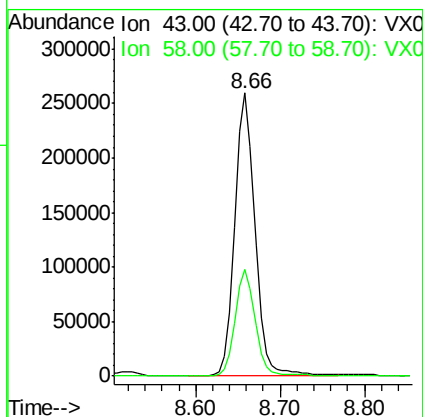
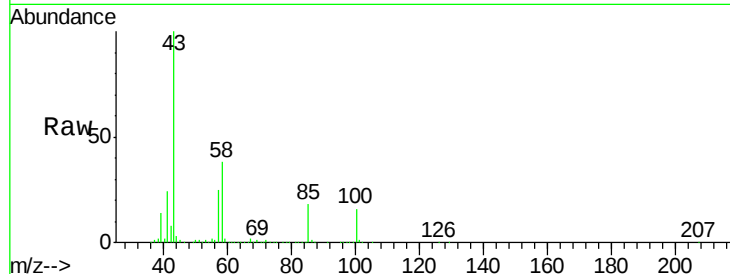




#51
 4-Methyl-2-Pentanone
 Concen: 99.38 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

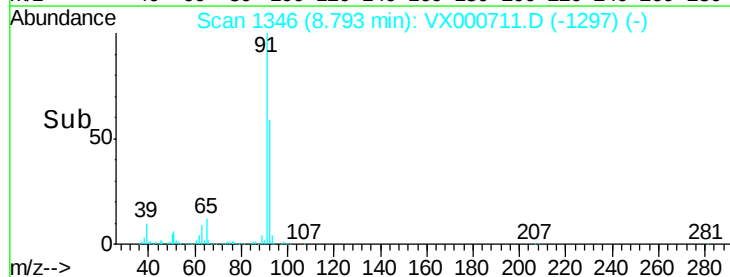
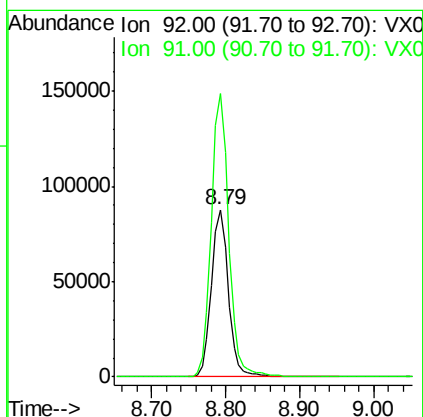
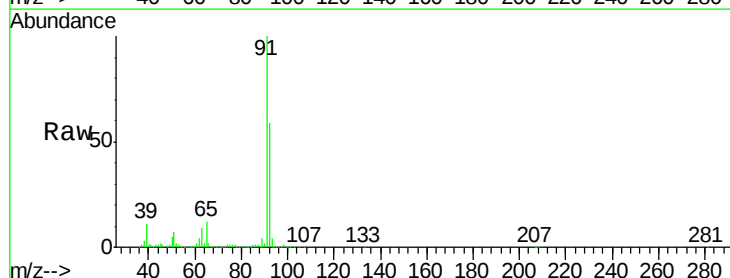
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

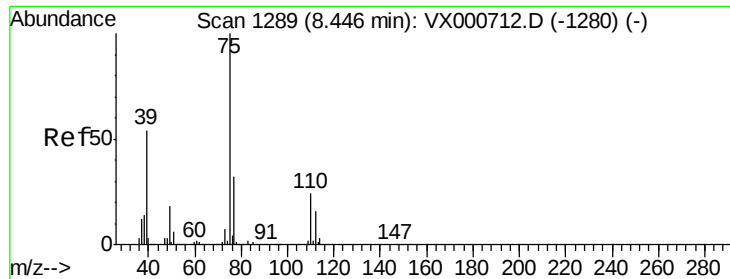
Tgt Ion: 43 Resp: 418092
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.6 46.0



#52
 Toluene
 Concen: 19.98 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion: 92 Resp: 138057
 Ion Ratio Lower Upper
 92 100
 91 173.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.38 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

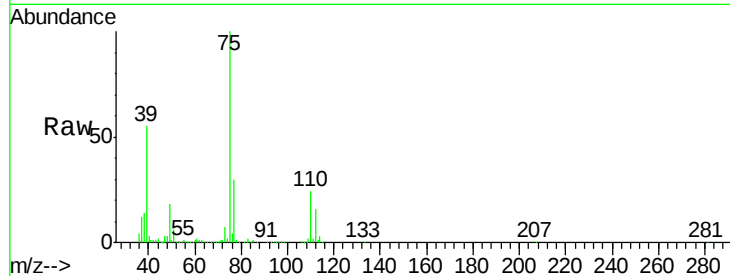
VSTDIC020

Tgt Ion: 75 Resp: 97659

Ion Ratio Lower Upper

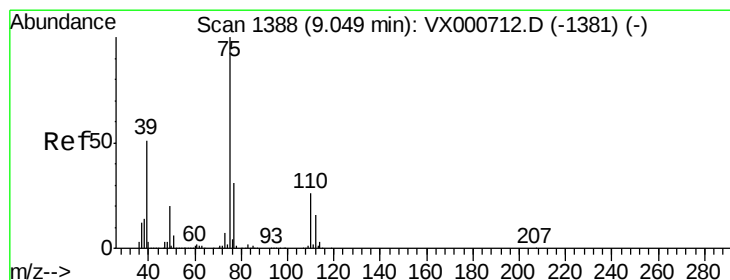
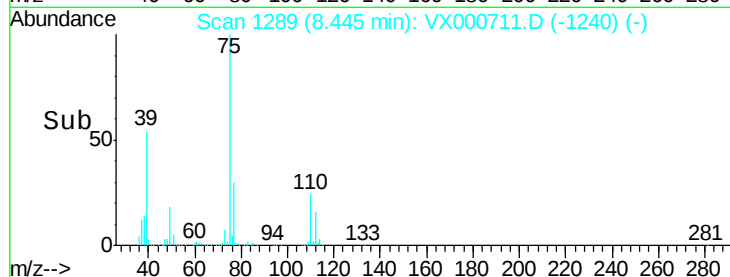
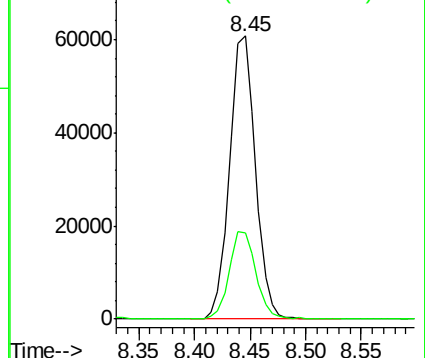
75 100

77 30.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

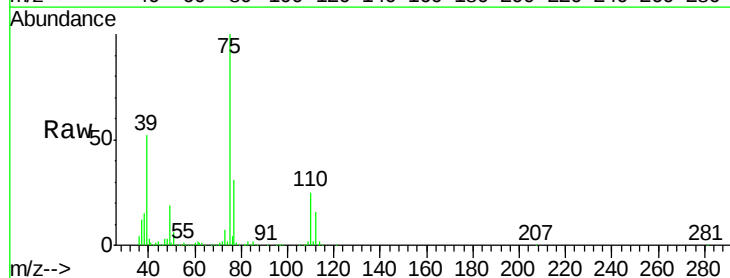
Tgt Ion: 75 Resp: 97377

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

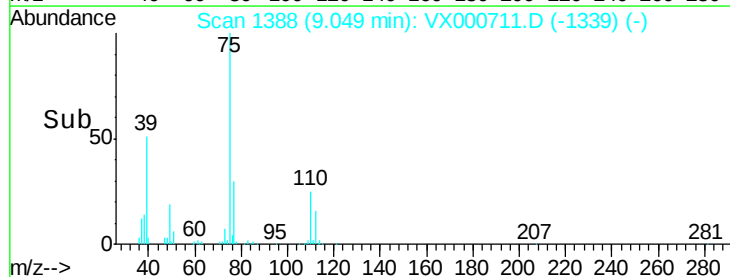
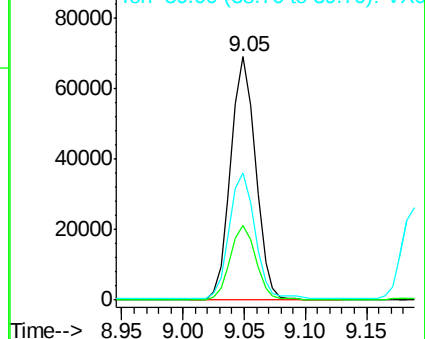
39 51.6 40.5 60.7

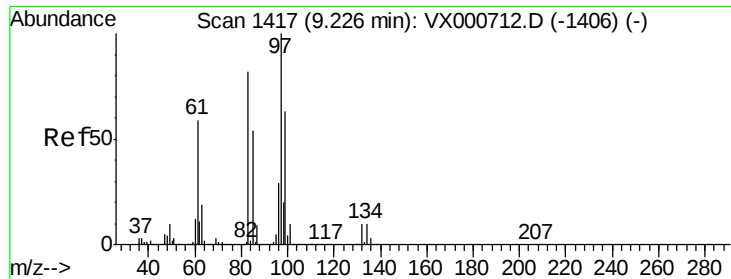


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.06 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 57294

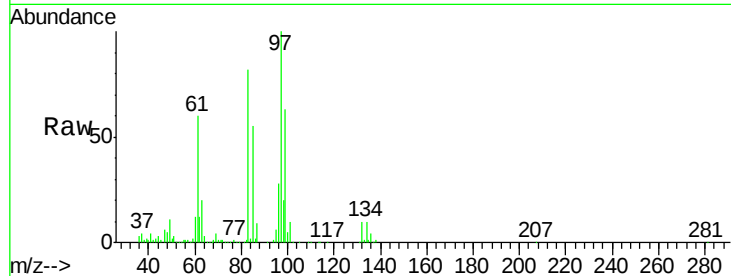
Ion Ratio Lower Upper

97 100

83 81.8 65.7 98.5

85 55.2 42.8 64.2

99 63.2 50.6 76.0

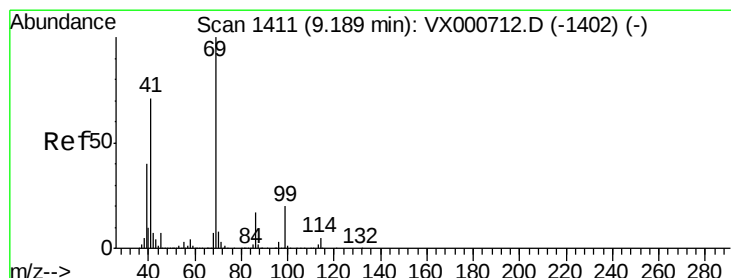
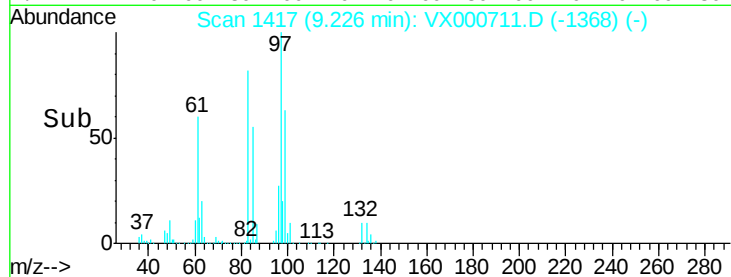
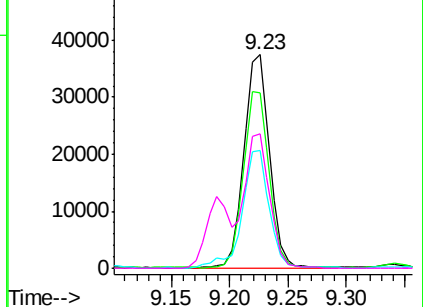


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.96 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

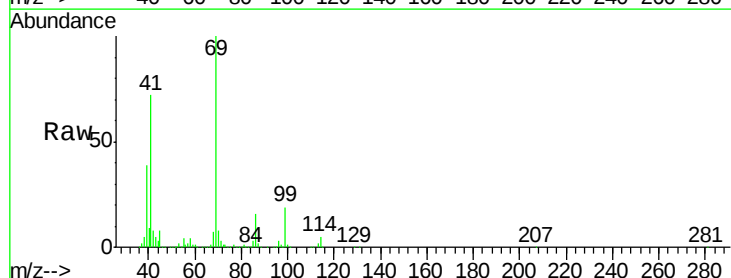
Tgt Ion: 69 Resp: 92669

Ion Ratio Lower Upper

69 100

41 71.9 56.4 84.6

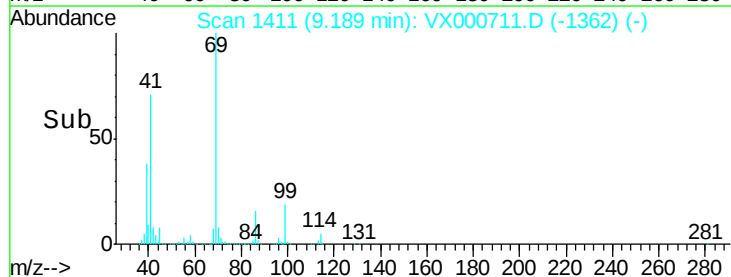
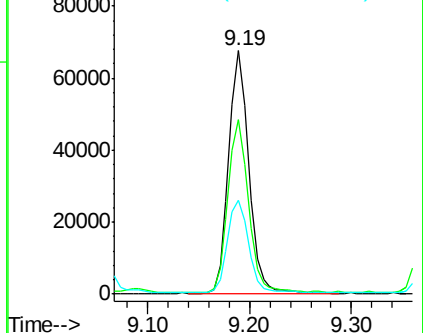
39 39.9 31.4 47.2

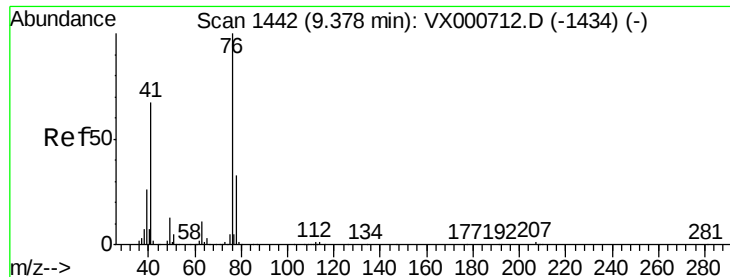


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.68 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

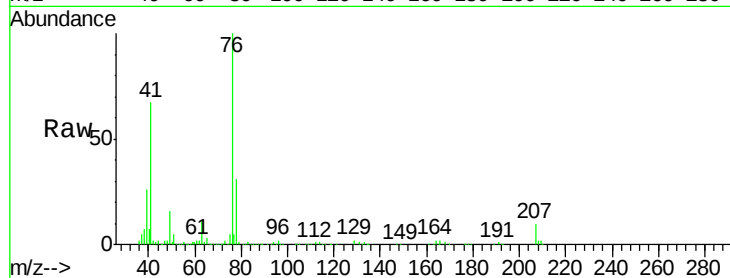
VSTDIC020

Tgt Ion: 76 Resp: 94943

Ion Ratio Lower Upper

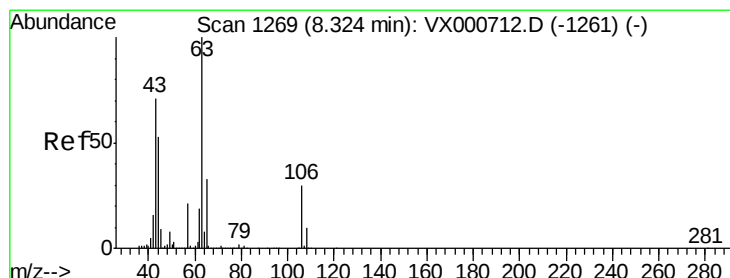
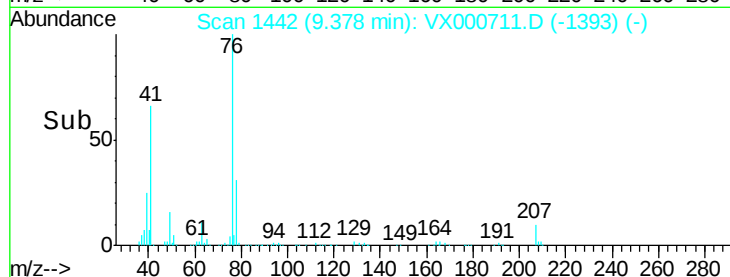
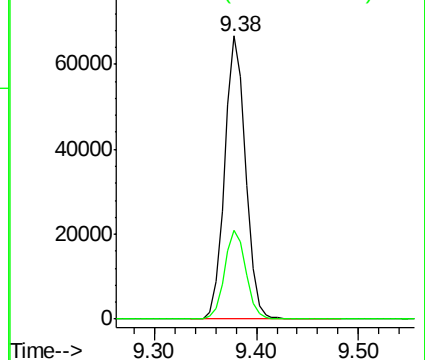
76 100

78 32.0 26.2 39.2



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: 116.59 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000711.D

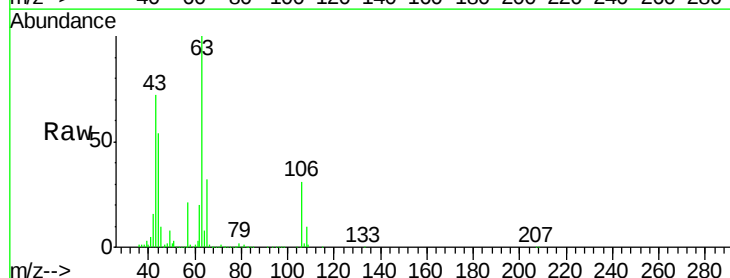
Acq: 07 Apr 2018 12:14

Tgt Ion: 63 Resp: 229250

Ion Ratio Lower Upper

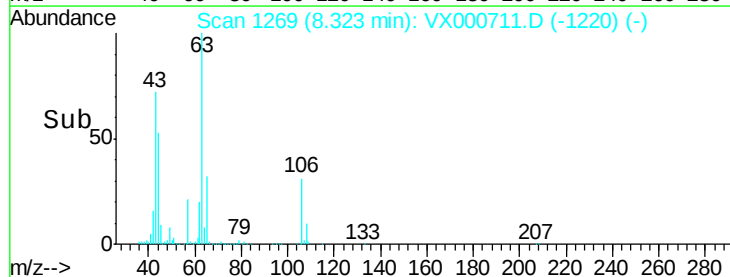
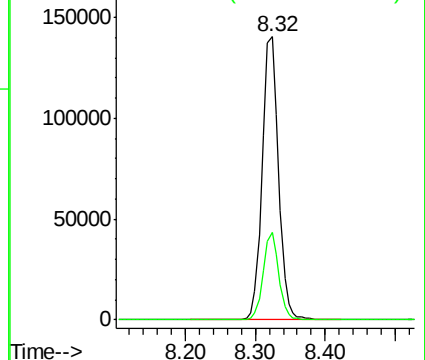
63 100

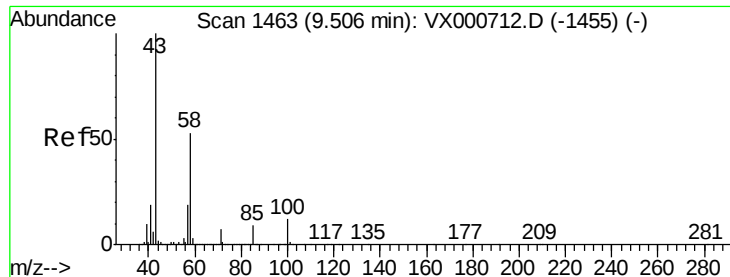
106 29.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

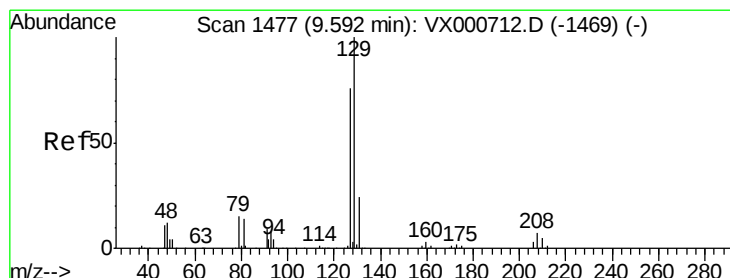
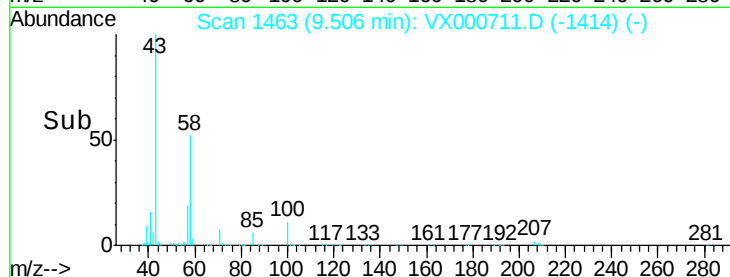
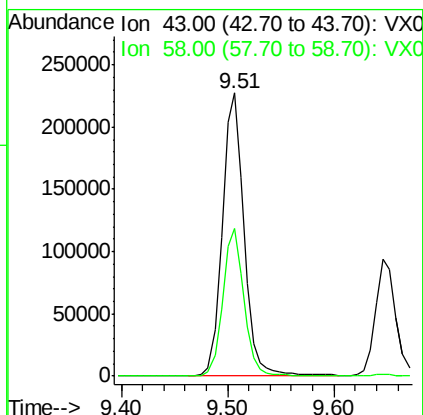
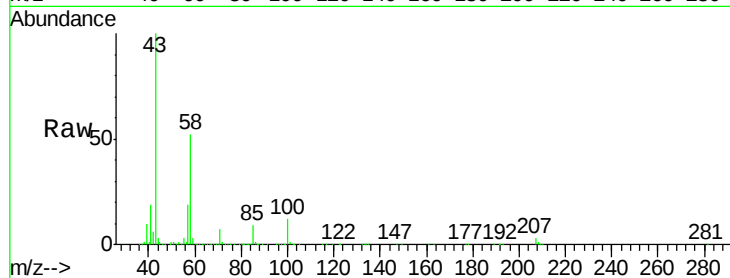




#59
2-Hexanone
Concen: 98.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

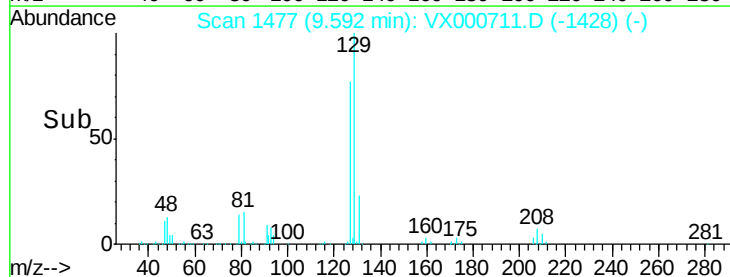
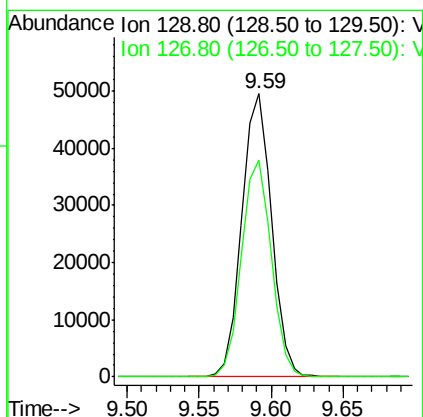
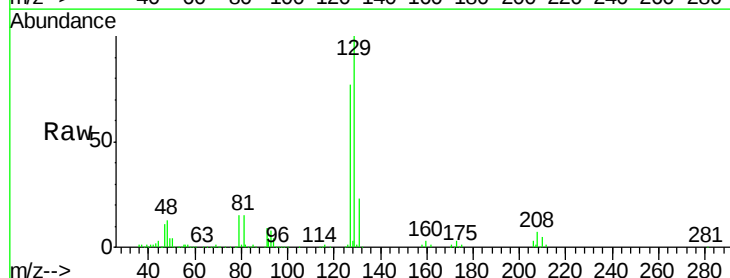
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

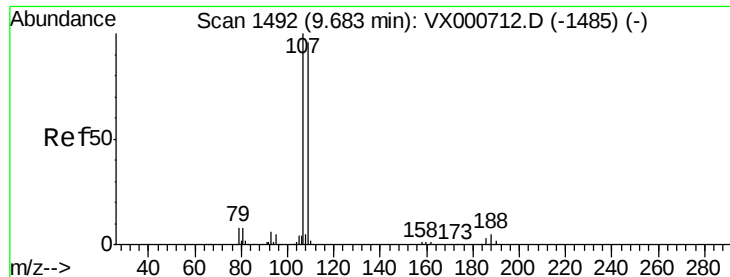
Tgt Ion: 43 Resp: 319231
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 19.77 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 129 Resp: 70947
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

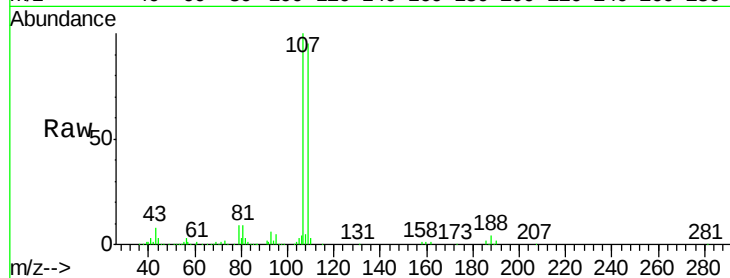
VSTDIC020

Tgt Ion: 107 Resp: 61155

Ion Ratio Lower Upper

107 100

109 93.9 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

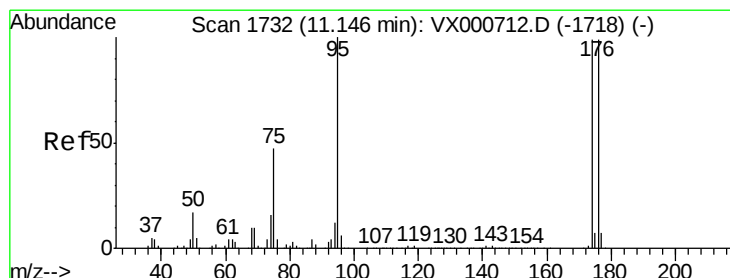
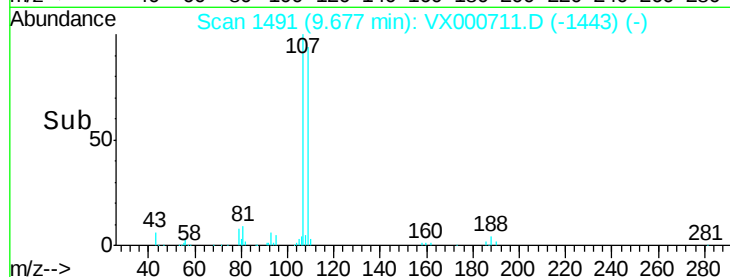
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 20.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

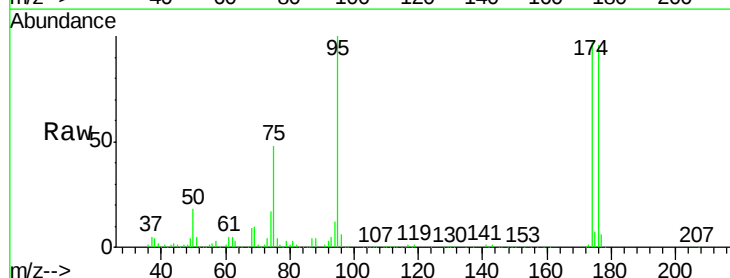
Tgt Ion: 95 Resp: 88583

Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.6

176 92.1 0.0 187.0



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

11.15

80000

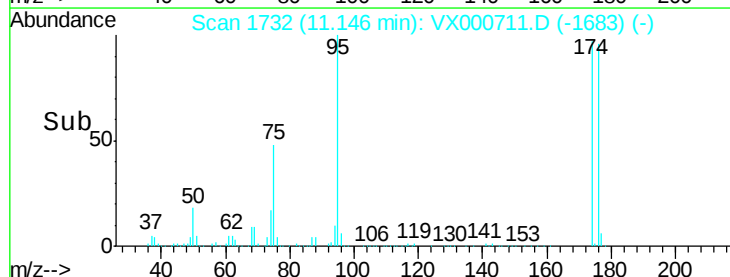
60000

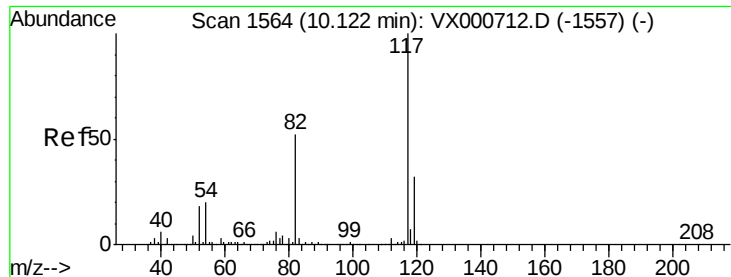
40000

20000

0

Time-->

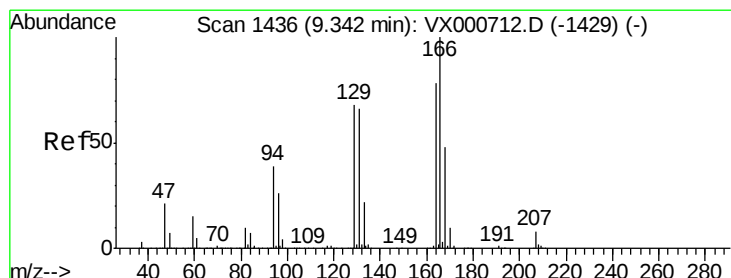
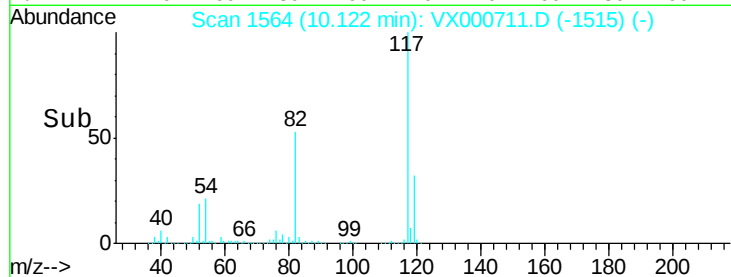
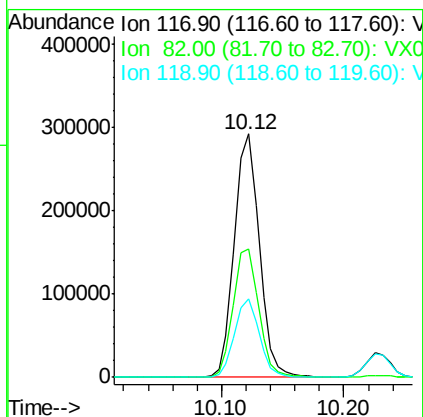
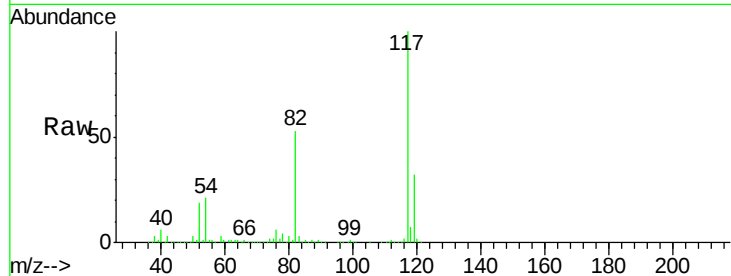




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

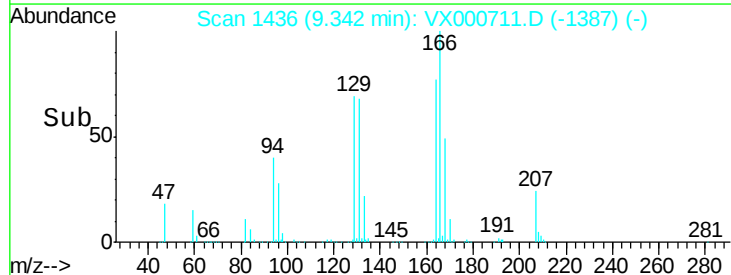
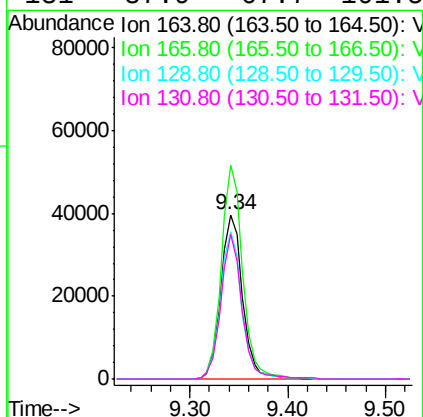
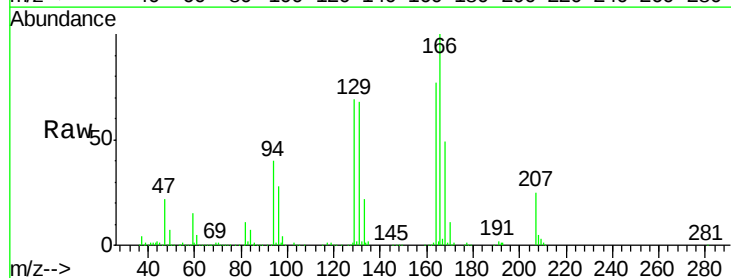
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

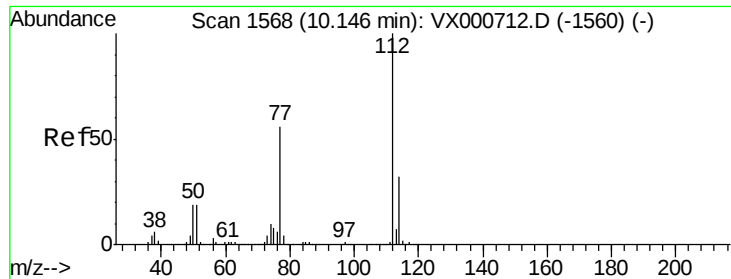
Tgt Ion:117 Resp: 413923
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 19.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion:164 Resp: 61229
Ion Ratio Lower Upper
164 100
166 130.1 102.4 153.6
129 89.7 69.3 103.9
131 87.9 67.7 101.5

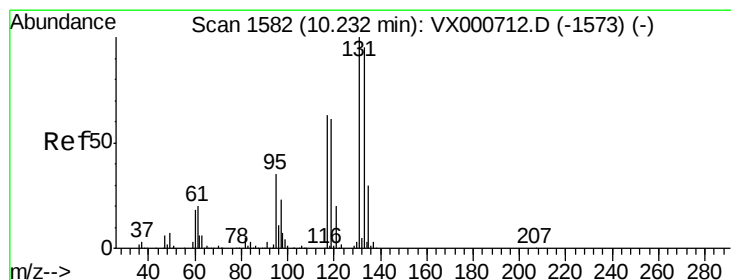
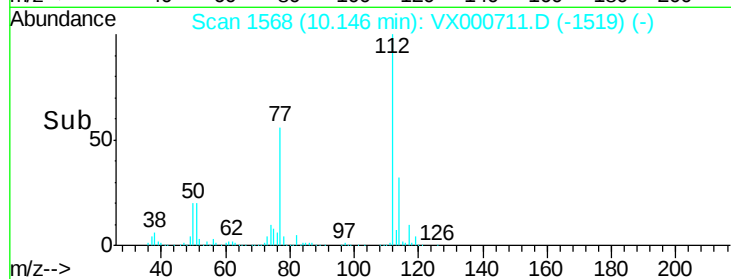
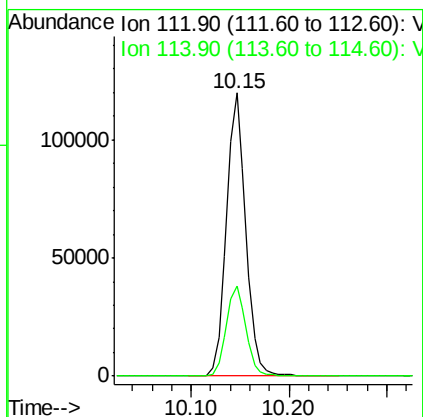
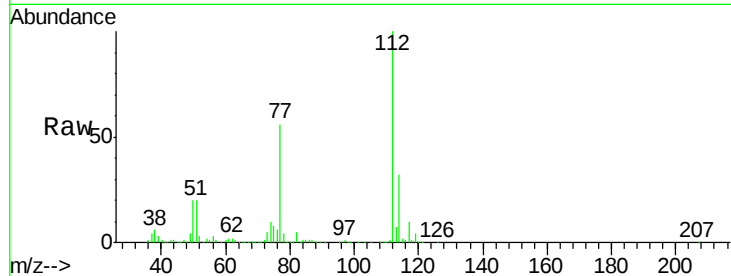




#65
Chlorobenzene
Concen: 20.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

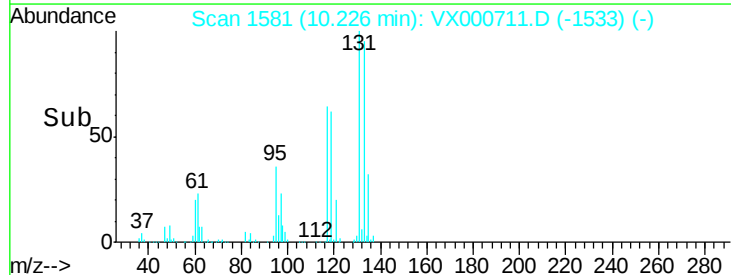
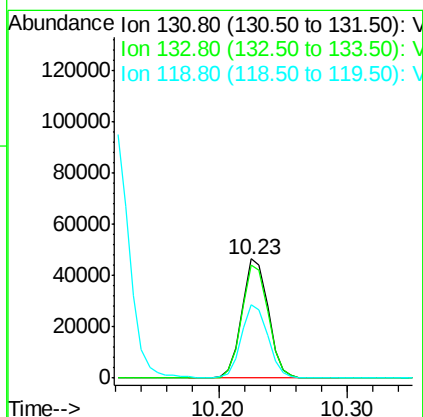
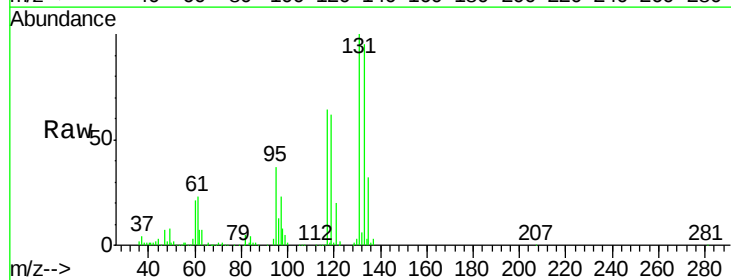
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

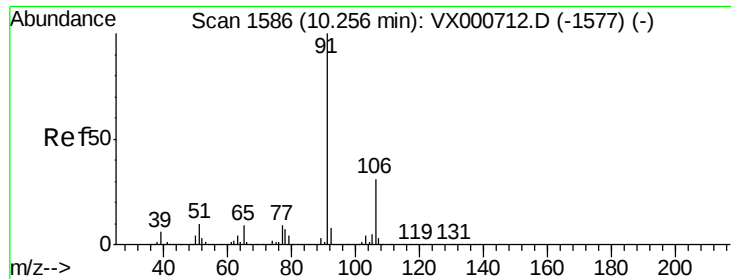
Tgt Ion:112 Resp: 164095
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.34 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion:131 Resp: 65528
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 62.5 31.5 94.5

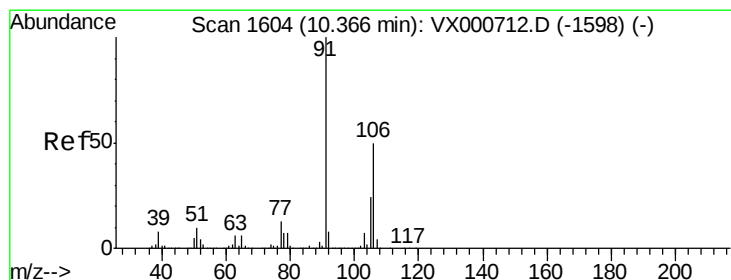
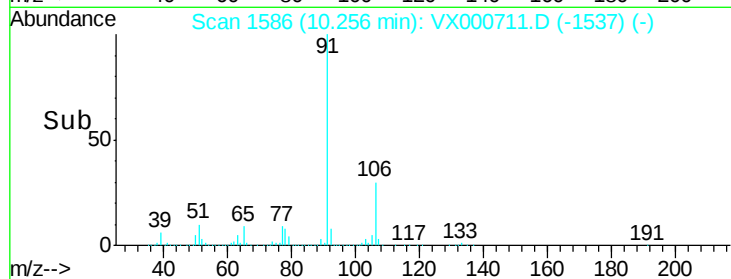
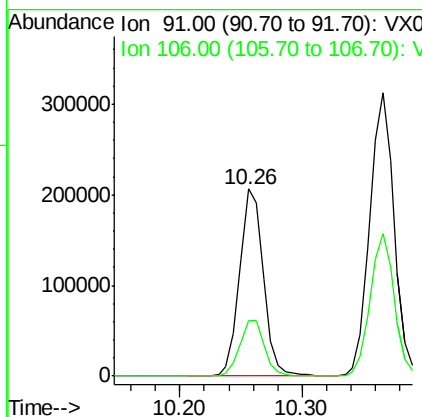
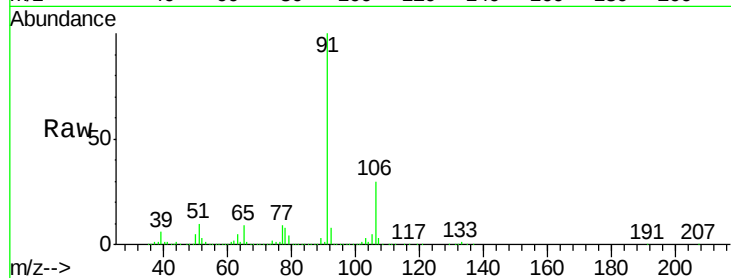




#67
Ethyl Benzene
Concen: 20.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

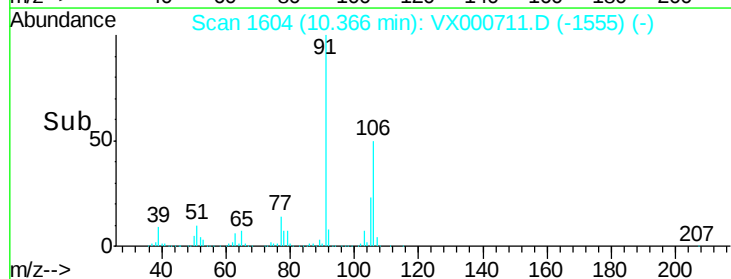
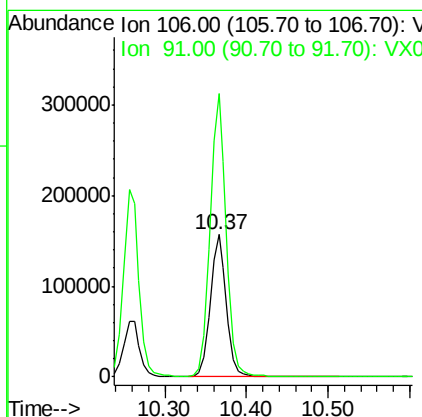
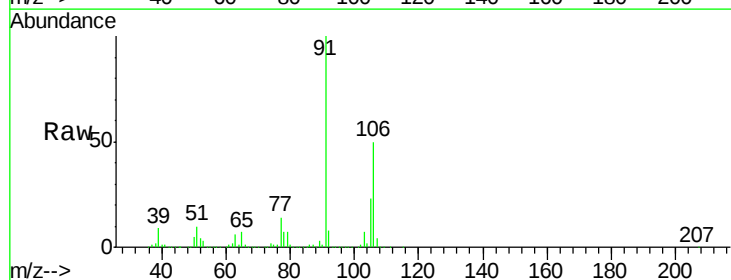
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

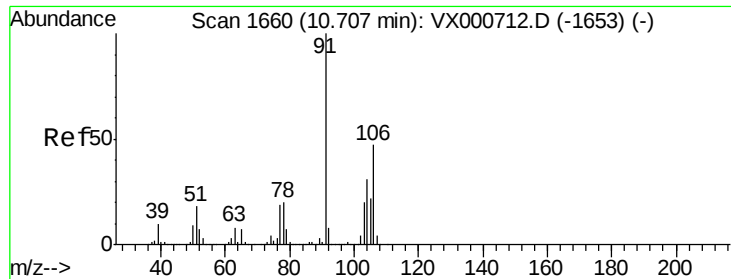
Tgt Ion: 91 Resp: 276989
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7



#68
m/p-Xylenes
Concen: 40.29 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion: 106 Resp: 216453
Ion Ratio Lower Upper
106 100
91 200.5 159.7 239.5

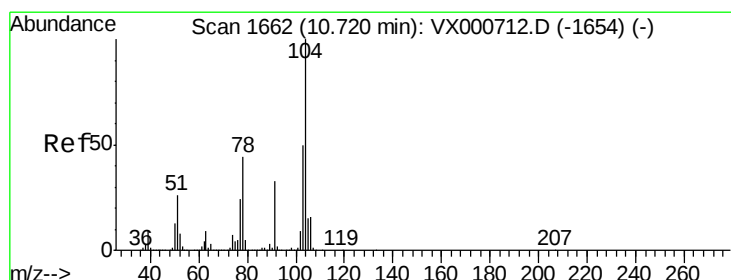
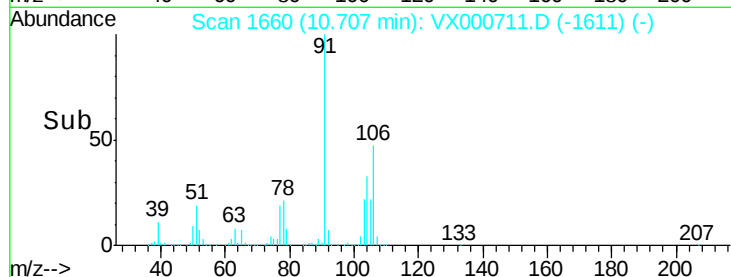
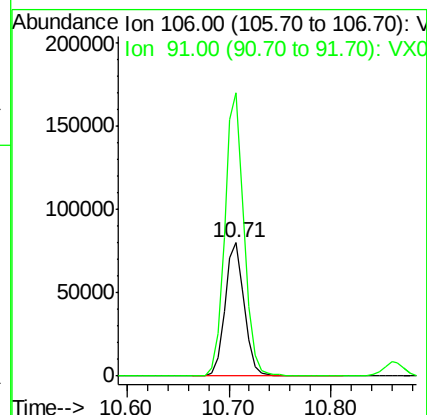
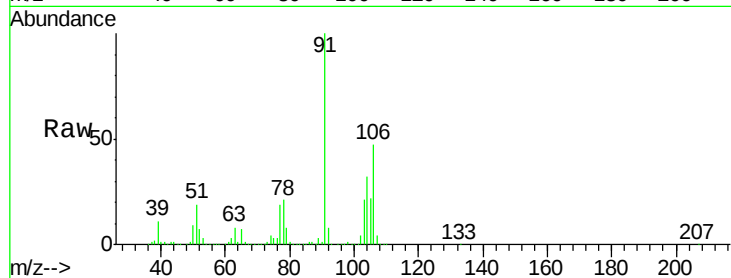




#69
o-Xylene
Concen: 20.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

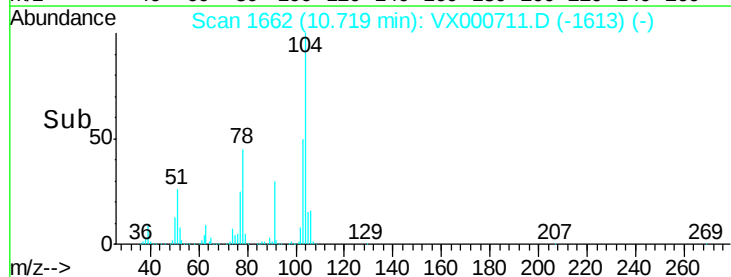
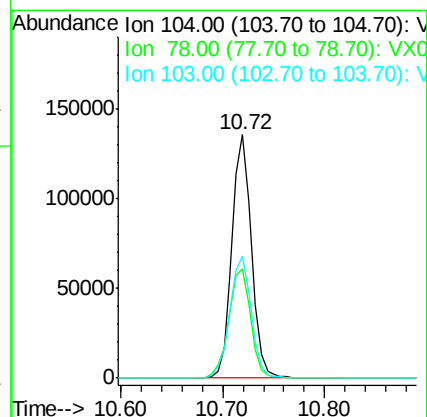
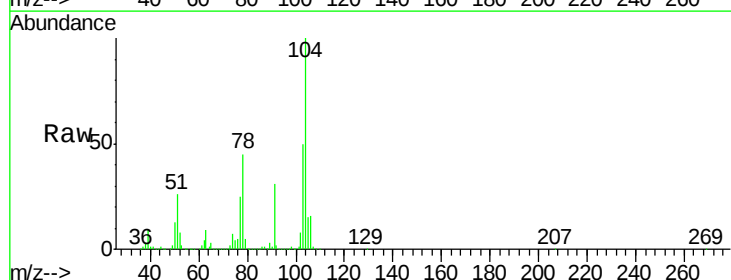
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

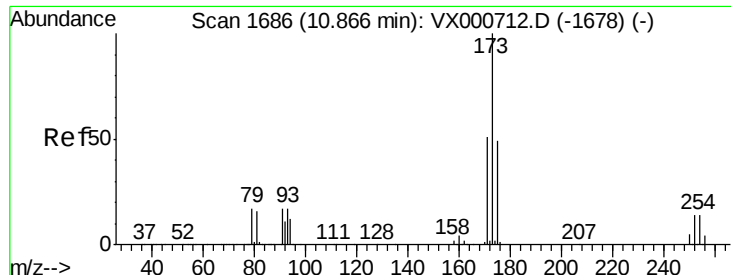
Tgt Ion:106 Resp: 105867
Ion Ratio Lower Upper
106 100
91 210.5 106.1 318.3



#70
Styrene
Concen: 19.90 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion:104 Resp: 179418
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.6
103 55.2 44.1 66.1

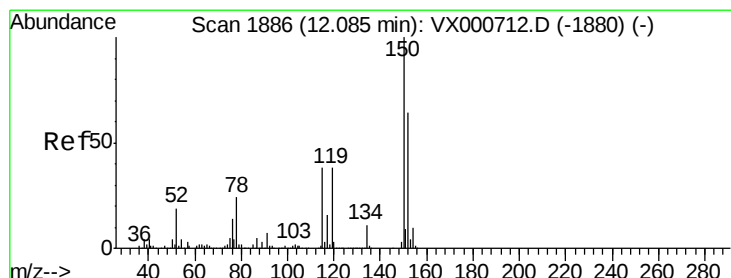
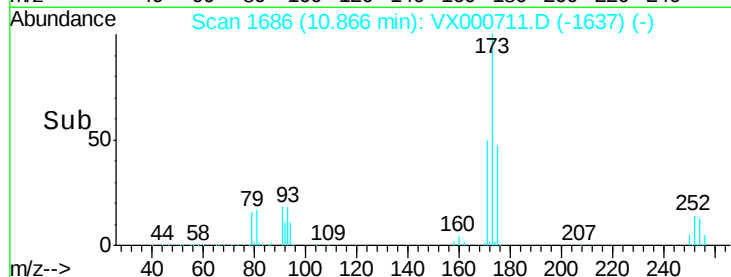
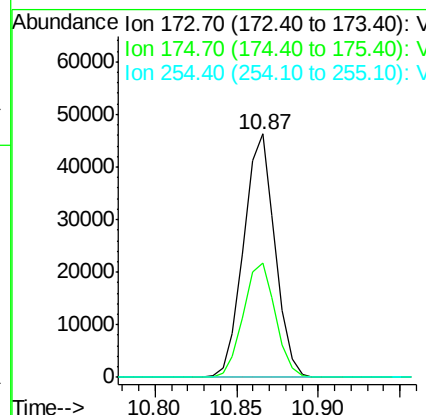
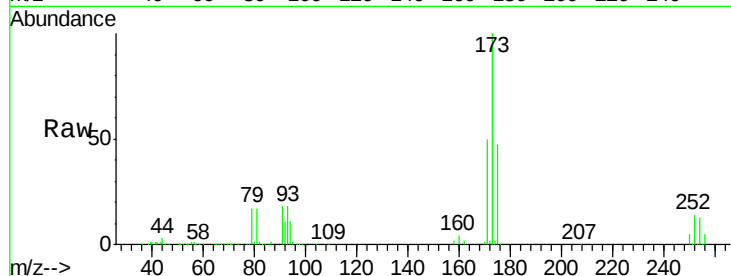




#71
Bromoform
Concen: 19.58 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

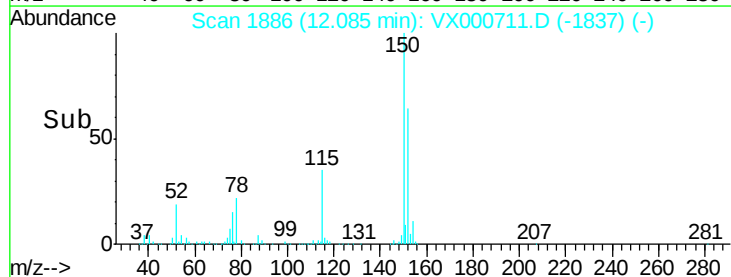
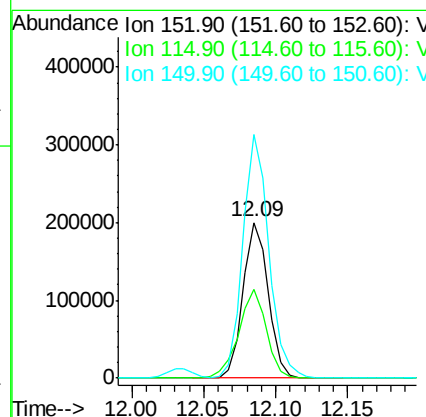
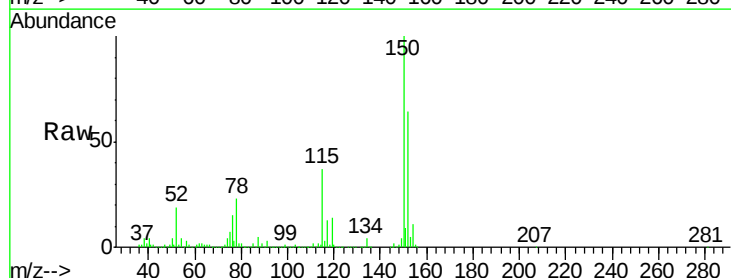
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

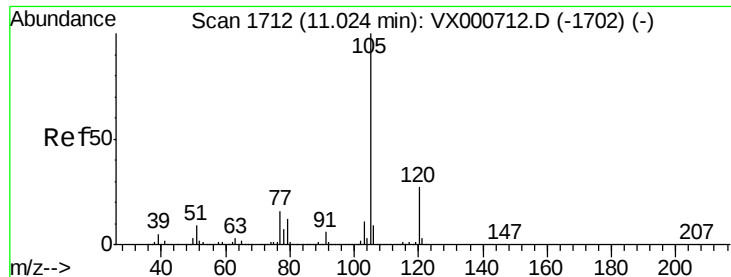
Tgt Ion:173 Resp: 61851
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000711.D
Acq: 07 Apr 2018 12:14

Tgt Ion:152 Resp: 243278
Ion Ratio Lower Upper
152 100
115 62.9 37.7 113.1
150 162.0 0.0 345.0





#73

Isopropylbenzene

Concen: 20.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

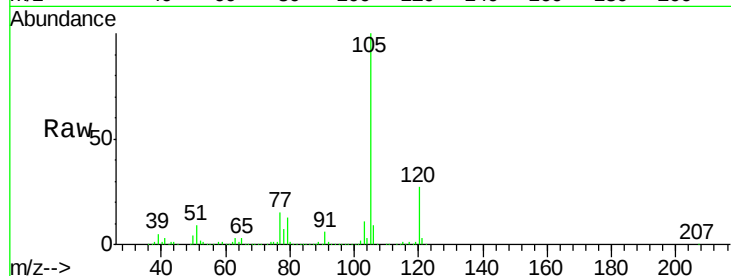
VSTDIC020

Tgt Ion: 105 Resp: 285165

Ion Ratio Lower Upper

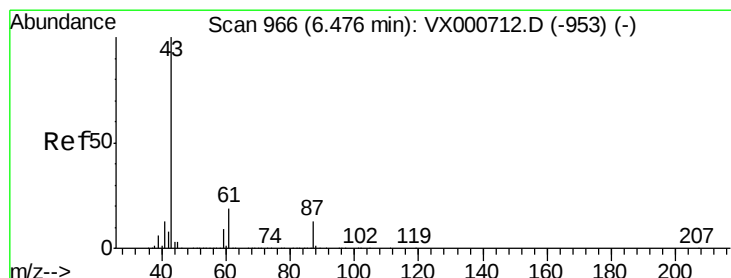
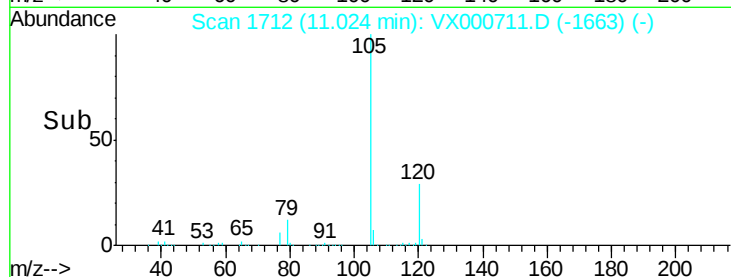
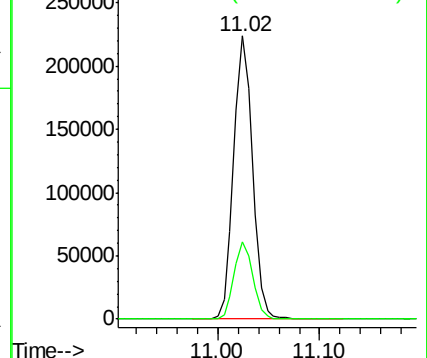
105 100

120 27.4 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.54 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Tgt Ion: 43 Resp: 143281

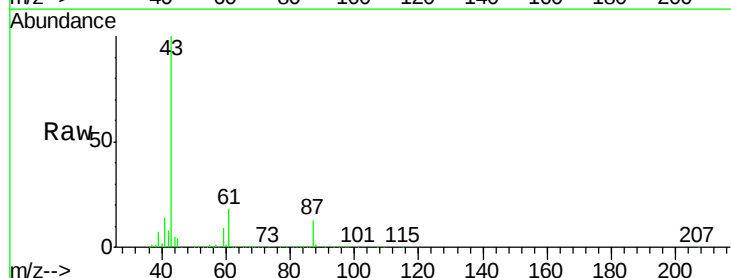
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 19.0 15.4 23.0

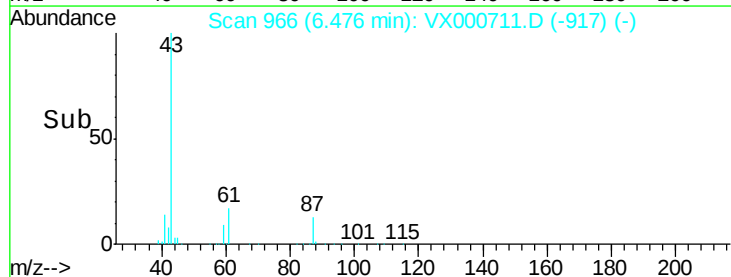
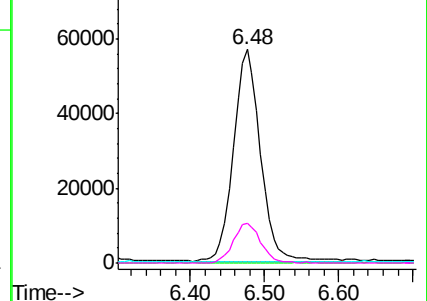


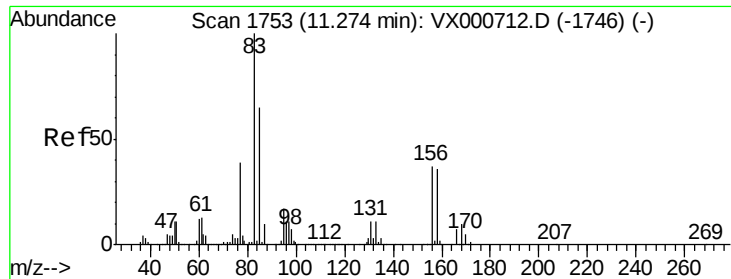
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

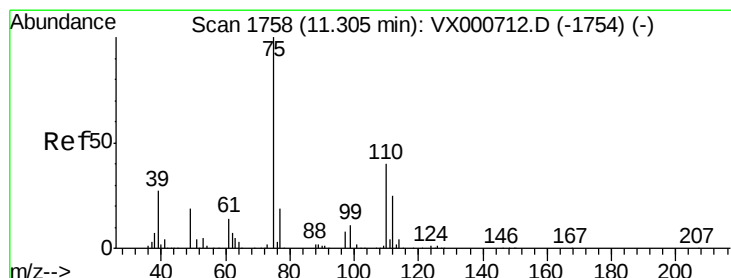
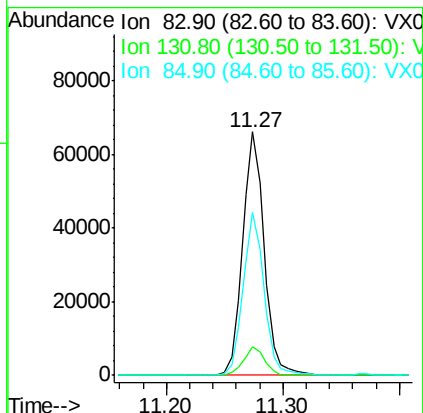
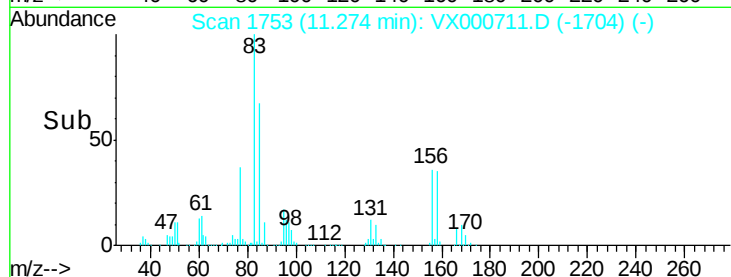
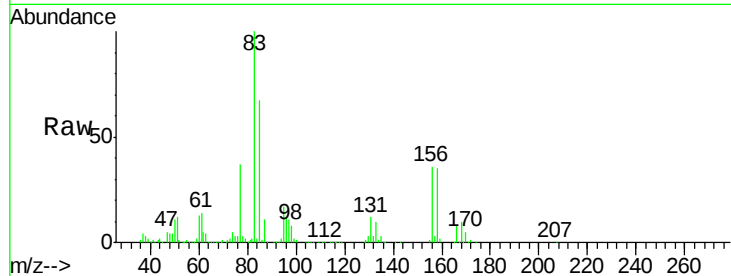
Tgt Ion: 83 Resp: 84891

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

85 66.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.22 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000711.D

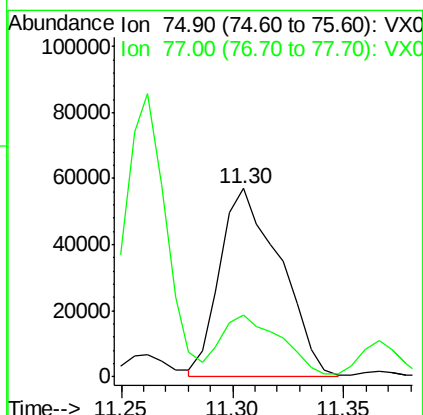
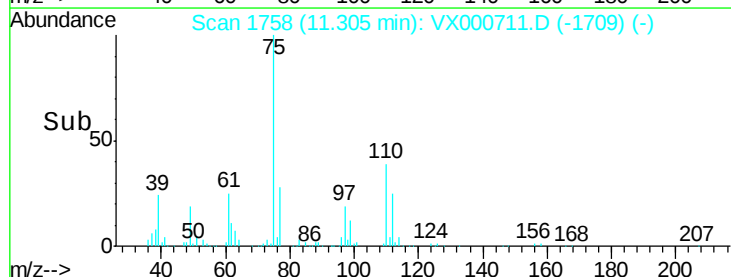
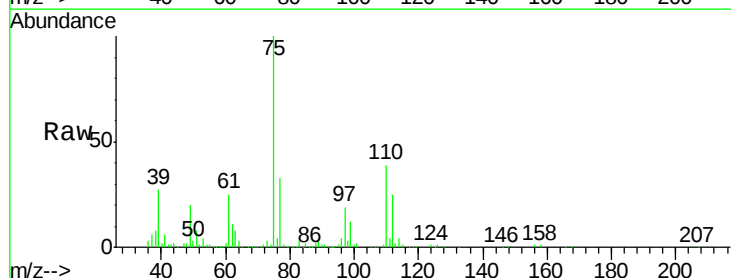
Acq: 07 Apr 2018 12:14

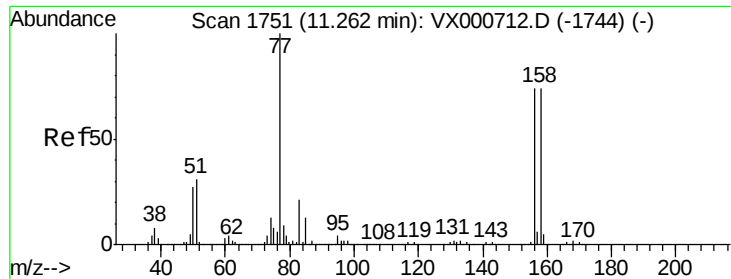
Tgt Ion: 75 Resp: 107655

Ion Ratio Lower Upper

75 100

77 32.7 21.3 63.7





#77

Bromobenzene

Concen: 20.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

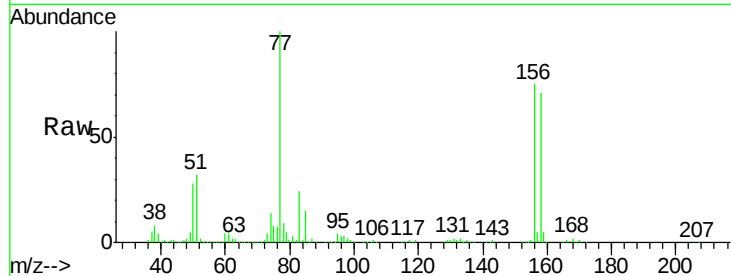
Tgt Ion:156 Resp: 81831

Ion Ratio Lower Upper

156 100

77 136.7 68.3 205.1

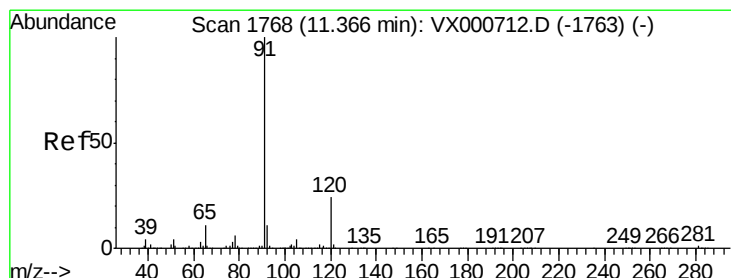
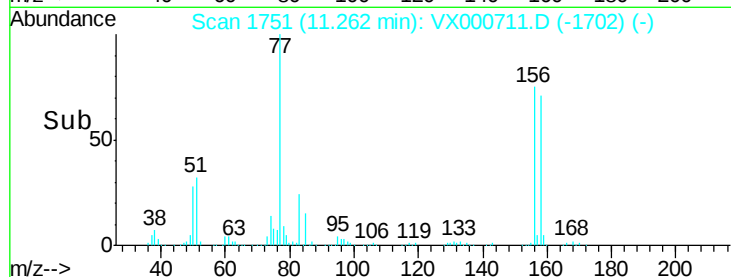
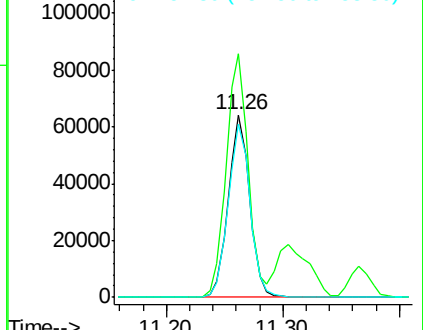
158 97.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000711.D

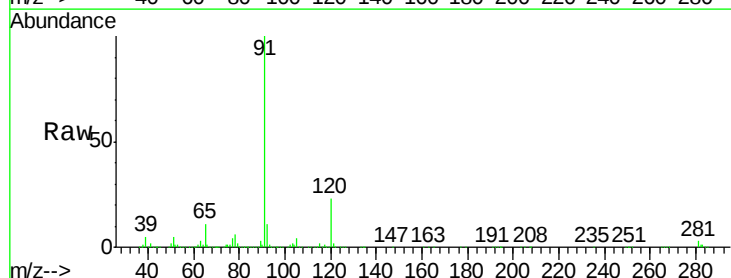
Acq: 07 Apr 2018 12:14

Tgt Ion: 91 Resp: 325381

Ion Ratio Lower Upper

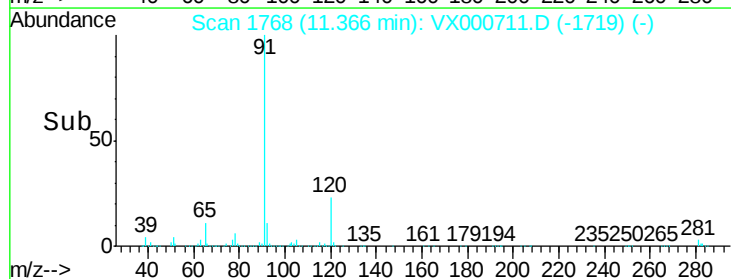
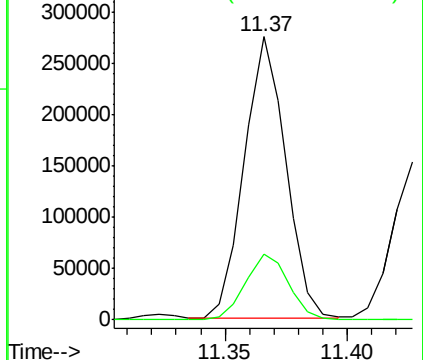
91 100

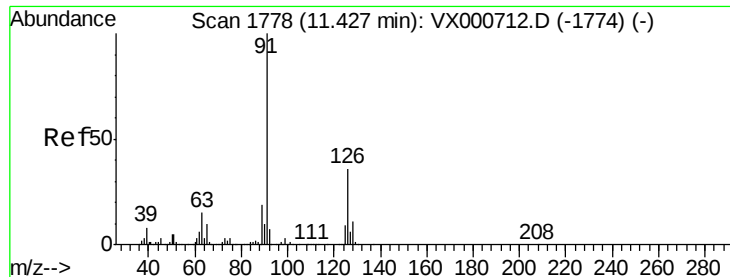
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

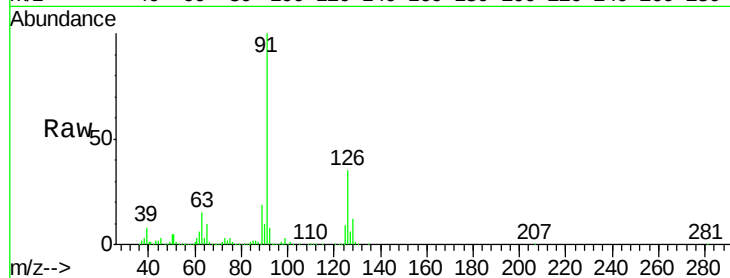
VSTDIC020

Tgt Ion: 91 Resp: 193190

Ion Ratio Lower Upper

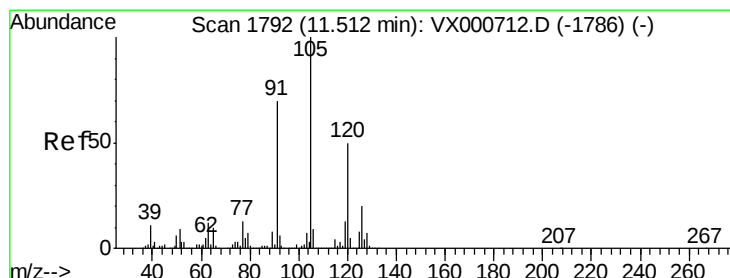
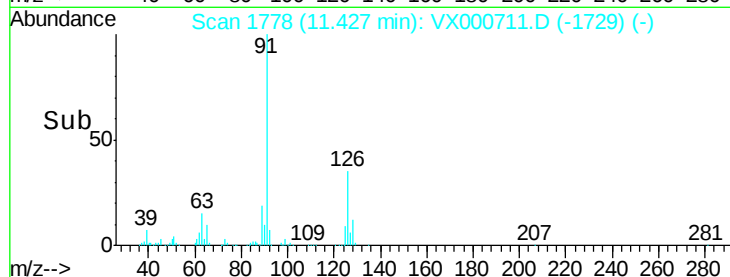
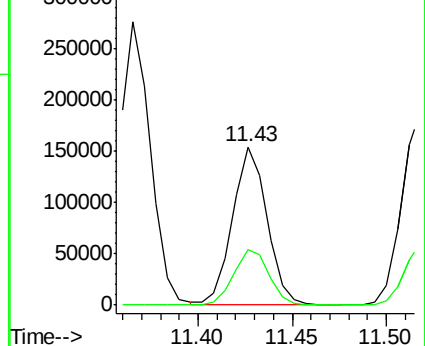
91 100

126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000711.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000711.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000711.D

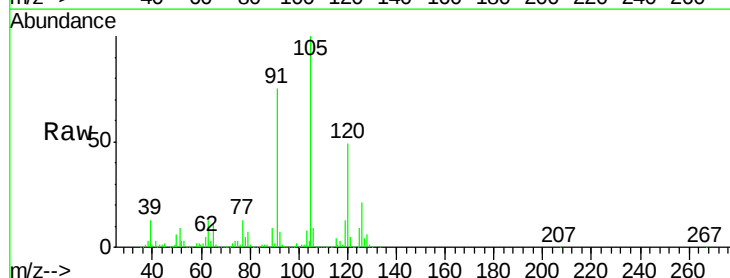
Acq: 07 Apr 2018 12:14

Tgt Ion: 105 Resp: 247343

Ion Ratio Lower Upper

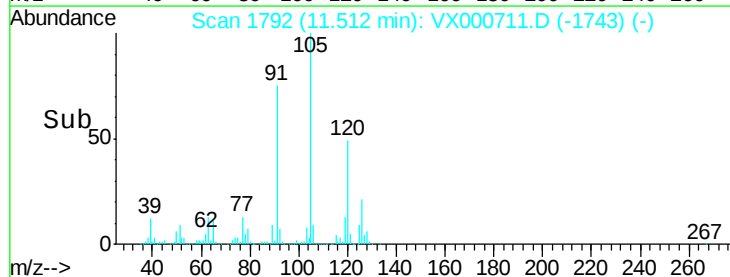
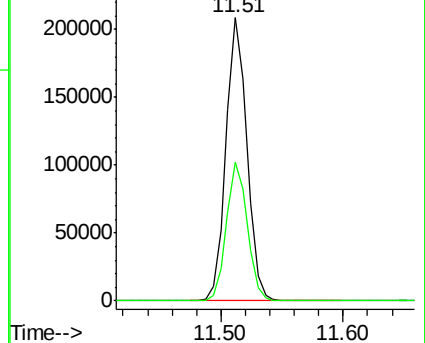
105 100

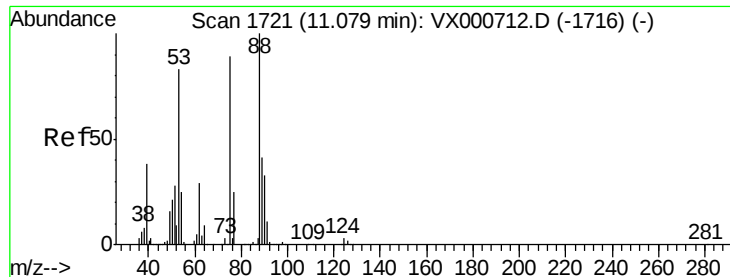
120 48.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000711.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000711.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.61 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

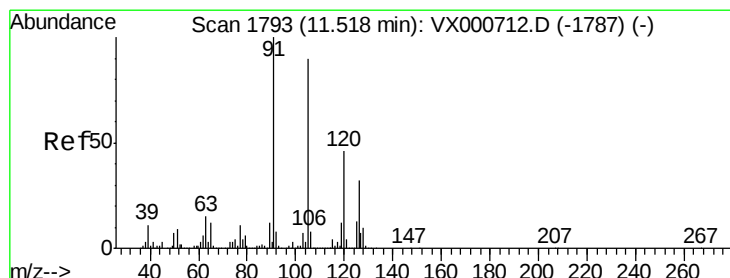
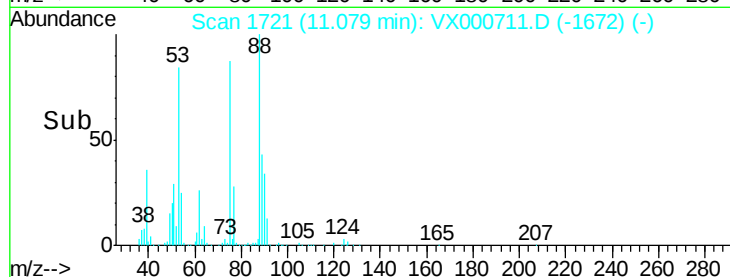
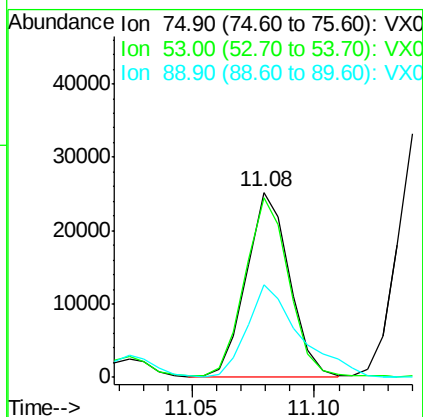
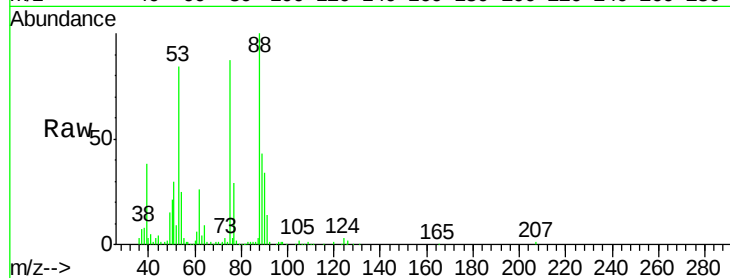
Tgt Ion: 75 Resp: 30923

Ion Ratio Lower Upper

75 100

53 98.7 74.2 111.2

89 61.1 46.6 69.8



#82

4-Chlorotoluene

Concen: 20.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000711.D

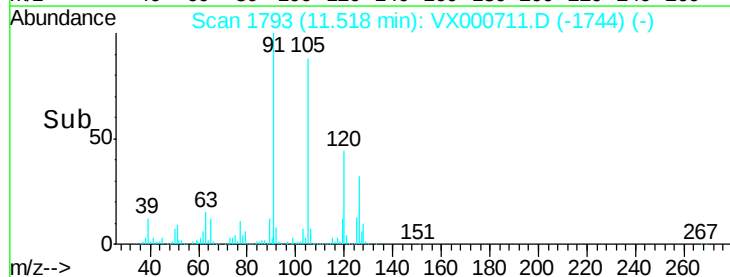
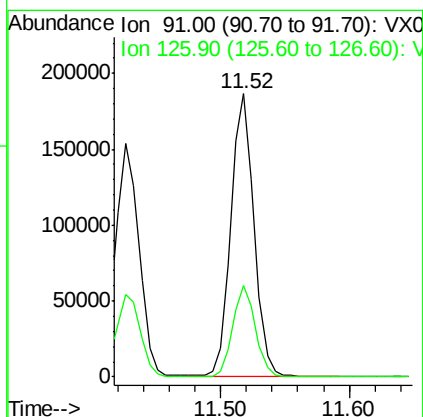
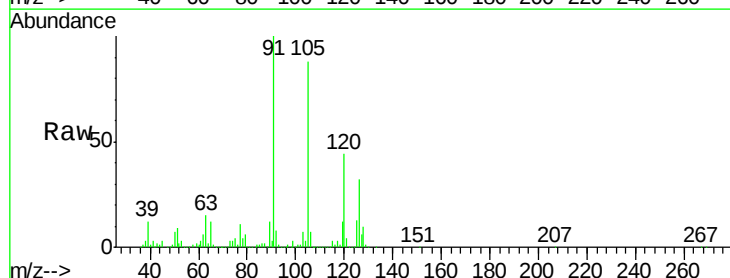
Acq: 07 Apr 2018 12:14

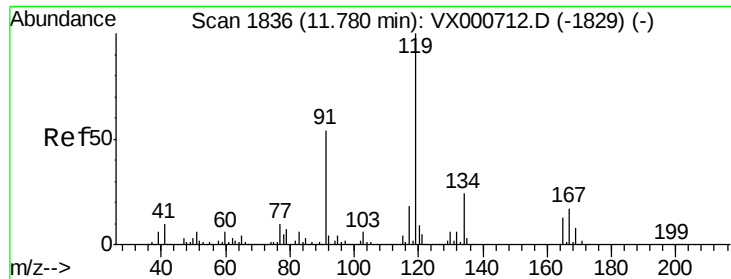
Tgt Ion: 91 Resp: 234783

Ion Ratio Lower Upper

91 100

126 31.5 16.0 48.0

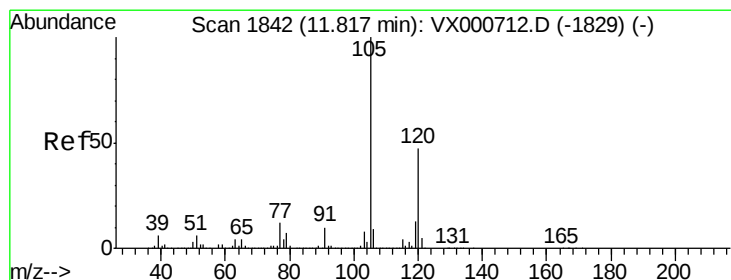
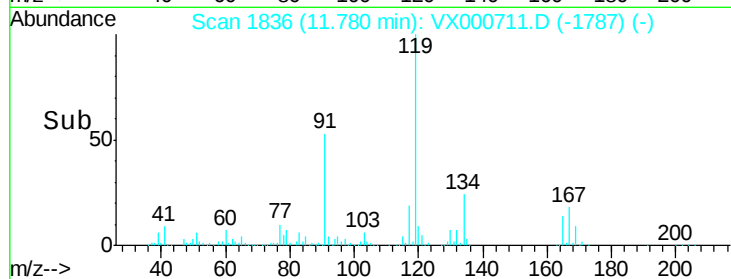
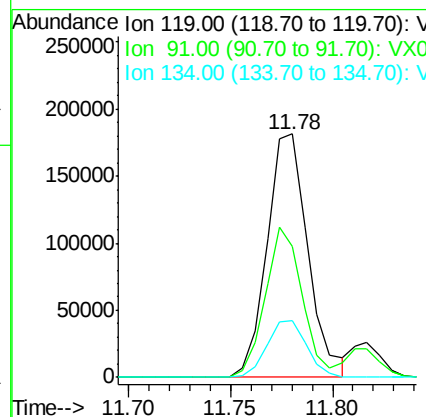
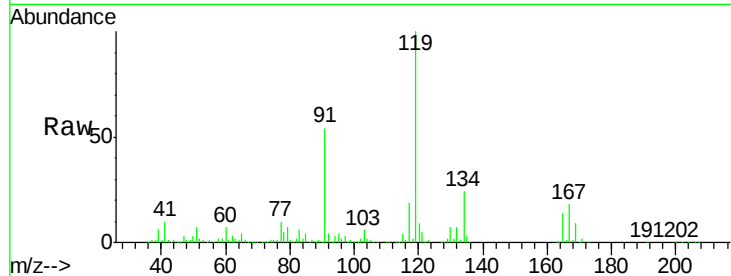




#83
 tert-Butylbenzene
 Concen: 20.22 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

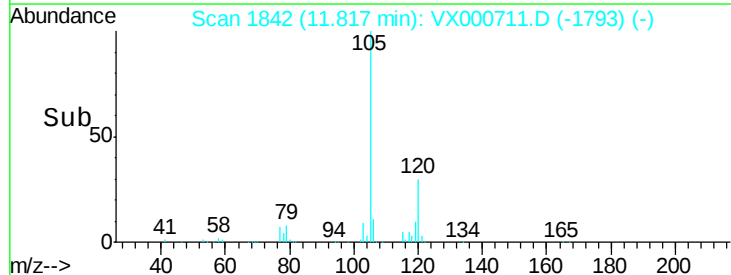
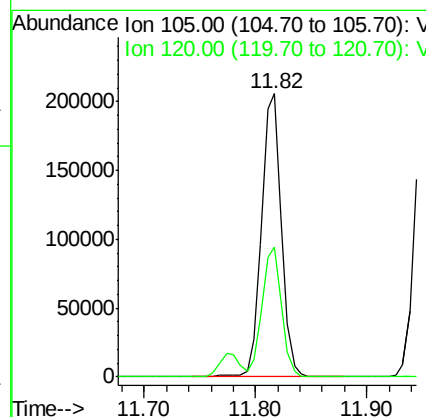
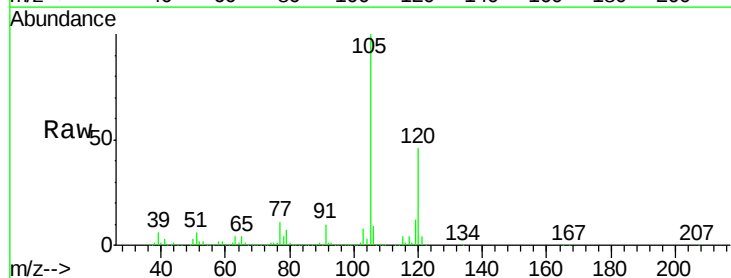
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

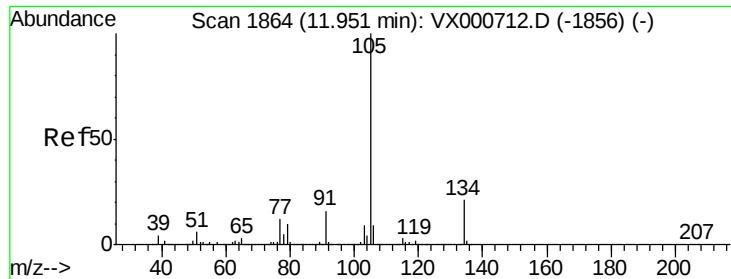
Tgt Ion:119 Resp: 254606
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.3 81.8
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.27 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion:105 Resp: 256272
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.5

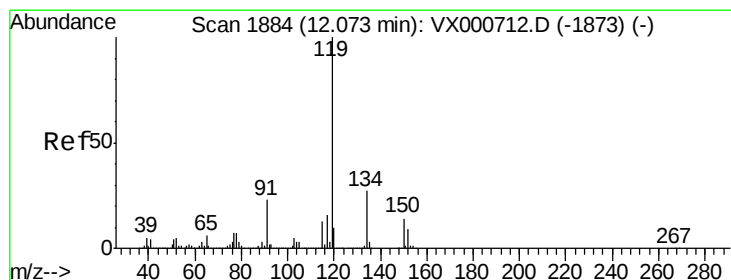
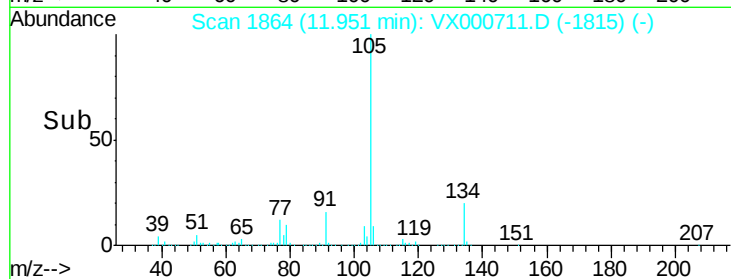
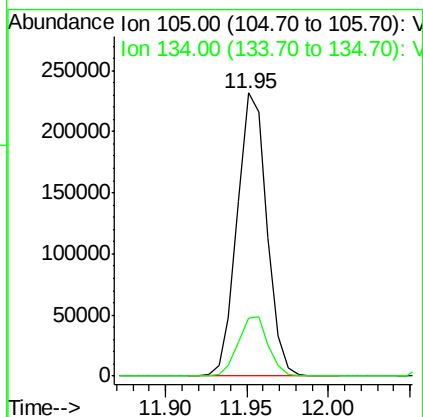
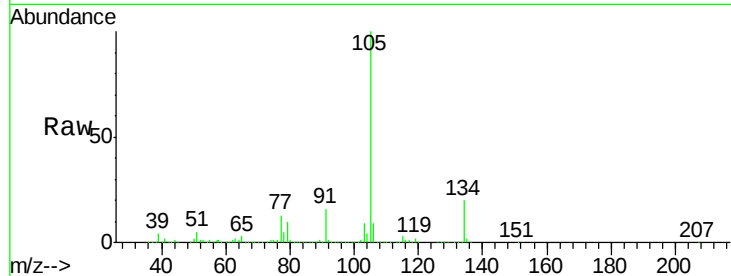




#85
 sec-Butylbenzene
 Concen: 19.93 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

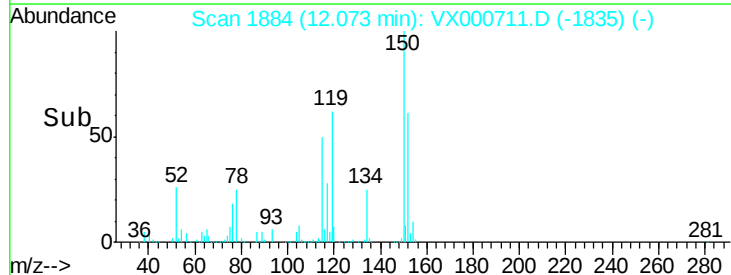
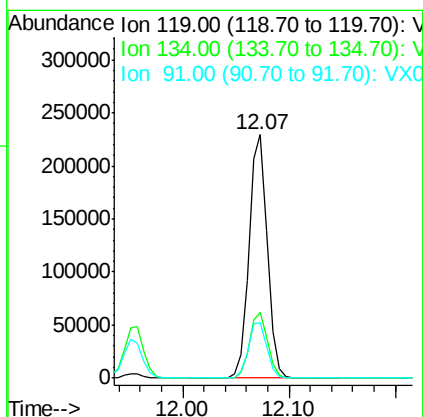
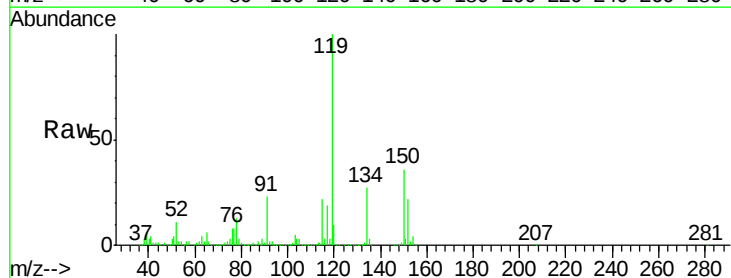
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

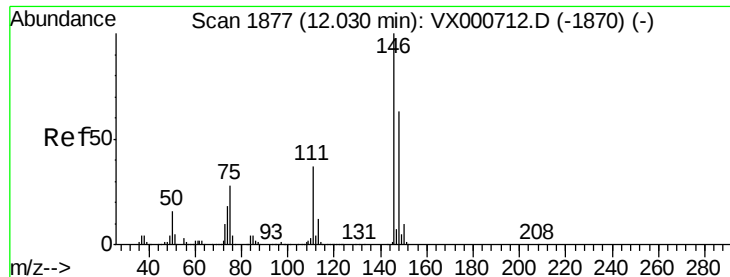
Tgt Ion:105 Resp: 294140
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.01 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion:119 Resp: 275213
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 23.4 11.5 34.4

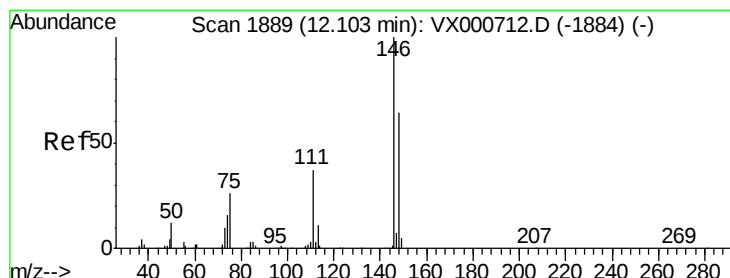
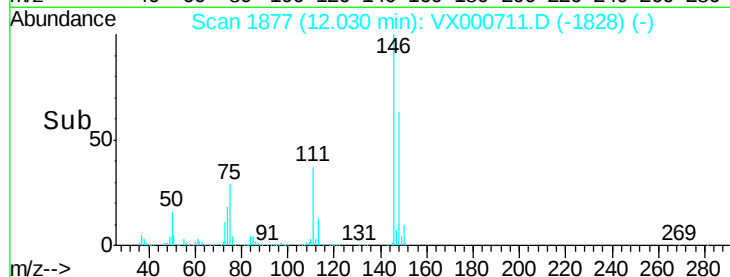
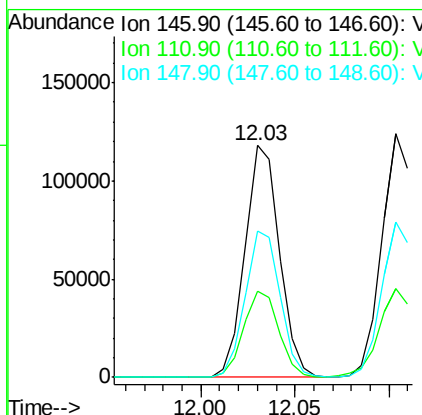
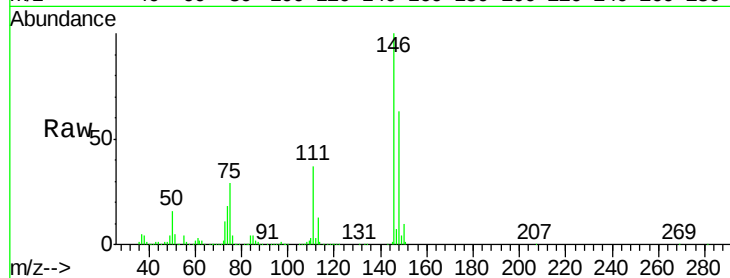




#87
 1,3-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

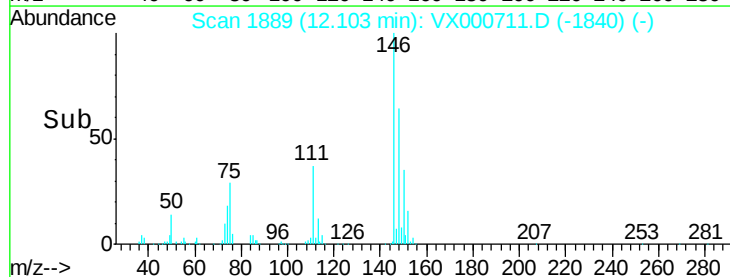
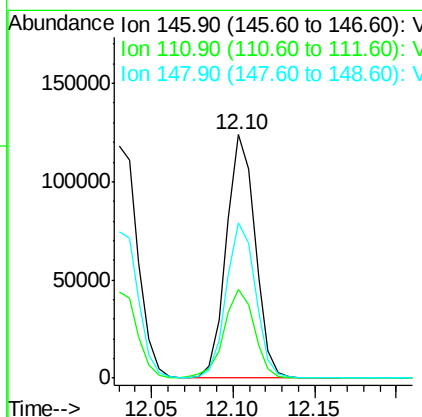
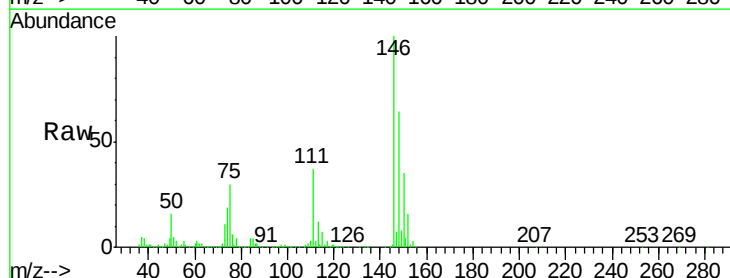
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

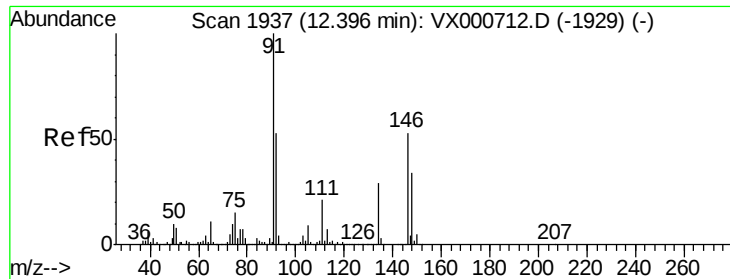
Tgt Ion:146 Resp: 150399
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion:146 Resp: 152520
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.2 54.6
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.99 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

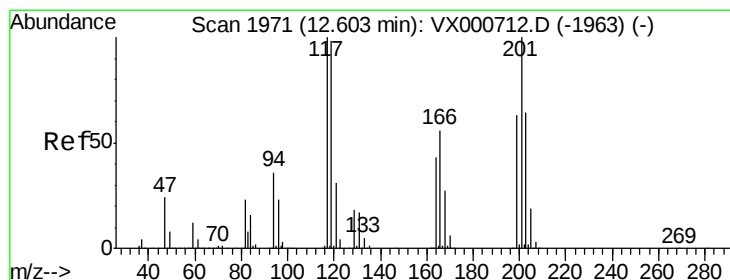
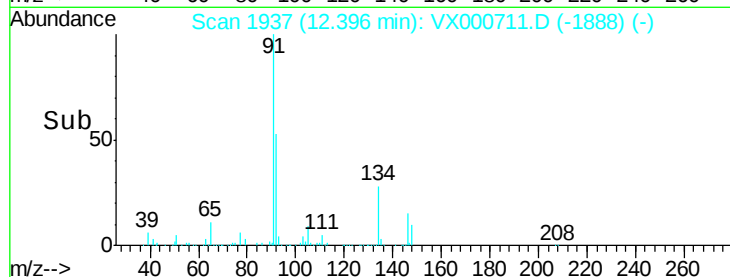
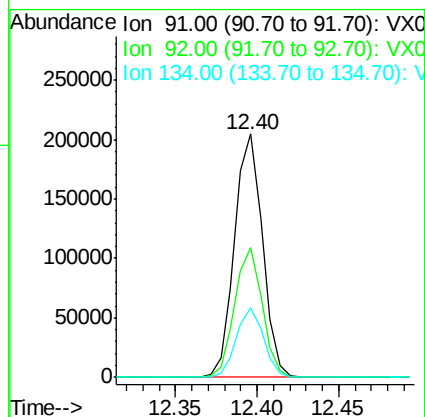
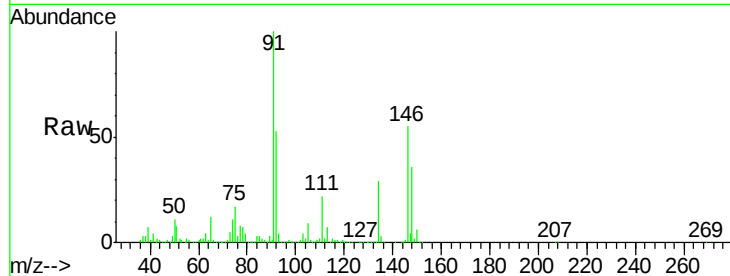
Tgt Ion: 91 Resp: 243595

Ion Ratio Lower Upper

91 100

92 52.7 26.7 80.0

134 28.0 14.4 43.0



#90

Hexachloroethane

Concen: 19.93 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000711.D

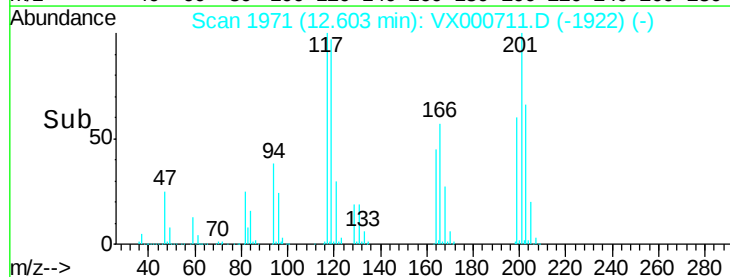
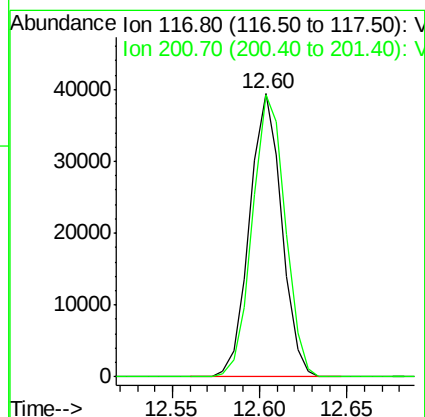
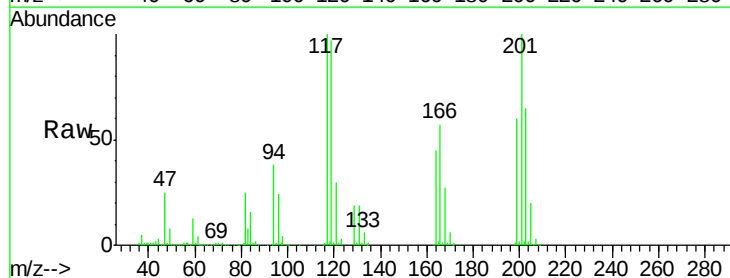
Acq: 07 Apr 2018 12:14

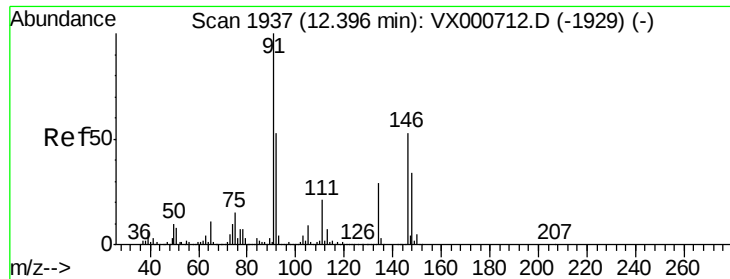
Tgt Ion: 117 Resp: 50157

Ion Ratio Lower Upper

117 100

201 101.9 51.2 153.6

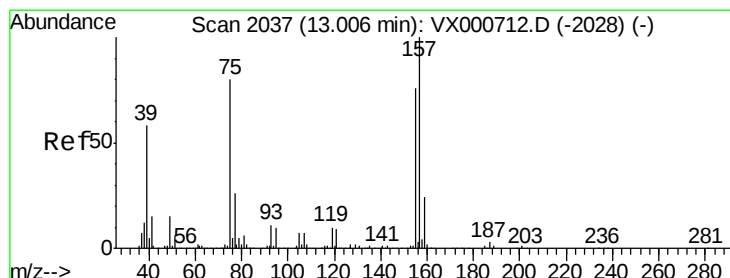
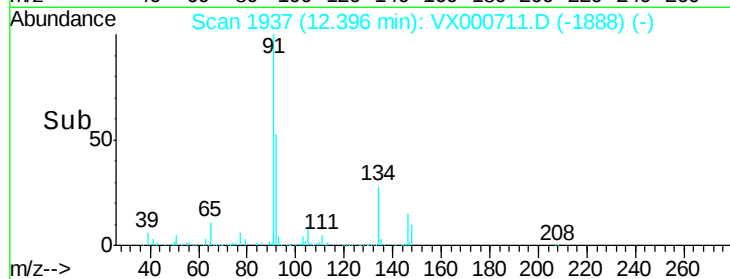
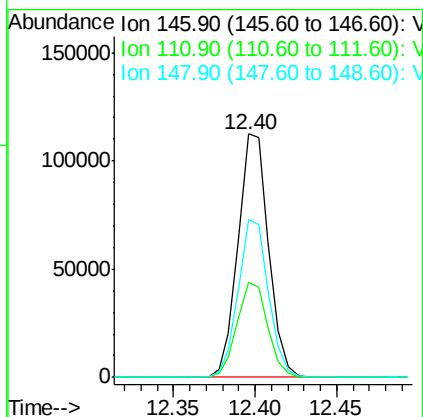
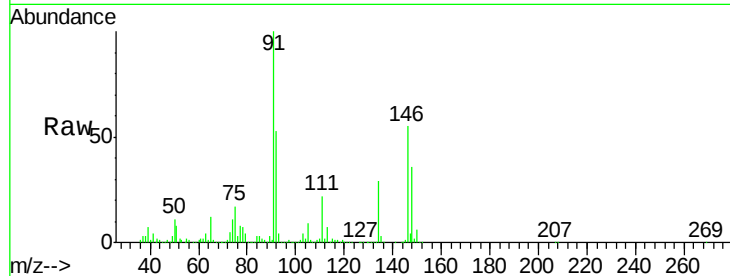




#91
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

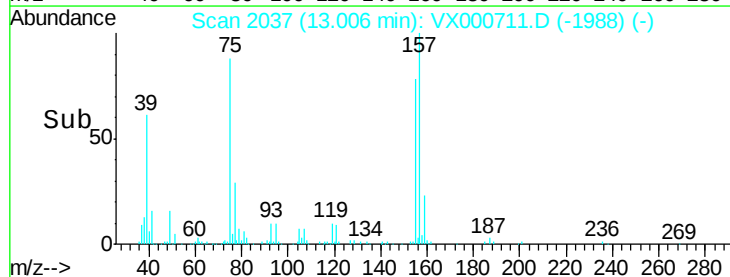
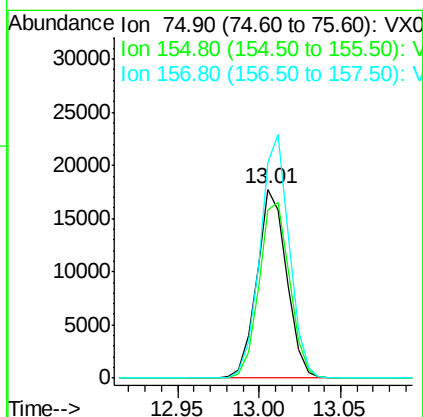
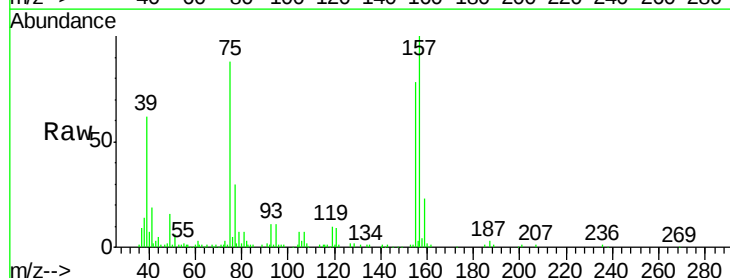
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

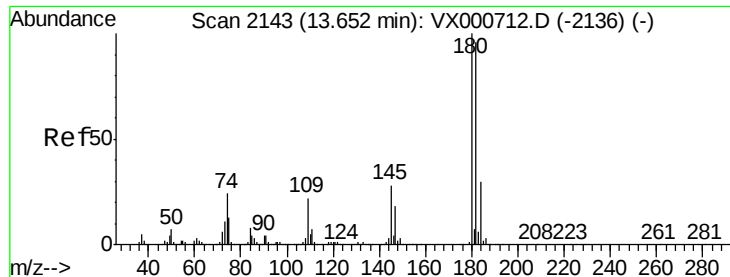
Tgt Ion: 146 Resp: 147352
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.68 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion: 75 Resp: 22412
 Ion Ratio Lower Upper
 75 100
 155 95.9 48.4 145.0
 157 126.0 62.8 188.5

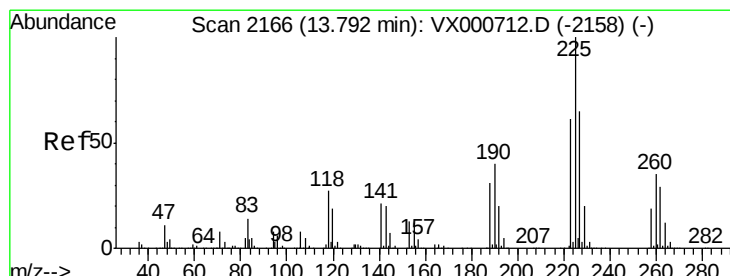
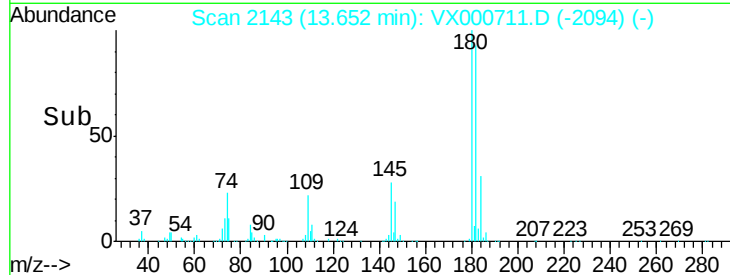
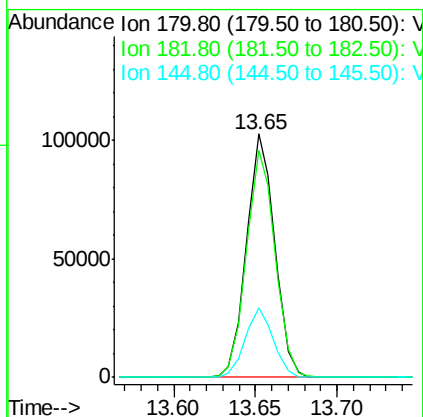
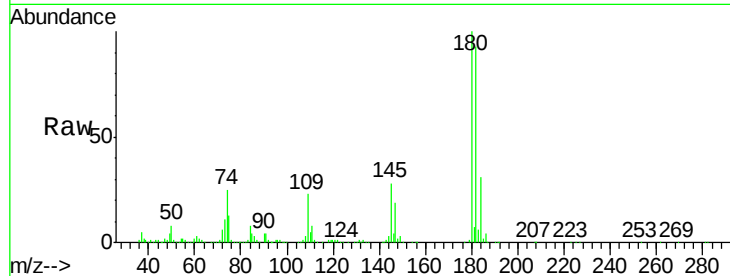




#93
 1,2,4-Trichlorobenzene
 Concen: 19.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

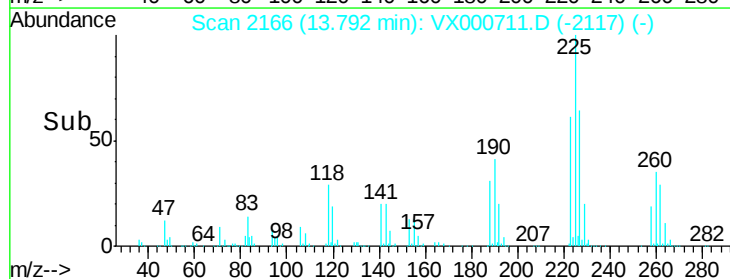
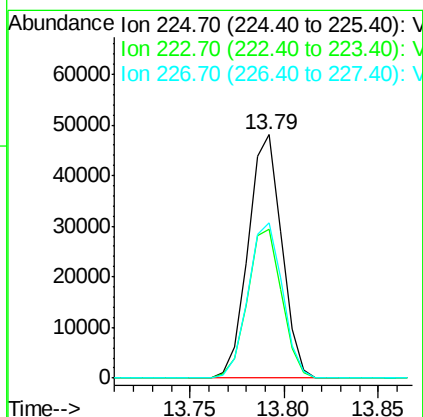
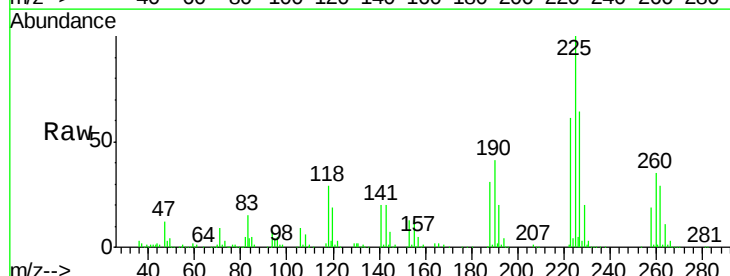
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

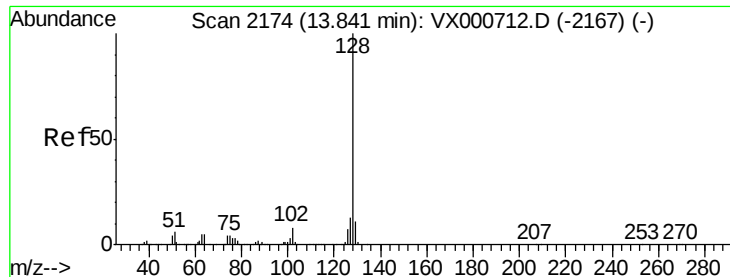
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	28.3	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 19.41 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000711.D
 Acq: 07 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.8
227	65.1	31.9	95.7





#95

Naphthalene

Concen: 19.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

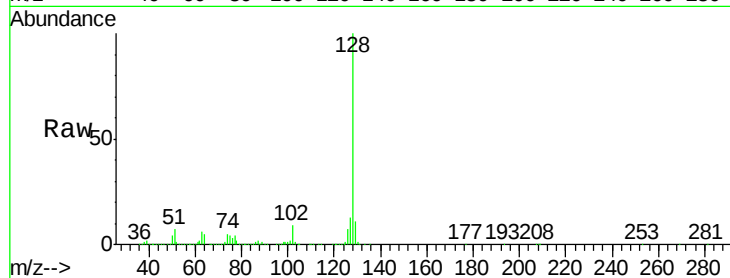
Tgt Ion:128 Resp: 334151

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

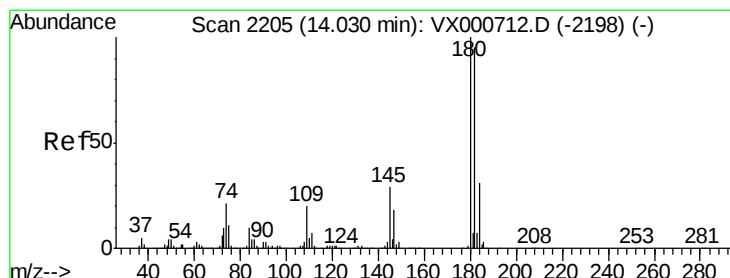
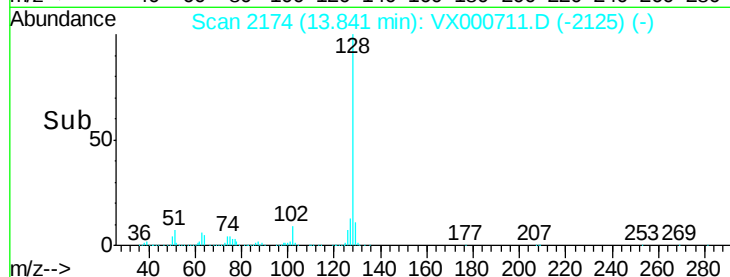
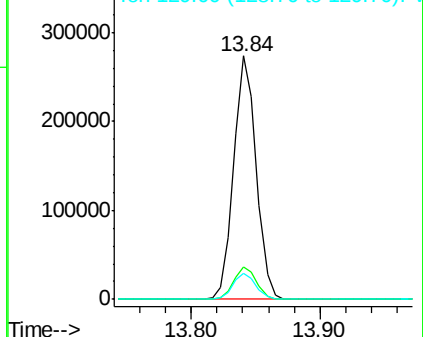
129 10.8 8.8 13.2



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: 19.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000711.D

Acq: 07 Apr 2018 12:14

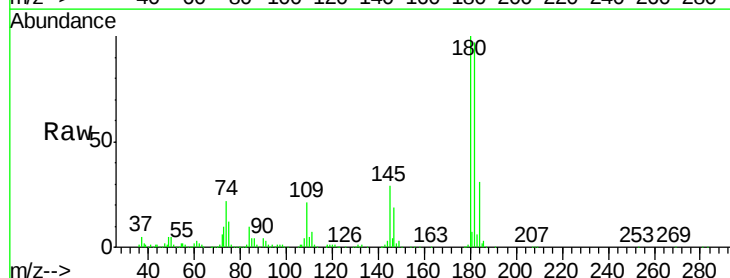
Tgt Ion:180 Resp: 118913

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.3

145 30.5 14.9 44.9



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

