

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000713.D
 Acq On : 07 Apr 2018 13:05
 Operator : JC/MD
 Sample : VSTDCICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCICC100

Quant Time: Apr 07 16:39:46 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	5.68	168	161392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	228586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130574	73.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.96%	
35) Dibromofluoromethane	5.51	113	105947	70.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.92%	
50) Toluene-d8	8.73	98	385467	70.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.64%	
62) 4-Bromofluorobenzene	11.15	95	156843	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63021	43.53	ug/l	99
3) Chloromethane	1.32	50	55432	46.56	ug/l	95
4) Vinyl Chloride	1.40	62	58343	46.91	ug/l	99
5) Bromomethane	1.65	94	38714	56.31	ug/l	98
6) Chloroethane	1.73	64	33989	44.75	ug/l	98
7) Trichlorofluoromethane	1.93	101	88407	43.42	ug/l	99
8) Diethyl Ether	2.19	74	33641	44.33	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50895	42.66	ug/l	99
10) Methyl Iodide	2.52	142	58087	44.60	ug/l	99
11) Tert butyl alcohol	3.07	59	71536	215.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47155	43.92	ug/l	99
13) Acrolein	2.30	56	21368	166.41	ug/l	94
14) Allyl chloride	2.73	41	97065	45.26	ug/l	99
15) Acrylonitrile	3.15	53	152680	229.65	ug/l	99
16) Acetone	2.45	43	130811	234.40	ug/l	99
17) Carbon Disulfide	2.57	76	119496	46.83	ug/l	100
18) Methyl Acetate	2.78	43	80169	45.13	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	177276	42.73	ug/l	99
20) Methylene Chloride	2.87	84	57687	47.03	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	51689	44.92	ug/l	99
22) Diisopropyl ether	3.88	45	186988	42.38	ug/l	99
23) Vinyl Acetate	3.83	43	848416	221.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	102506	44.62	ug/l	99
25) 2-Butanone	4.71	43	226066	219.86	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98529	43.17	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66178	44.77	ug/l	99
28) Bromochloromethane	5.03	49	70140	69.18	ug/l	100
29) Tetrahydrofuran	5.17	42	144517	220.32	ug/l	100
30) Chloroform	5.23	83	109439	44.33	ug/l	96
31) Cyclohexane	5.59	56	81712	42.61	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	100371	42.67	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76284	42.13	ug/l	98
37) Ethyl Acetate	4.87	43	87502	42.57	ug/l	98
38) Carbon Tetrachloride	5.79	117	91559	41.66	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	85977	41.32	ug/l	97
40) Benzene	6.15	78	230465	43.65	ug/l	100
41) Methacrylonitrile	5.07	41	52886	43.67	ug/l	99
42) 1,2-Dichloroethane	6.21	62	93087	44.29	ug/l	99
43) Isopropyl Acetate	6.48	43	148903	41.25	ug/l	100
44) Trichloroethene	7.22	130	69590	42.85	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61644	43.31	ug/l	100
46) Dibromomethane	7.67	93	43013	44.09	ug/l	99
47) Bromodichloromethane	7.91	83	88672	43.07	ug/l	99
48) Methyl methacrylate	7.79	41	77962	42.07	ug/l	99
49) 1,4-Dioxane	7.76	88	32680	870.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	448298	208.79	ug/l	98
52) Toluene	8.79	92	149128	42.29	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	105600	43.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	105056	42.69	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	61620	42.27	ug/l	99
56) Ethyl methacrylate	9.19	69	96805	40.85	ug/l	99
57) 1,3-Dichloropropane	9.38	76	102011	43.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	125591	125.15	ug/l	100
59) 2-Hexanone	9.51	43	344322	208.55	ug/l	100
60) Dibromochloromethane	9.59	129	77158	42.13	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66414	42.83	ug/l	97
64) Tetrachloroethene	9.34	164	64671	41.33	ug/l	98
65) Chlorobenzene	10.15	112	177891	43.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69674	42.91	ug/l	99
67) Ethyl Benzene	10.26	91	293964	42.43	ug/l	100
68) m/p-Xylenes	10.37	106	227985	84.18	ug/l	99
69) o-Xylene	10.71	106	111402	41.89	ug/l	99
70) Styrene	10.72	104	193989	42.67	ug/l	99
71) Bromoform	10.87	173	67525	42.39	ug/l #	99
73) Isopropylbenzene	11.02	105	300346	41.84	ug/l	100
74) N-amyl acetate	6.48	43	148903	42.18	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91931	42.81	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	114852	55.27	ug/l	84
77) Bromobenzene	11.26	156	88861	43.24	ug/l	99
78) n-propylbenzene	11.37	91	343713	42.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	207359	42.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	256156	41.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33018	41.38	ug/l	96
82) 4-Chlorotoluene	11.52	91	249651	42.65	ug/l	100
83) tert-Butylbenzene	11.78	119	267512	41.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	264411	41.32	ug/l	99
85) sec-Butylbenzene	11.95	105	312447	41.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	289647	41.62	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	162067	42.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	165407	42.53	ug/l	100
89) n-Butylbenzene	12.40	91	256818	41.65	ug/l	100
90) Hexachloroethane	12.60	117	53009	41.63	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	158267	42.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24086	41.79	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Apr 07 16:39:08 2018
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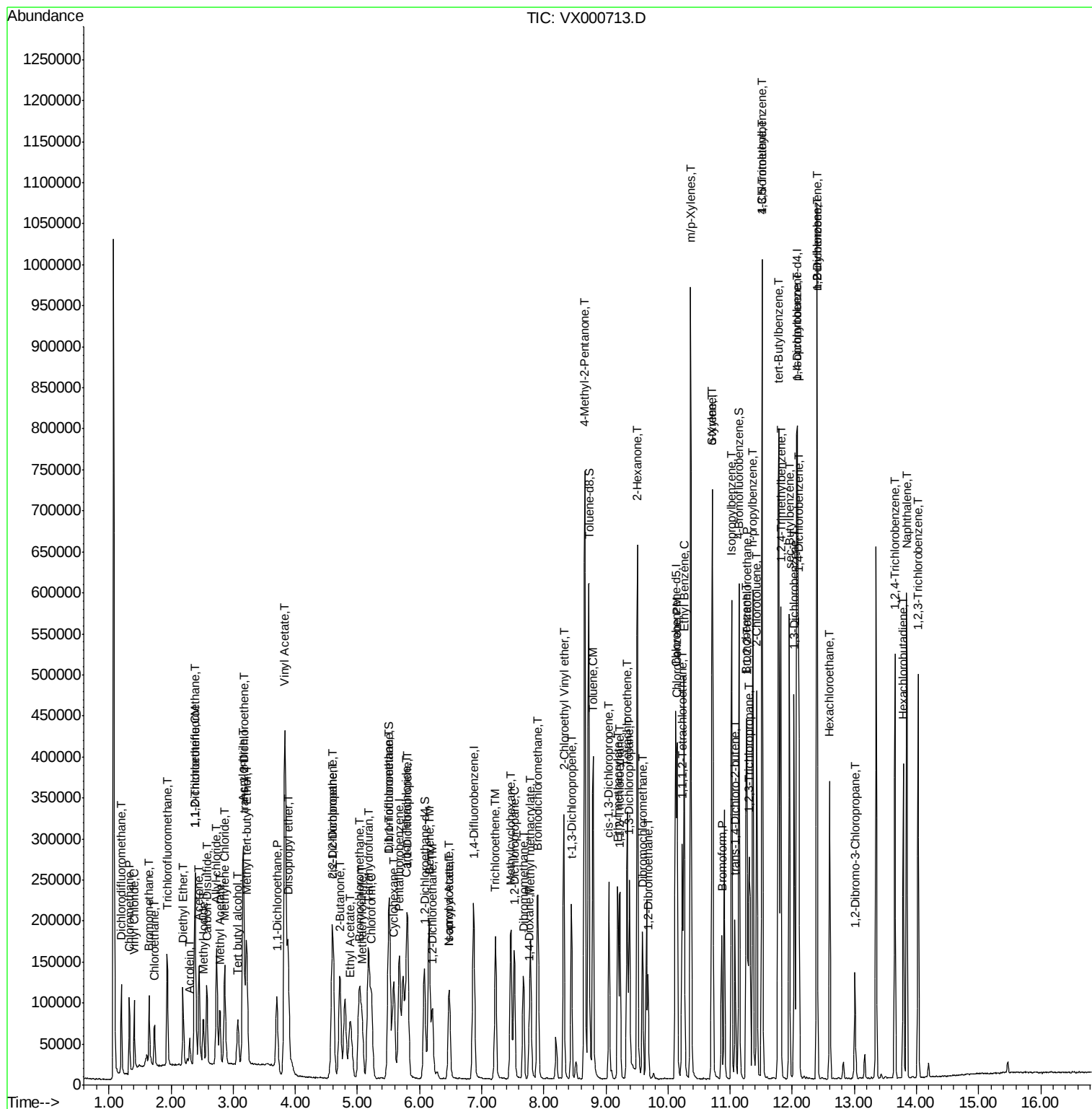
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131721	41.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	64088	41.33	ug/l	99
95) Naphthalene	13.84	128	363189	42.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	131965	42.69	ug/l	99

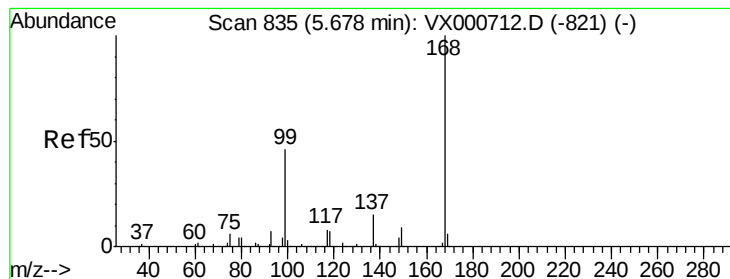
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCICC100

Quant Time: Apr 07 16:39:46 2018
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Quant Title : SW846 8260
QLast Update : Sat Apr 07 16:39:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

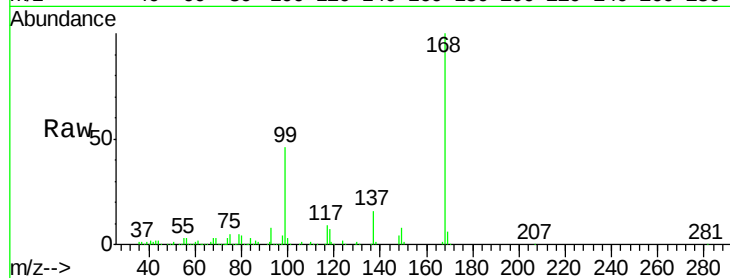
VSTDIC100

Tgt Ion:168 Resp: 161392

Ion Ratio Lower Upper

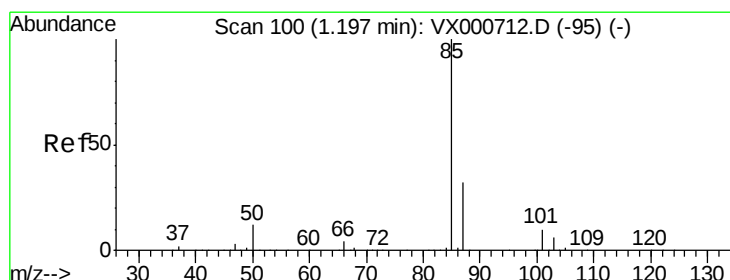
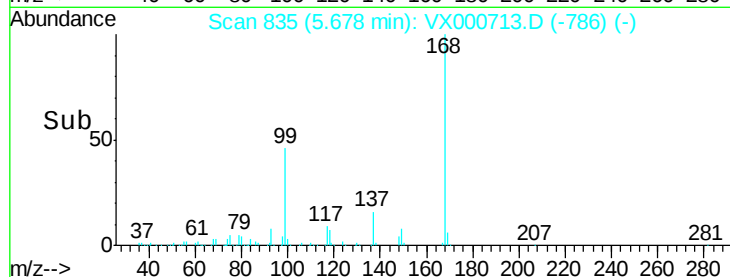
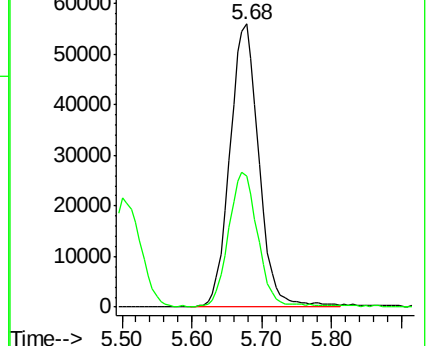
168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000713.D

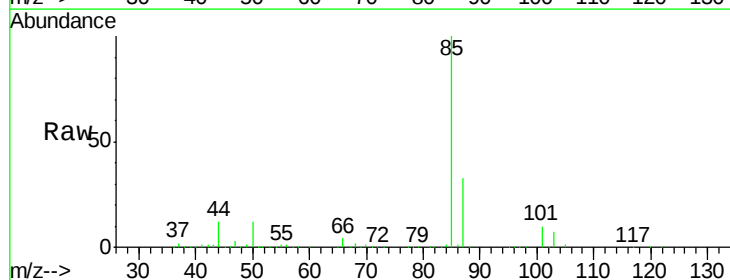
Acq: 07 Apr 2018 13:05

Tgt Ion: 85 Resp: 63021

Ion Ratio Lower Upper

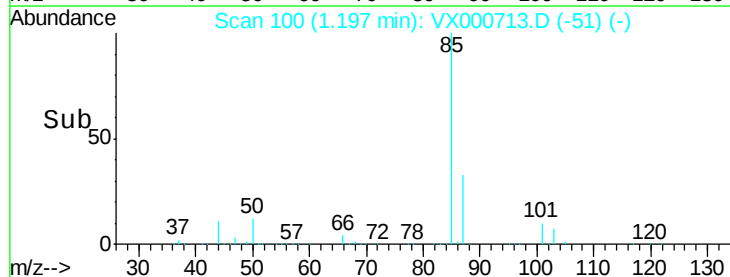
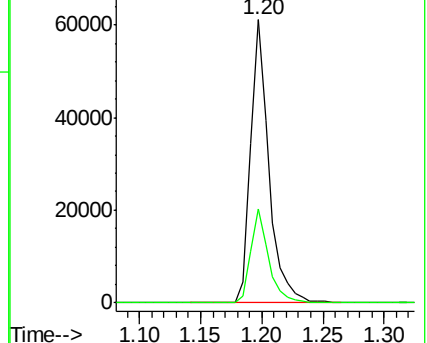
85 100

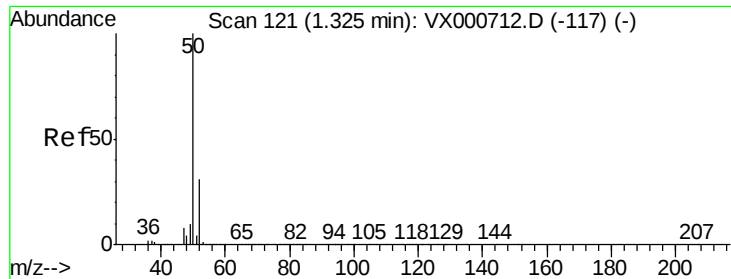
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

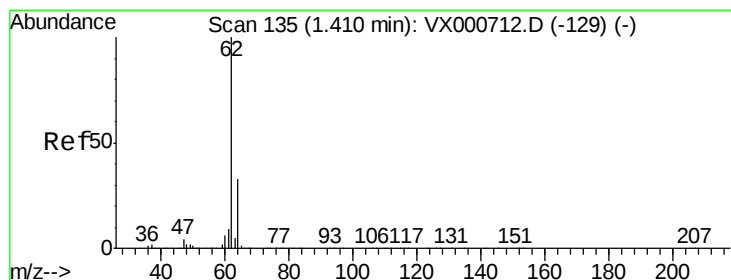
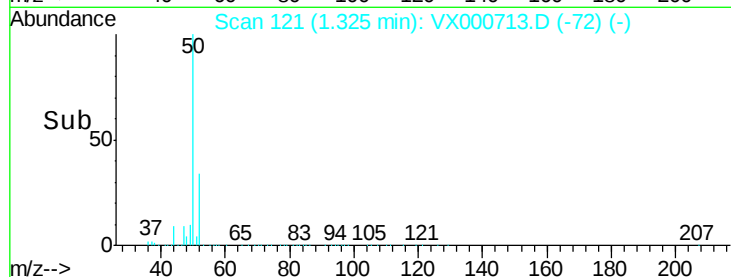
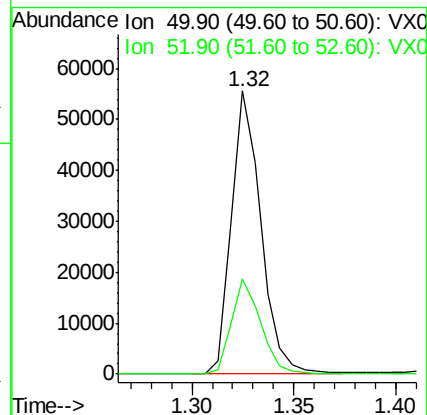
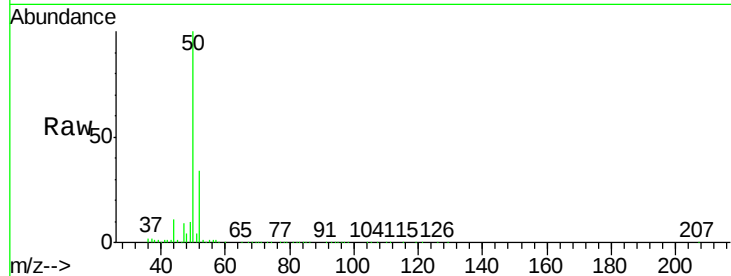
VSTDIC100

Tgt Ion: 50 Resp: 55432

Ion Ratio Lower Upper

50 100

52 33.7 24.9 37.3



#4

Vinyl Chloride

Concen: 46.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000713.D

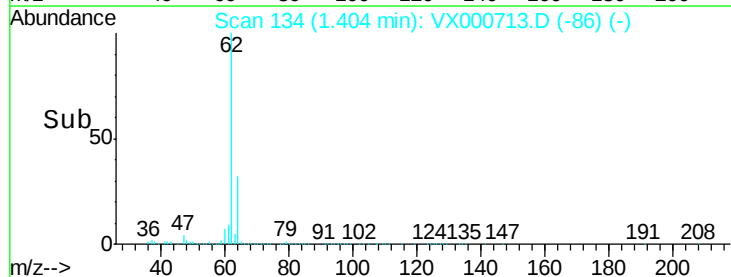
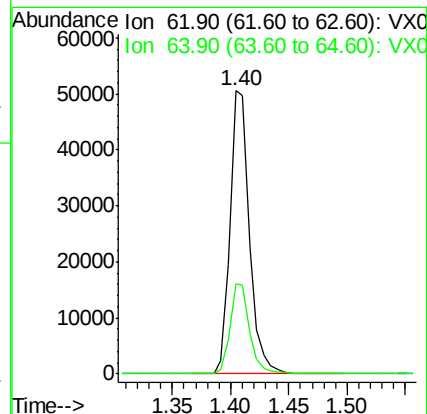
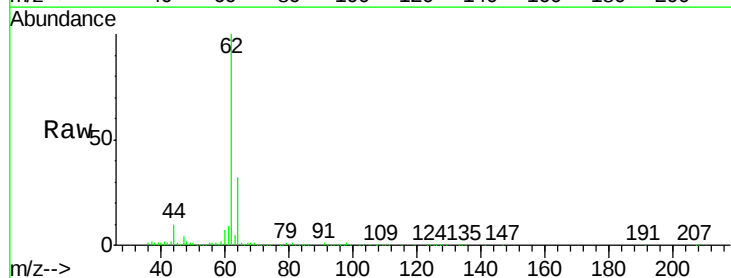
Acq: 07 Apr 2018 13:05

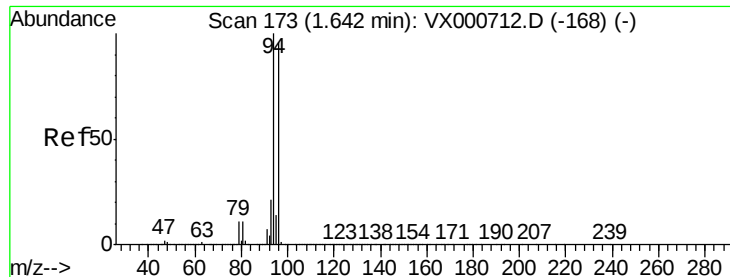
Tgt Ion: 62 Resp: 58343

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2





#5

Bromomethane

Concen: 56.31 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

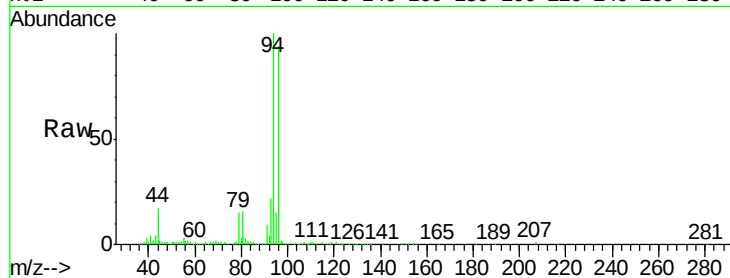
VSTDIC100

Tgt Ion: 94 Resp: 38714

Ion Ratio Lower Upper

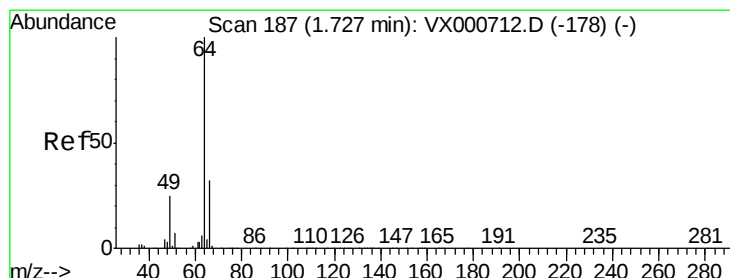
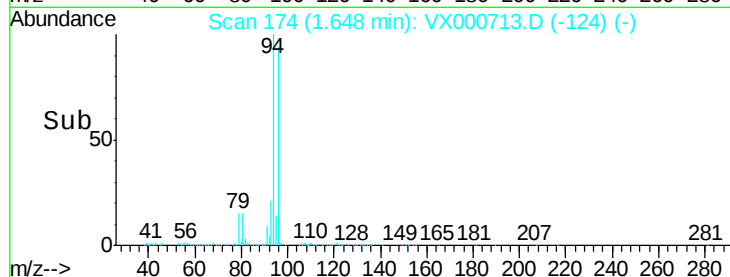
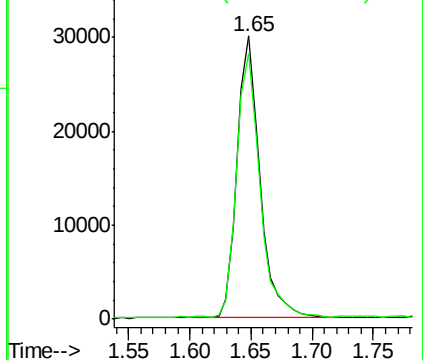
94 100

96 93.5 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.75 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000713.D

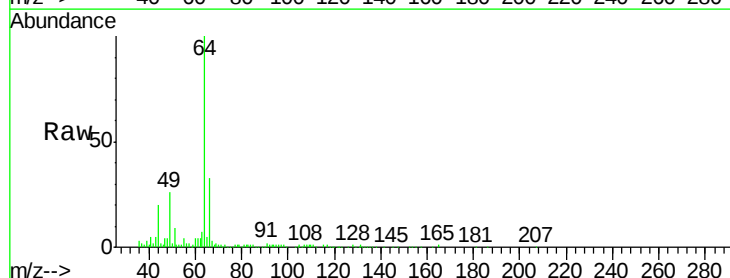
Acq: 07 Apr 2018 13:05

Tgt Ion: 64 Resp: 33989

Ion Ratio Lower Upper

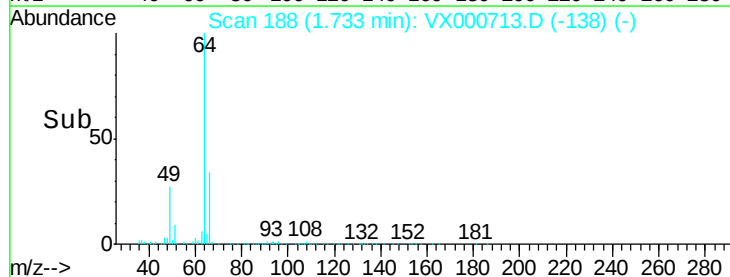
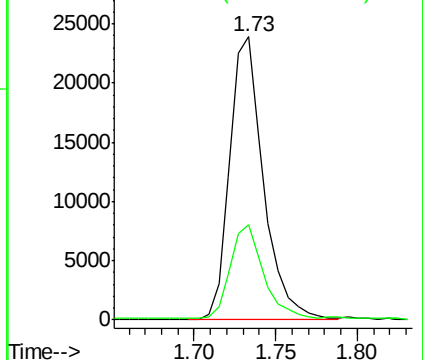
64 100

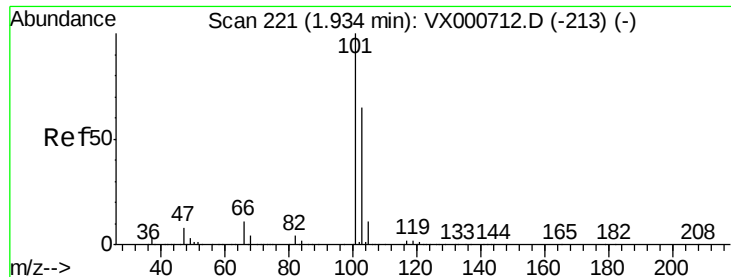
66 32.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 43.42 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

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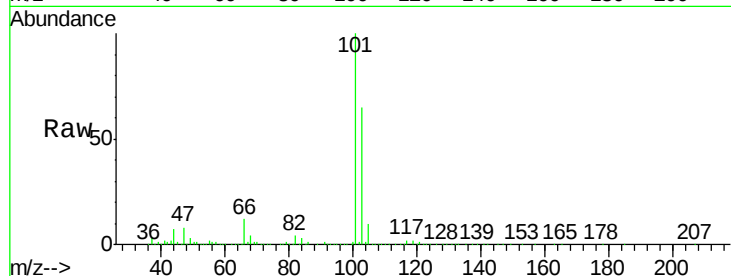
VSTDIC100

Tgt Ion:101 Resp: 88407

Ion Ratio Lower Upper

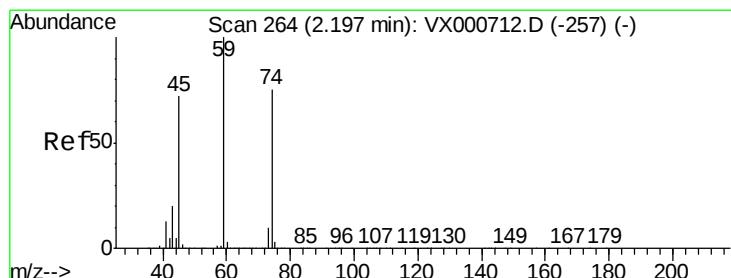
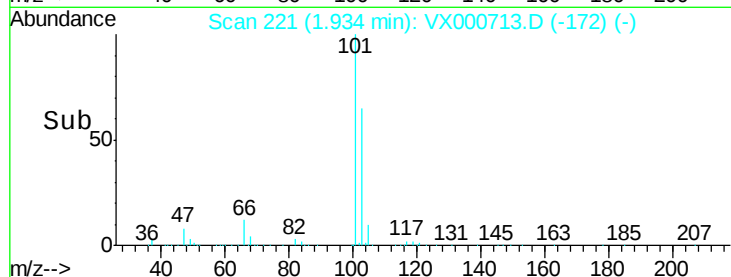
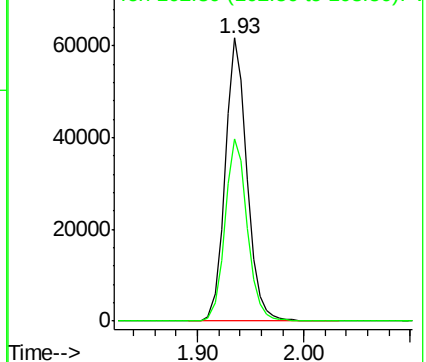
101 100

103 64.4 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 44.33 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000713.D

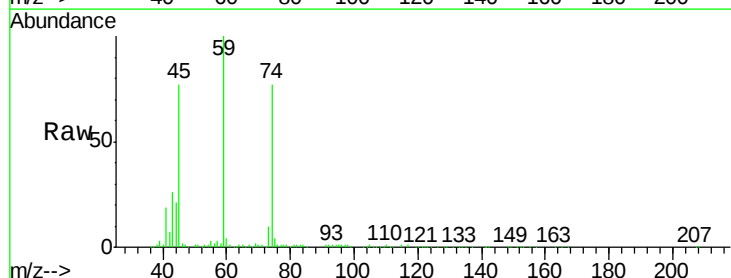
Acq: 07 Apr 2018 13:05

Tgt Ion: 74 Resp: 33641

Ion Ratio Lower Upper

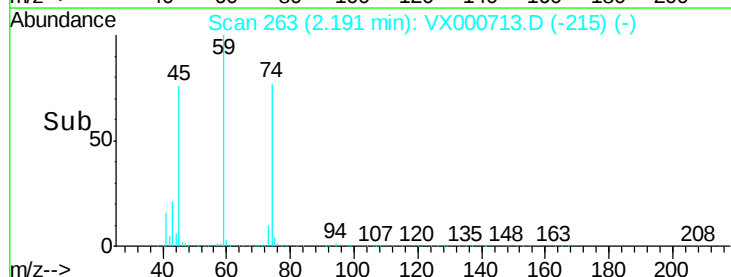
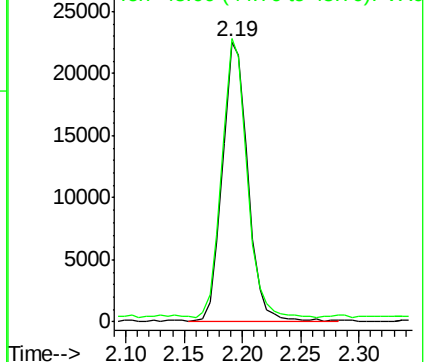
74 100

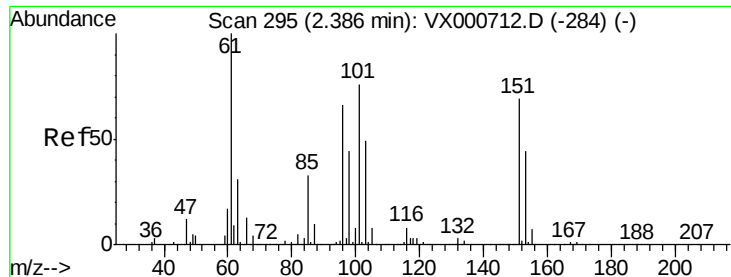
45 99.9 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

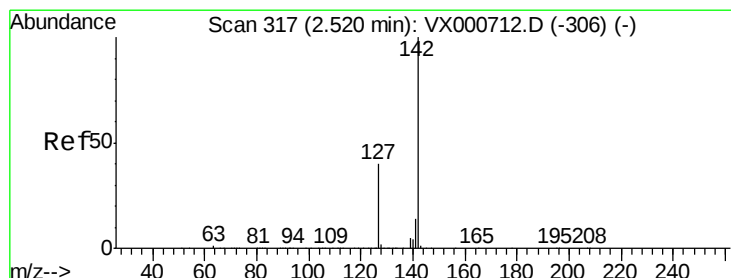
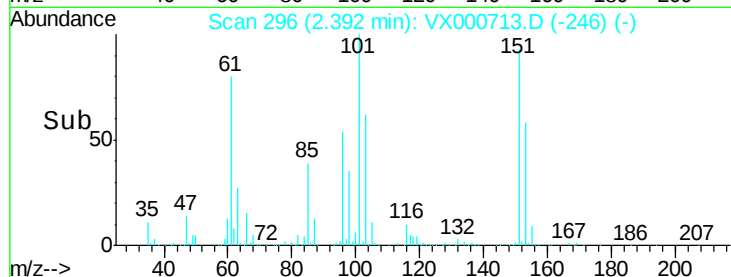
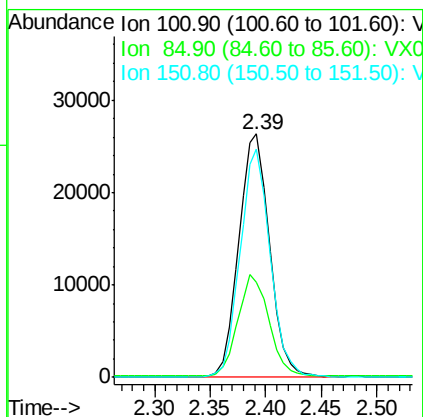
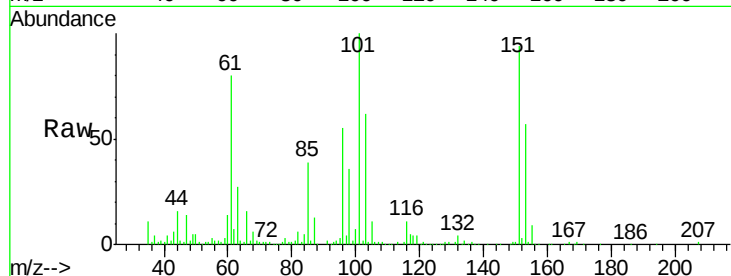




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.66 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

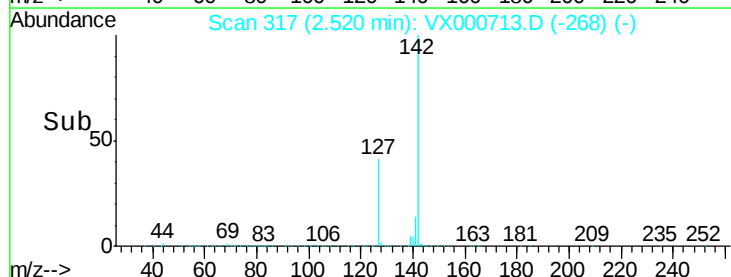
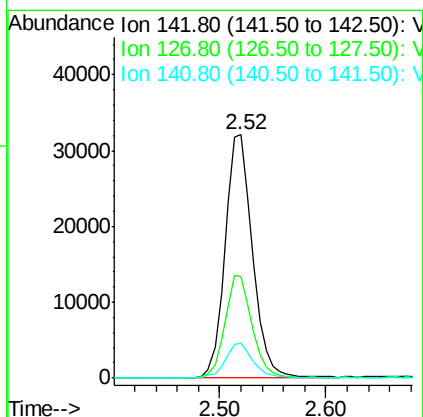
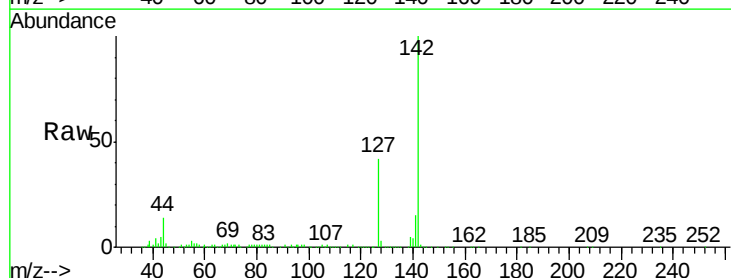
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

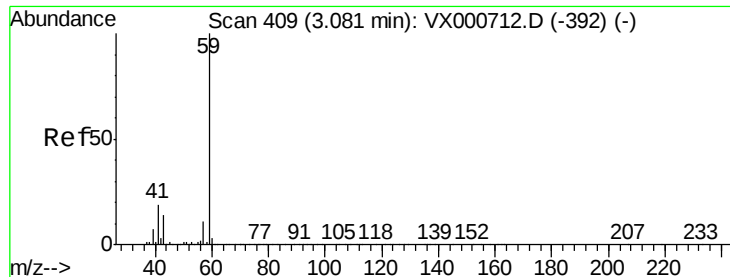
Tgt Ion:101 Resp: 50895
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.3 51.5
 151 91.6 73.8 110.8



#10
 Methyl Iodide
 Concen: 44.60 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion:142 Resp: 58087
 Ion Ratio Lower Upper
 142 100
 127 42.0 33.9 50.9
 141 14.6 11.4 17.0



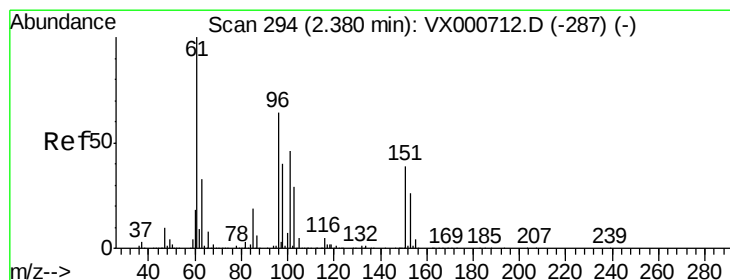
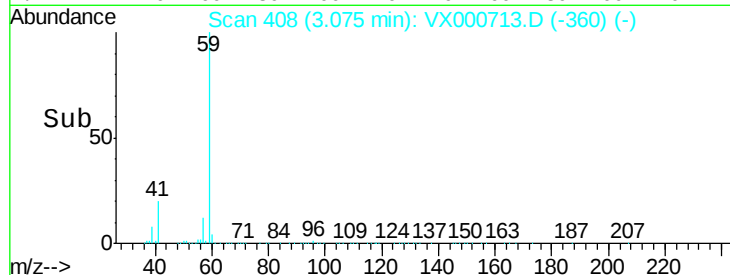
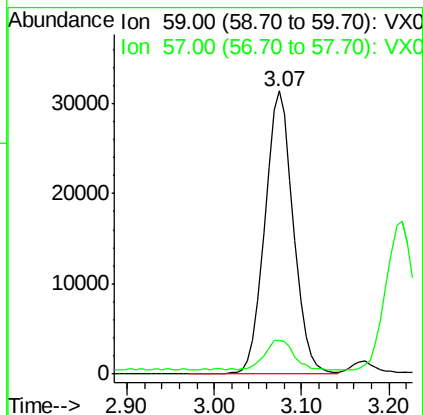
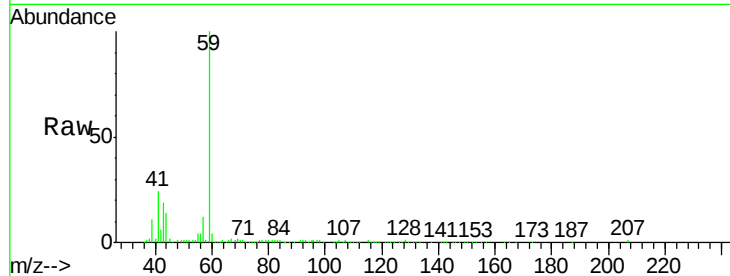


#11

Tert butyl alcohol
 Concen: 215.26 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

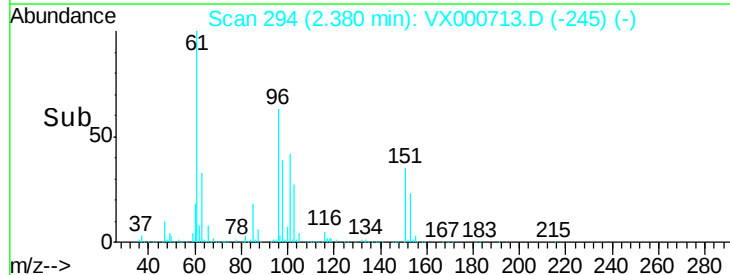
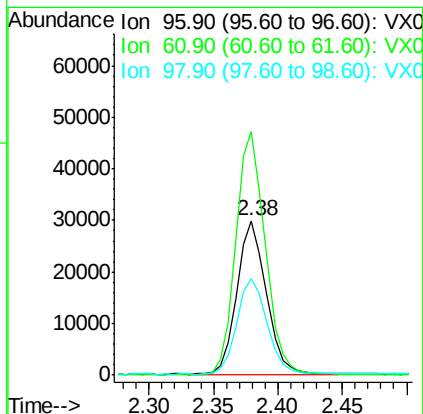
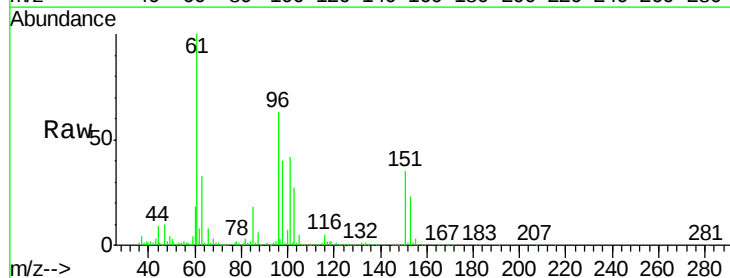
Tgt Ion: 59 Resp: 71536
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

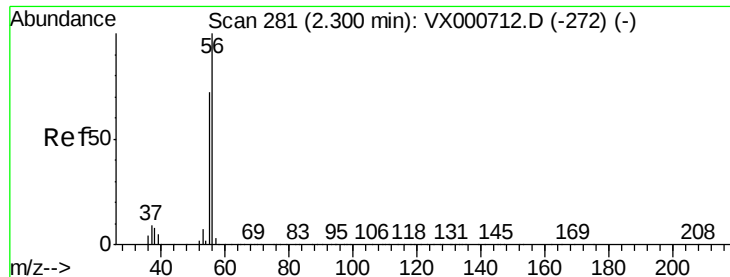


#12

1,1-Dichloroethene
 Concen: 43.92 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion: 96 Resp: 47155
 Ion Ratio Lower Upper
 96 100
 61 158.1 125.0 187.4
 98 62.0 50.5 75.7





#13

Acrolein

Concen: 166.41 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

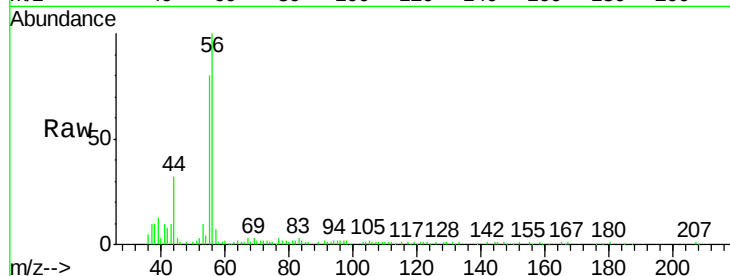
VSTDIC100

Tgt Ion: 56 Resp: 21368

Ion Ratio Lower Upper

56 100

55 76.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

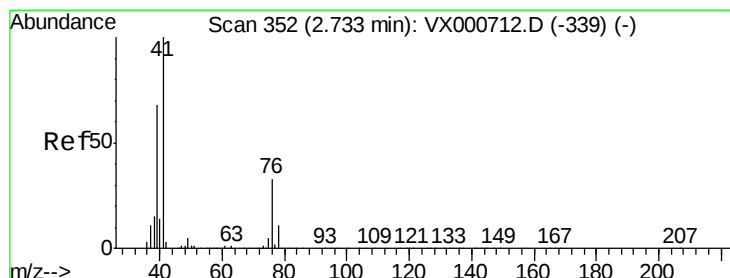
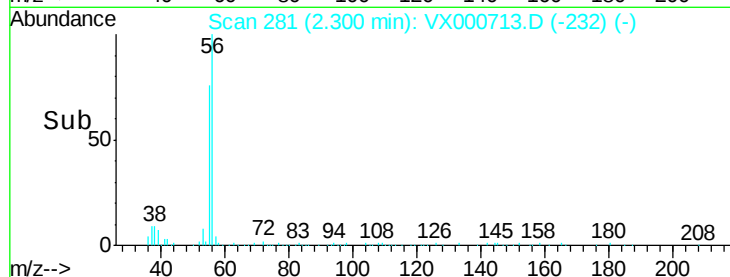
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 45.26 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

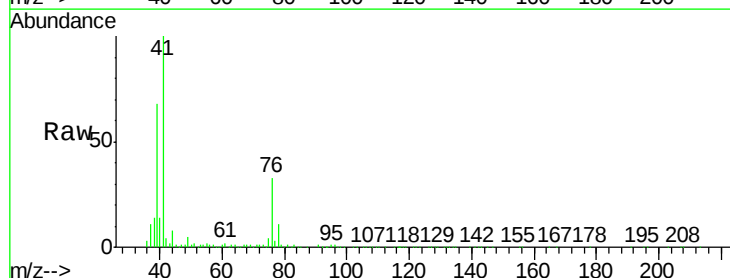
Tgt Ion: 41 Resp: 97065

Ion Ratio Lower Upper

41 100

39 66.3 52.4 78.6

76 31.9 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

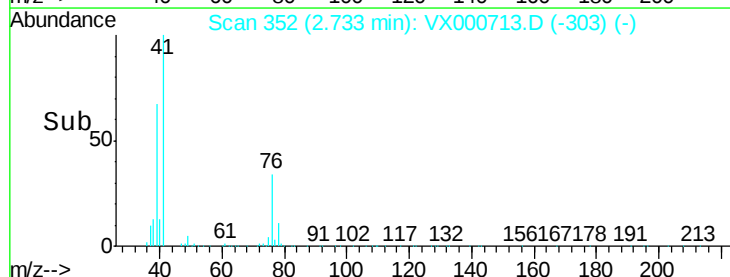
60000

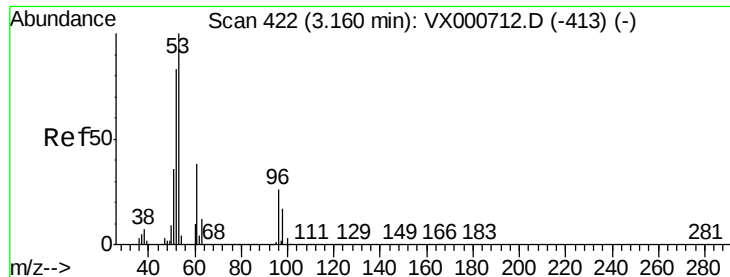
40000

20000

0

Time--> 2.70 2.80





#15

Acrylonitrile

Concen: 229.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

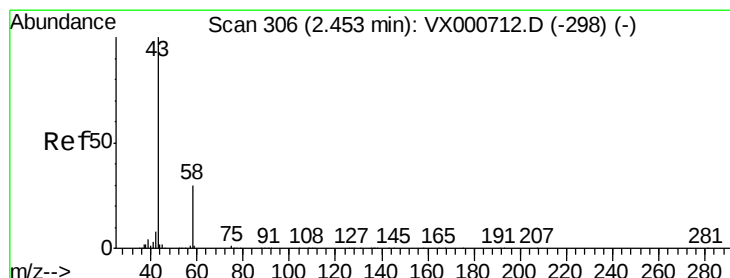
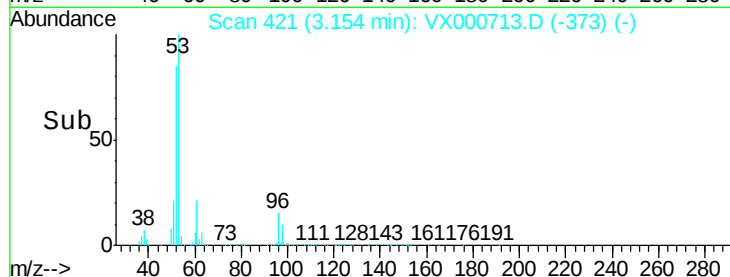
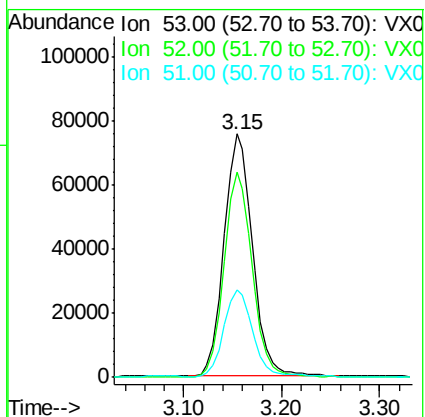
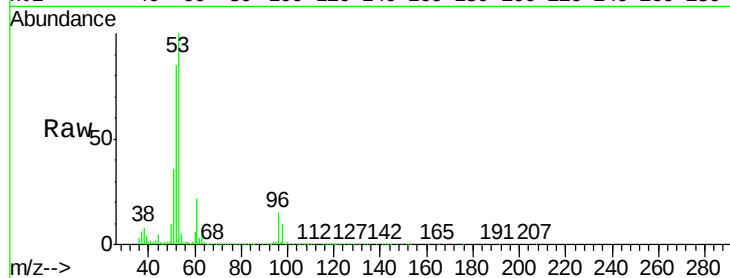
Tgt Ion: 53 Resp: 152680

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 36.5 29.1 43.7



#16

Acetone

Concen: 234.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000713.D

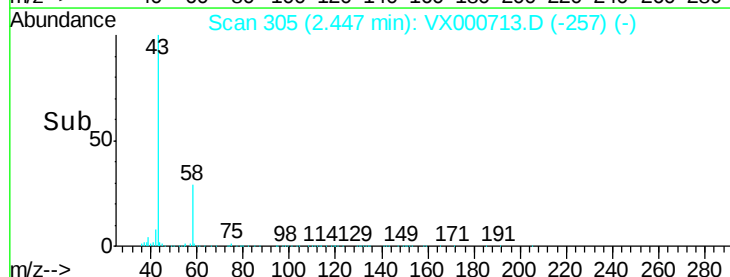
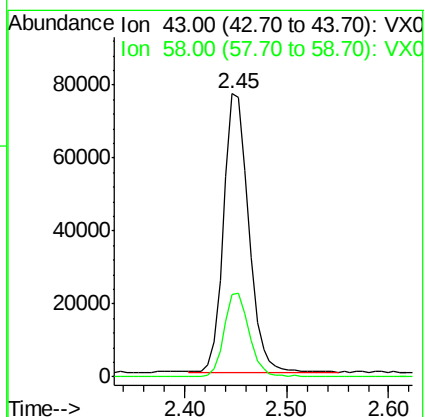
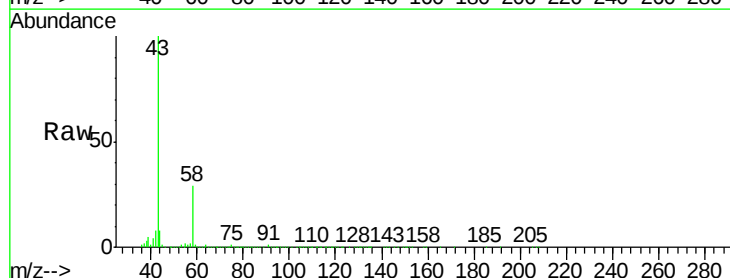
Acq: 07 Apr 2018 13:05

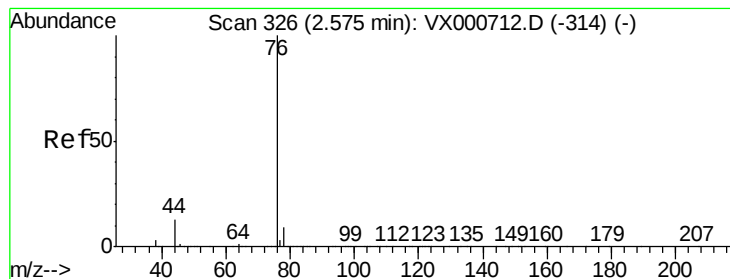
Tgt Ion: 43 Resp: 130811

Ion Ratio Lower Upper

43 100

58 29.4 24.0 36.0





#17

Carbon Disulfide

Concen: 46.83 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

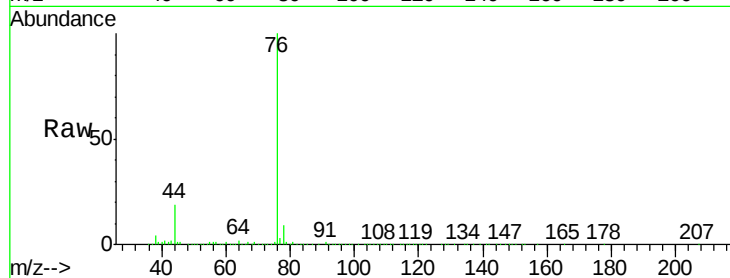
VSTDIC100

Tgt Ion: 76 Resp: 119496

Ion Ratio Lower Upper

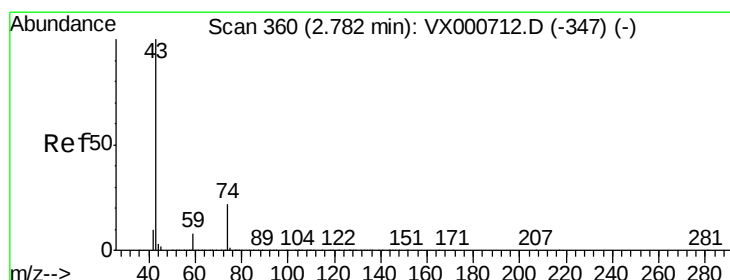
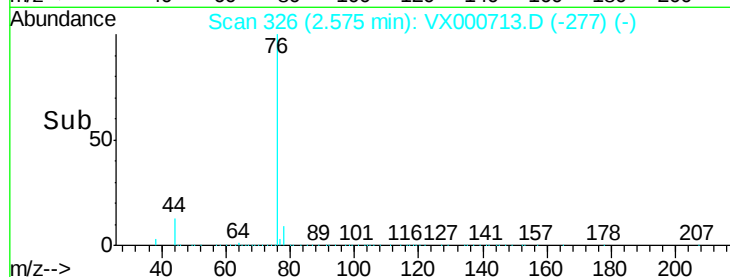
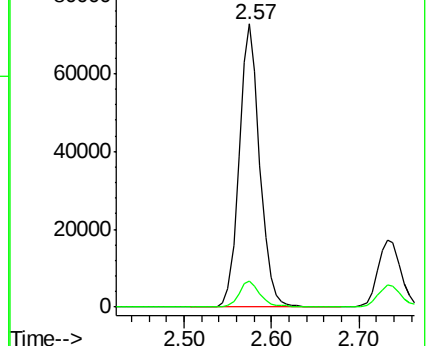
76 100

78 9.1 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: 45.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000713.D

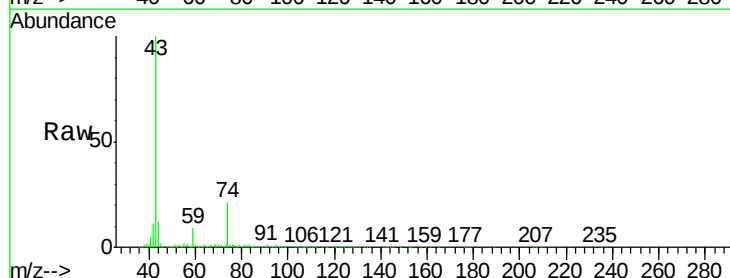
Acq: 07 Apr 2018 13:05

Tgt Ion: 43 Resp: 80169

Ion Ratio Lower Upper

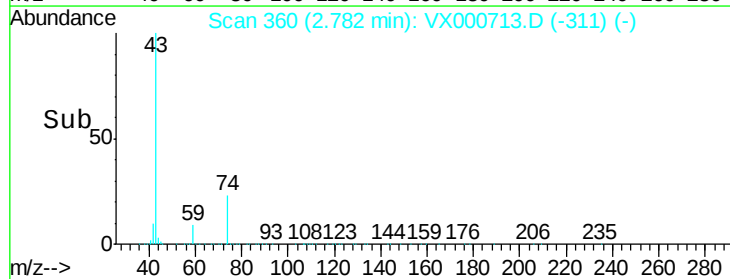
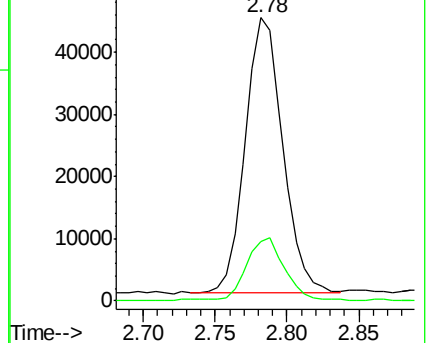
43 100

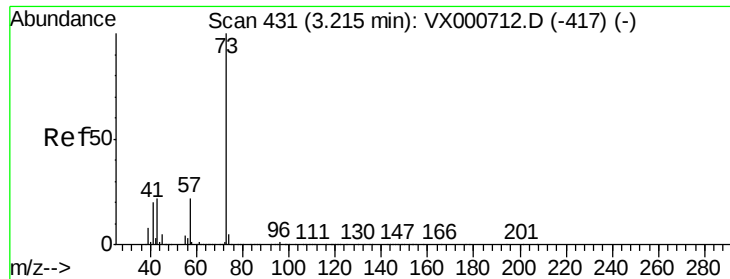
74 24.0 19.0 28.6



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: 42.73 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

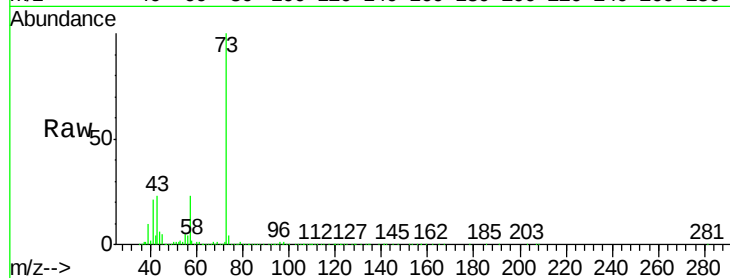
VSTDIC100

Tgt Ion: 73 Resp: 177276

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

60000

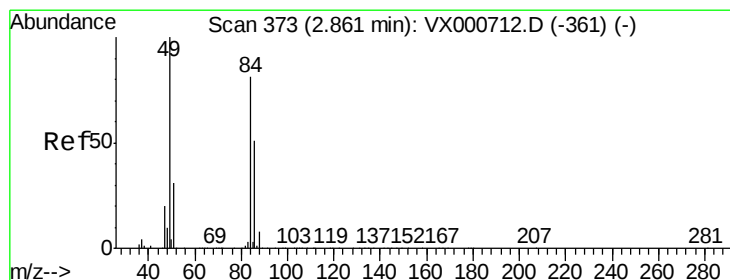
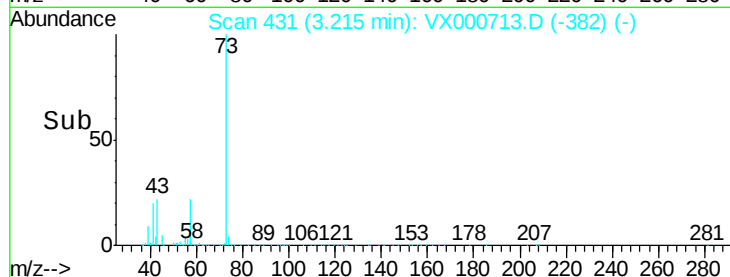
40000

20000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 47.03 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Tgt Ion: 84 Resp: 57687

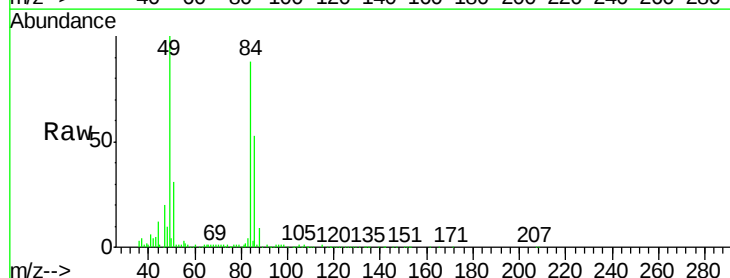
Ion Ratio Lower Upper

84 100

49 113.7 98.6 148.0

51 35.0 30.8 46.2

86 60.0 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

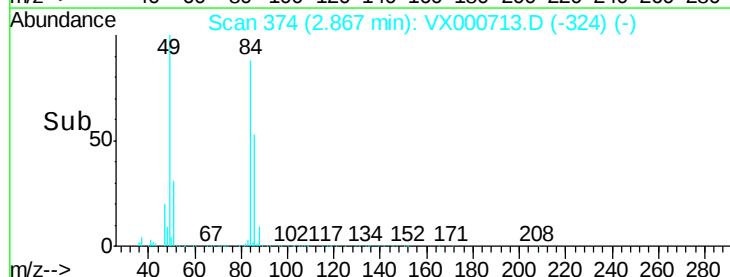
20000

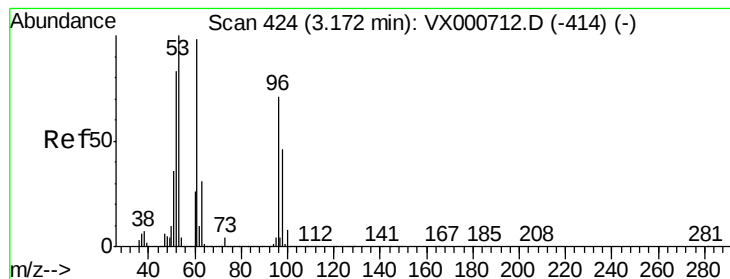
10000

0

Time-->

2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 44.92 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

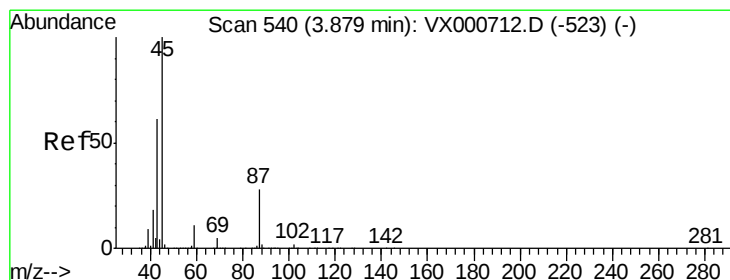
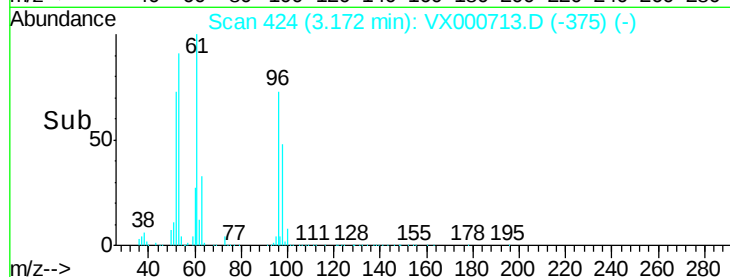
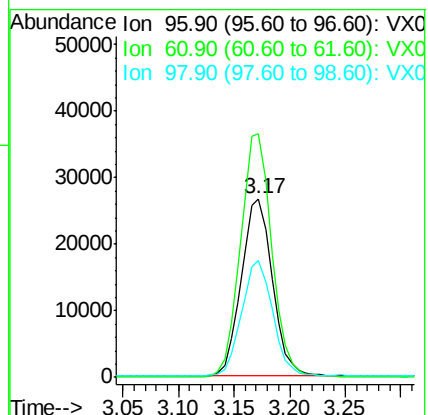
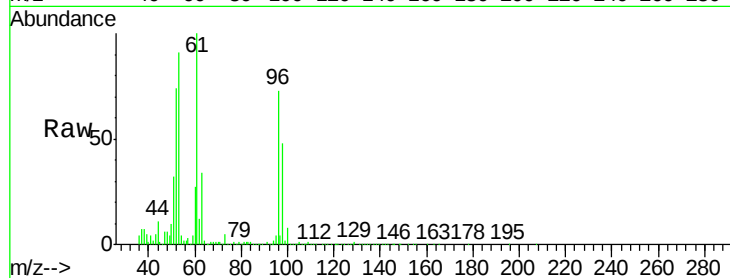
Tgt Ion: 96 Resp: 51689

Ion Ratio Lower Upper

96 100

61 137.4 109.8 164.6

98 65.5 51.5 77.3



#22

Diisopropyl ether

Concen: 42.38 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Tgt Ion: 45 Resp: 186988

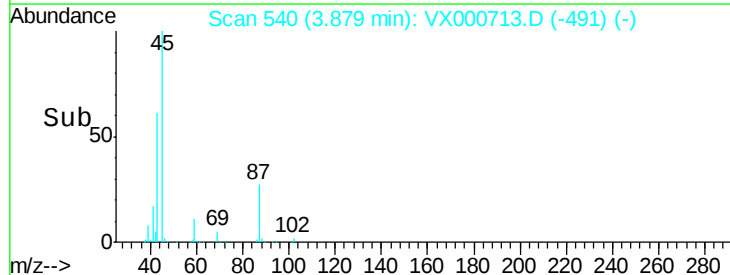
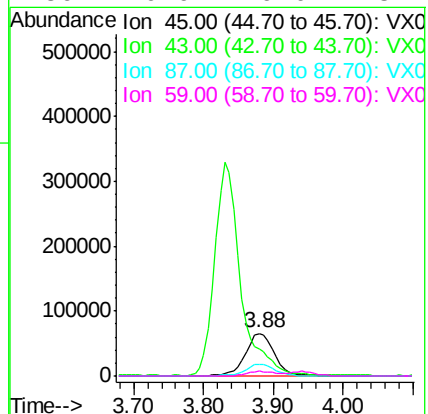
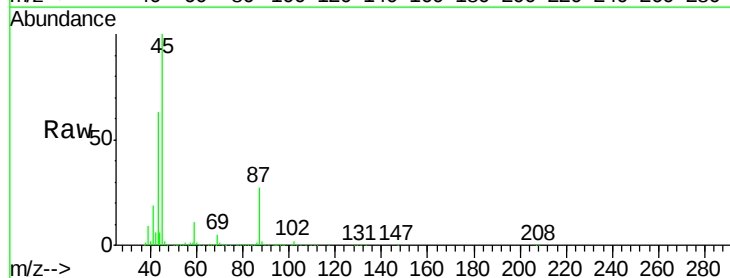
Ion Ratio Lower Upper

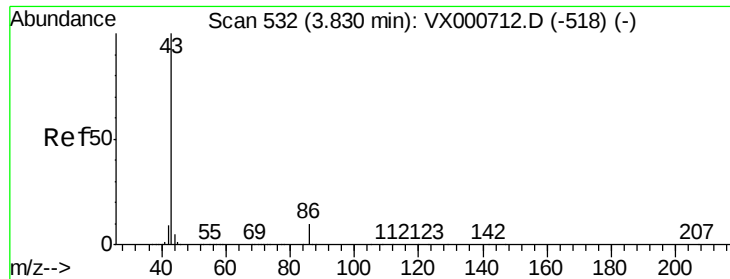
45 100

43 61.4 49.2 73.8

87 27.1 22.7 34.1

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 221.14 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

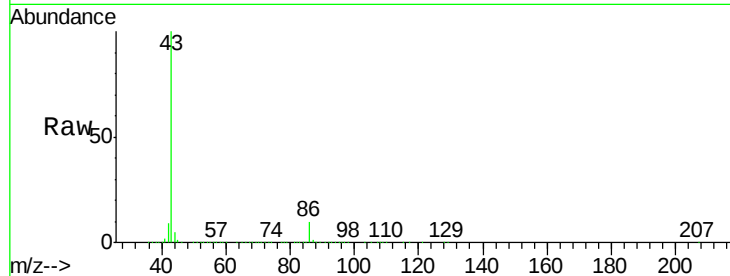
VSTDIC100

Tgt Ion: 43 Resp: 848416

Ion Ratio Lower Upper

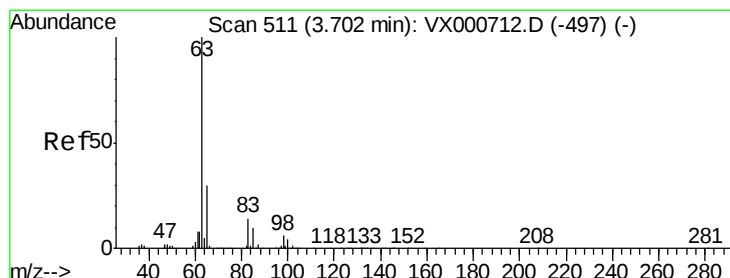
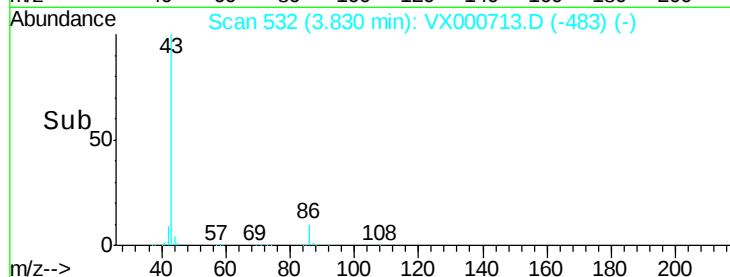
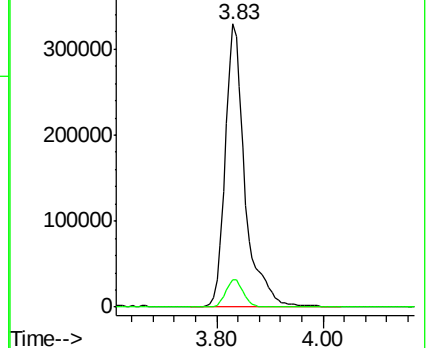
43 100

86 9.9 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: 44.62 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

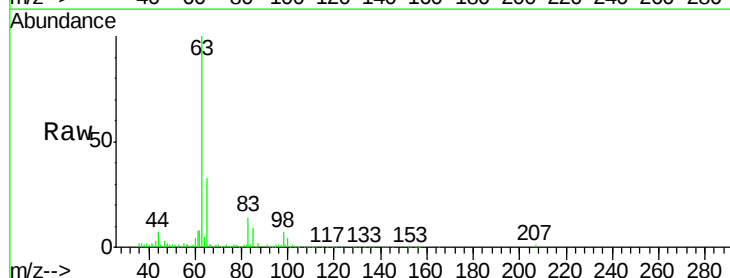
Tgt Ion: 63 Resp: 102506

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

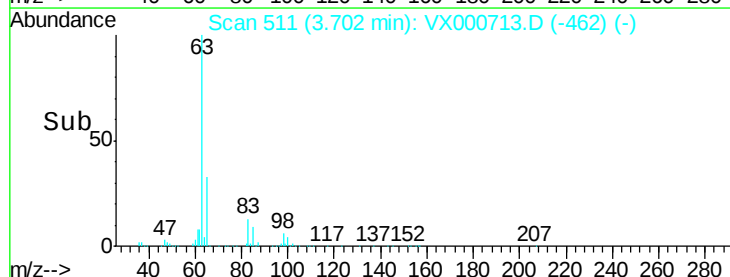
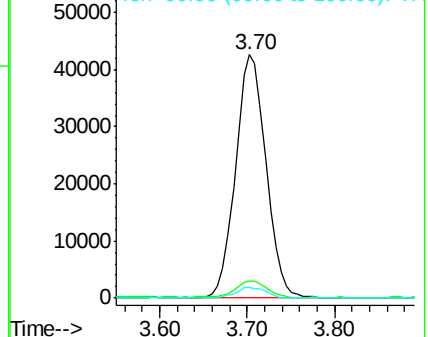
100 4.3 2.1 6.3

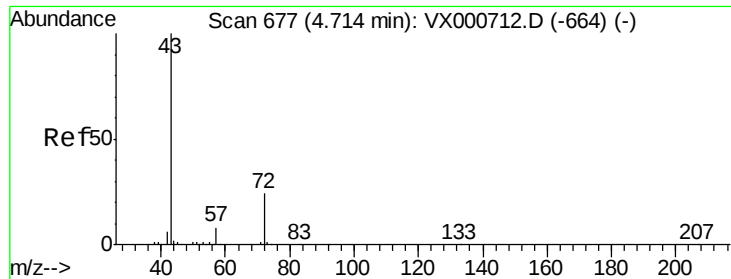


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 219.86 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

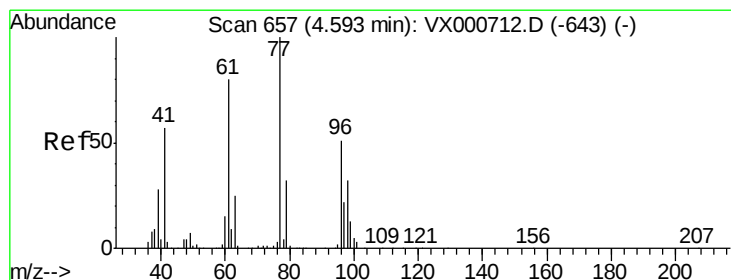
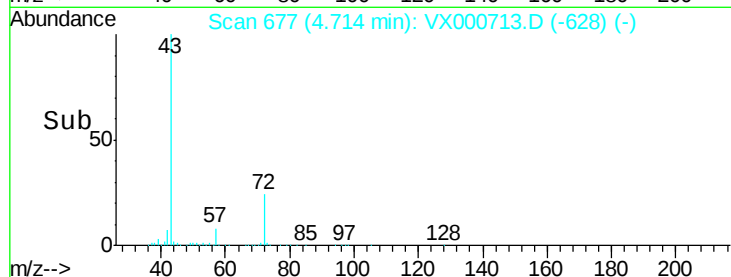
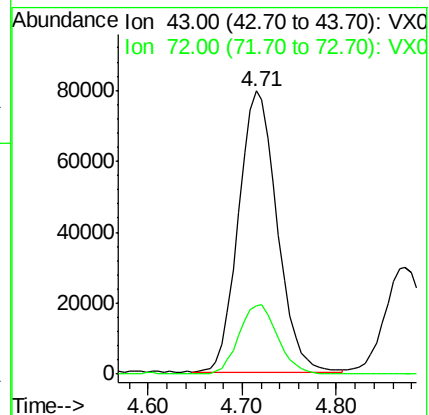
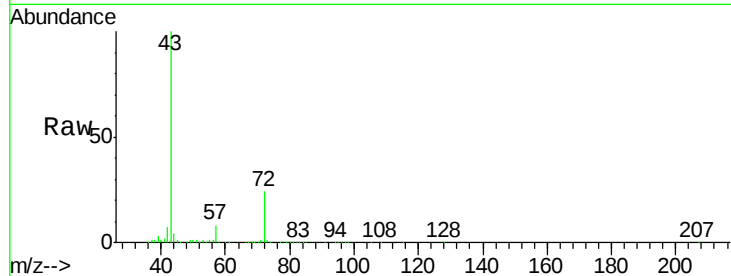
VSTDIC100

Tgt Ion: 43 Resp: 226066

Ion Ratio Lower Upper

43 100

72 24.1 19.0 28.4



#26

2,2-Dichloropropane

Concen: 43.17 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000713.D

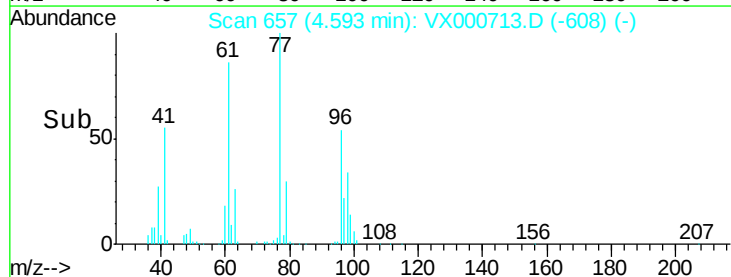
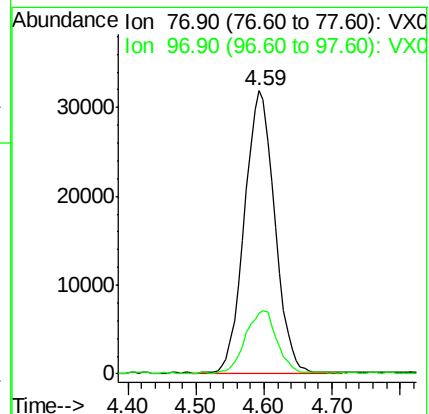
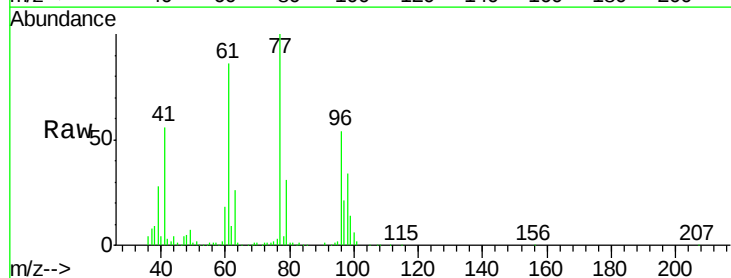
Acq: 07 Apr 2018 13:05

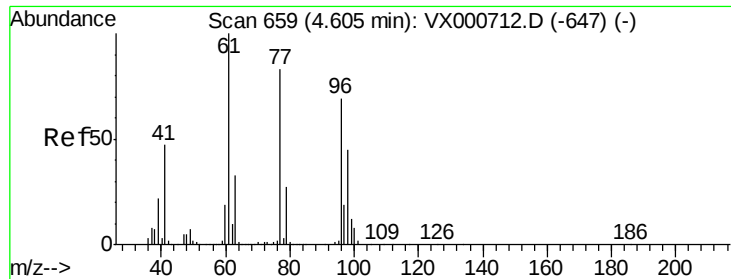
Tgt Ion: 77 Resp: 98529

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 44.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

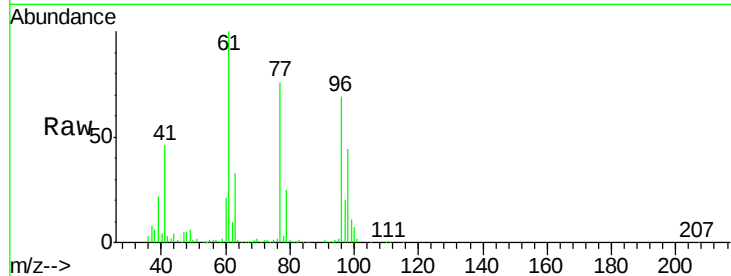
Tgt Ion: 96 Resp: 66178

Ion Ratio Lower Upper

96 100

61 149.5 0.0 301.0

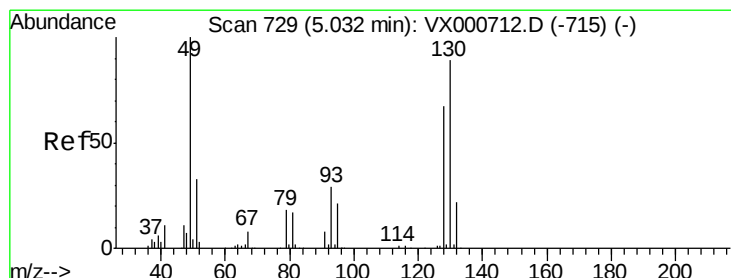
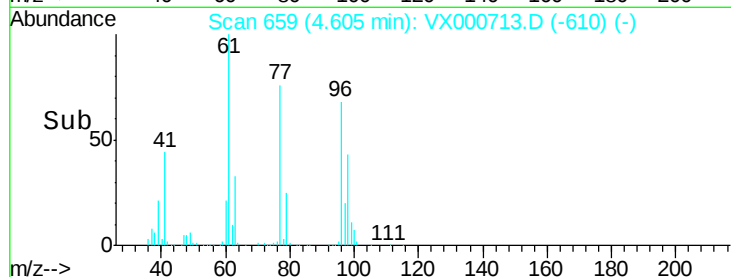
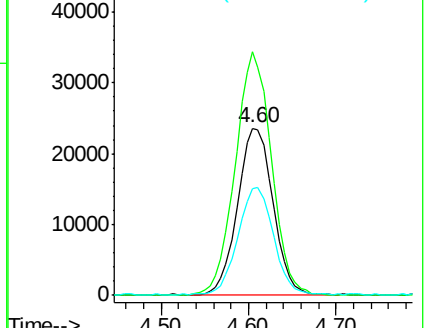
98 65.1 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 69.18 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

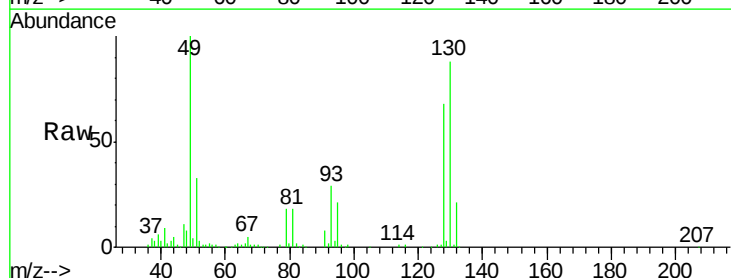
Tgt Ion: 49 Resp: 70140

Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.4

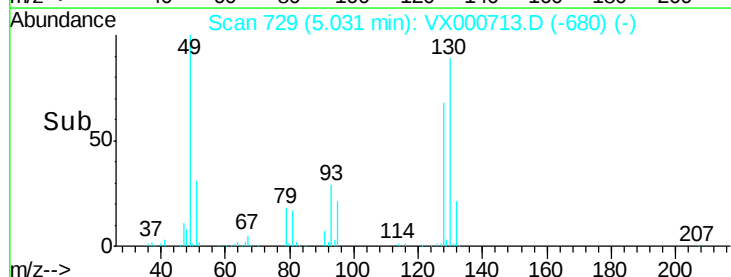
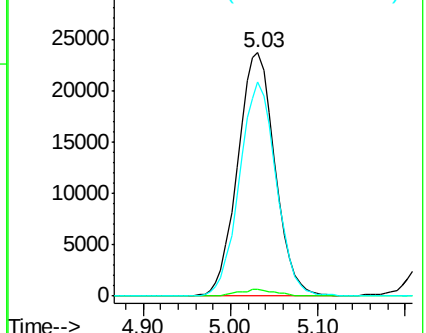
130 86.6 69.0 103.4

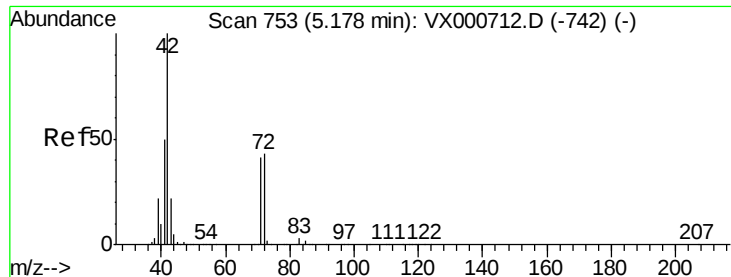


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

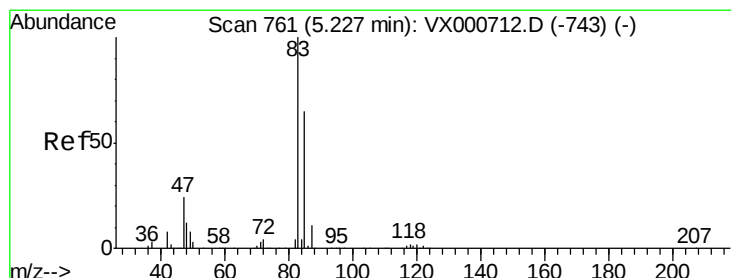
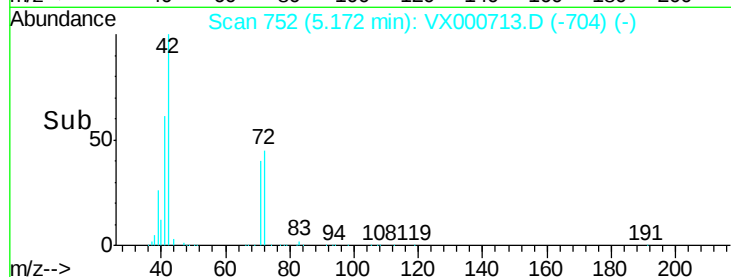
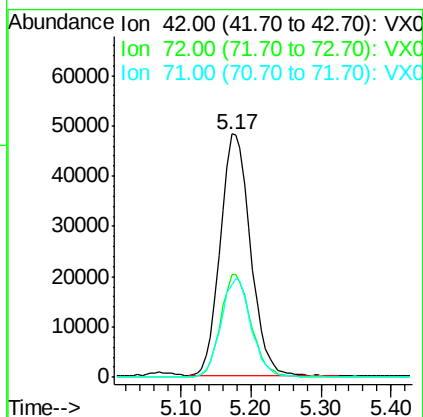
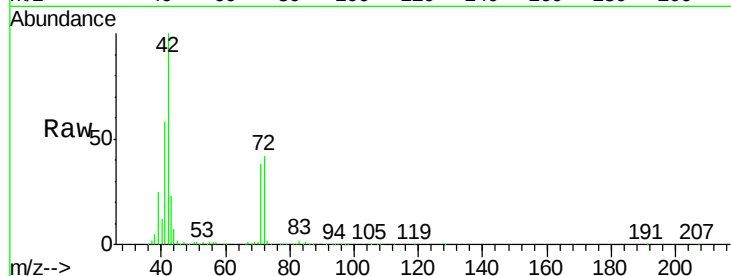




#29
Tetrahydrofuran
Concen: 220.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

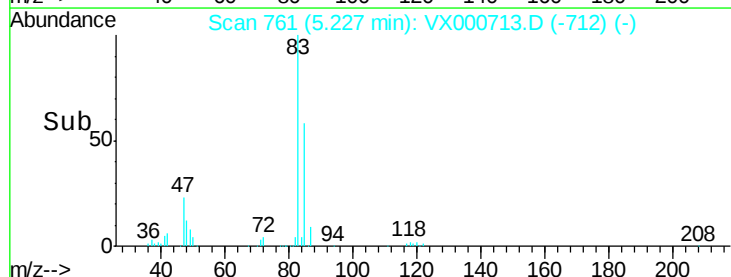
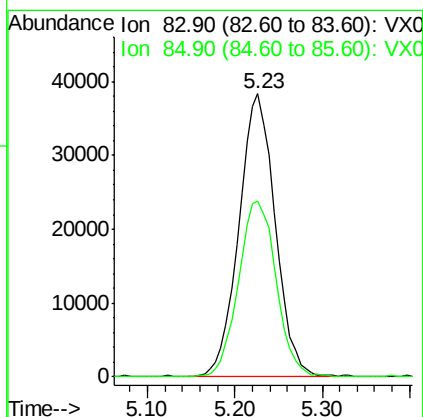
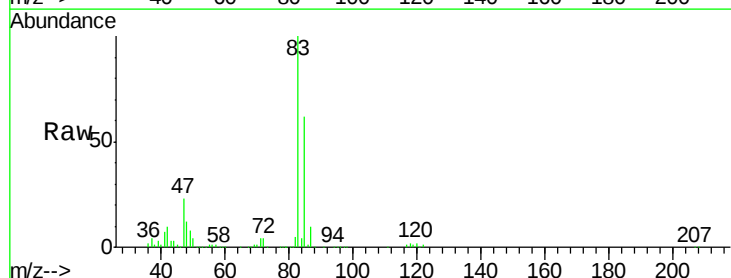
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

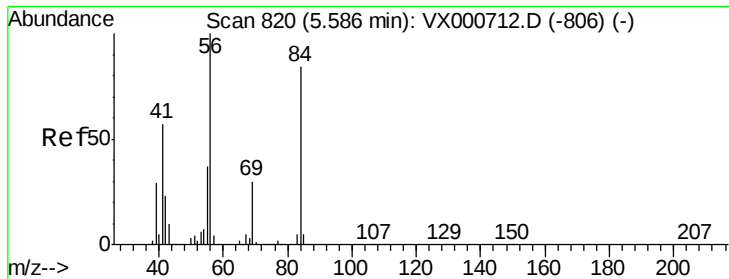
Tgt Ion: 42 Resp: 144517
Ion Ratio Lower Upper
42 100
72 42.9 34.4 51.6
71 40.3 32.0 48.0



#30
Chloroform
Concen: 44.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 83 Resp: 109439
Ion Ratio Lower Upper
83 100
85 62.2 52.3 78.5

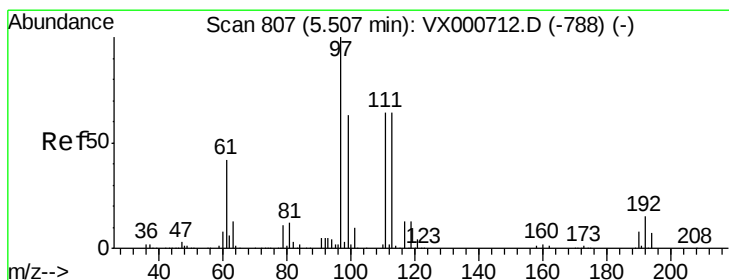
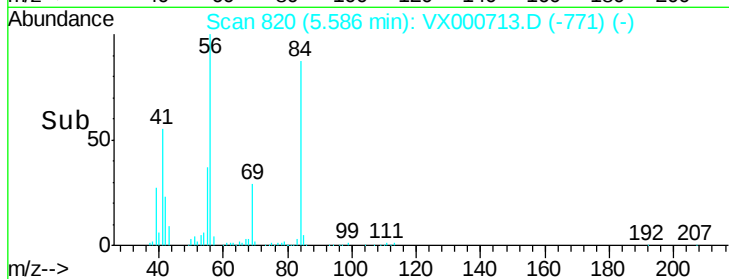
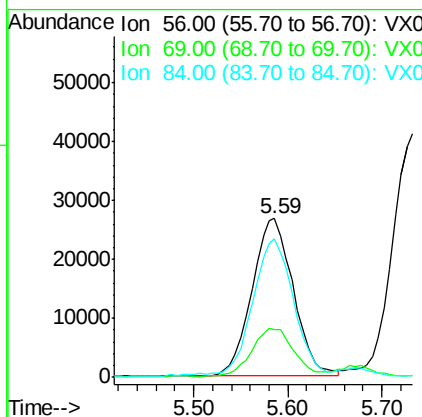
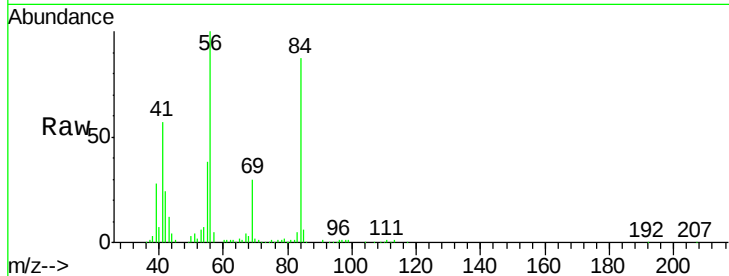




#31
Cyclohexane
Concen: 42.61 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

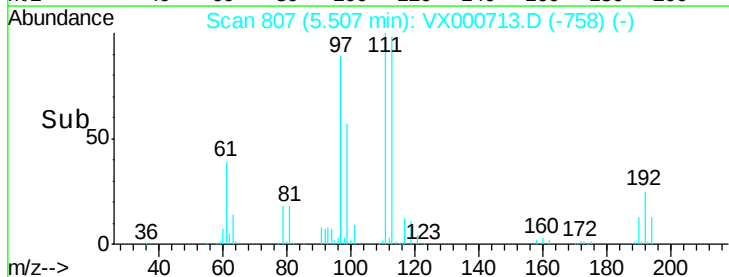
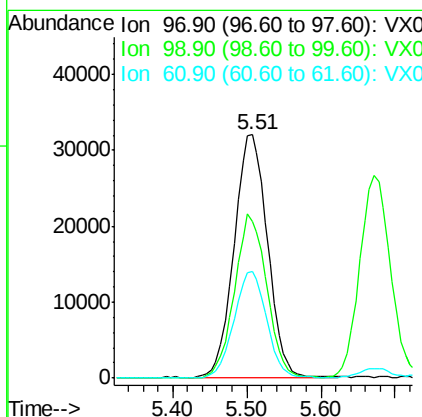
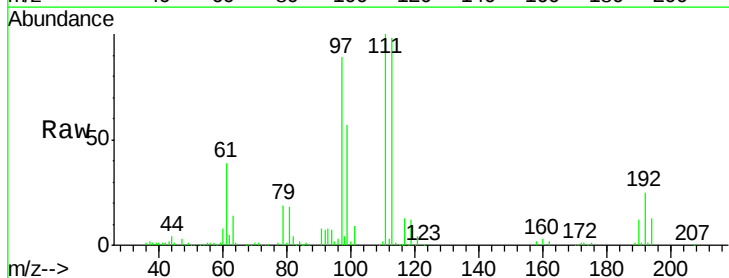
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

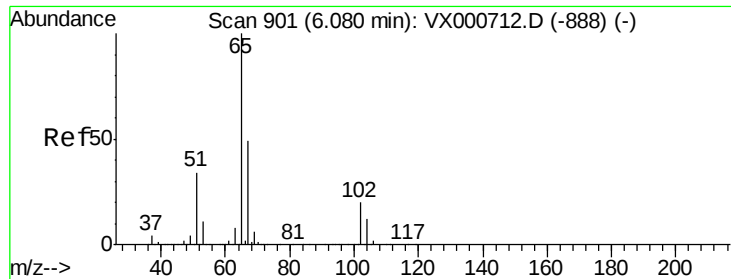
Tgt Ion: 56 Resp: 81712
Ion Ratio Lower Upper
56 100
69 29.2 23.8 35.6
84 85.7 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 42.67 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 97 Resp: 100371
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 73.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

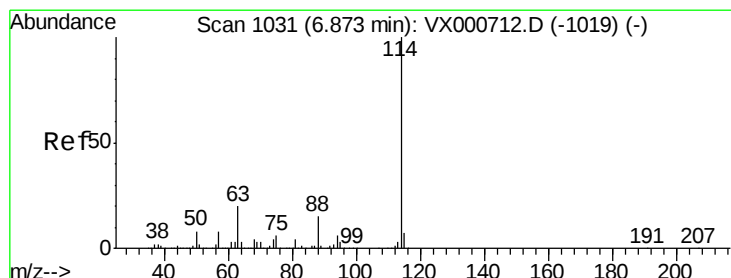
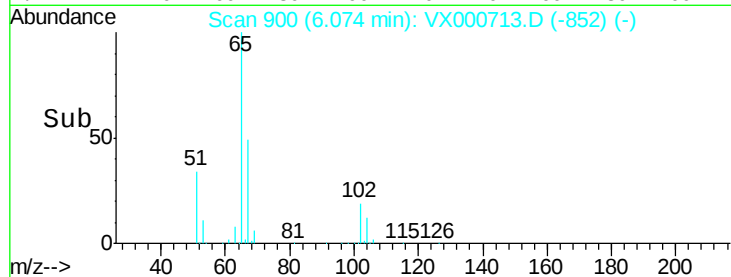
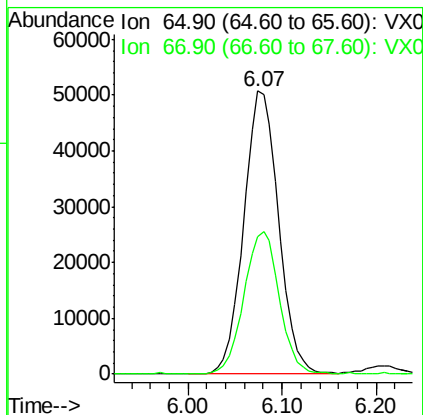
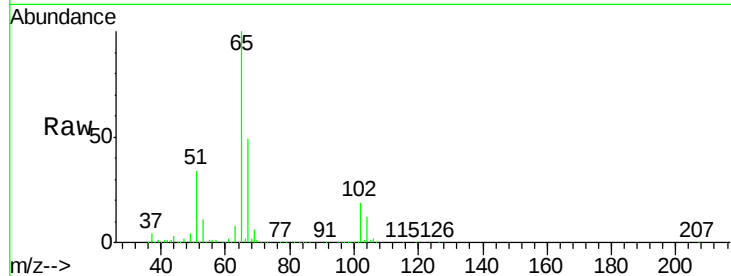
VSTDIC100

Tgt Ion: 65 Resp: 130574

Ion Ratio Lower Upper

65 100

67 50.5 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: VX000713.D

Acq: 07 Apr 2018 13:05

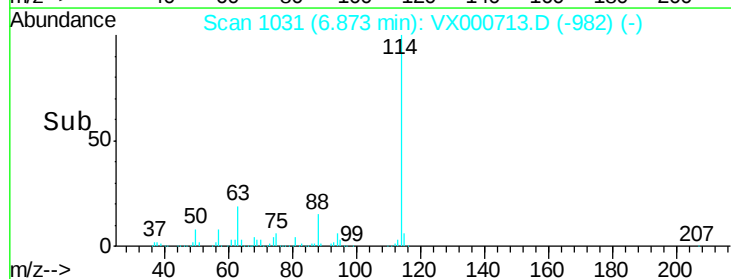
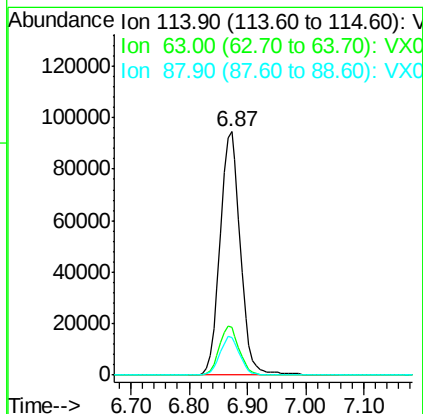
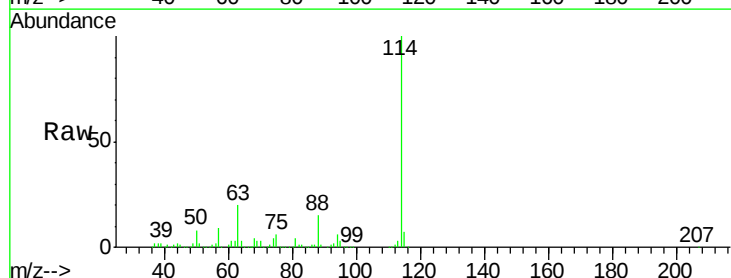
Tgt Ion: 114 Resp: 228586

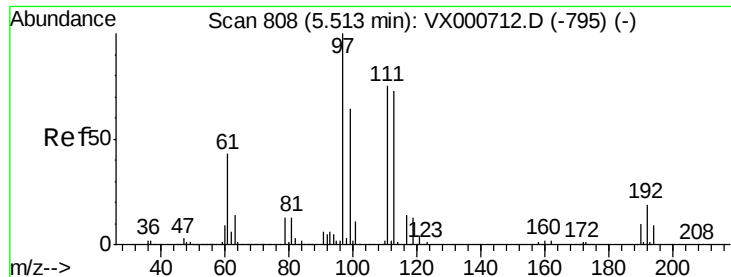
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 70.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

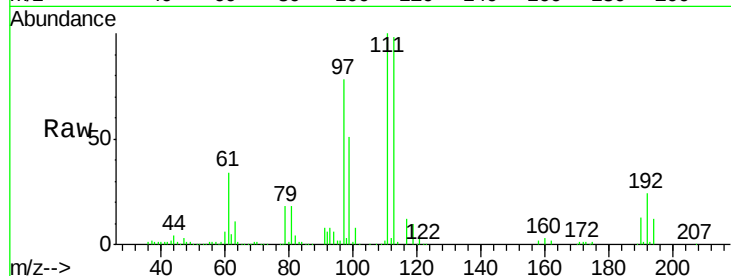
Tgt Ion:113 Resp: 105947

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

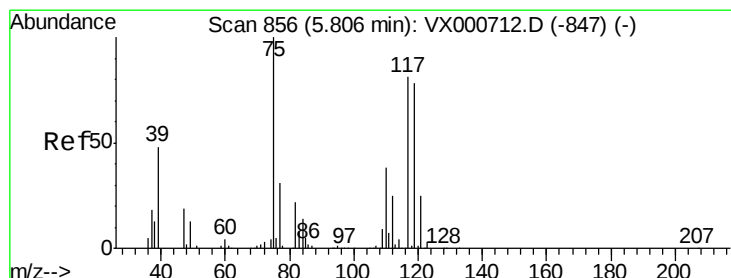
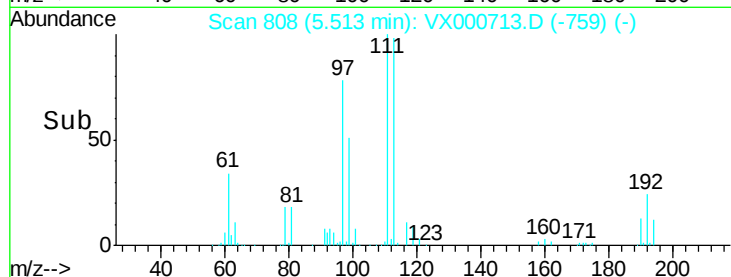
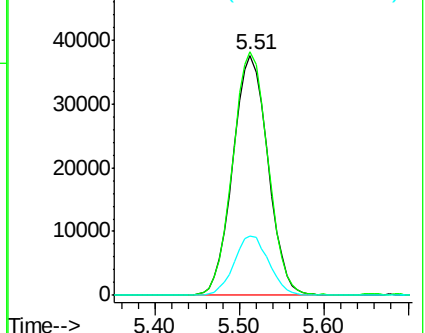
192 24.8 20.0 30.0



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: 42.13 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

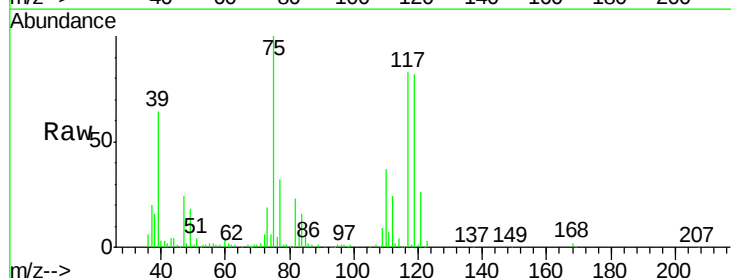
Tgt Ion: 75 Resp: 76284

Ion Ratio Lower Upper

75 100

110 38.7 18.6 56.0

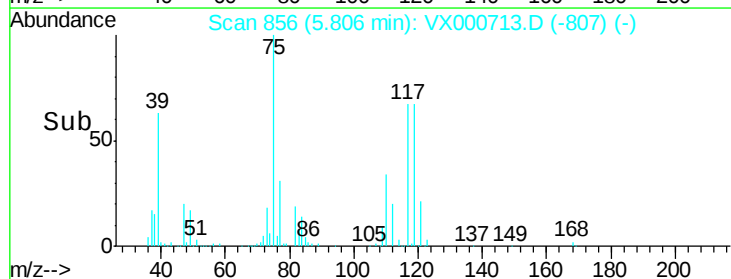
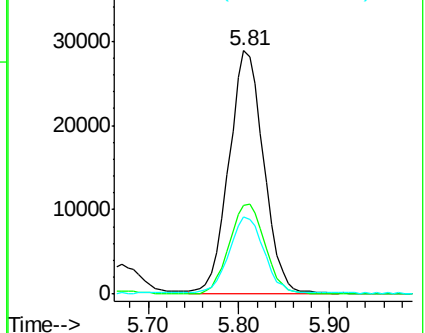
77 31.7 24.6 37.0

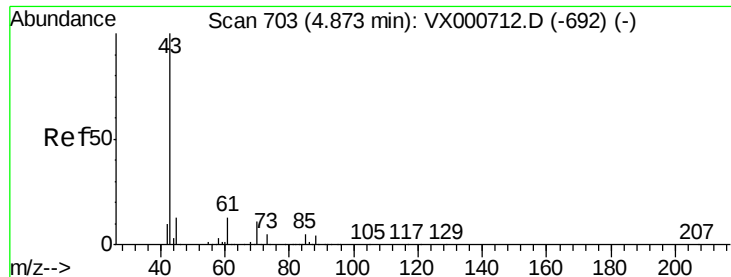


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

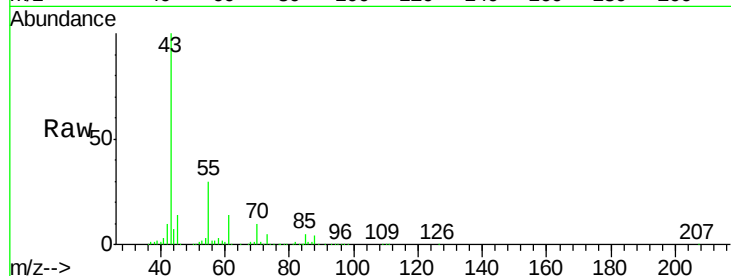




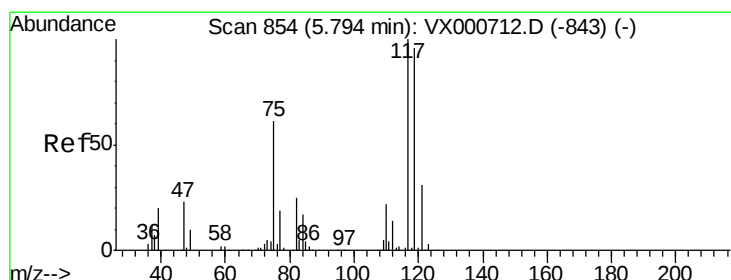
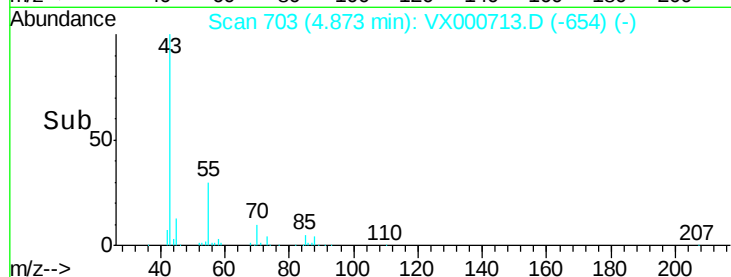
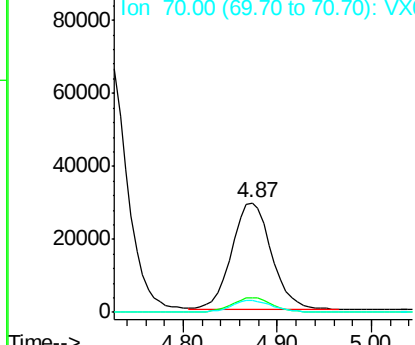
#37
Ethyl Acetate
Concen: 42.57 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 87502
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 10.8 8.4 12.6

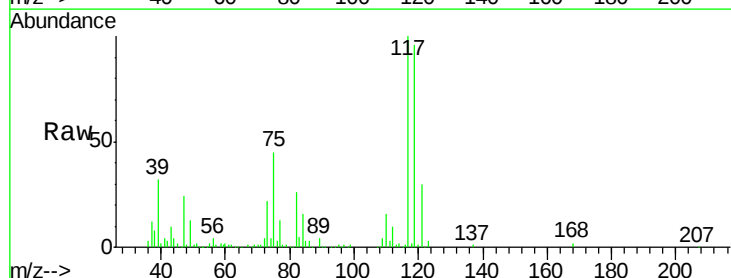


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

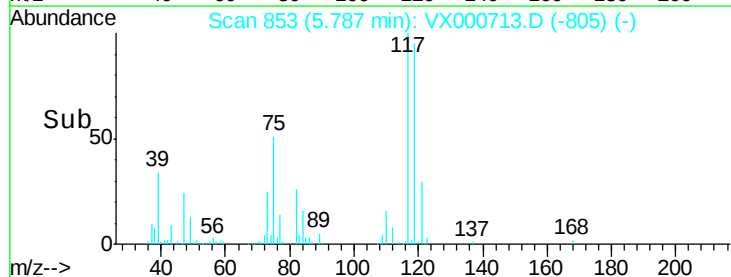
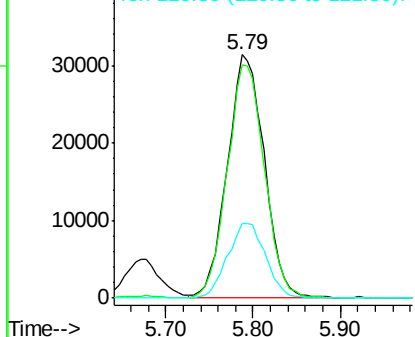


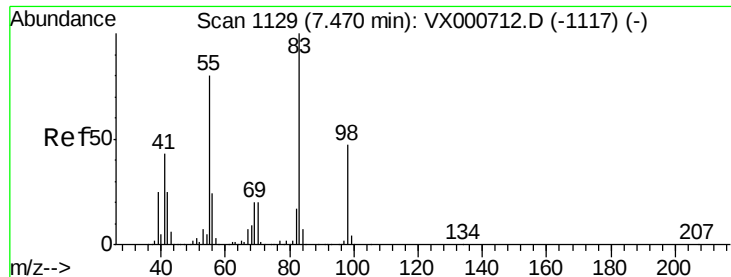
#38
Carbon Tetrachloride
Concen: 41.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 117 Resp: 91559
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
121 30.6 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

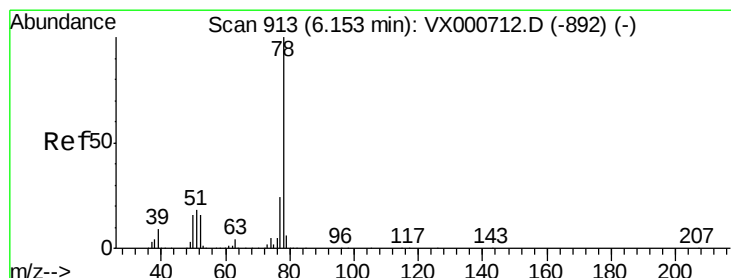
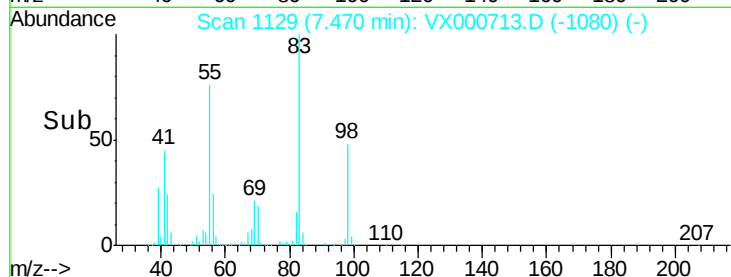
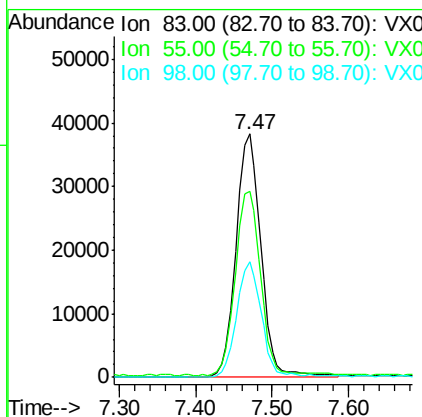
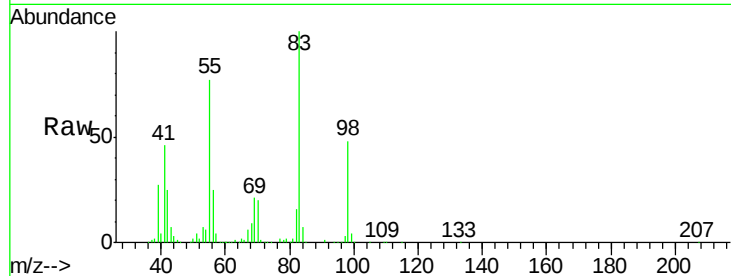




#39
Methylcyclohexane
Concen: 41.32 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

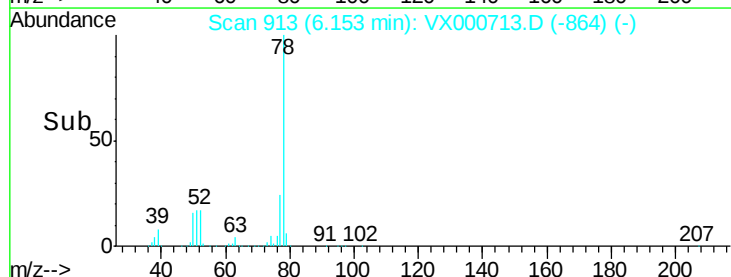
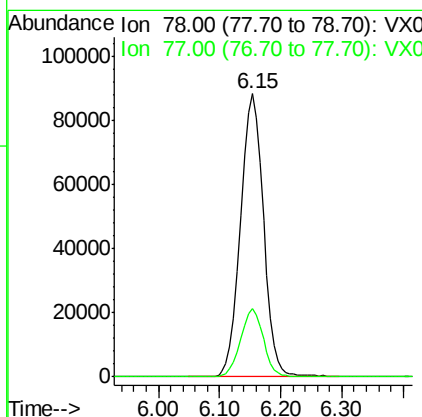
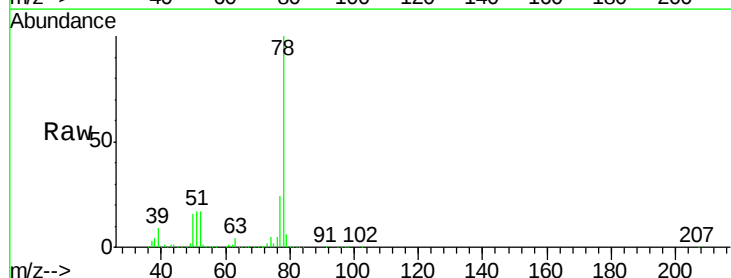
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

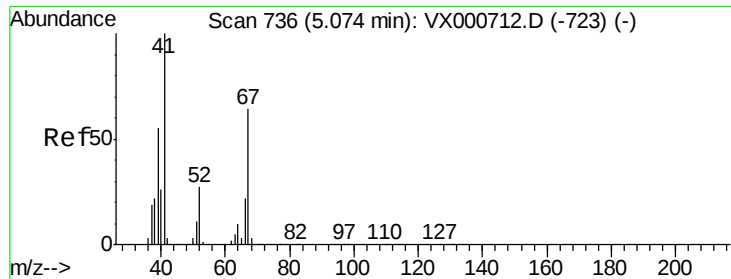
Tgt Ion: 83 Resp: 85977
Ion Ratio Lower Upper
83 100
55 75.6 63.7 95.5
98 47.4 37.2 55.8



#40
Benzene
Concen: 43.65 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 78 Resp: 230465
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 43.67 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 52886

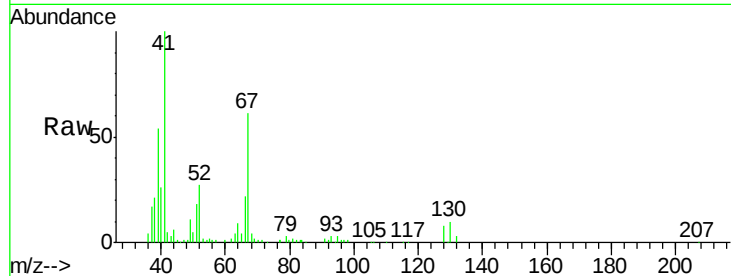
Ion Ratio Lower Upper

41 100

39 55.6 45.3 67.9

67 66.4 52.7 79.1

52 28.9 22.3 33.5

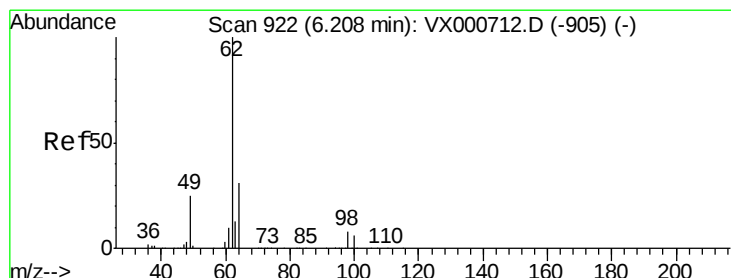
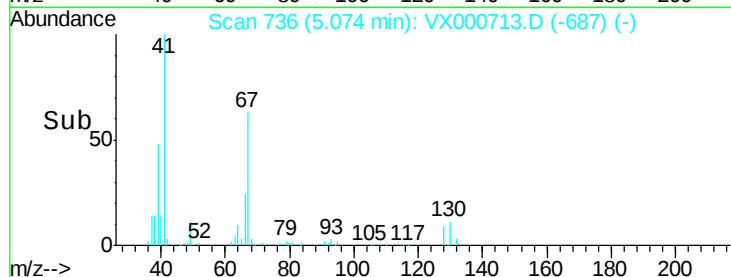
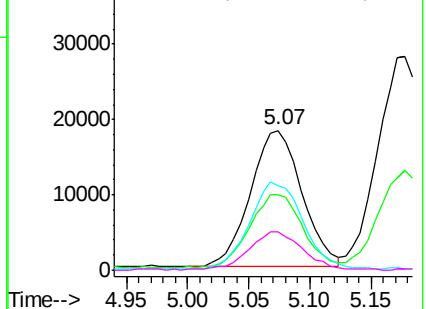


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.29 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000713.D

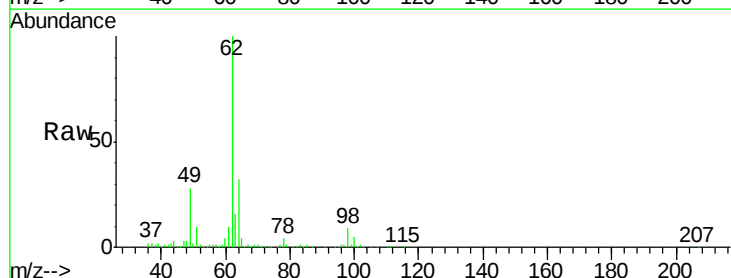
Acq: 07 Apr 2018 13:05

Tgt Ion: 62 Resp: 93087

Ion Ratio Lower Upper

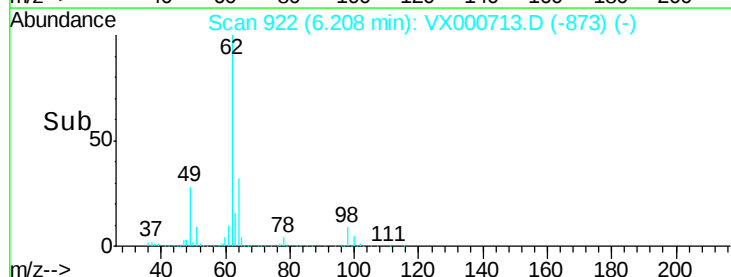
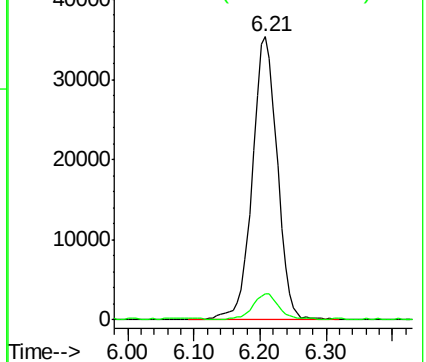
62 100

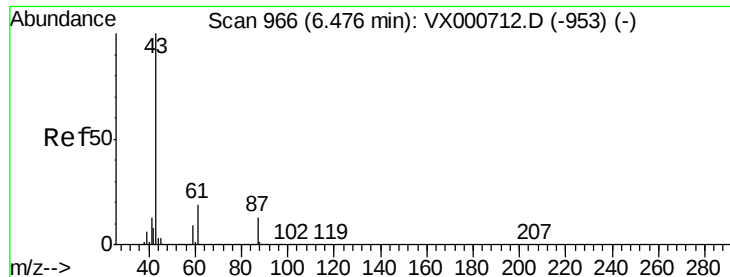
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 41.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

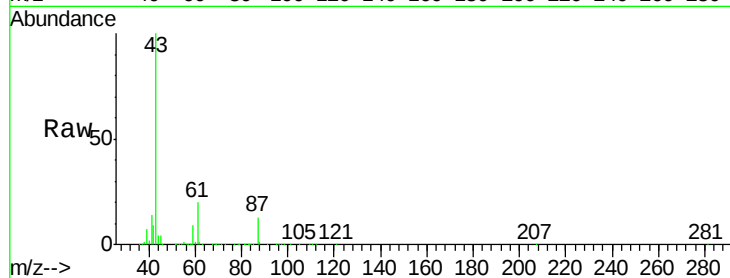
Tgt Ion: 43 Resp: 148903

Ion Ratio Lower Upper

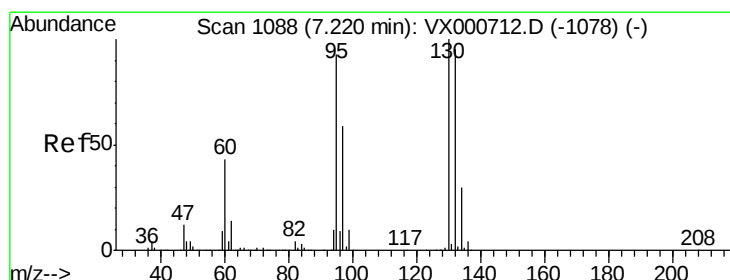
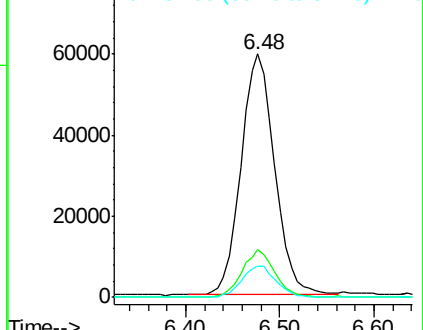
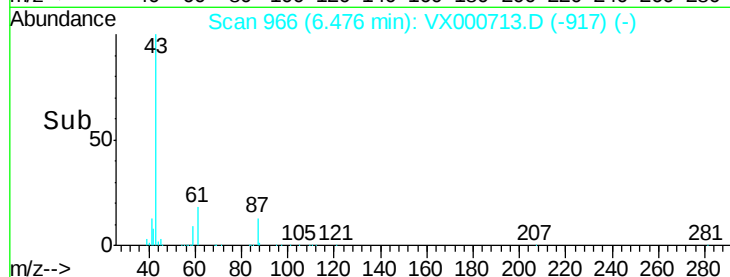
43 100

61 19.1 15.4 23.0

87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX000713.D (-917) (-)



#44

Trichloroethene

Concen: 42.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000713.D

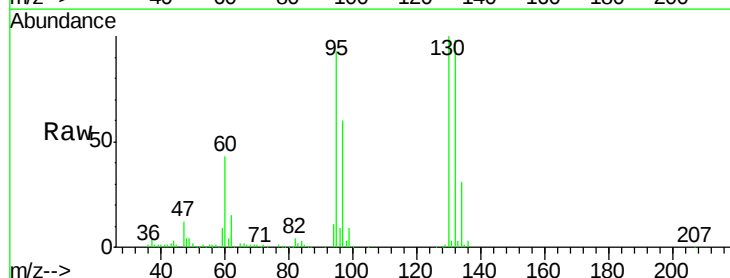
Acq: 07 Apr 2018 13:05

Tgt Ion: 130 Resp: 69590

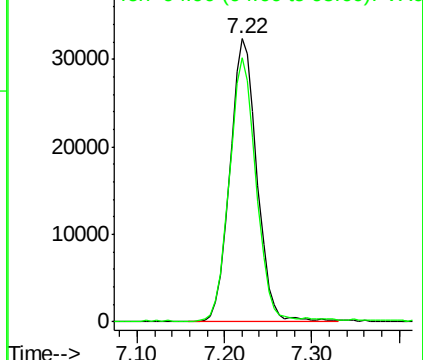
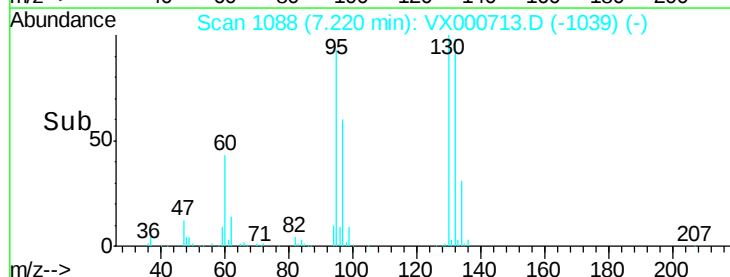
Ion Ratio Lower Upper

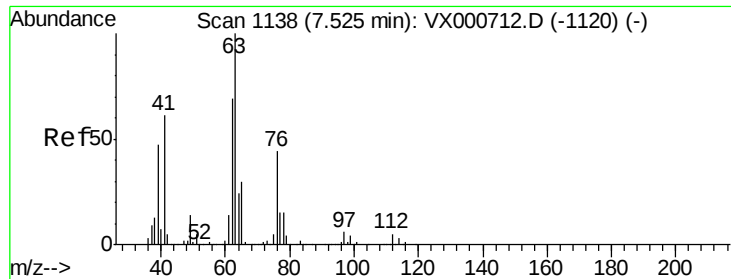
130 100

95 93.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX000713.D (-1039) (-)

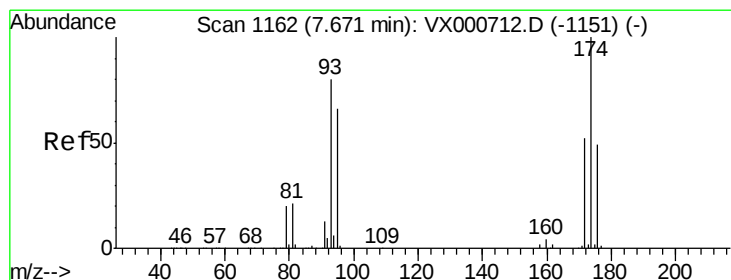
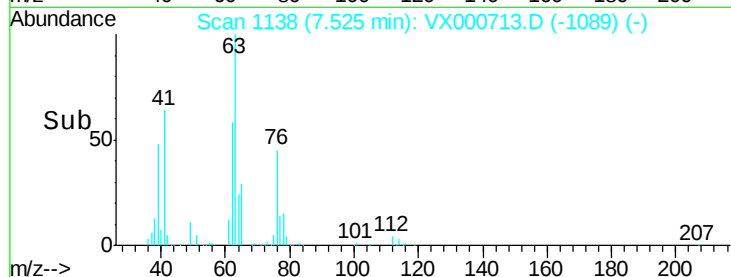
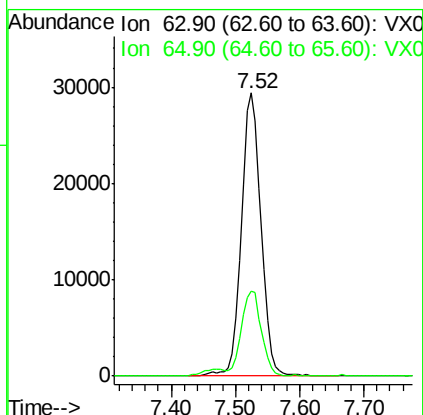
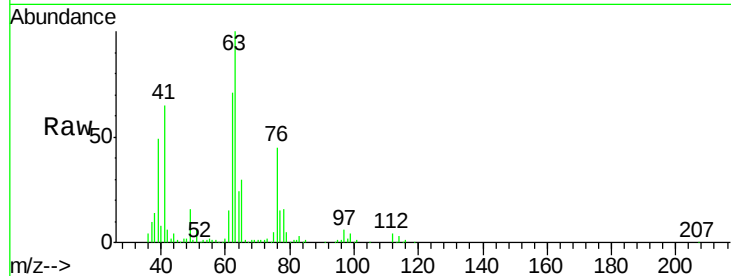




#45
 1,2-Dichloropropane
 Concen: 43.31 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

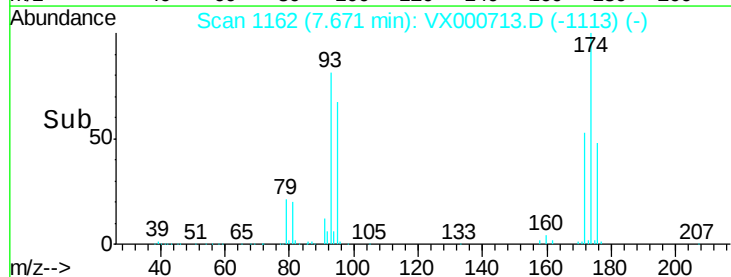
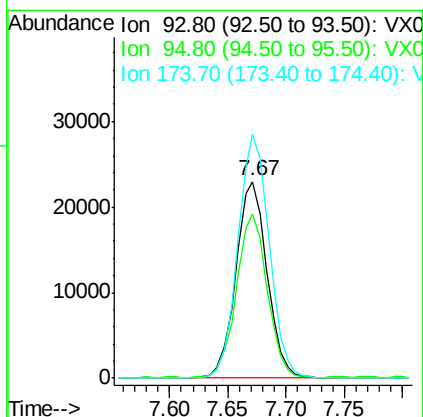
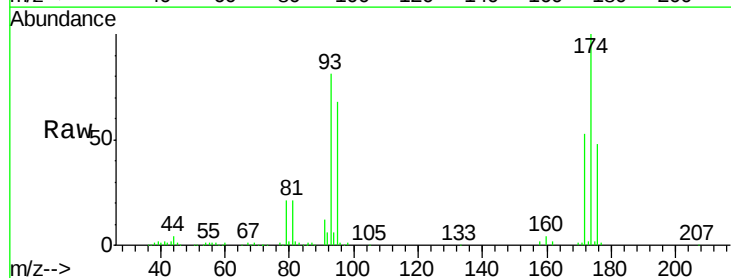
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

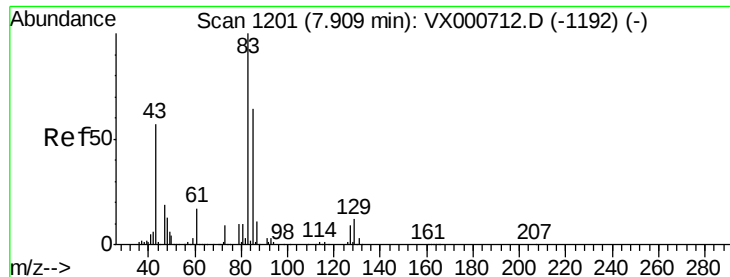
Tgt Ion: 63 Resp: 61644
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.2



#46
 Dibromomethane
 Concen: 44.09 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion: 93 Resp: 43013
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.0 99.0
 174 124.5 100.2 150.2





#47

Bromodichloromethane

Concen: 43.07 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

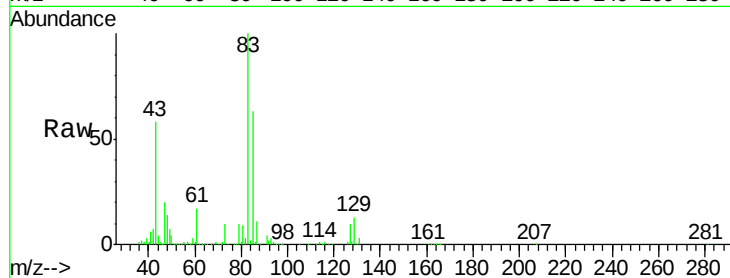
Tgt Ion: 83 Resp: 88672

Ion Ratio Lower Upper

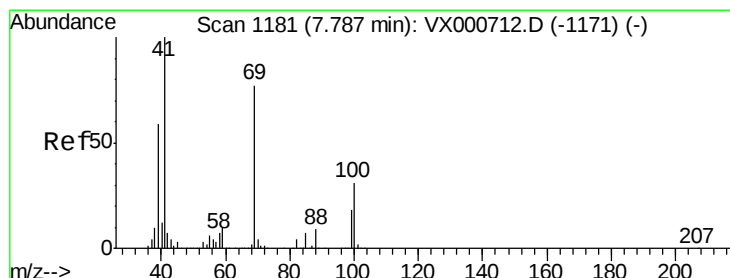
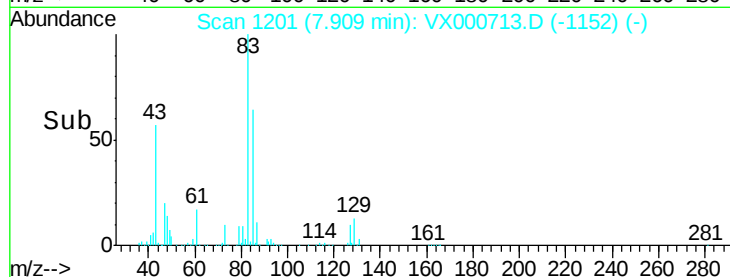
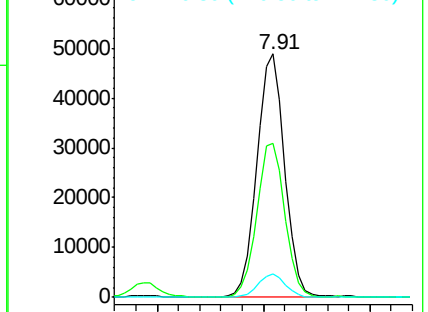
83 100

85 63.3 51.0 76.4

127 9.7 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: 42.07 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

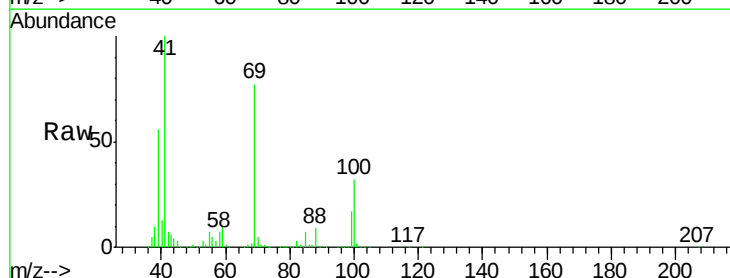
Tgt Ion: 41 Resp: 77962

Ion Ratio Lower Upper

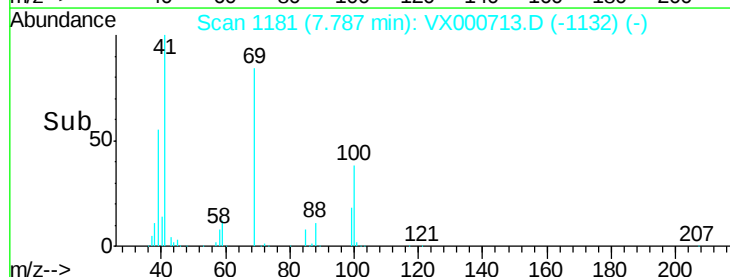
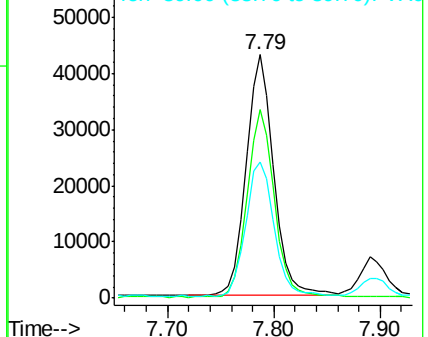
41 100

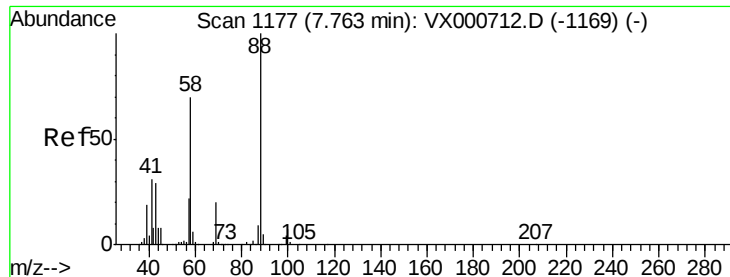
69 76.8 62.0 93.0

39 57.6 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: 870.16 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

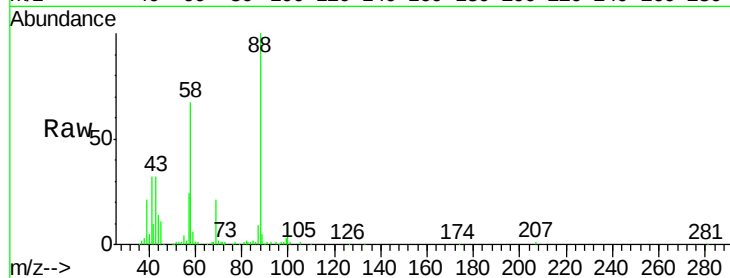
Tgt Ion: 88 Resp: 32680

Ion Ratio Lower Upper

88 100

43 35.1 27.9 41.9

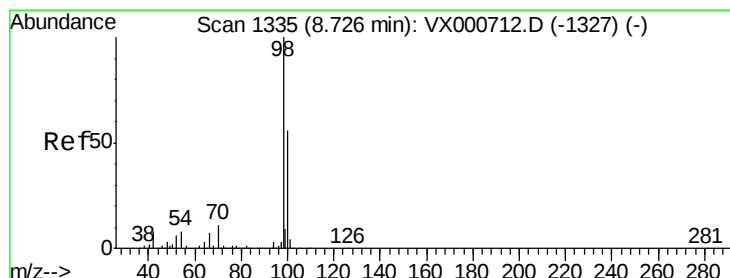
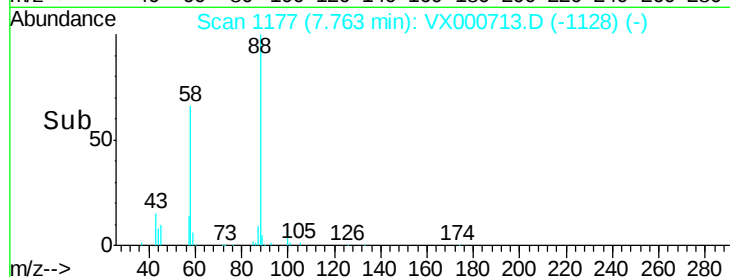
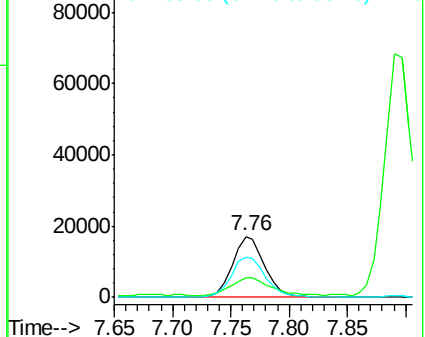
58 72.2 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 70.32 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000713.D

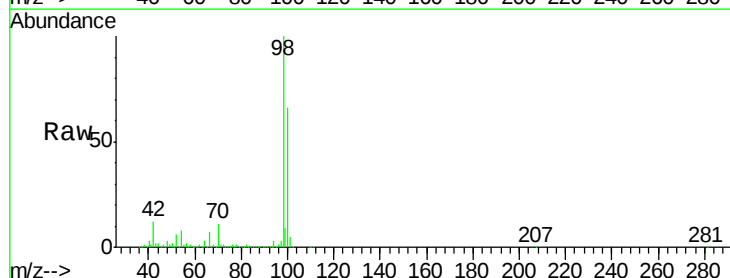
Acq: 07 Apr 2018 13:05

Tgt Ion: 98 Resp: 385467

Ion Ratio Lower Upper

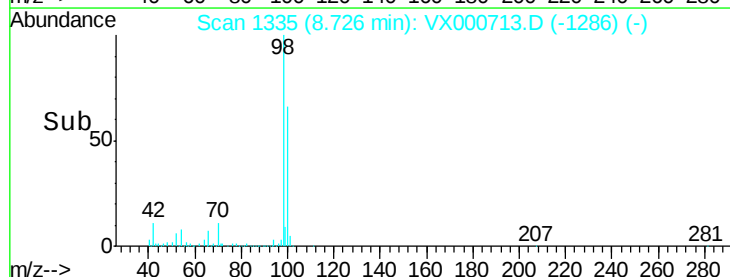
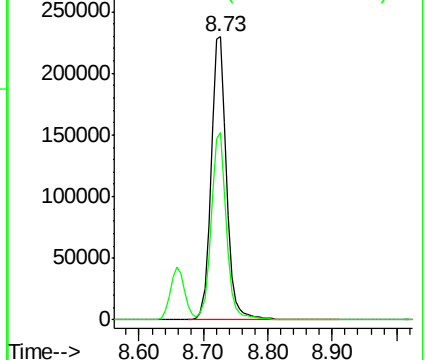
98 100

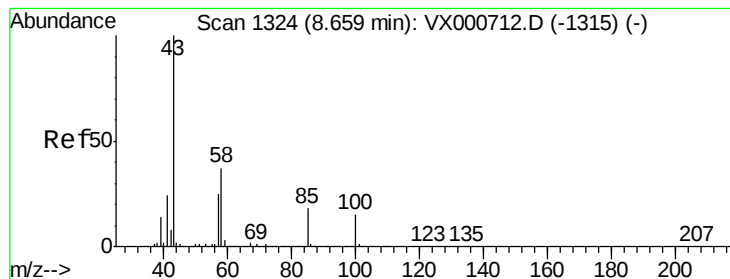
100 65.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 208.79 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

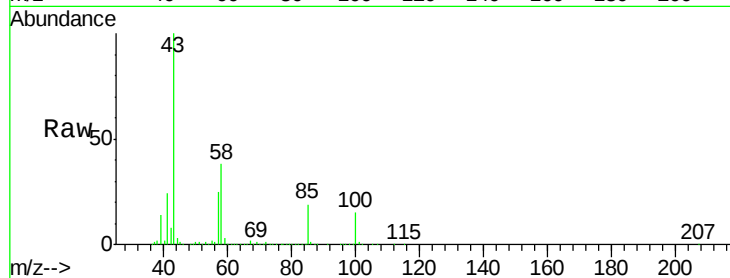
VSTDIC100

Tgt Ion: 43 Resp: 448298

Ion Ratio Lower Upper

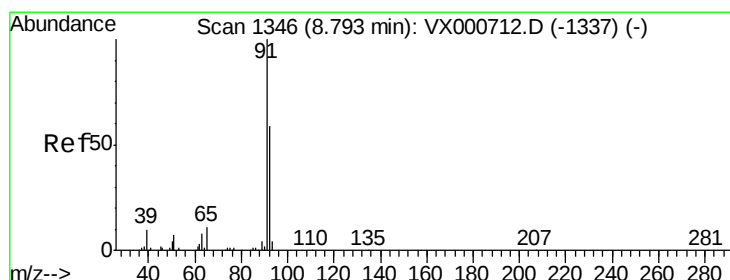
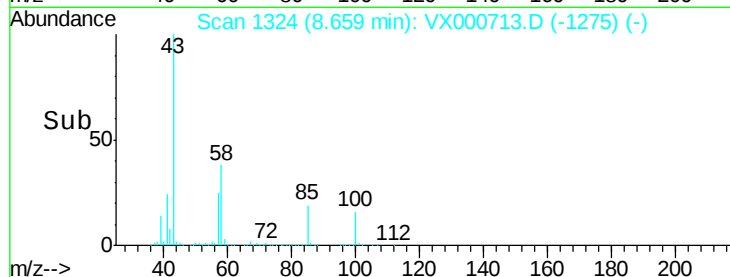
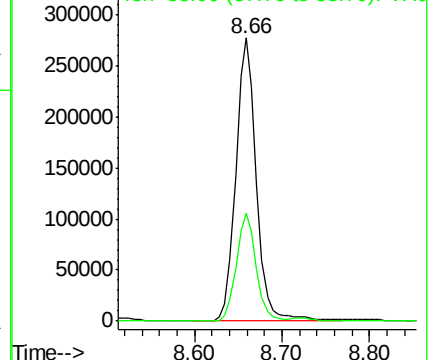
43 100

58 36.9 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 42.29 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000713.D

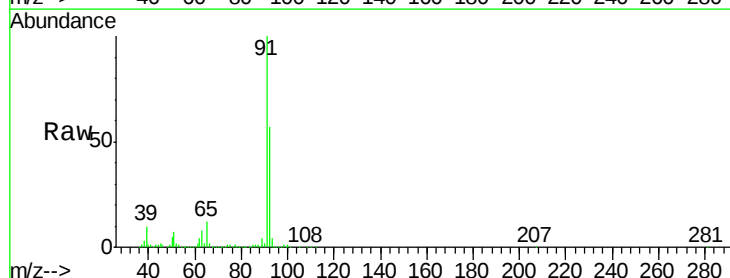
Acq: 07 Apr 2018 13:05

Tgt Ion: 92 Resp: 149128

Ion Ratio Lower Upper

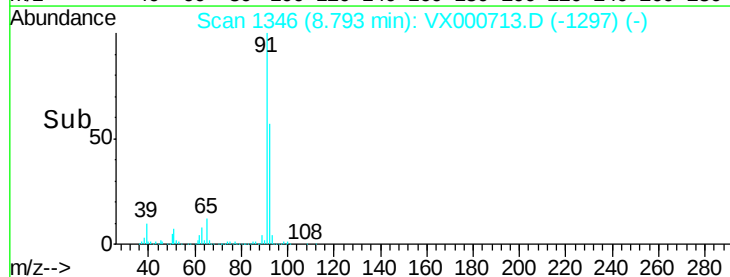
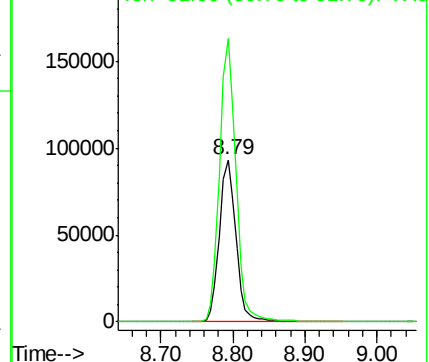
92 100

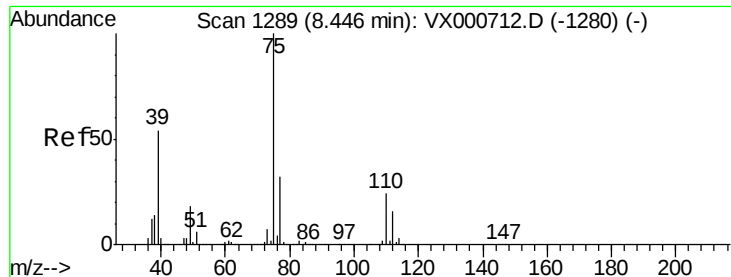
91 172.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 43.19 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

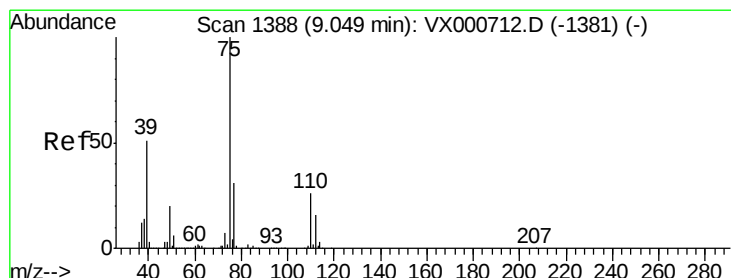
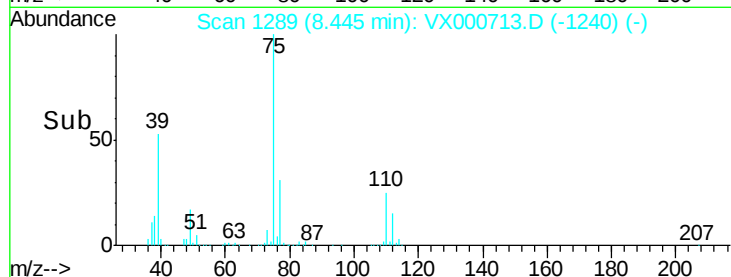
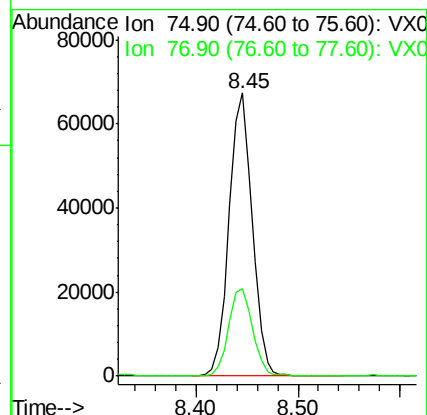
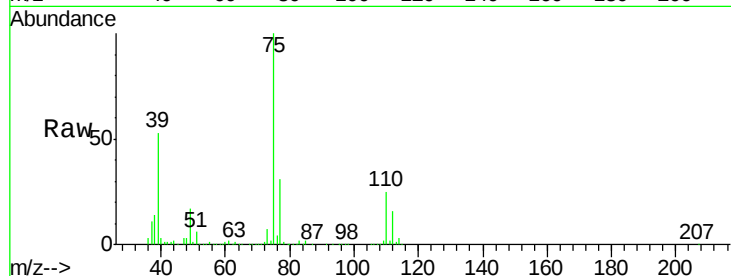
VSTDIC100

Tgt Ion: 75 Resp: 105600

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 42.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

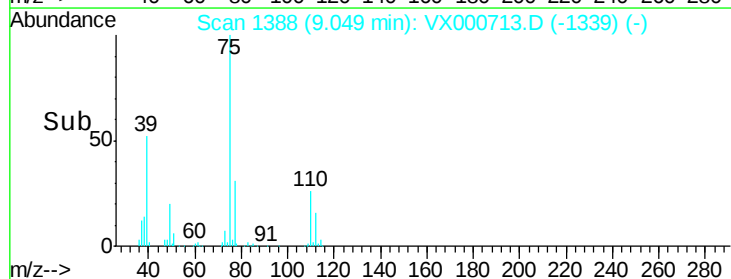
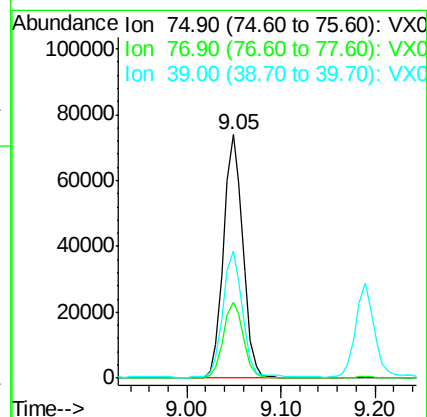
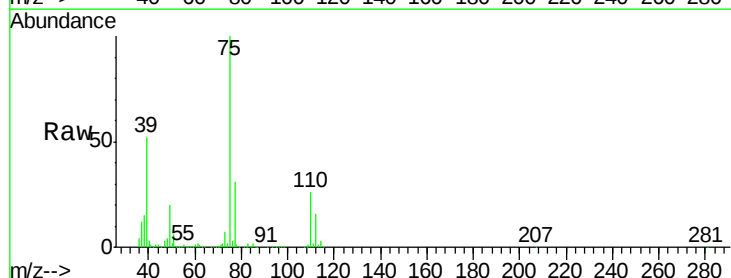
Tgt Ion: 75 Resp: 105056

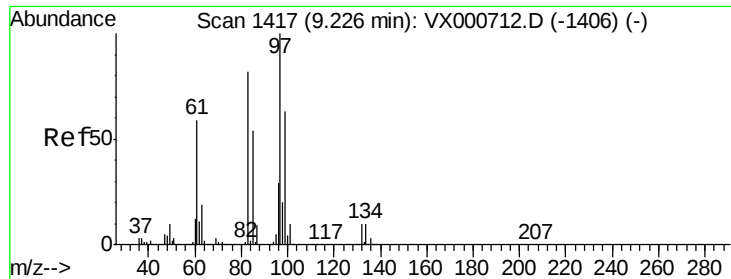
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 51.8 40.5 60.7

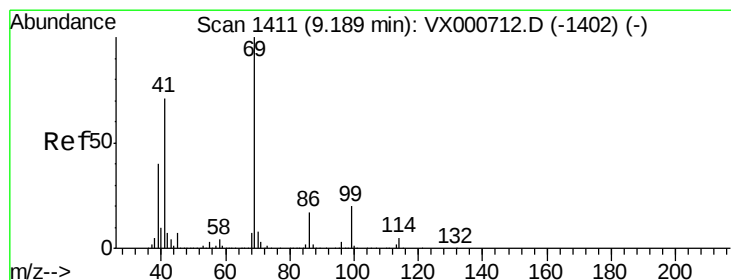
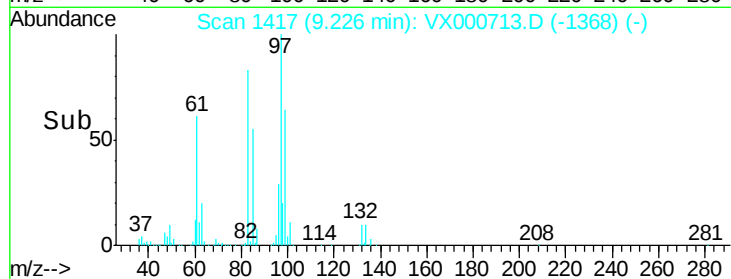
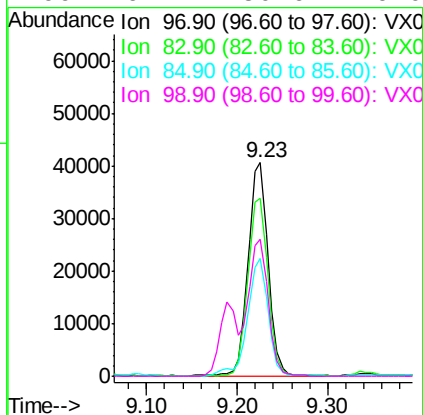
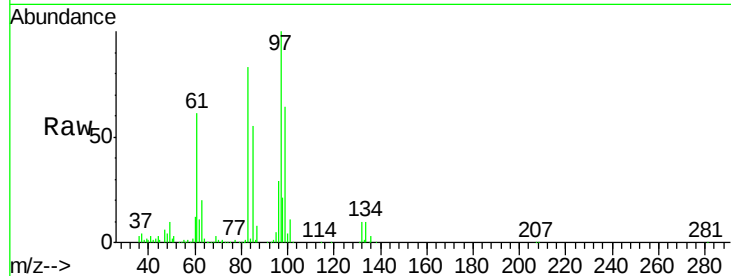




#55
 1,1,2-Trichloroethane
 Concen: 42.27 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

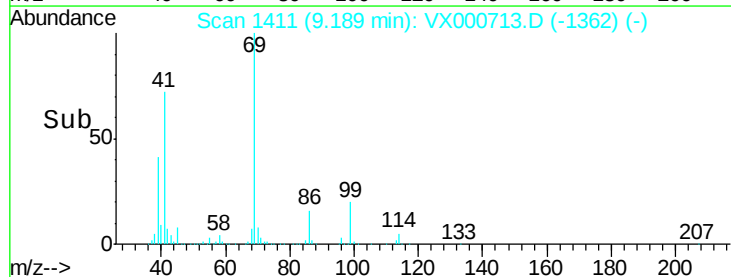
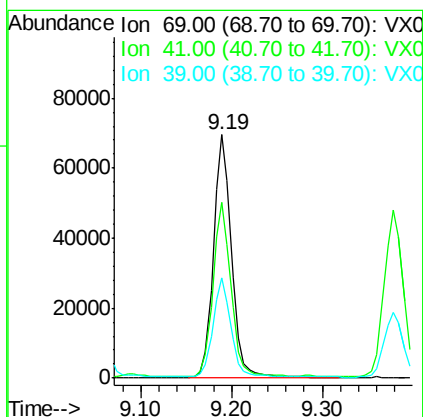
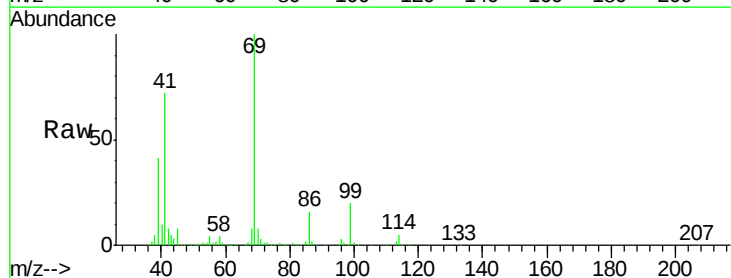
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

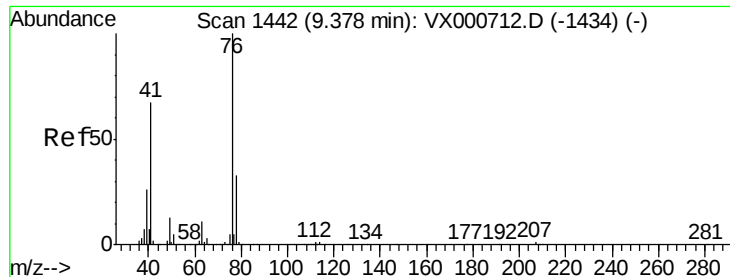
Tgt Ion:	97	Resp:	61620
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.7	98.5
85	55.0	42.8	64.2
99	64.1	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 40.85 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion:	69	Resp:	96805
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.4	84.6
39	40.7	31.4	47.2





#57

1,3-Dichloropropane

Concen: 43.54 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

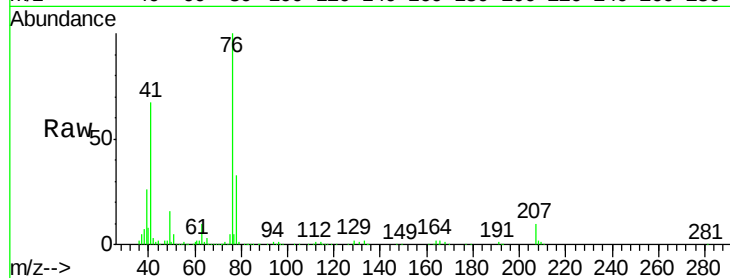
VSTDIC100

Tgt Ion: 76 Resp: 102011

Ion Ratio Lower Upper

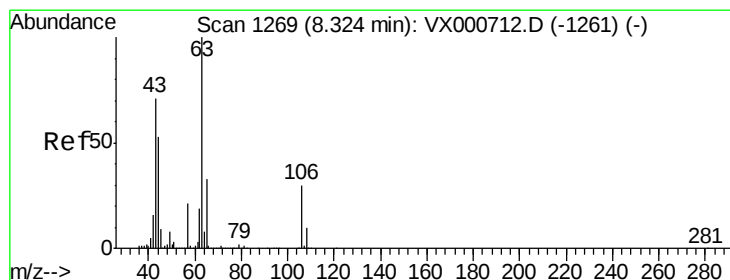
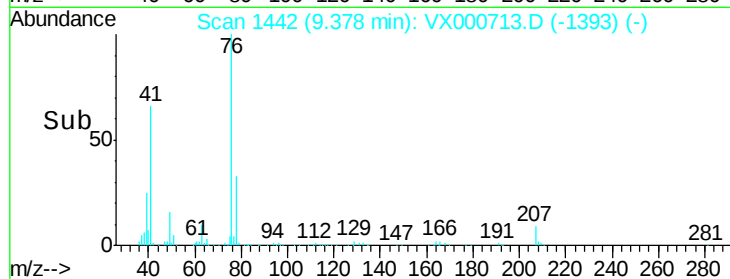
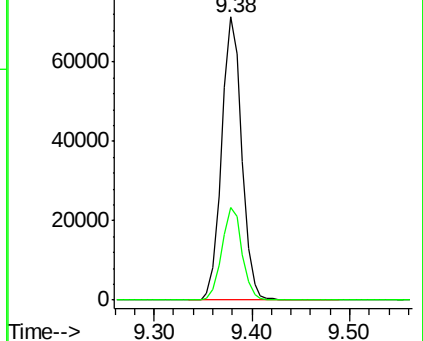
76 100

78 33.0 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: 125.15 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000713.D

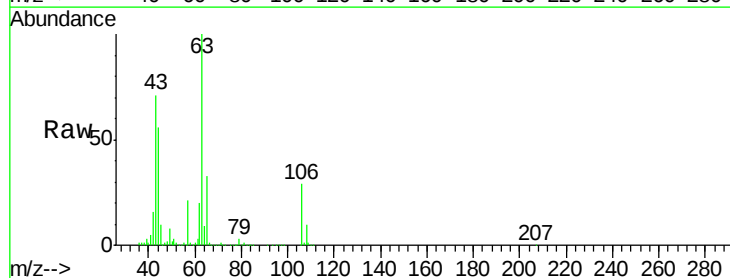
Acq: 07 Apr 2018 13:05

Tgt Ion: 63 Resp: 125591

Ion Ratio Lower Upper

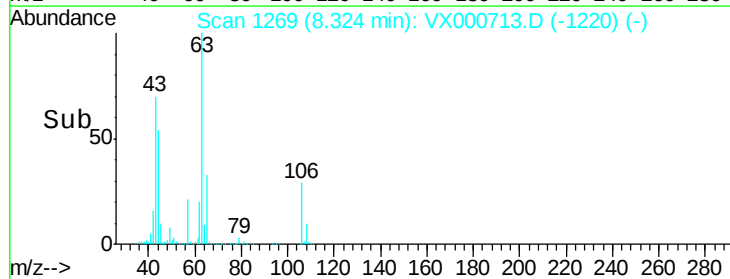
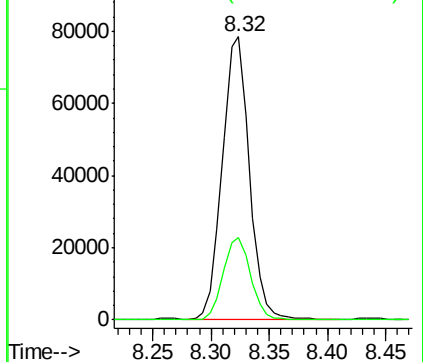
63 100

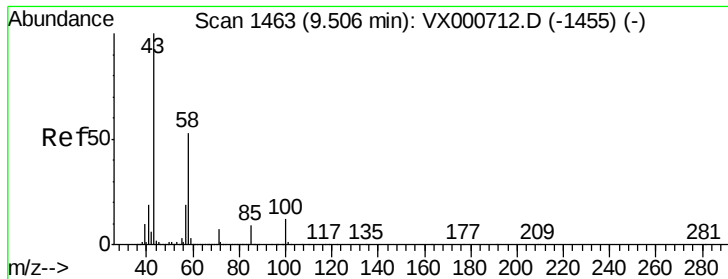
106 29.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

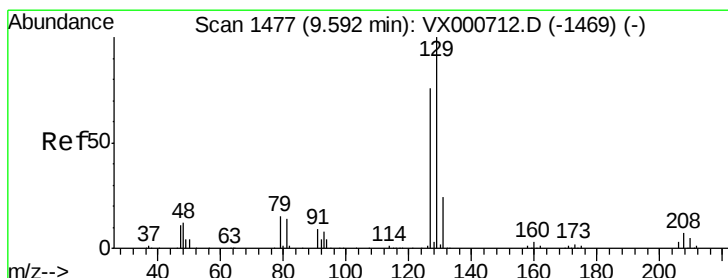
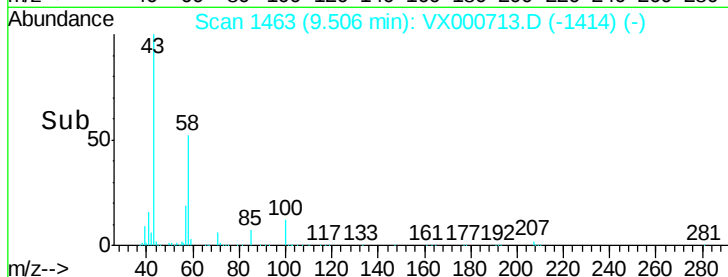
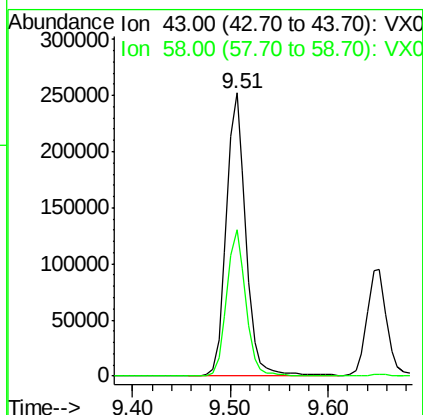
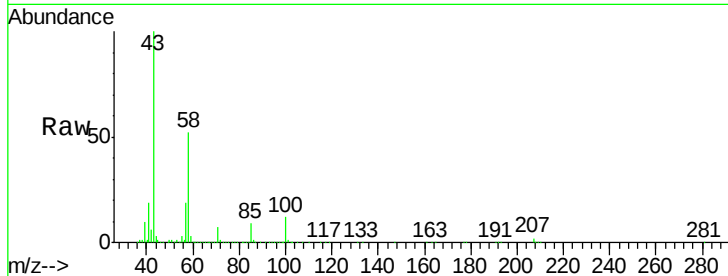




#59
2-Hexanone
Concen: 208.55 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

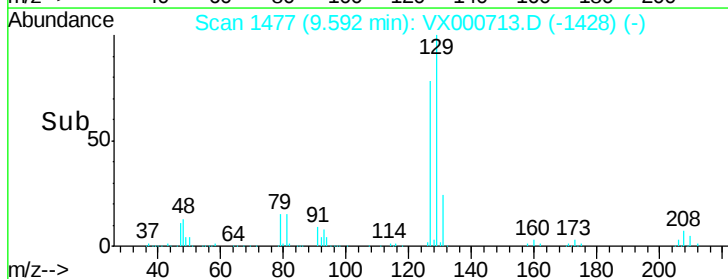
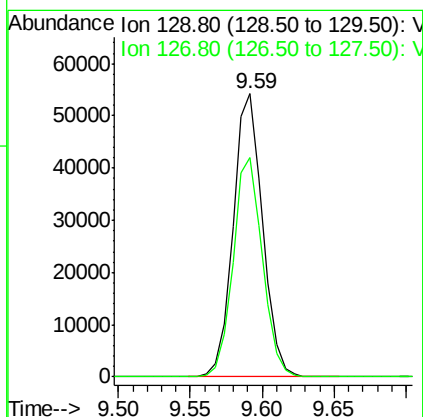
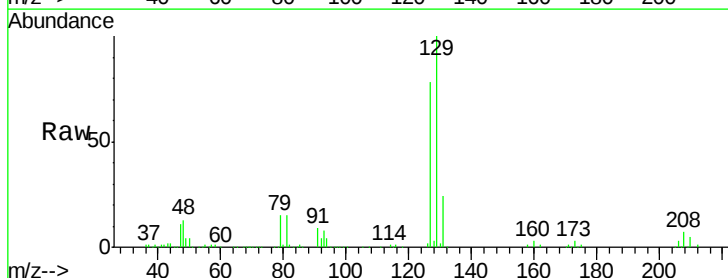
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

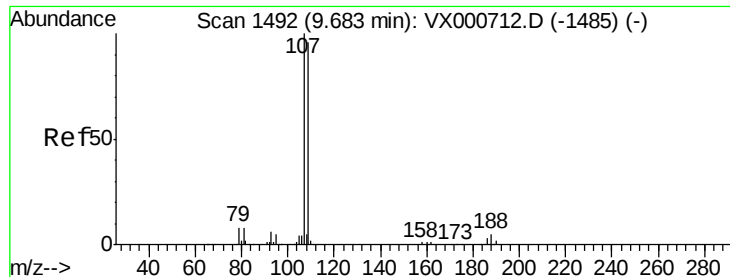
Tgt Ion: 43 Resp: 344322
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 42.13 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 129 Resp: 77158
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 42.83 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

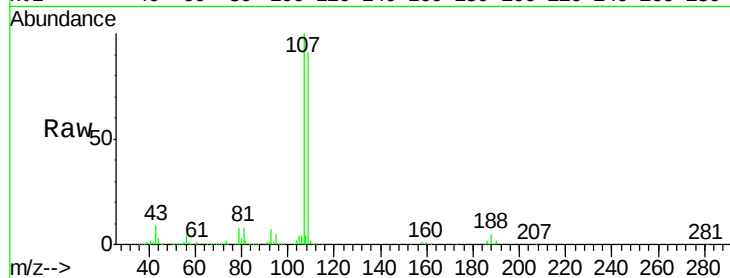
VSTDIC100

Tgt Ion: 107 Resp: 66414

Ion Ratio Lower Upper

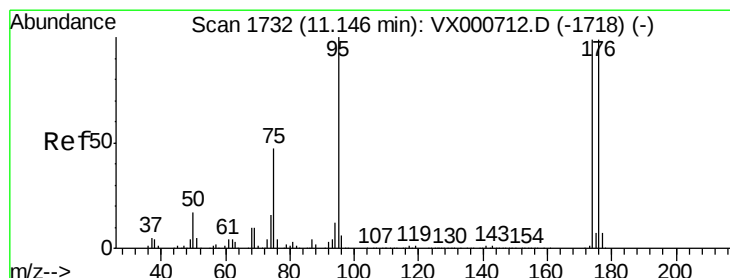
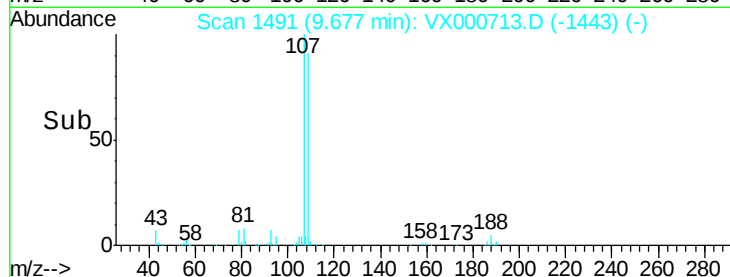
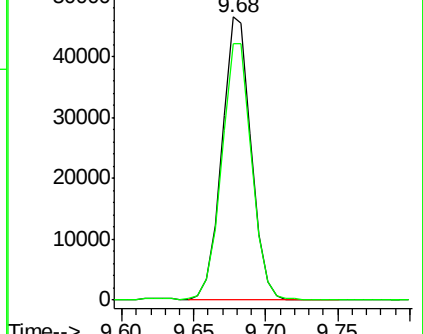
107 100

109 93.2 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 70.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

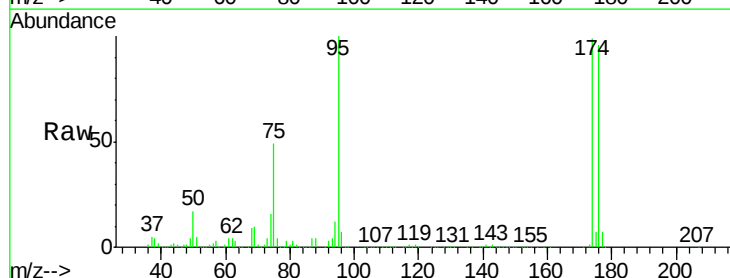
Tgt Ion: 95 Resp: 156843

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.6

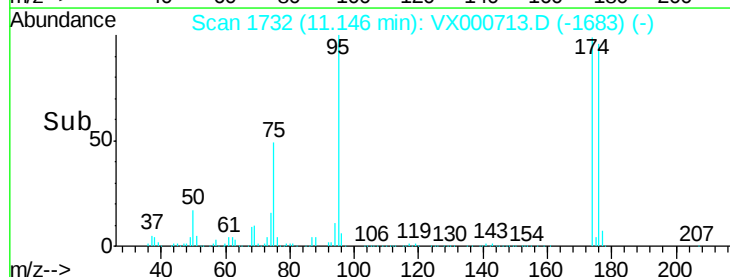
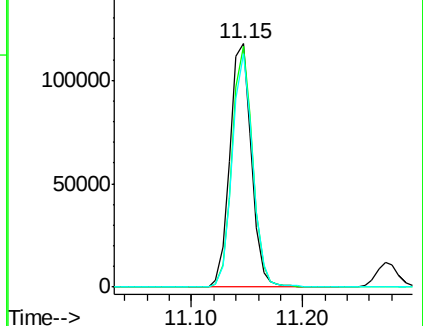
176 91.8 0.0 187.0

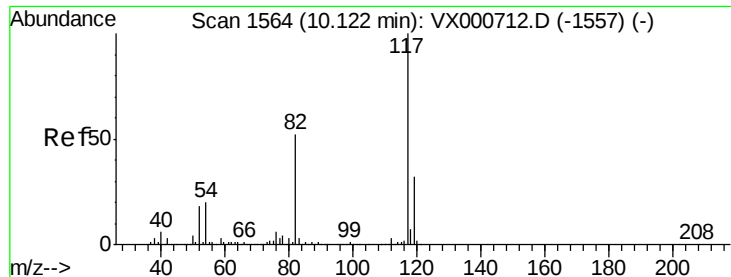


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

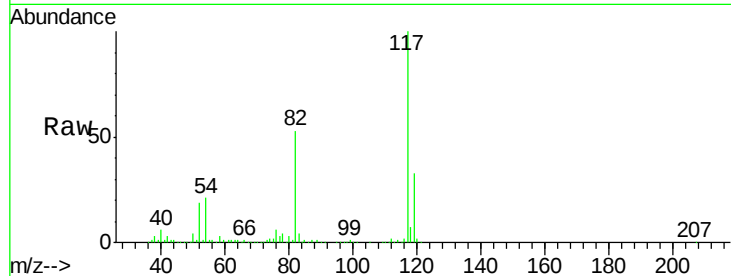




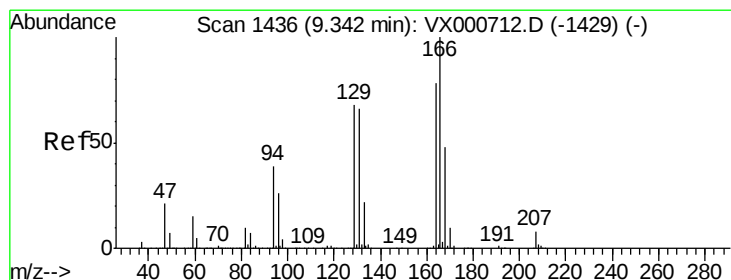
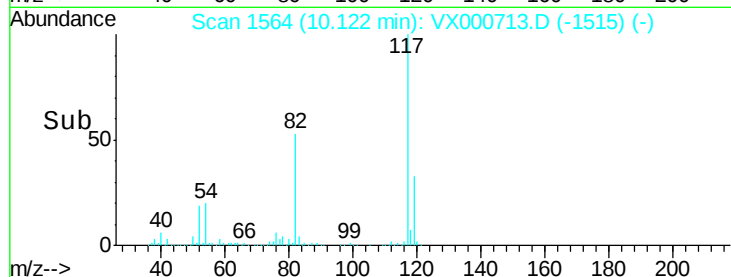
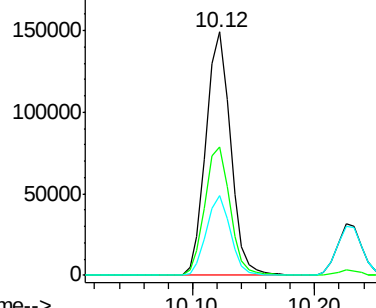
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.9	62.9
119	32.6	25.8	38.8



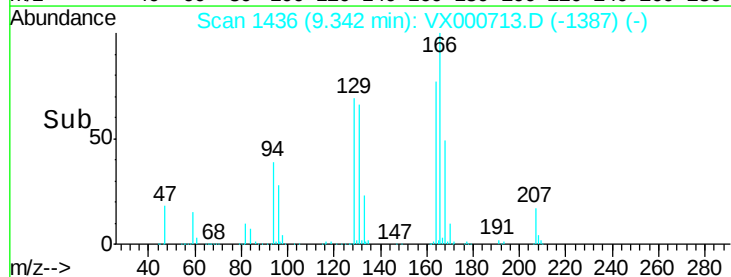
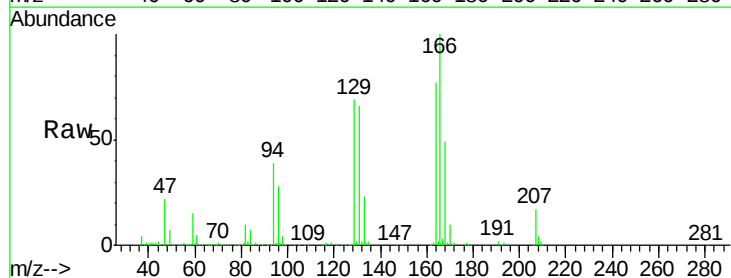
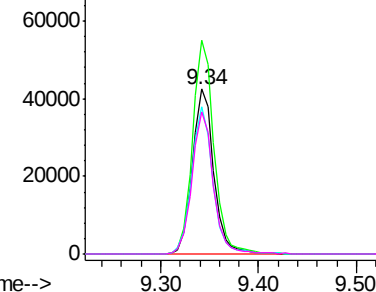
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

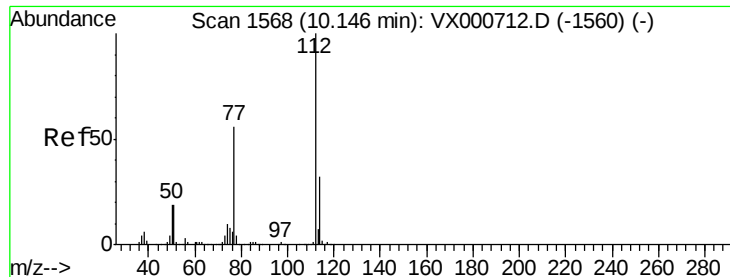


#64
Tetrachloroethene
Concen: 41.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.4	153.6
129	89.5	69.3	103.9
131	86.0	67.7	101.5

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





#65

Chlorobenzene

Concen: 43.10 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

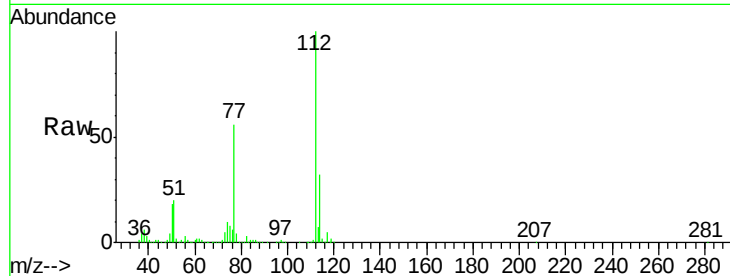
VSTDIC100

Tgt Ion:112 Resp: 177891

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

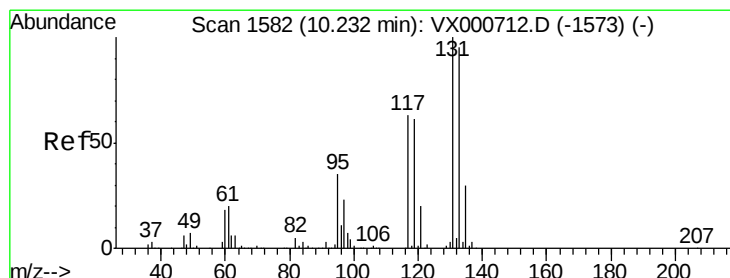
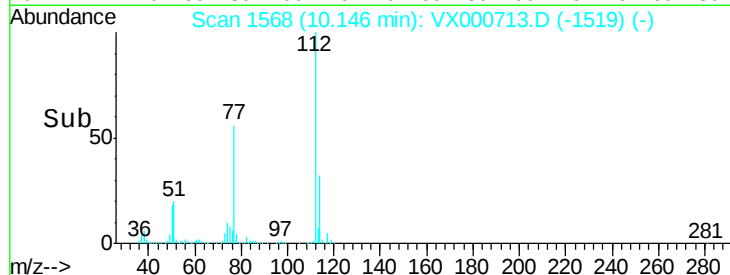
10.15

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 42.91 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

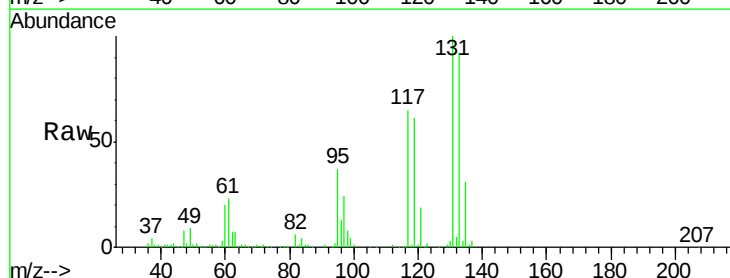
Tgt Ion:131 Resp: 69674

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 62.5 31.5 94.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

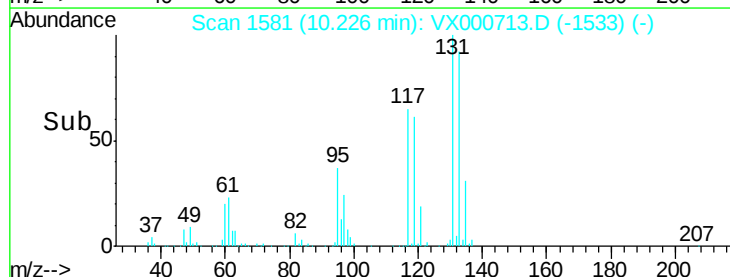
10.23

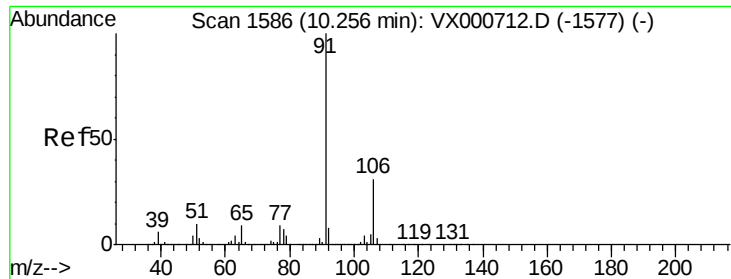
40000

20000

0

Time--> 10.20 10.30

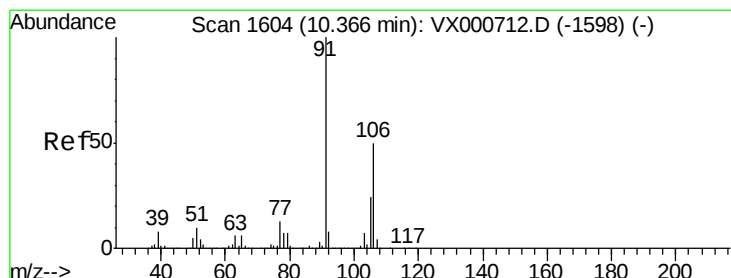
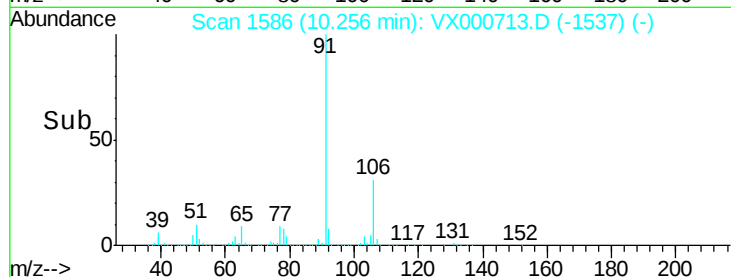
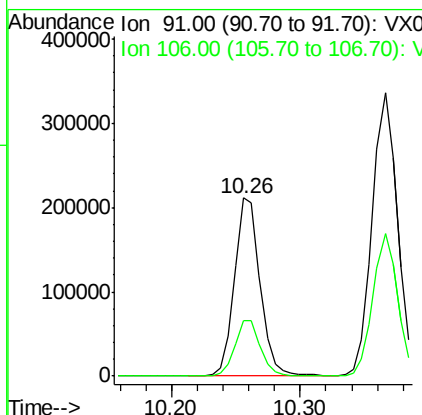
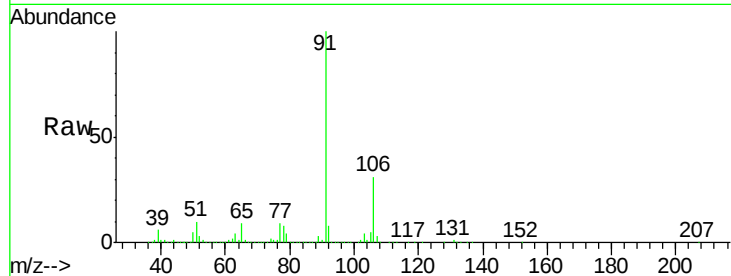




#67
Ethyl Benzene
Concen: 42.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

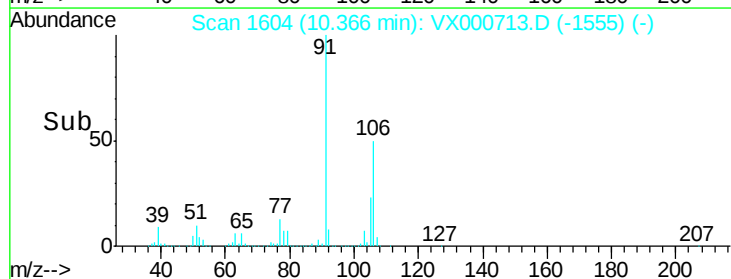
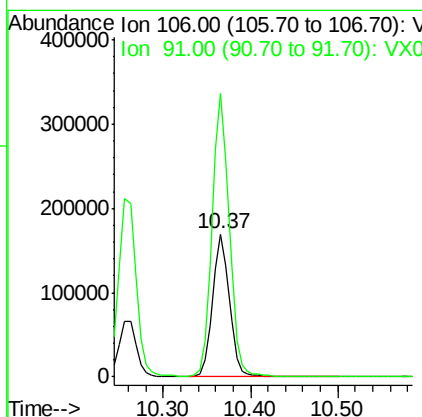
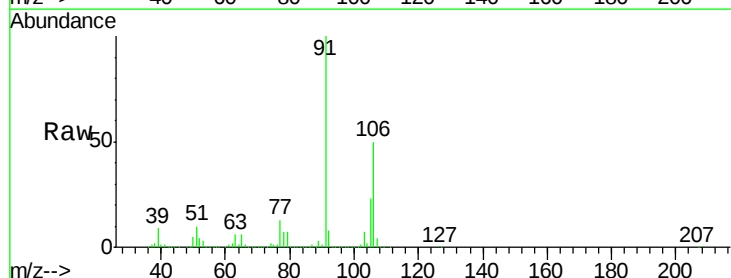
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

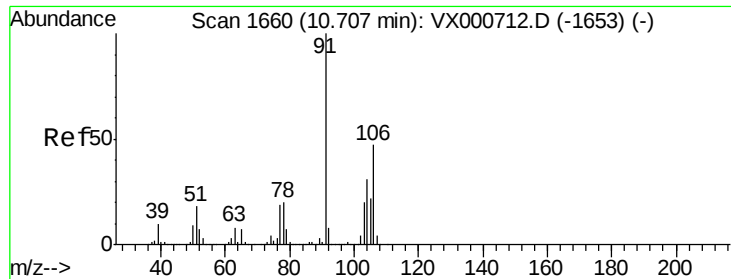
Tgt Ion: 91 Resp: 293964
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 84.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion: 106 Resp: 227985
Ion Ratio Lower Upper
106 100
91 201.6 159.7 239.5

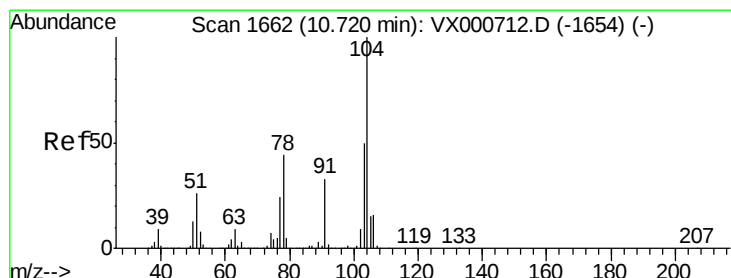
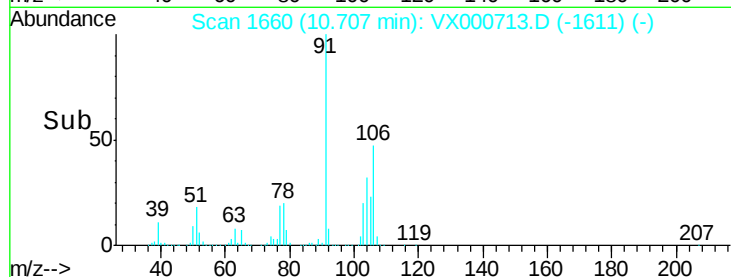
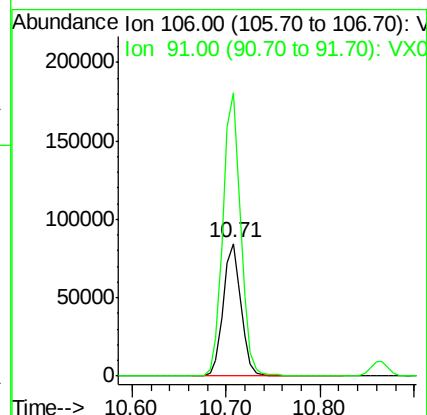
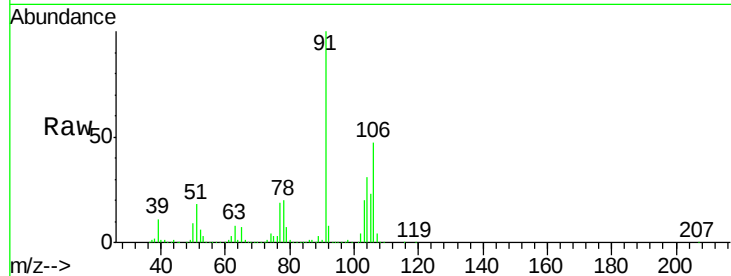




#69
o-Xylene
Concen: 41.89 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

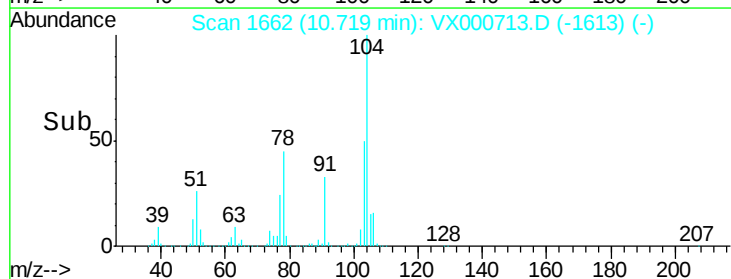
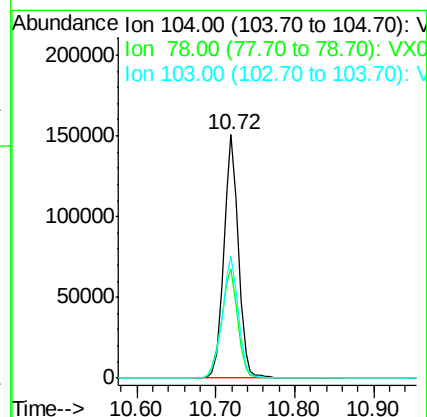
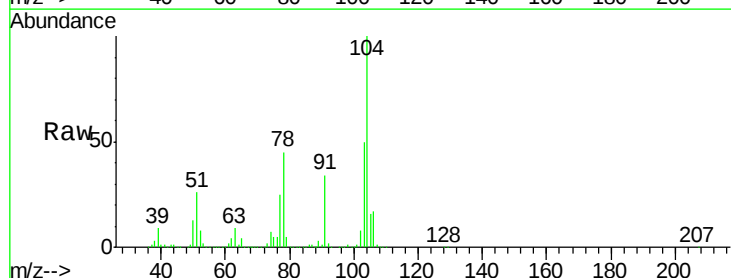
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

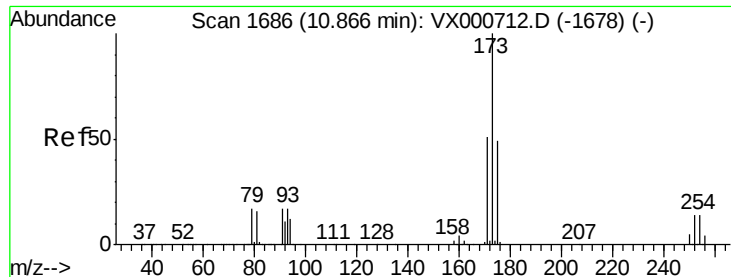
Tgt Ion:106 Resp: 111402
Ion Ratio Lower Upper
106 100
91 213.4 106.1 318.3



#70
Styrene
Concen: 42.67 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000713.D
Acq: 07 Apr 2018 13:05

Tgt Ion:104 Resp: 193989
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.6
103 55.2 44.1 66.1





#71

Bromoform

Concen: 42.39 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

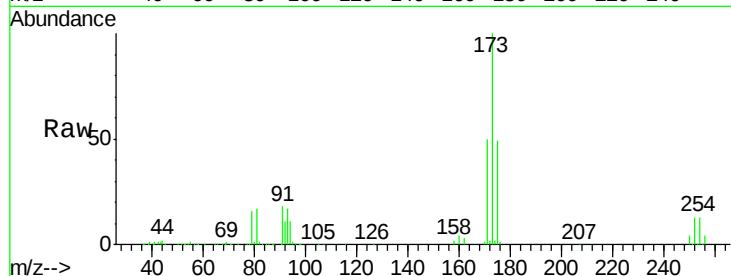
Tgt Ion:173 Resp: 67525

Ion Ratio Lower Upper

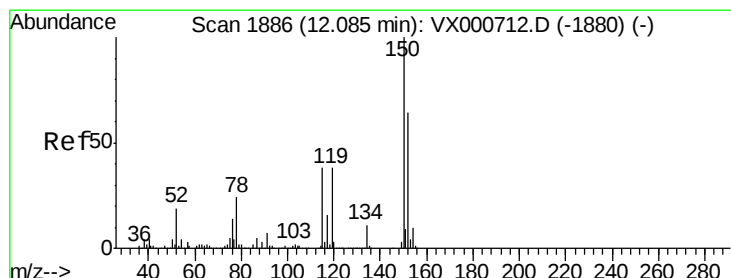
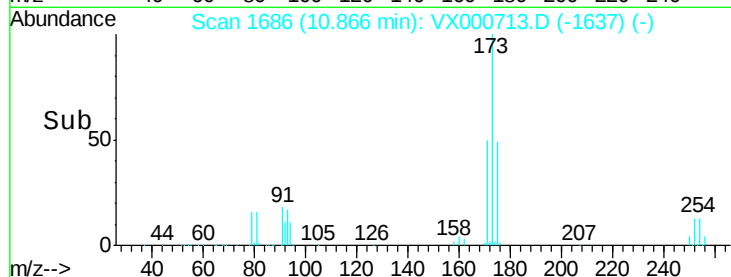
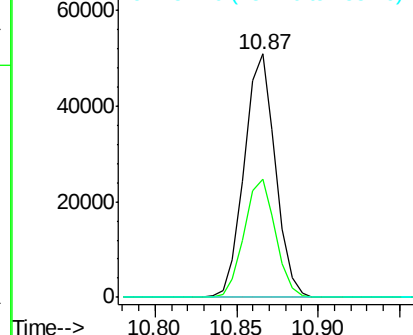
173 100

175 48.9 24.2 72.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

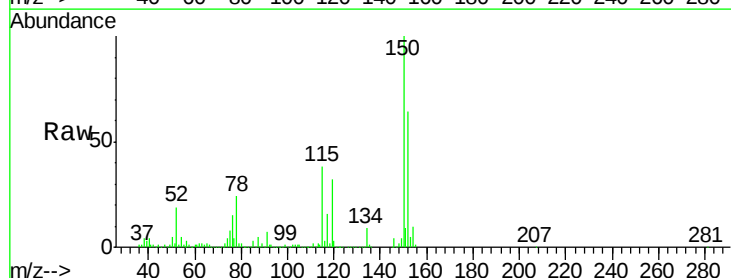
Tgt Ion:152 Resp: 123098

Ion Ratio Lower Upper

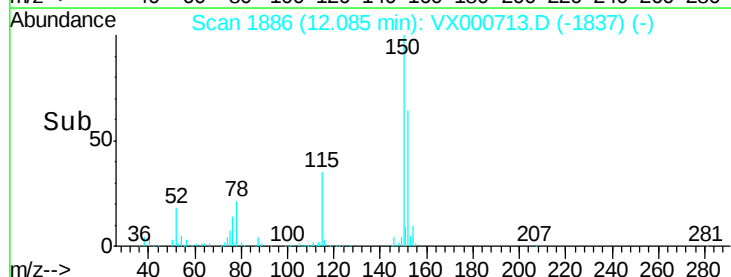
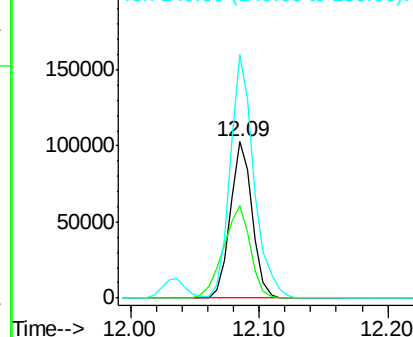
152 100

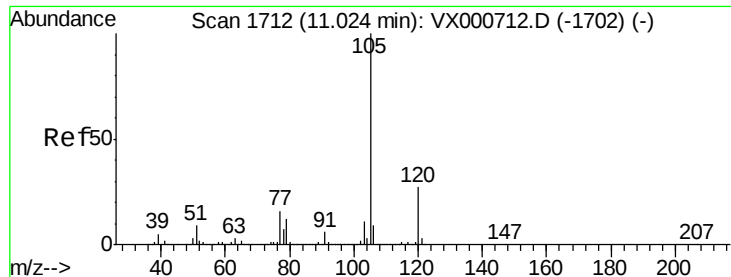
115 72.2 37.7 113.1

150 169.0 0.0 345.0



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





#73

Isopropylbenzene

Concen: 41.84 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

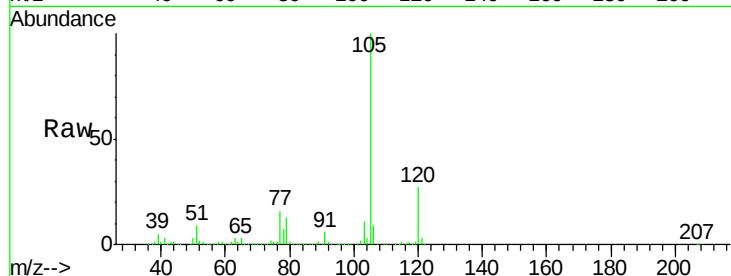
VSTDIC100

Tgt Ion:105 Resp: 300346

Ion Ratio Lower Upper

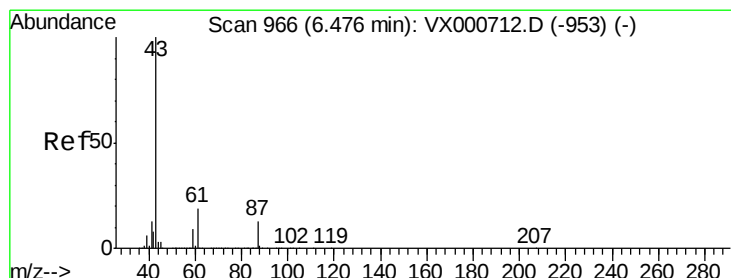
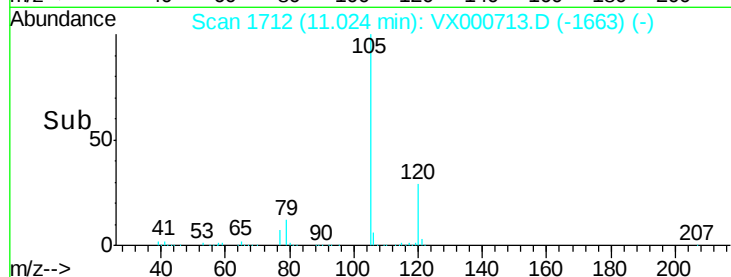
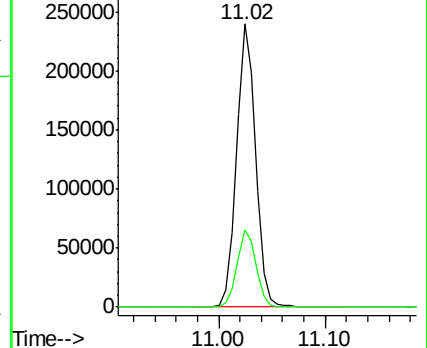
105 100

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: 42.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Tgt Ion: 43 Resp: 148903

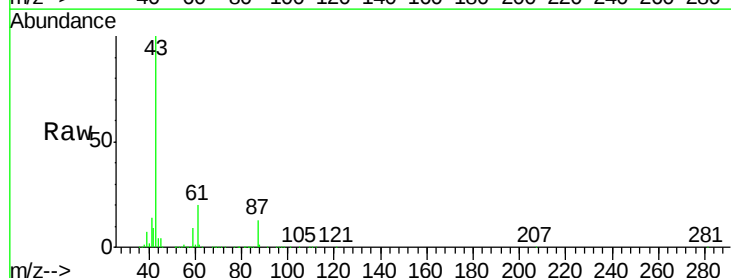
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.1 0.0 0.0#

61 19.1 15.4 23.0

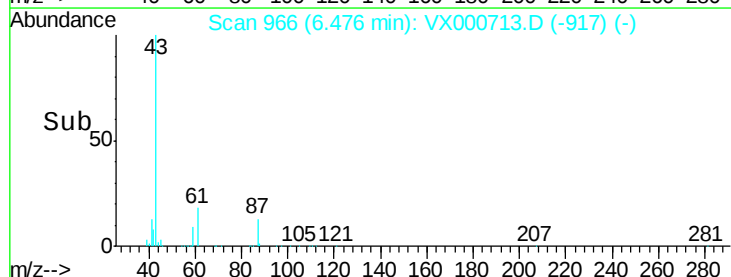
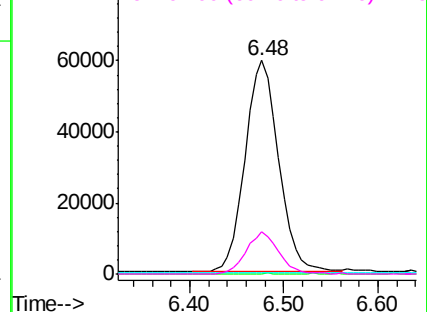


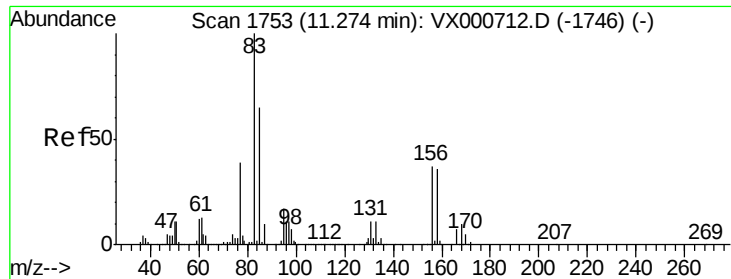
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 42.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

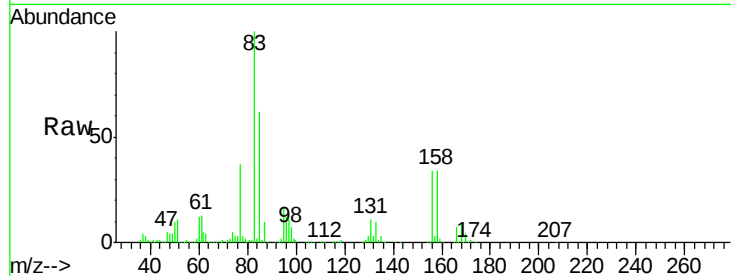
Tgt Ion: 83 Resp: 91931

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.7

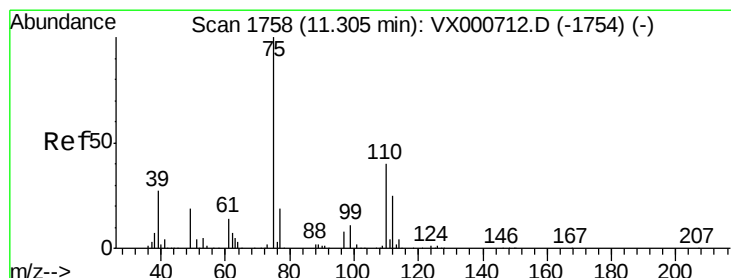
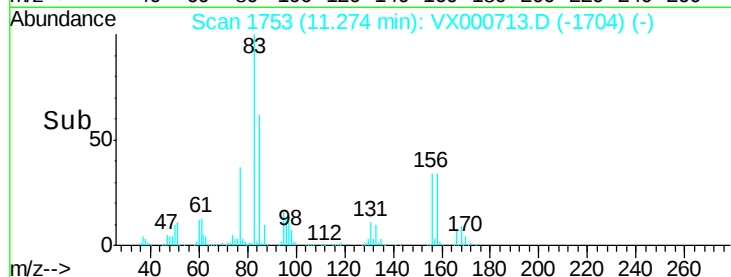
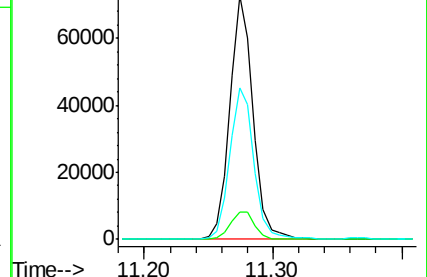
85 65.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.27 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000713.D

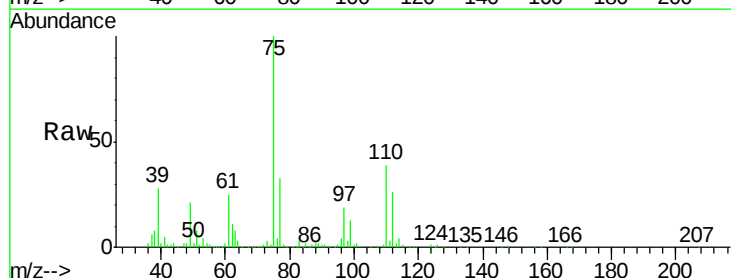
Acq: 07 Apr 2018 13:05

Tgt Ion: 75 Resp: 114852

Ion Ratio Lower Upper

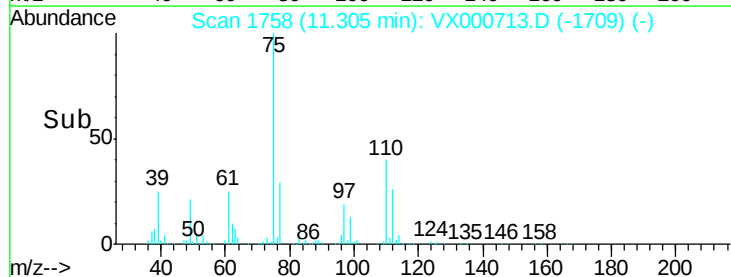
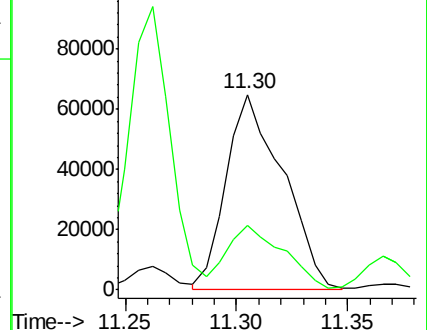
75 100

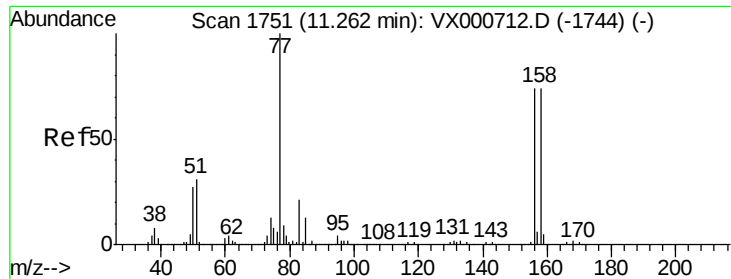
77 32.6 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

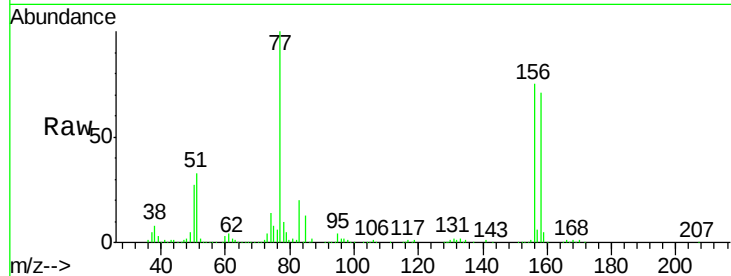
Tgt Ion:156 Resp: 88861

Ion Ratio Lower Upper

156 100

77 137.4 68.3 205.1

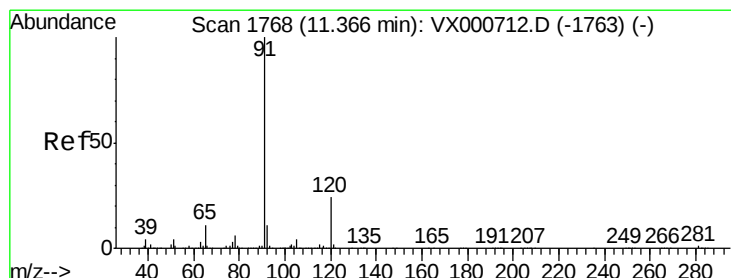
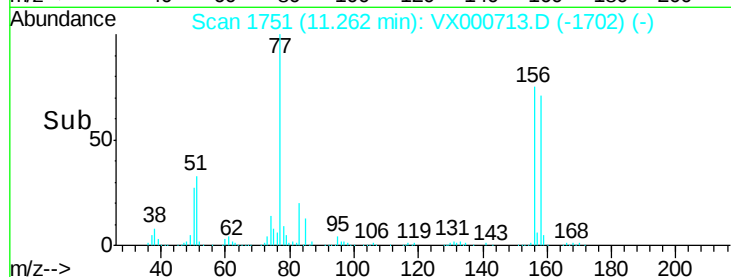
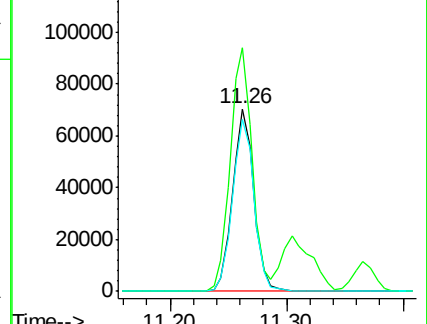
158 96.1 49.1 147.3



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: 42.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000713.D

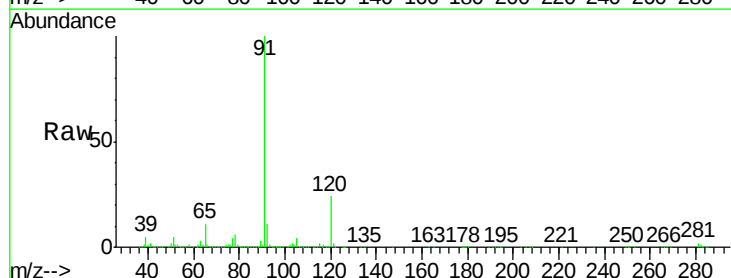
Acq: 07 Apr 2018 13:05

Tgt Ion: 91 Resp: 343713

Ion Ratio Lower Upper

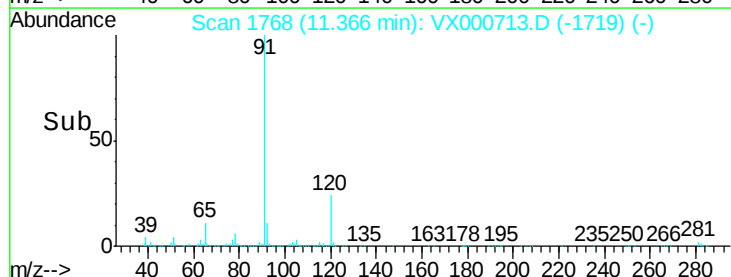
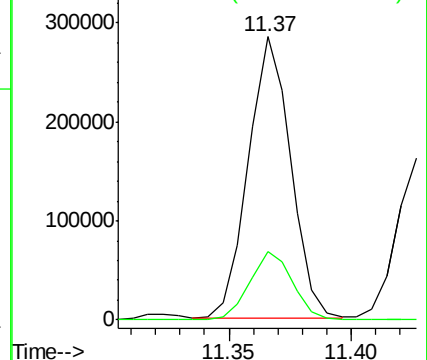
91 100

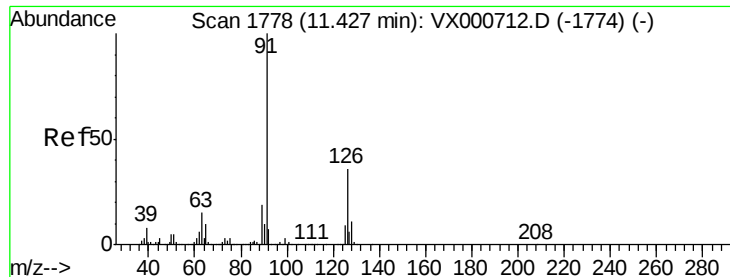
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

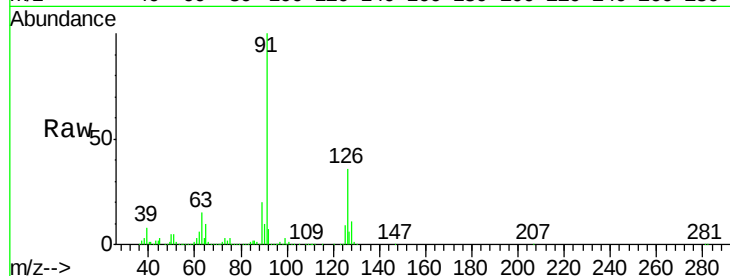
VSTDIC100

Tgt Ion: 91 Resp: 207359

Ion Ratio Lower Upper

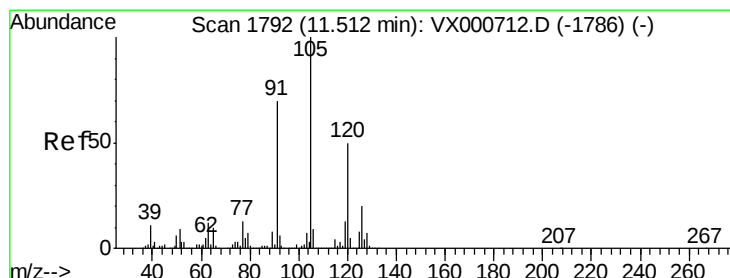
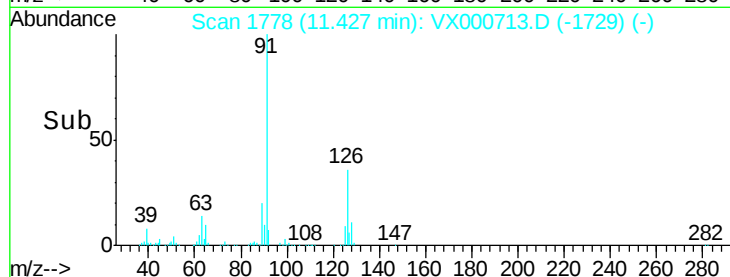
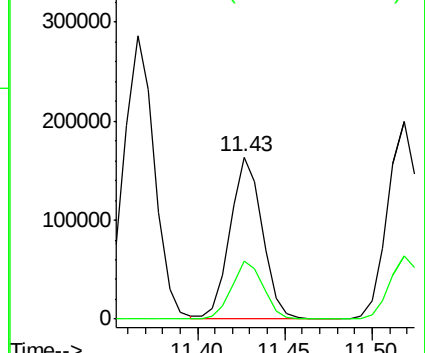
91 100

126 35.5 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 41.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000713.D

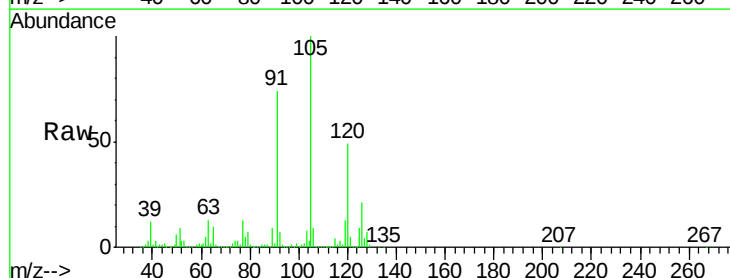
Acq: 07 Apr 2018 13:05

Tgt Ion: 105 Resp: 256156

Ion Ratio Lower Upper

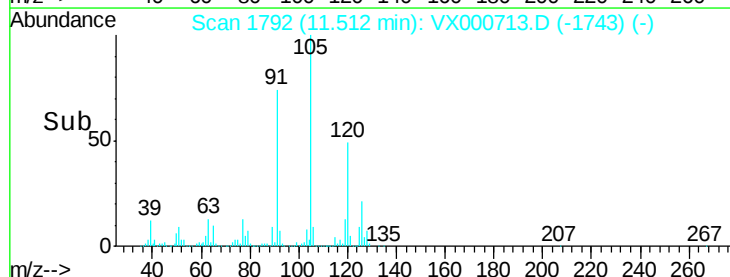
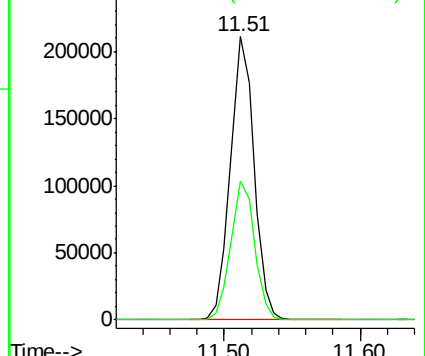
105 100

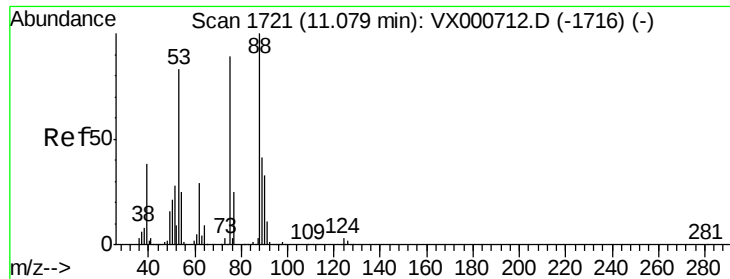
120 49.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

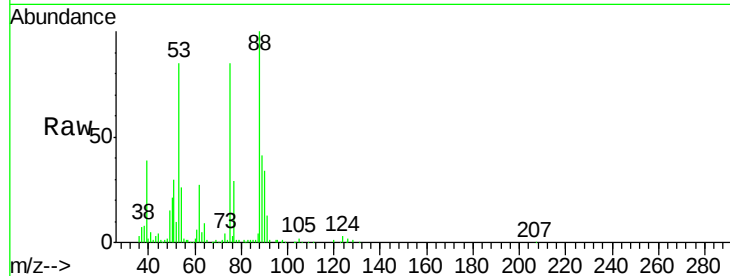
Tgt Ion: 75 Resp: 33018

Ion Ratio Lower Upper

75 100

53 95.6 74.2 111.2

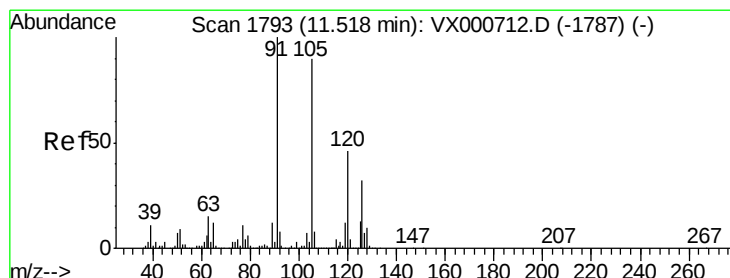
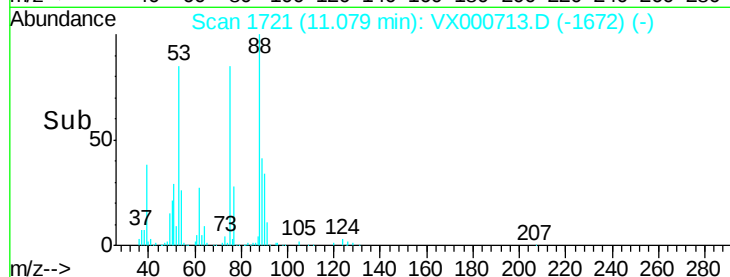
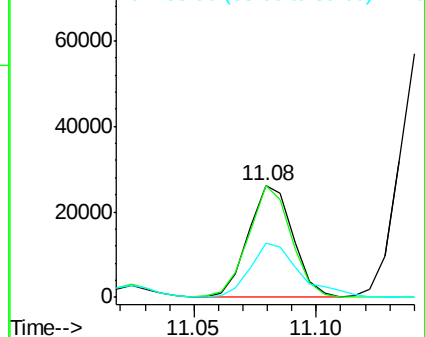
89 54.9 46.6 69.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 42.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000713.D

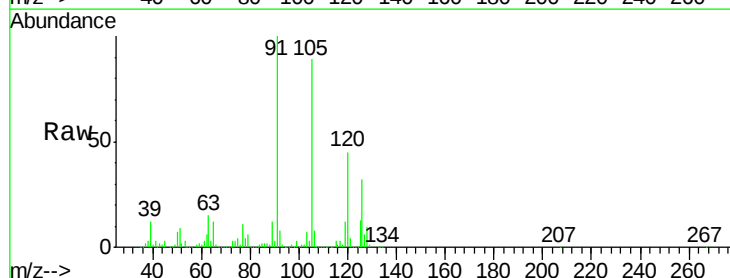
Acq: 07 Apr 2018 13:05

Tgt Ion: 91 Resp: 249651

Ion Ratio Lower Upper

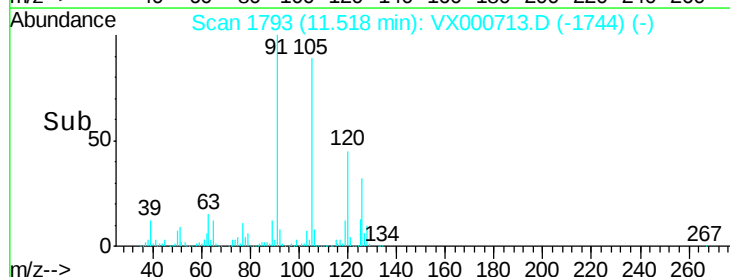
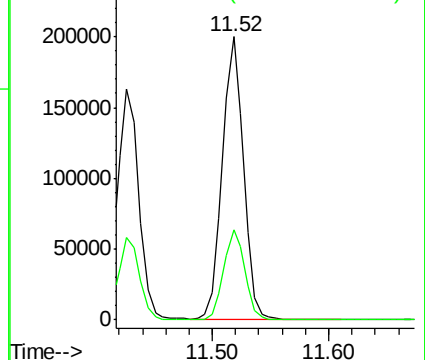
91 100

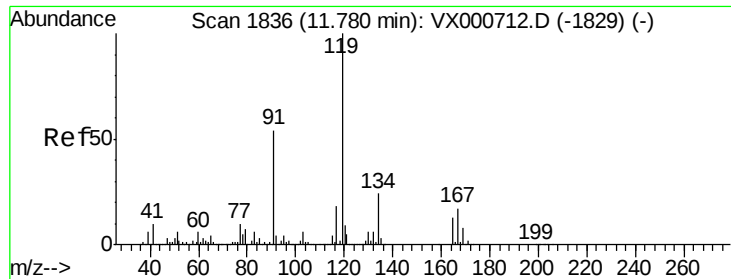
126 31.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

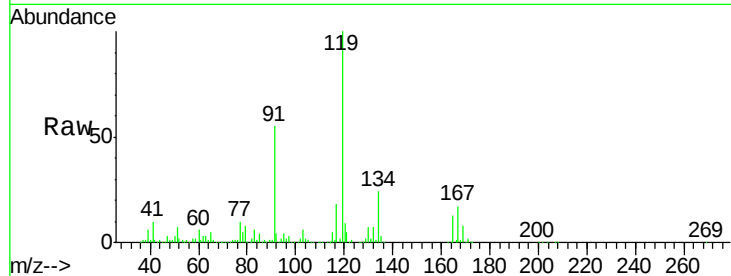




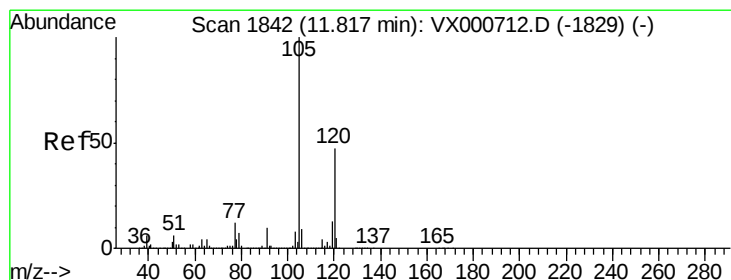
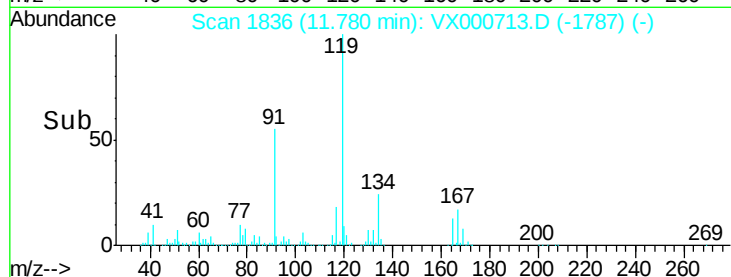
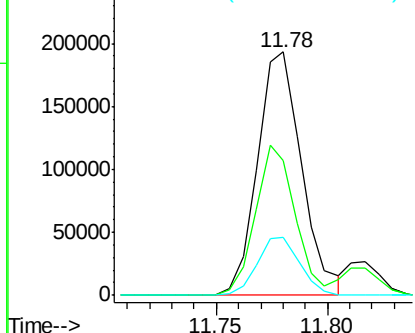
#83
 tert-Butylbenzene
 Concen: 41.98 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 267512
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.3 81.8
 134 22.9 11.5 34.4

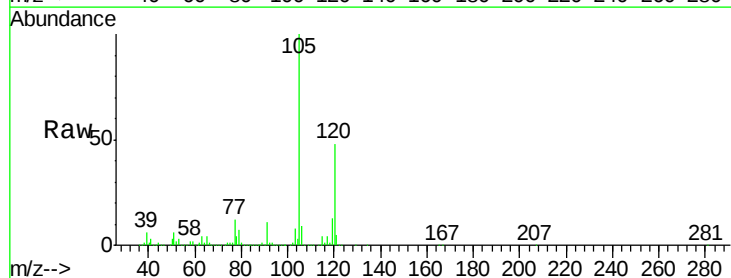


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

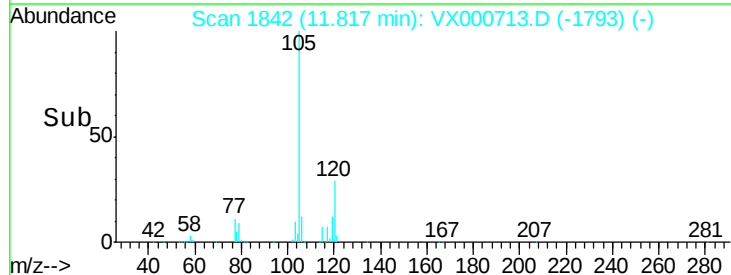
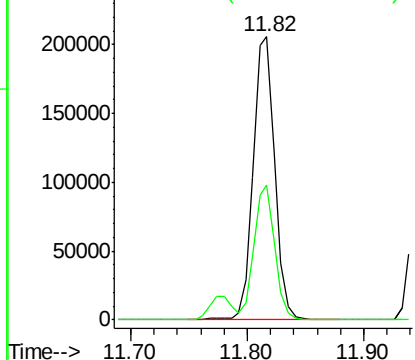


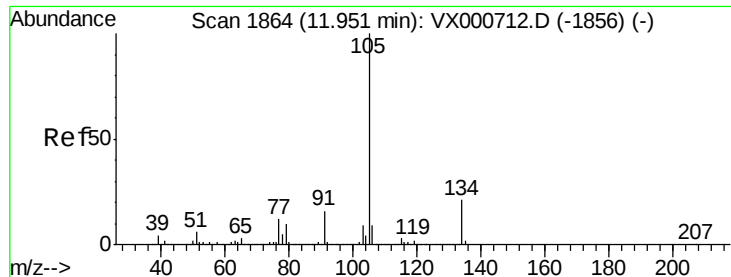
#84
 1,2,4-Trimethylbenzene
 Concen: 41.32 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion:105 Resp: 264411
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

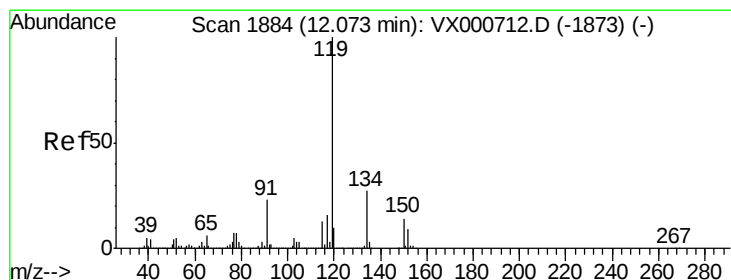
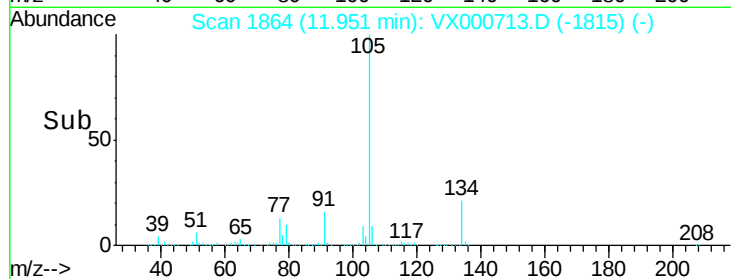
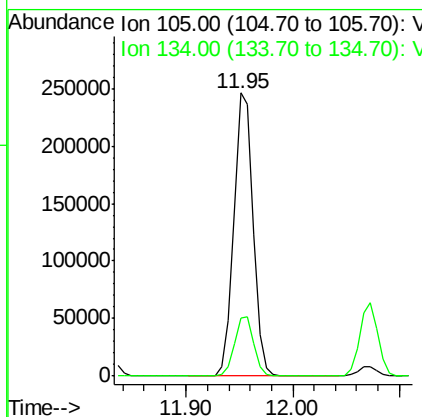
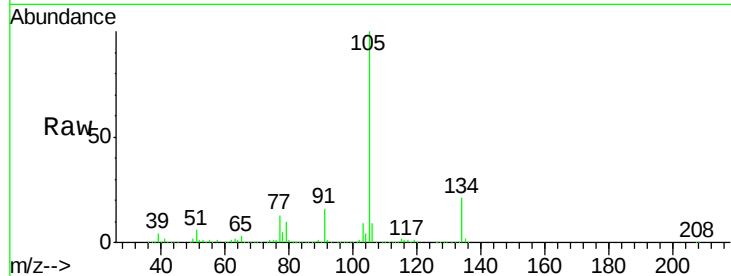




#85
 sec-Butylbenzene
 Concen: 41.84 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

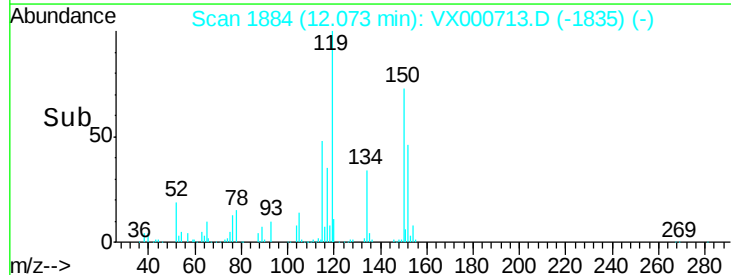
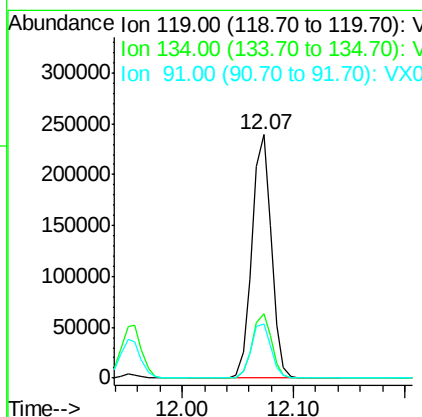
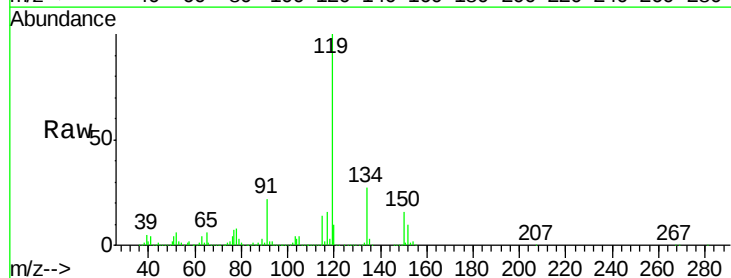
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

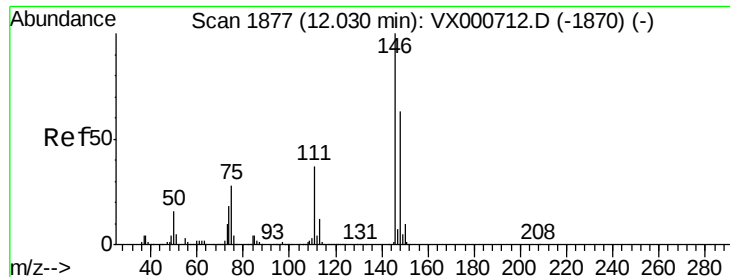
Tgt Ion:105 Resp: 312447
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 41.62 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion:119 Resp: 289647
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 22.9 11.5 34.4

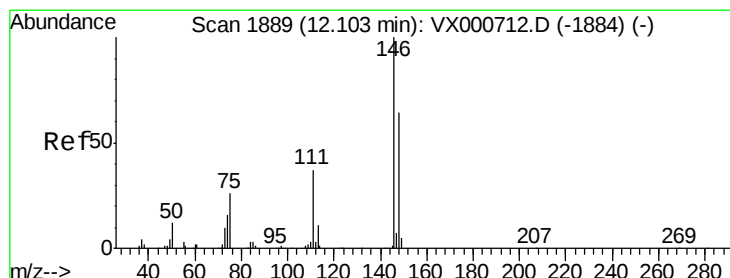
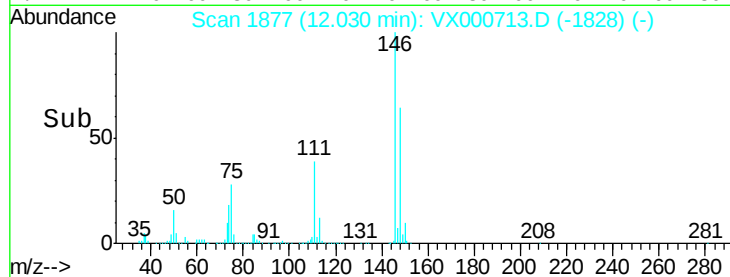
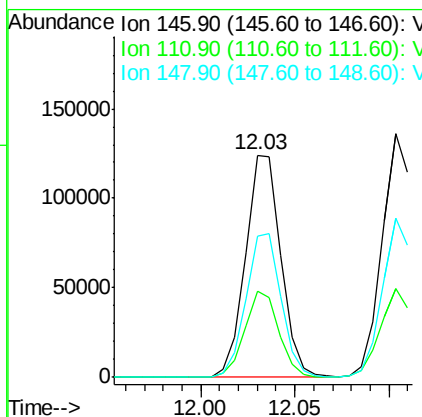
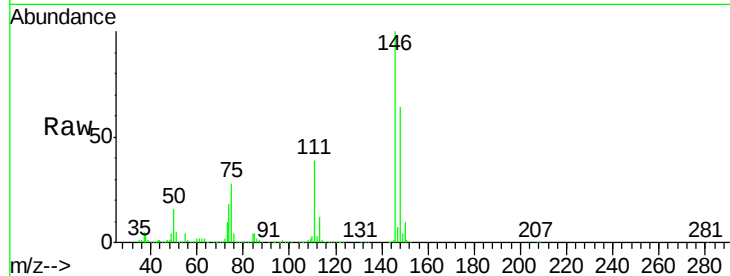




#87
 1,3-Dichlorobenzene
 Concen: 42.43 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

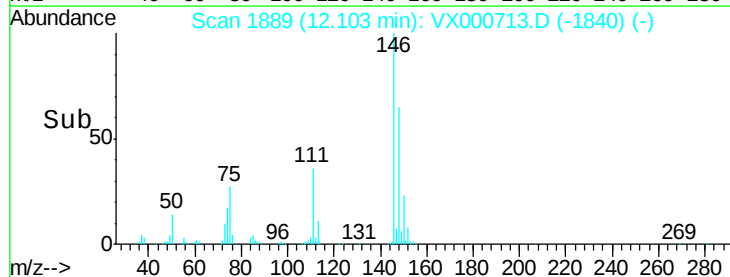
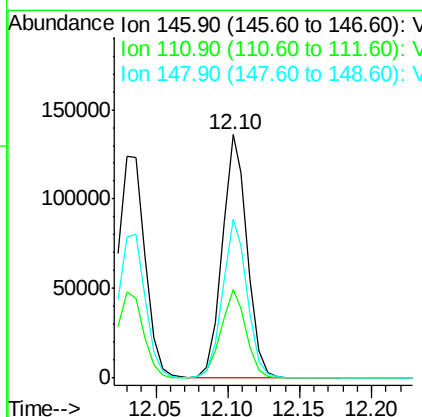
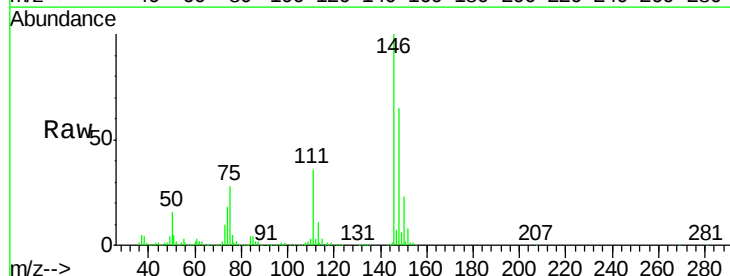
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

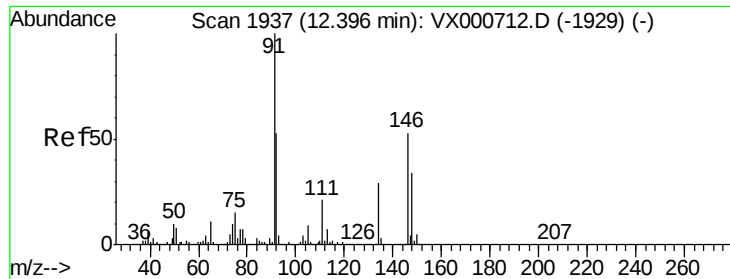
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.3	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 42.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.2	54.6
148	64.3	32.1	96.5





#89

n-Butylbenzene

Concen: 41.65 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

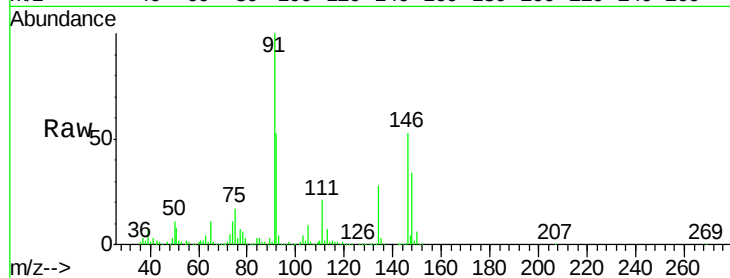
Tgt Ion: 91 Resp: 256818

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.0

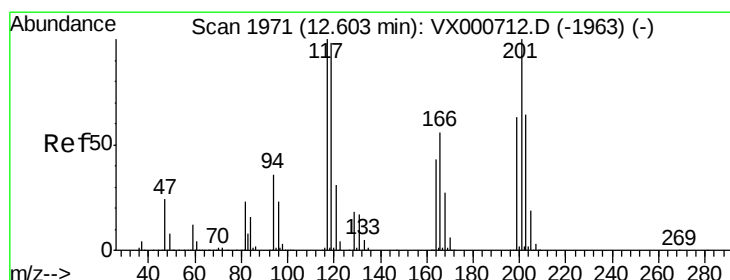
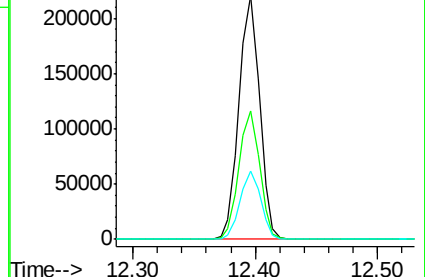
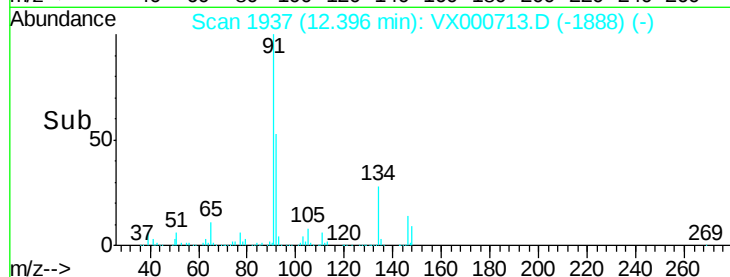
134 28.4 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX000713.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000713.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000713.D (-1929) (-)



#90

Hexachloroethane

Concen: 41.63 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000713.D

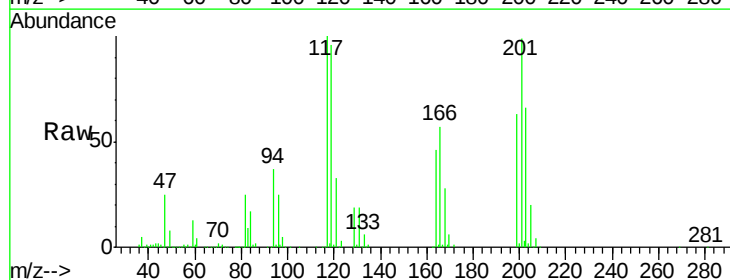
Acq: 07 Apr 2018 13:05

Tgt Ion: 117 Resp: 53009

Ion Ratio Lower Upper

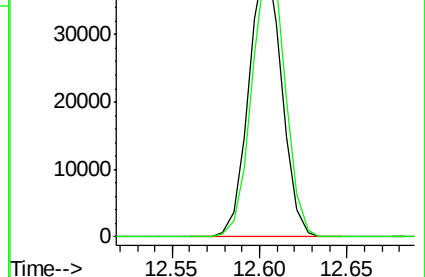
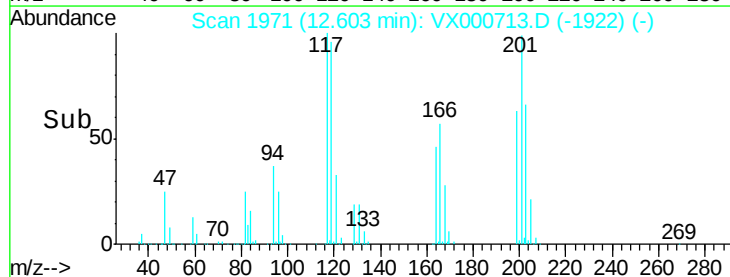
117 100

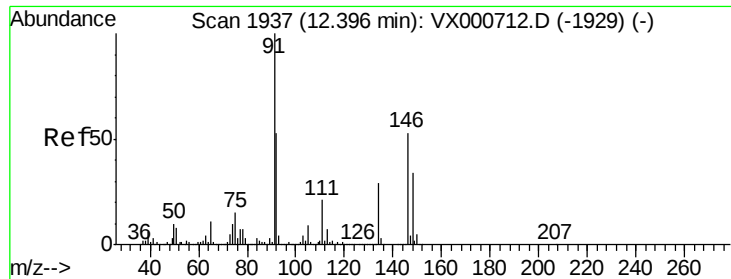
201 101.4 51.2 153.6



Abundance Ion 116.80 (116.50 to 117.50): VX000713.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000713.D (-1963) (-)

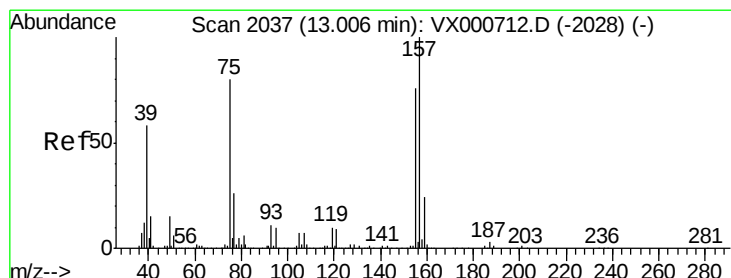
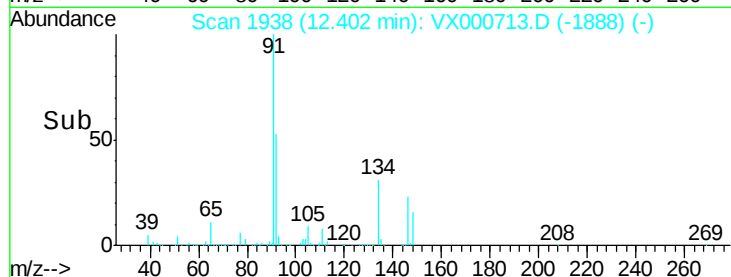
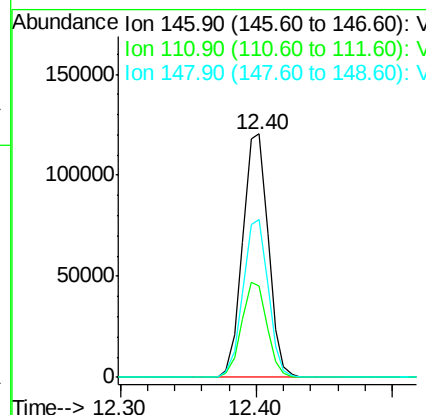
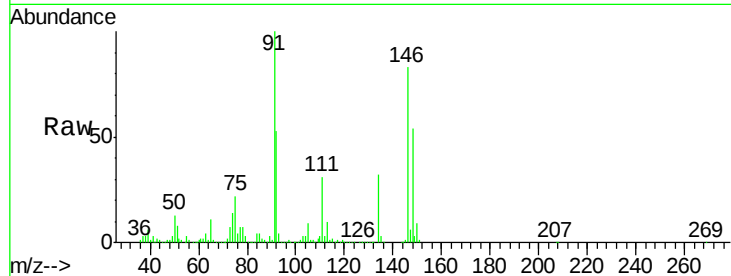




#91
 1,2-Dichlorobenzene
 Concen: 42.04 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

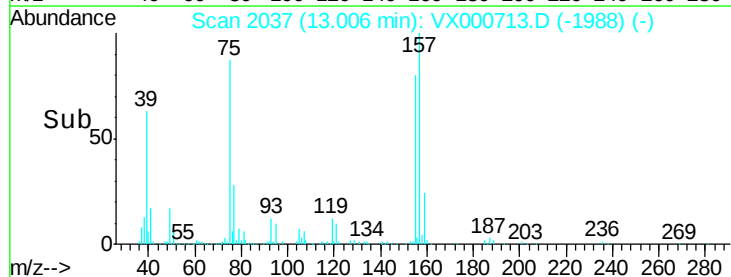
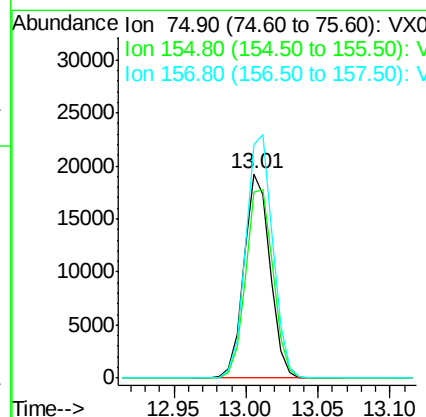
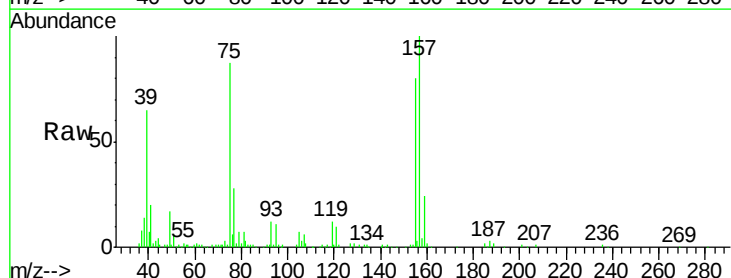
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

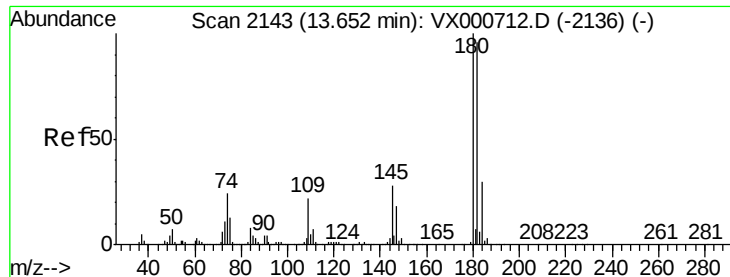
Tgt Ion: 146 Resp: 158267
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000713.D
 Acq: 07 Apr 2018 13:05

Tgt Ion: 75 Resp: 24086
 Ion Ratio Lower Upper
 75 100
 155 97.1 48.4 145.0
 157 123.3 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 41.69 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

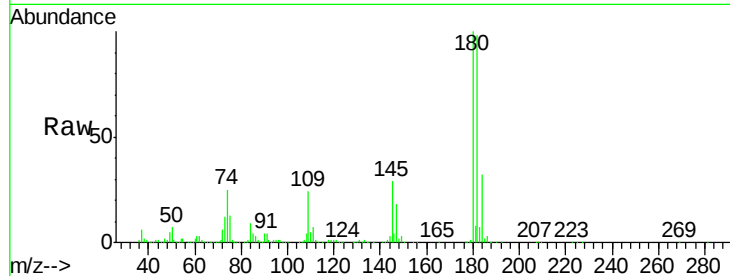
Tgt Ion:180 Resp: 131721

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

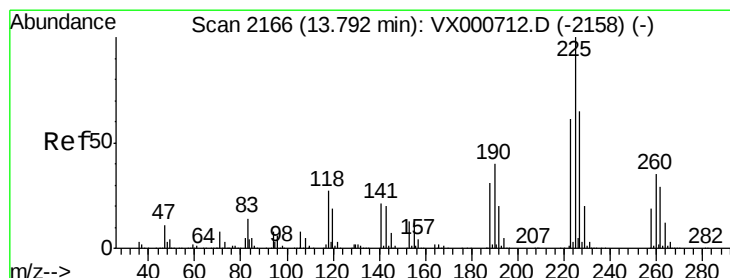
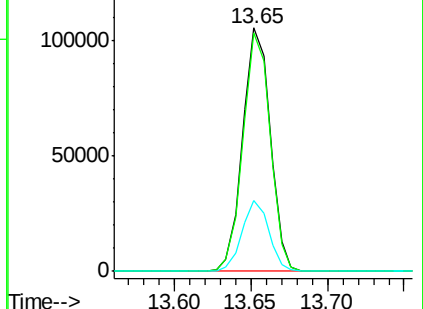
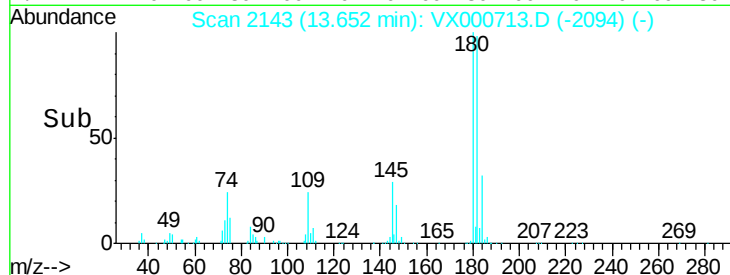
145 28.1 14.1 42.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 41.33 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

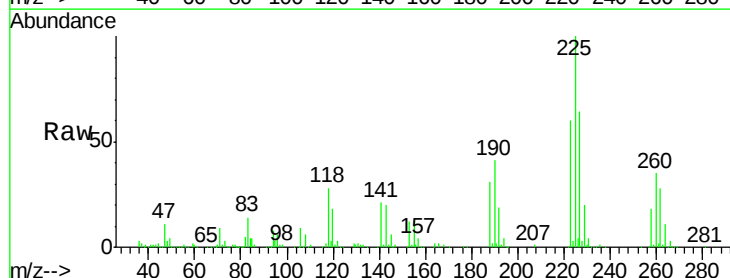
Tgt Ion:225 Resp: 64088

Ion Ratio Lower Upper

225 100

223 61.6 30.9 92.8

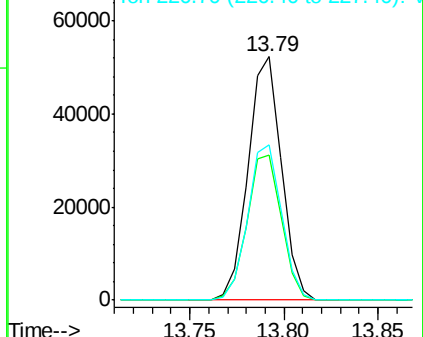
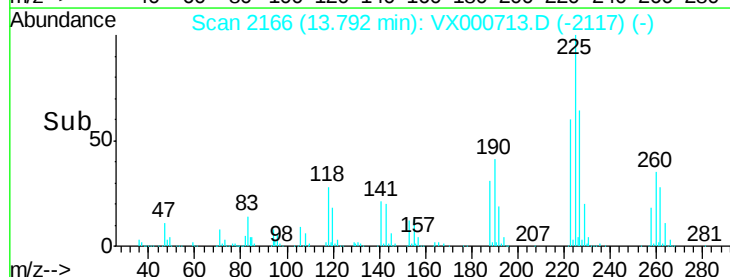
227 64.8 31.9 95.7

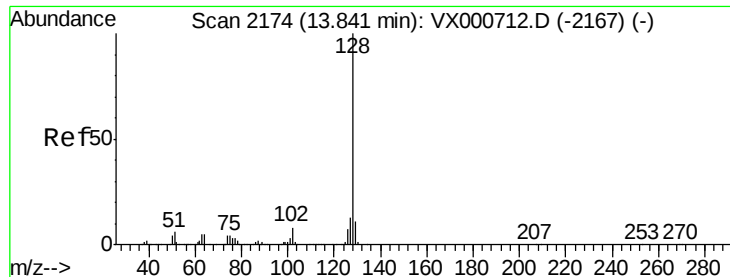


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

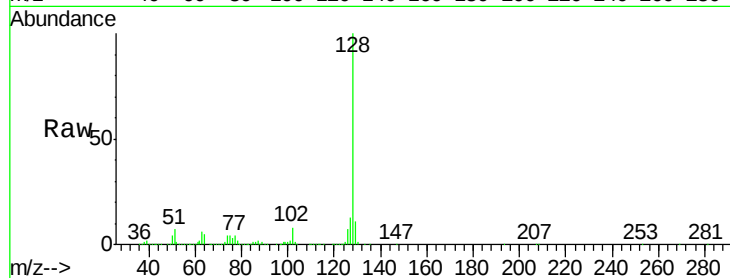
Tgt Ion:128 Resp: 363189

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

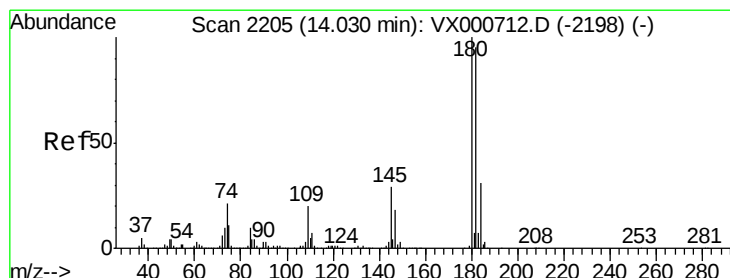
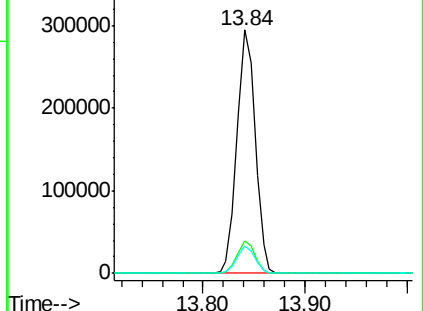
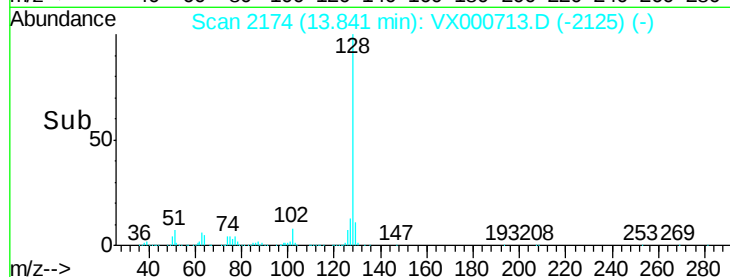
129 10.9 8.8 13.2



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: 42.69 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000713.D

Acq: 07 Apr 2018 13:05

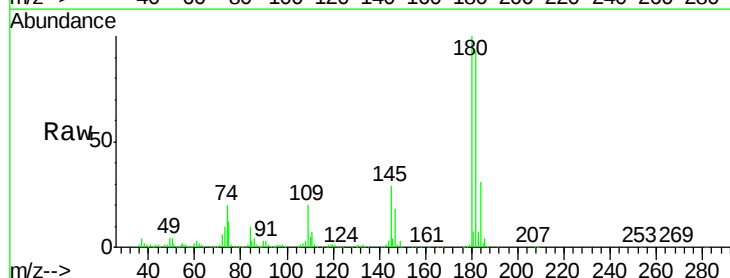
Tgt Ion:180 Resp: 131965

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.3

145 29.7 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

