

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000714.D
 Acq On : 07 Apr 2018 13:30
 Operator : JC/MD
 Sample : VSTDCICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCICC150

Quant Time: Apr 07 16:39:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	437115	143.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.92%	
35) Dibromofluoromethane	5.51	113	365221	144.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.92%	
50) Toluene-d8	8.73	98	1346885	145.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.22%	
62) 4-Bromofluorobenzene	11.15	95	559251	149.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	351051	141.42	ug/l	100
3) Chloromethane	1.32	50	291489	142.79	ug/l	98
4) Vinyl Chloride	1.41	62	308952	144.88	ug/l	98
5) Bromomethane	1.64	94	155188	131.66	ug/l	99
6) Chloroethane	1.71	64	183007	140.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	486513	139.37	ug/l	100
8) Diethyl Ether	2.19	74	189062	145.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	283855	138.78	ug/l	99
10) Methyl Iodide	2.51	142	384330	172.12	ug/l	99
11) Tert butyl alcohol	3.10	59	393381	690.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	260905	141.72	ug/l	99
13) Acrolein	2.30	56	189445	860.45	ug/l	100
14) Allyl chloride	2.73	41	527760	143.52	ug/l	98
15) Acrylonitrile	3.16	53	839281	736.25	ug/l	100
16) Acetone	2.45	43	673961	704.34	ug/l	100
17) Carbon Disulfide	2.57	76	635316	145.20	ug/l	99
18) Methyl Acetate	2.78	43	437348	143.59	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1016988	142.97	ug/l	100
20) Methylene Chloride	2.86	84	304959	145.01	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	283083	143.47	ug/l	99
22) Diisopropyl ether	3.88	45	1081144	142.90	ug/l	98
23) Vinyl Acetate	3.83	43	4628131	703.55	ug/l	100
24) 1,1-Dichloroethane	3.70	63	578347	146.83	ug/l	98
25) 2-Butanone	4.72	43	1243930	705.57	ug/l	97
26) 2,2-Dichloropropane	4.59	77	546417	139.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	361831	142.75	ug/l	99
28) Bromochloromethane	5.03	49	220209	126.67	ug/l	98
29) Tetrahydrofuran	5.18	42	789485	701.96	ug/l	99
30) Chloroform	5.23	83	606996	143.40	ug/l	99
31) Cyclohexane	5.58	56	455855	138.64	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	565915	140.30	ug/l	99
36) 1,1-Dichloropropene	5.81	75	430829	141.00	ug/l	100
37) Ethyl Acetate	4.87	43	486728	140.32	ug/l	99
38) Carbon Tetrachloride	5.79	117	519679	140.12	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000714.D
 Acq On : 07 Apr 2018 13:30
 Operator : JC/MD
 Sample : VSTDCICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCICC150

Quant Time: Apr 07 16:39:54 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)
39) Methylcyclohexane	7.47	83	494085	140.70	ug/l	97
40) Benzene	6.15	78	1275441	143.17	ug/l	100
41) Methacrylonitrile	5.07	41	289009	141.43	ug/l	99
42) 1,2-Dichloroethane	6.21	62	501047	141.26	ug/l	99
43) Isopropyl Acetate	6.48	43	862583	141.60	ug/l	100
44) Trichloroethene	7.22	130	385885	140.82	ug/l	99
45) 1,2-Dichloropropane	7.52	63	342590	142.64	ug/l	98
46) Dibromomethane	7.67	93	236994	143.95	ug/l	98
47) Bromodichloromethane	7.91	83	504859	145.32	ug/l	99
48) Methyl methacrylate	7.79	41	447948	143.26	ug/l	99
49) 1,4-Dioxane	7.77	88	178870	2822.48	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	2611671	720.82	ug/l	100
52) Toluene	8.79	92	849832	142.82	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	596340	144.53	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	599363	144.32	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	360071	146.38	ug/l	100
56) Ethyl methacrylate	9.19	69	582439	145.66	ug/l	99
57) 1,3-Dichloropropane	9.38	76	578759	146.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1424295	841.12	ug/l	99
59) 2-Hexanone	9.51	43	2021362	725.55	ug/l	98
60) Dibromochloromethane	9.59	129	458262	148.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	384063	146.77	ug/l	98
64) Tetrachloroethene	9.34	164	379060	137.94	ug/l	99
65) Chlorobenzene	10.15	112	1035037	142.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	409923	143.74	ug/l	99
67) Ethyl Benzene	10.26	91	1701654	139.83	ug/l	98
68) m/p-Xylenes	10.37	106	1346638	283.09	ug/l	99
69) o-Xylene	10.71	106	666063	142.62	ug/l	98
70) Styrene	10.72	104	1156018	144.79	ug/l	99
71) Bromoform	10.87	173	422449	151.01	ug/l #	99
73) Isopropylbenzene	11.02	105	1781784	136.45	ug/l	100
74) N-amyl acetate	6.48	43	862583	134.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	570112	145.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	713335	188.71	ug/l	84
77) Bromobenzene	11.26	156	529352	141.58	ug/l	99
78) n-propylbenzene	11.37	91	2042470	137.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	1235179	140.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1543116	137.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	209644	144.41	ug/l	99
82) 4-Chlorotoluene	11.52	91	1465445	137.60	ug/l	99
83) tert-Butylbenzene	11.78	119	1595533	137.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1599378	137.40	ug/l	99
85) sec-Butylbenzene	11.96	105	1850128	136.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	1735392	137.06	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	980148	141.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1001042	141.48	ug/l	99
89) n-Butylbenzene	12.40	91	1539507	137.25	ug/l	100
90) Hexachloroethane	12.60	117	325026	140.32	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	976247	142.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	146549	139.76	ug/l	97

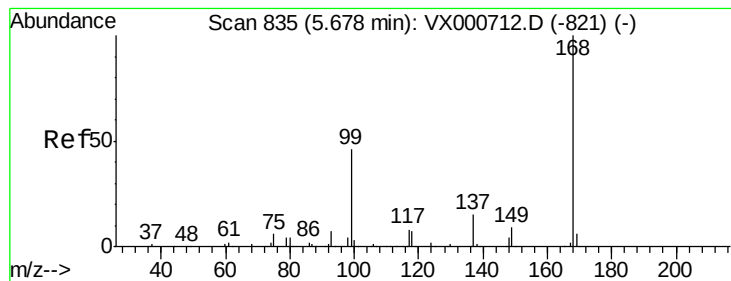
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
Data File : VX000714.D
Acq On : 07 Apr 2018 13:30
Operator : JC/MD
Sample : VSTDCICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCICC150

Quant Time: Apr 07 16:39:54 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)
93) 1,2,4-Trichlorobenzene	13.65	180	812886	141.41	ug/l	100
94) Hexachlorobutadiene	13.79	225	391068	138.65	ug/l	99
95) Naphthalene	13.84	128	2165480	138.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	796601	141.67	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

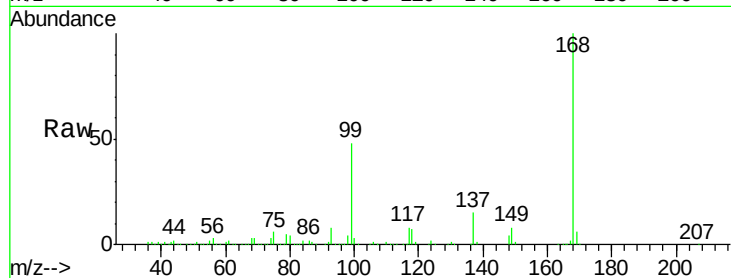
VSTDIC150

Tgt Ion:168 Resp: 276729

Ion Ratio Lower Upper

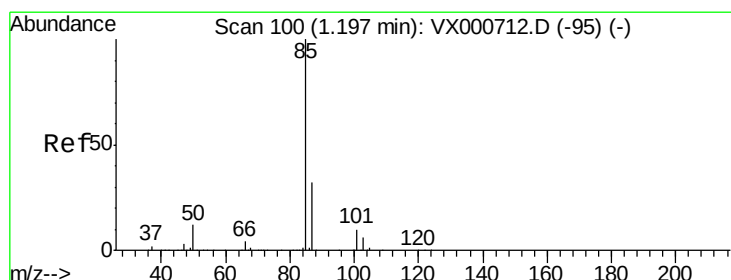
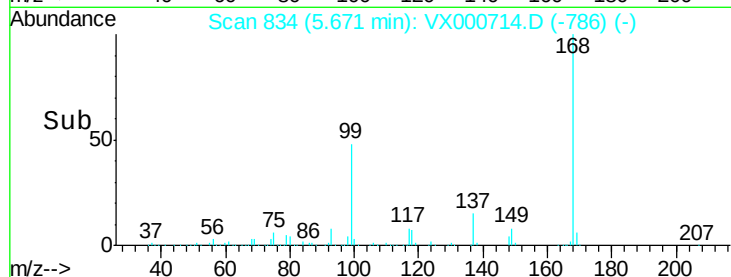
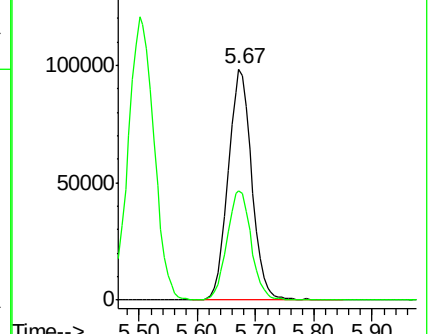
168 100

99 47.4 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: 141.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000714.D

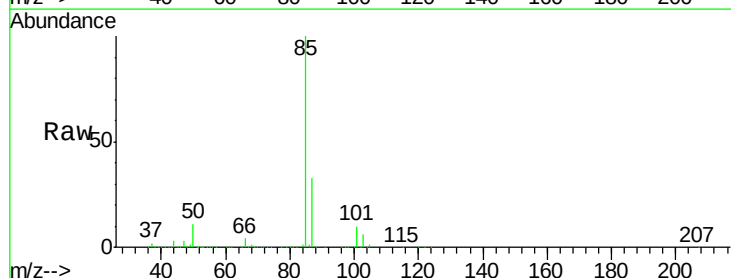
Acq: 07 Apr 2018 13:30

Tgt Ion: 85 Resp: 351051

Ion Ratio Lower Upper

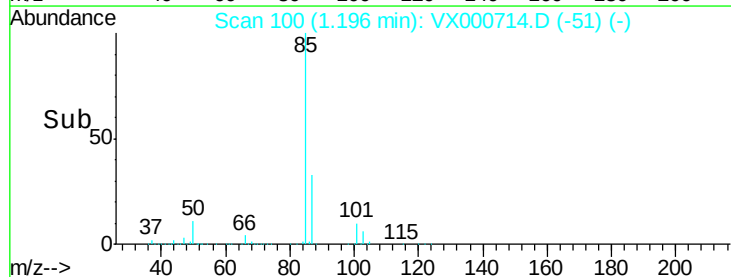
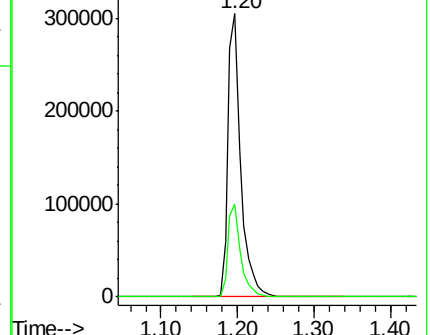
85 100

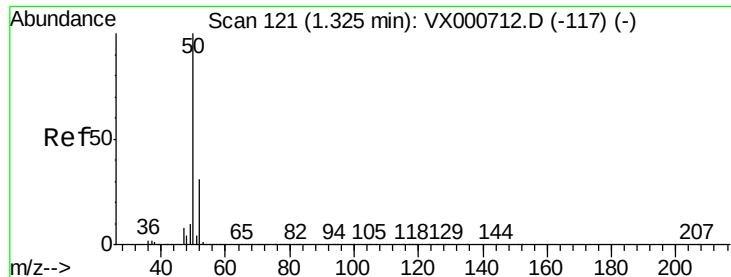
87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 142.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

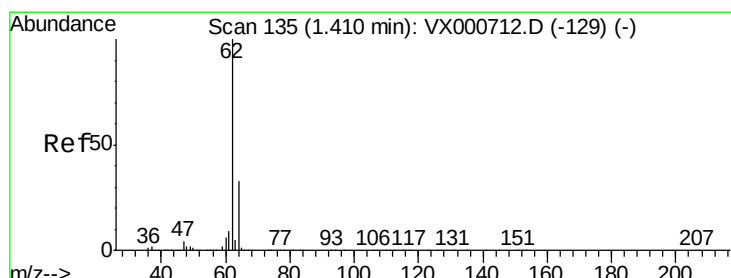
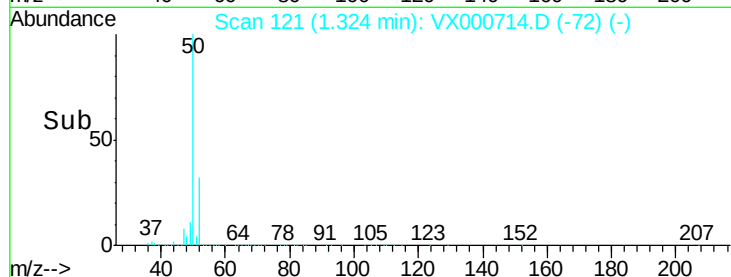
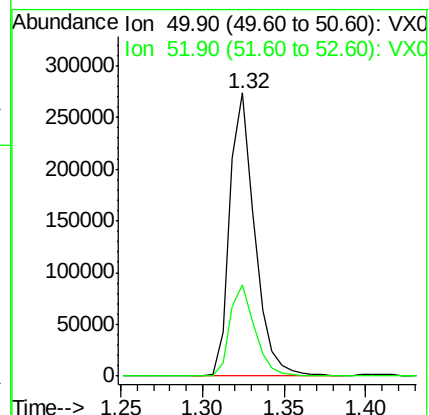
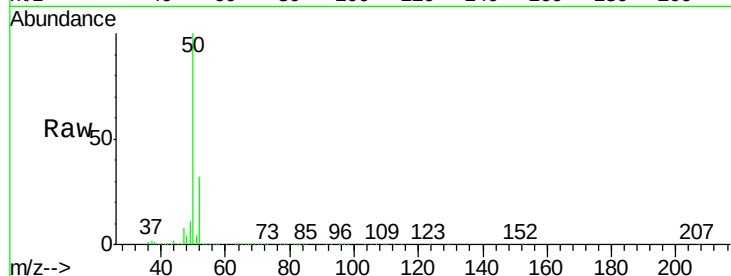
VSTDIC150

Tgt Ion: 50 Resp: 291489

Ion Ratio Lower Upper

50 100

52 32.3 24.9 37.3



#4

Vinyl Chloride

Concen: 144.88 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000714.D

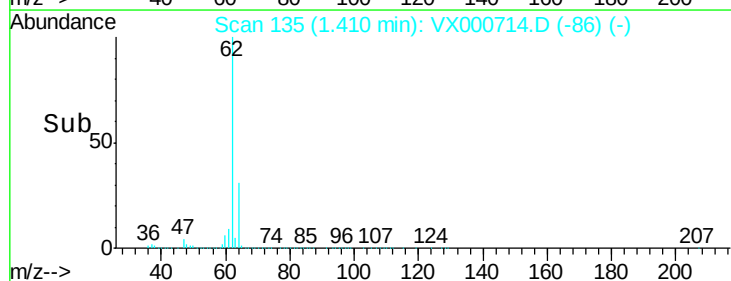
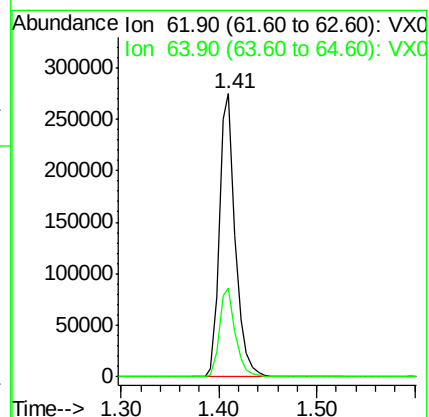
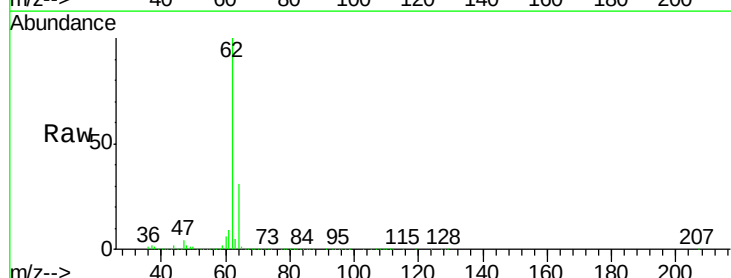
Acq: 07 Apr 2018 13:30

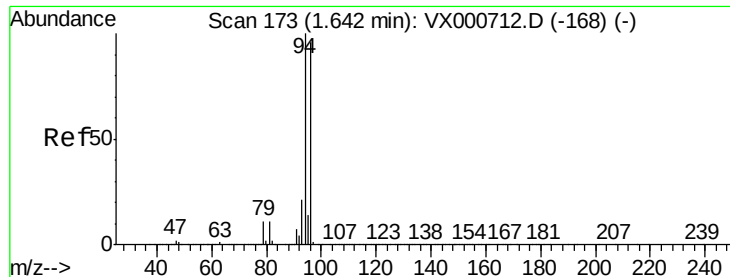
Tgt Ion: 62 Resp: 308952

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2





#5

Bromomethane

Concen: 131.66 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

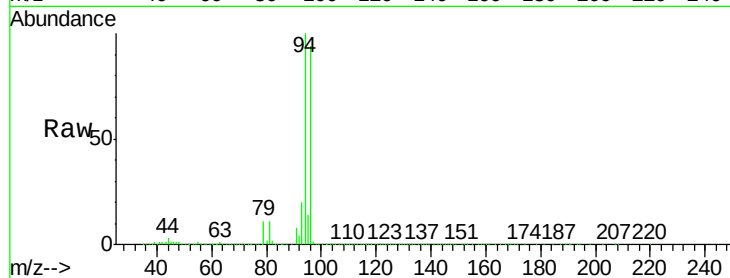
VSTDIC150

Tgt Ion: 94 Resp: 155188

Ion Ratio Lower Upper

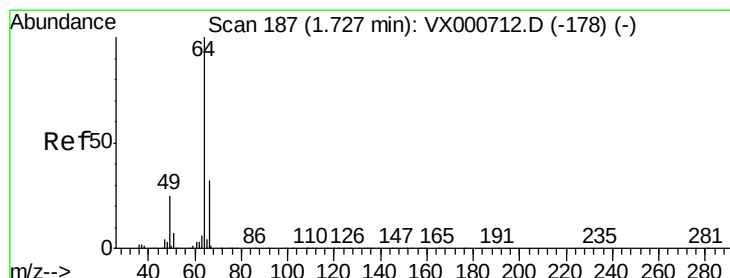
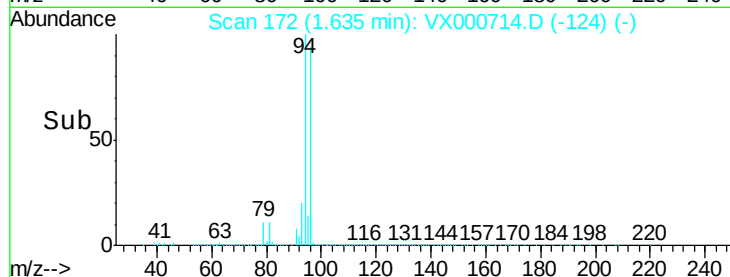
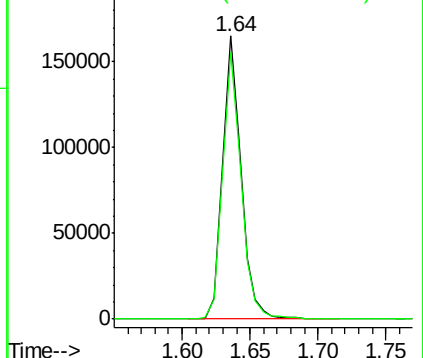
94 100

96 94.2 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: 140.53 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX000714.D

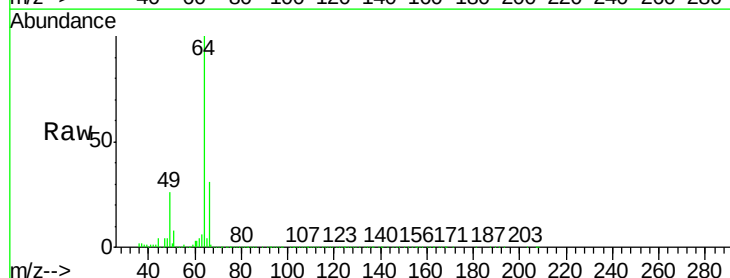
Acq: 07 Apr 2018 13:30

Tgt Ion: 64 Resp: 183007

Ion Ratio Lower Upper

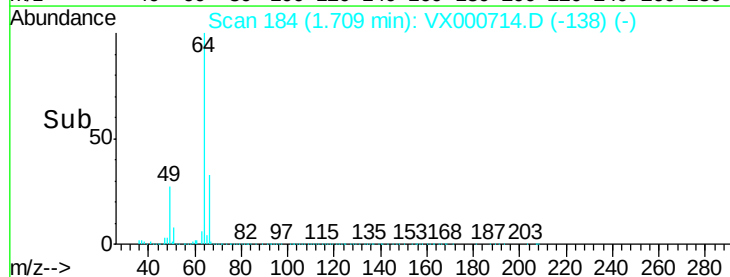
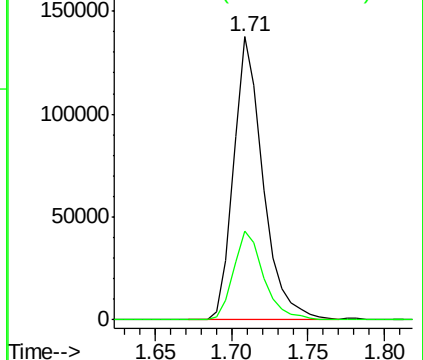
64 100

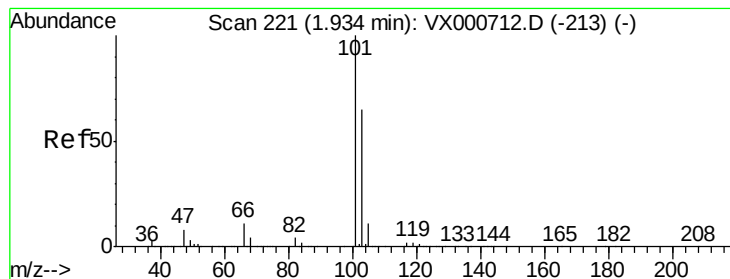
66 31.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 139.37 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

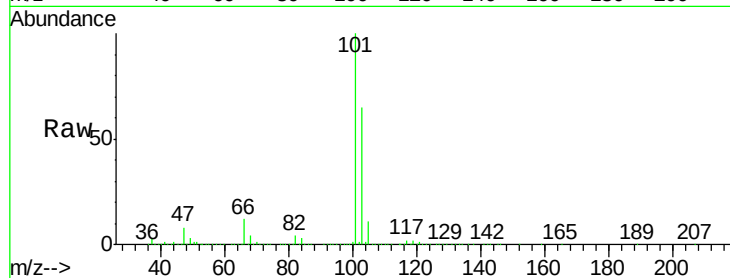
VSTDIC150

Tgt Ion:101 Resp: 486513

Ion Ratio Lower Upper

101 100

103 64.7 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

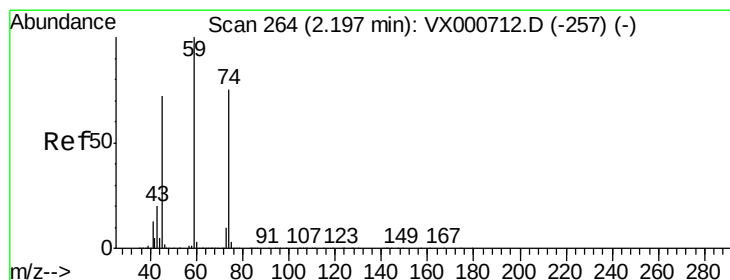
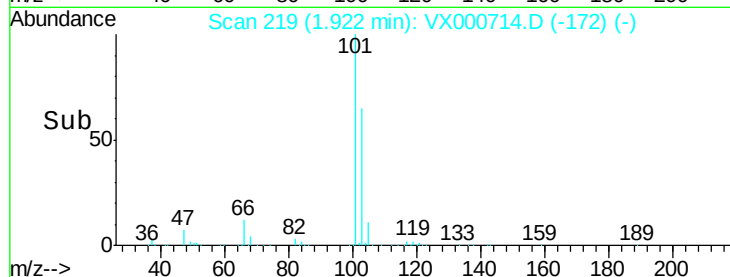
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 145.31 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000714.D

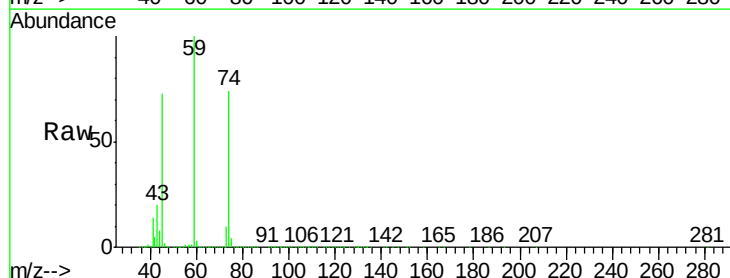
Acq: 07 Apr 2018 13:30

Tgt Ion: 74 Resp: 189062

Ion Ratio Lower Upper

74 100

45 98.1 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

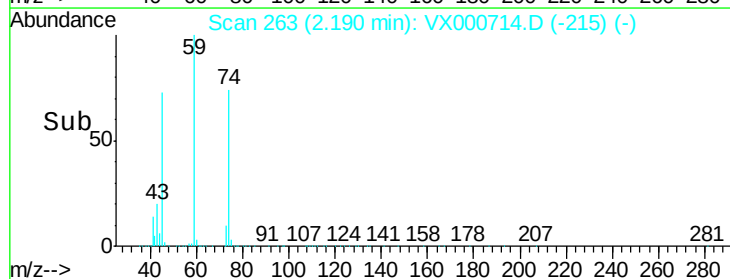
150000

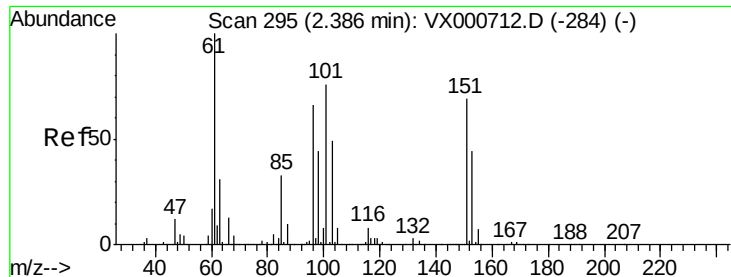
100000

50000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

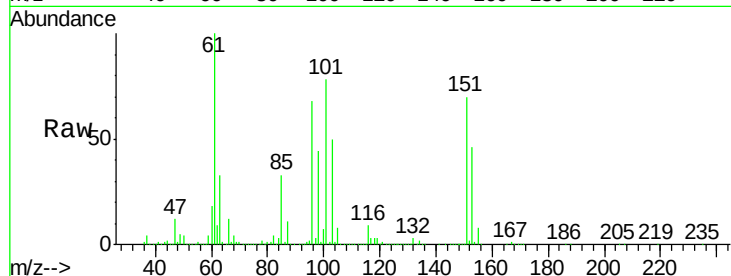
Tgt Ion:101 Resp: 283855

Ion Ratio Lower Upper

101 100

85 42.3 34.3 51.5

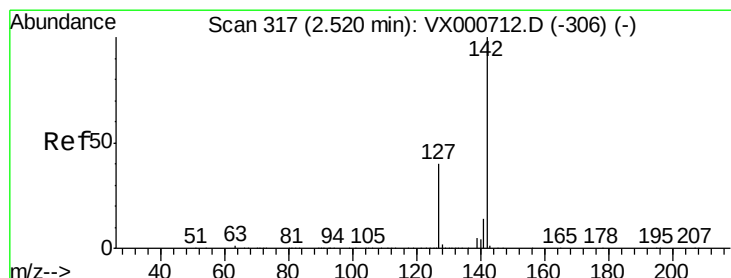
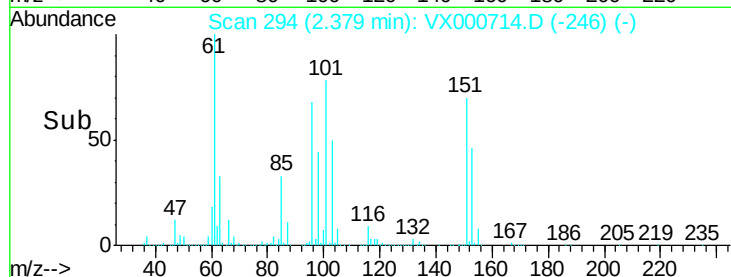
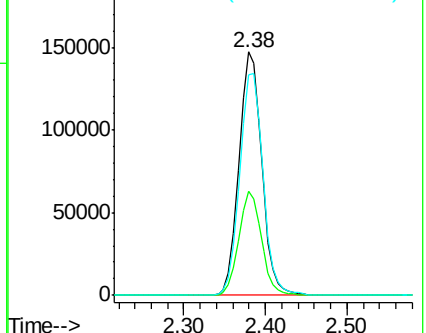
151 93.5 73.8 110.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 172.12 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

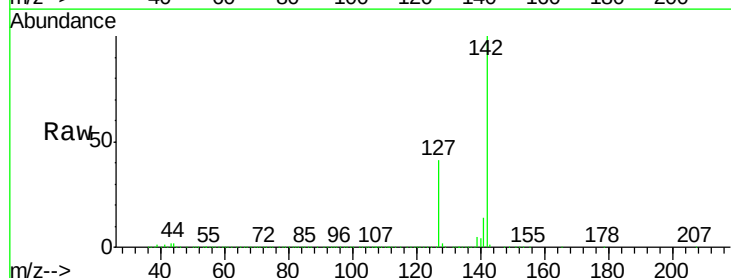
Tgt Ion:142 Resp: 384330

Ion Ratio Lower Upper

142 100

127 41.5 33.9 50.9

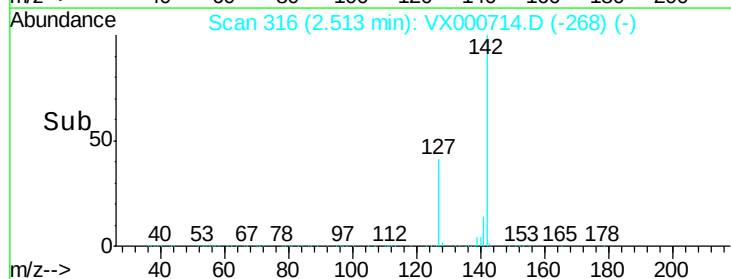
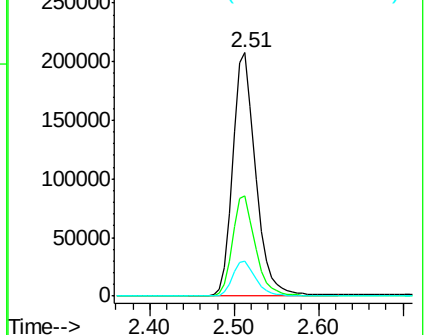
141 14.6 11.4 17.0

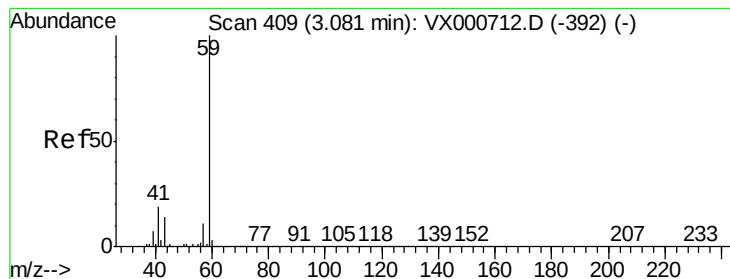


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



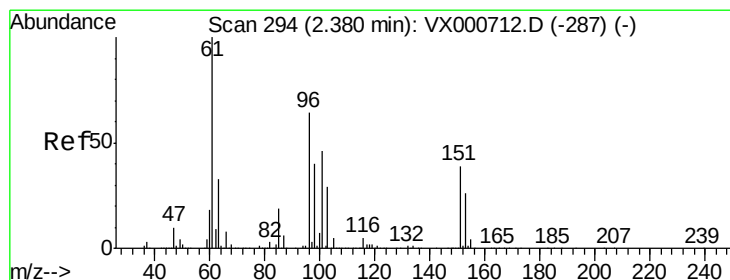
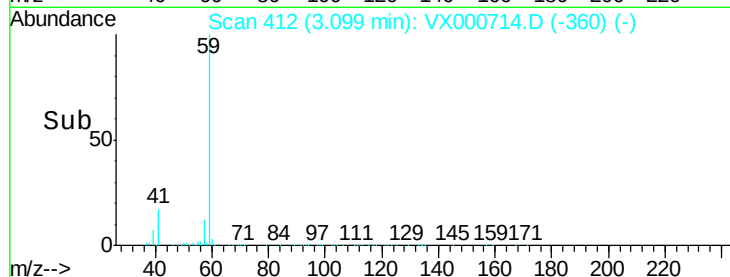
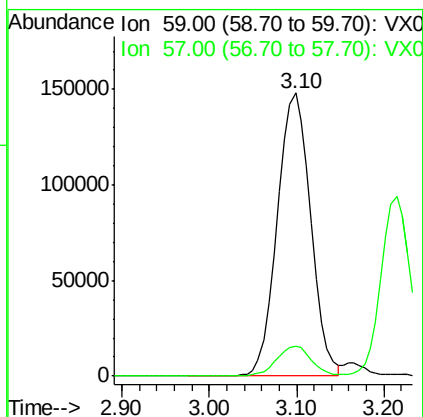
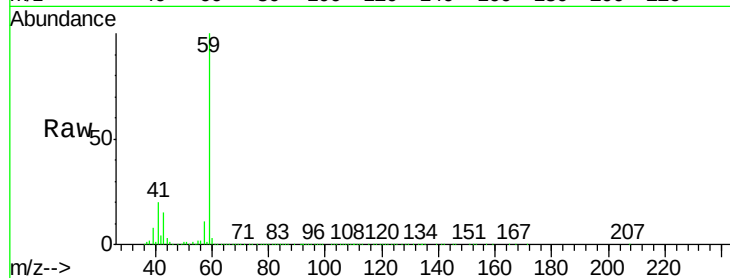


#11

Tert butyl alcohol
Concen: 690.37 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

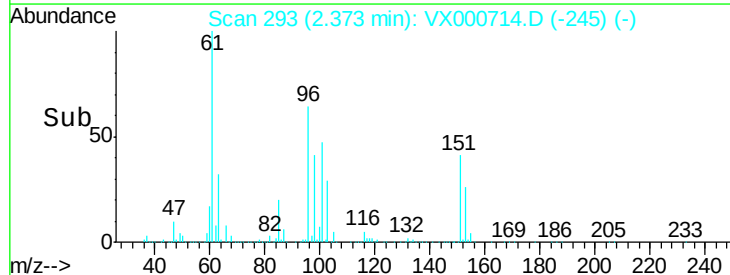
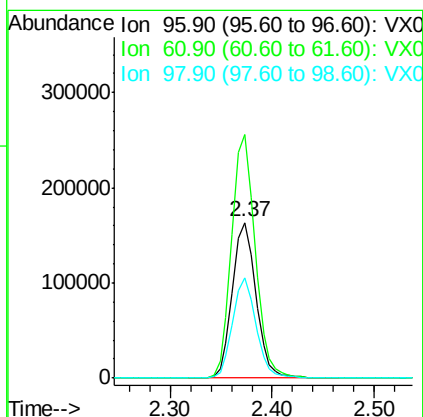
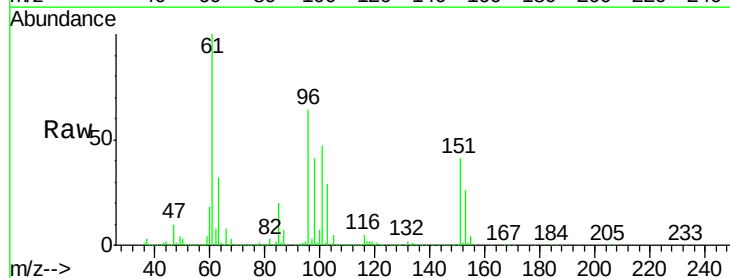
Tgt Ion: 59 Resp: 393381
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

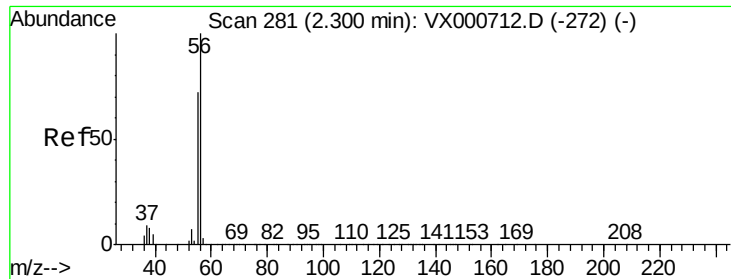


#12

1,1-Dichloroethene
Concen: 141.72 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 96 Resp: 260905
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.4
98 64.6 50.5 75.7





#13

Acrolein

Concen: 860.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

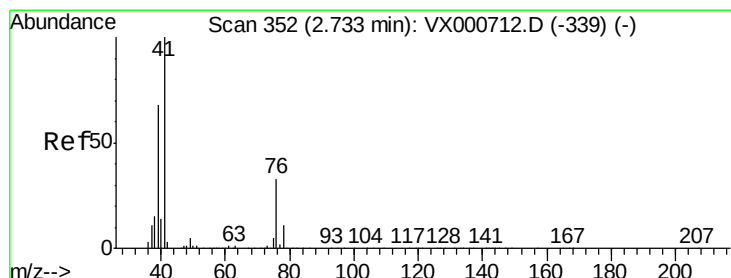
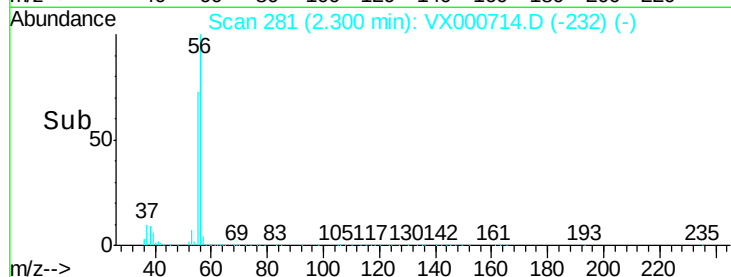
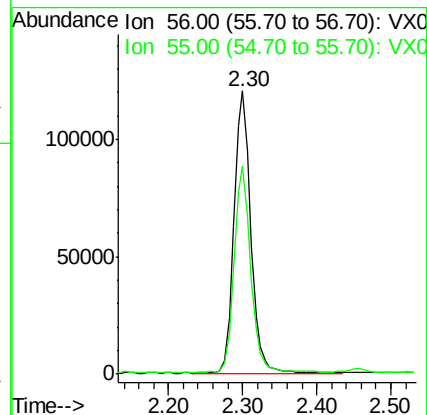
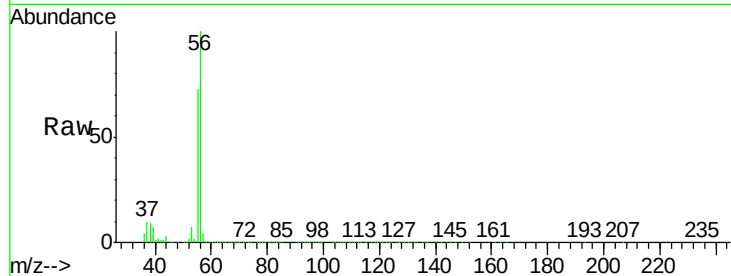
VSTDICC150

Tgt Ion: 56 Resp: 189445

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 143.52 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

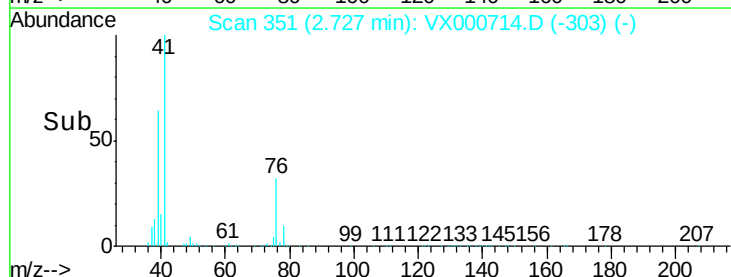
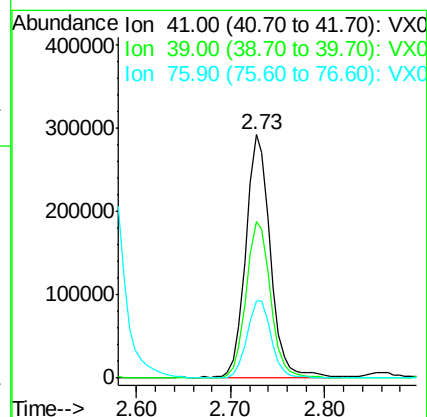
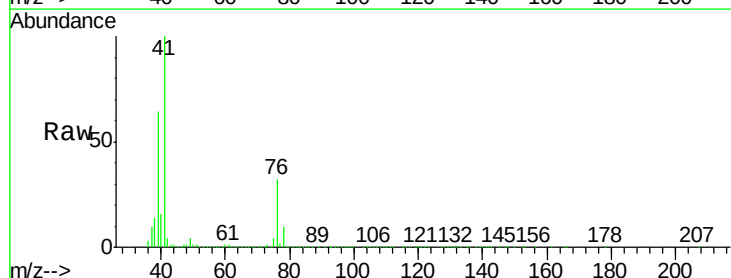
Tgt Ion: 41 Resp: 527760

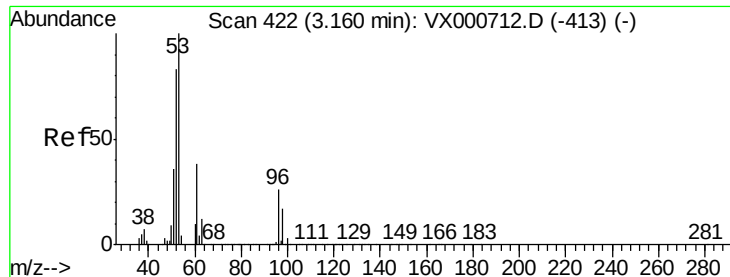
Ion Ratio Lower Upper

41 100

39 63.9 52.4 78.6

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 736.25 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

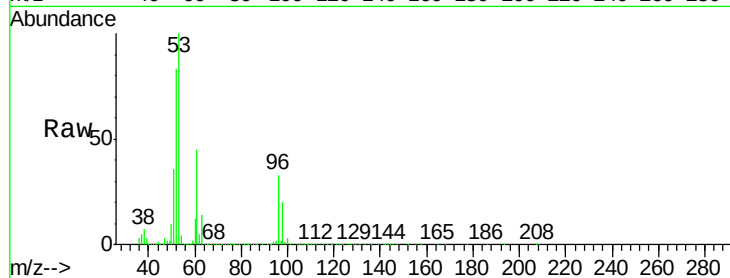
Tgt Ion: 53 Resp: 839281

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

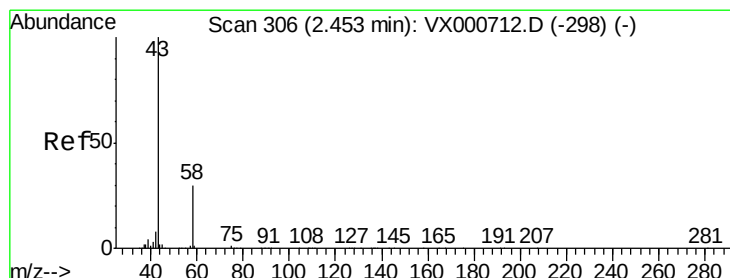
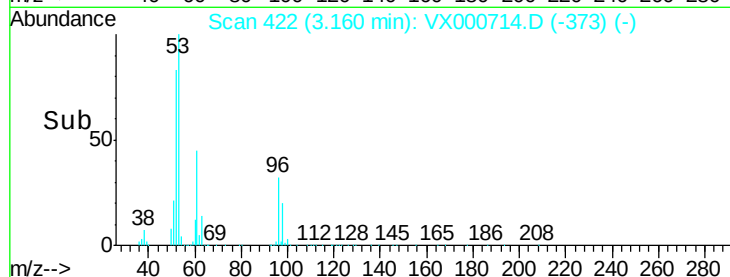
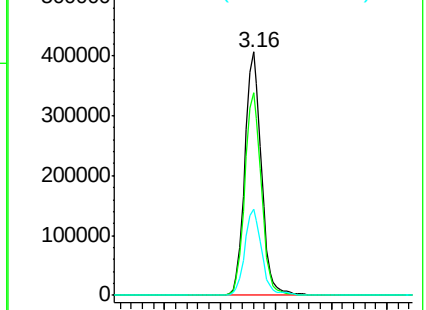
51 36.3 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 704.34 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000714.D

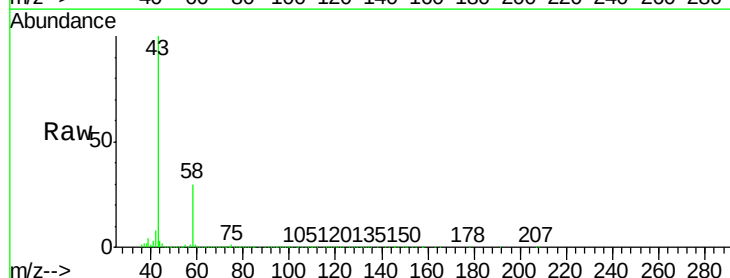
Acq: 07 Apr 2018 13:30

Tgt Ion: 43 Resp: 673961

Ion Ratio Lower Upper

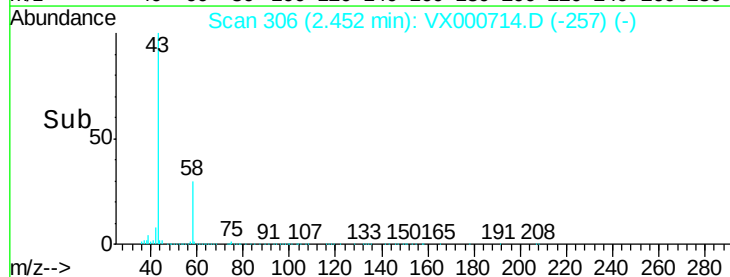
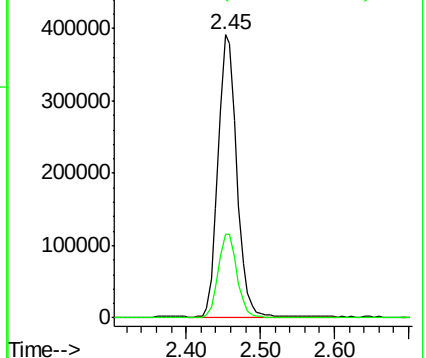
43 100

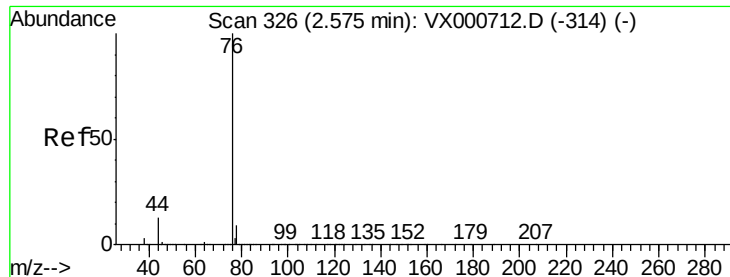
58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 145.20 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

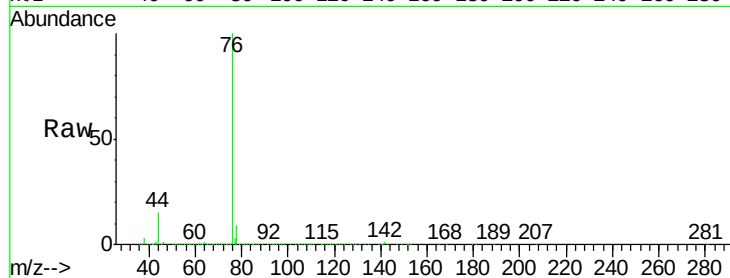
VSTDIC150

Tgt Ion: 76 Resp: 635316

Ion Ratio Lower Upper

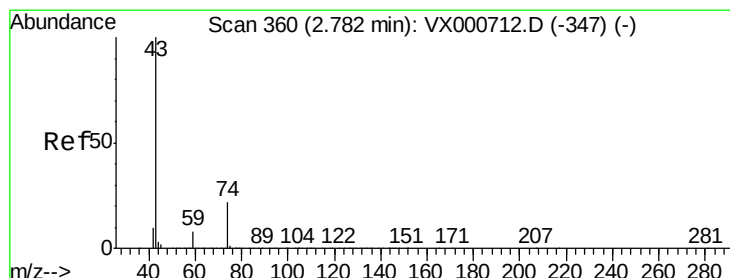
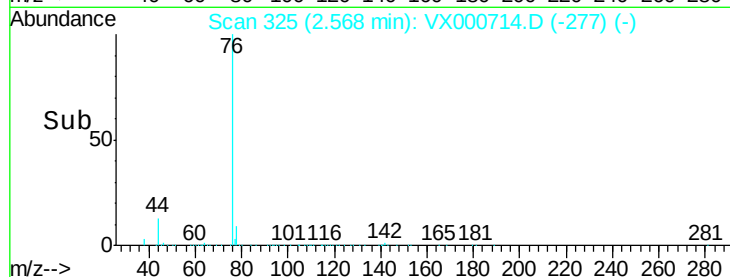
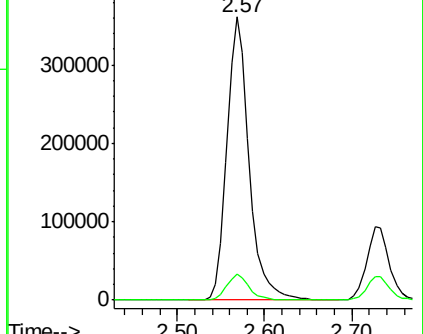
76 100

78 9.4 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: 143.59 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000714.D

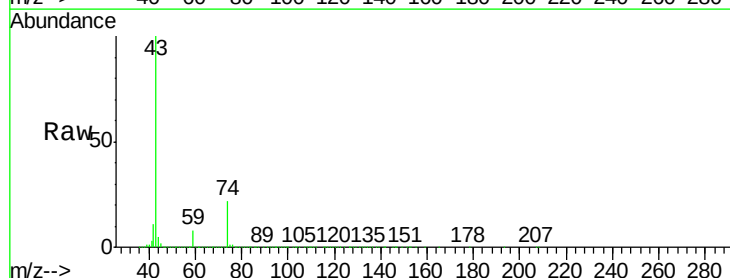
Acq: 07 Apr 2018 13:30

Tgt Ion: 43 Resp: 437348

Ion Ratio Lower Upper

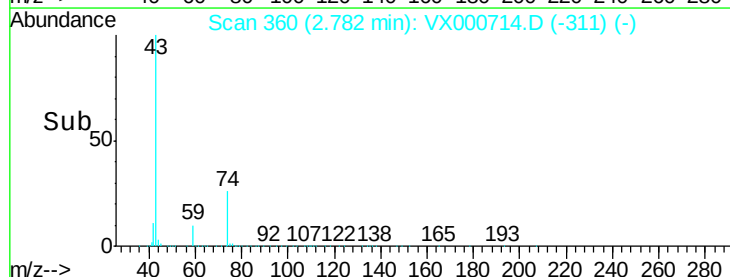
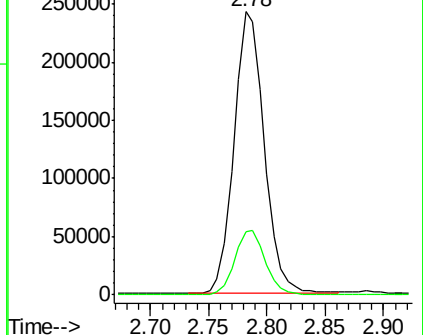
43 100

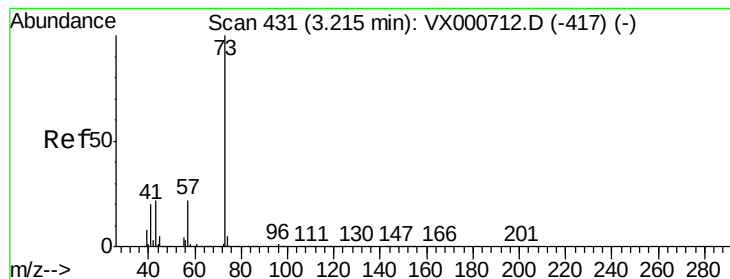
74 23.1 19.0 28.6



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: 142.97 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

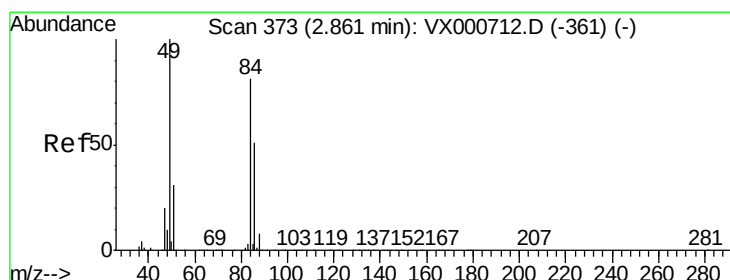
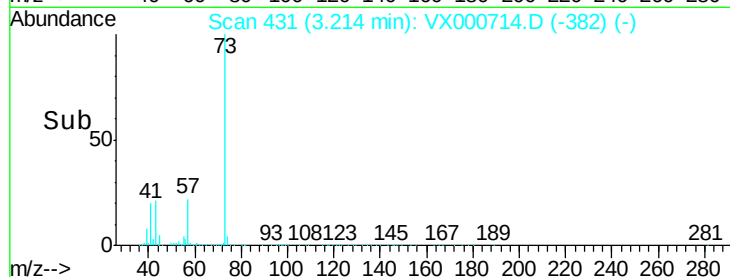
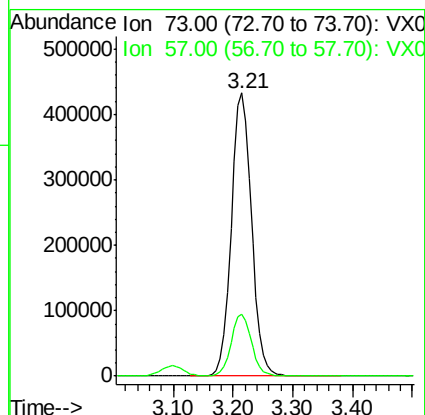
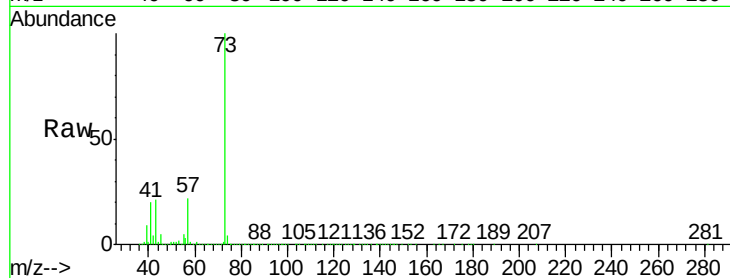
VSTDIC150

Tgt Ion: 73 Resp: 1016988

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 145.01 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Tgt Ion: 84 Resp: 304959

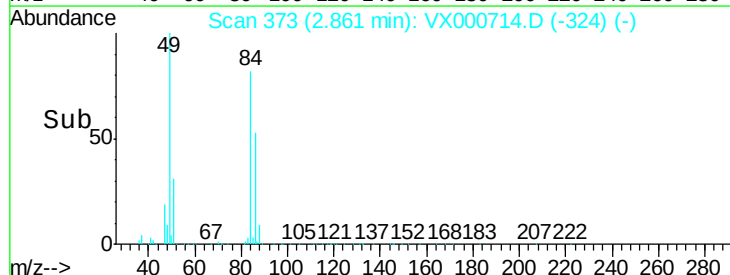
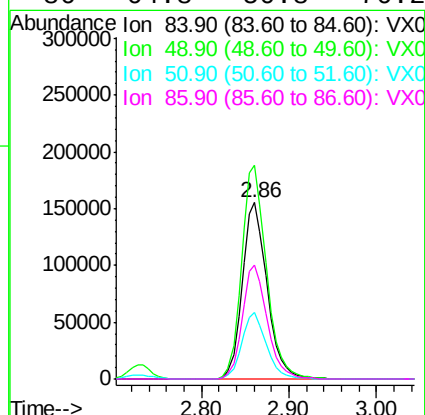
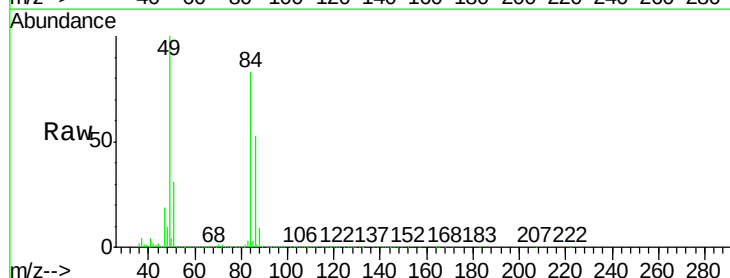
Ion Ratio Lower Upper

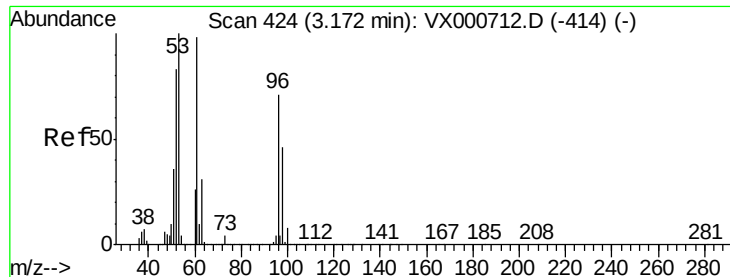
84 100

49 121.1 98.6 148.0

51 37.9 30.8 46.2

86 64.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 143.47 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

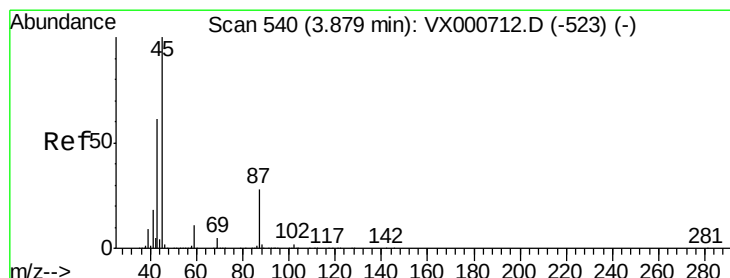
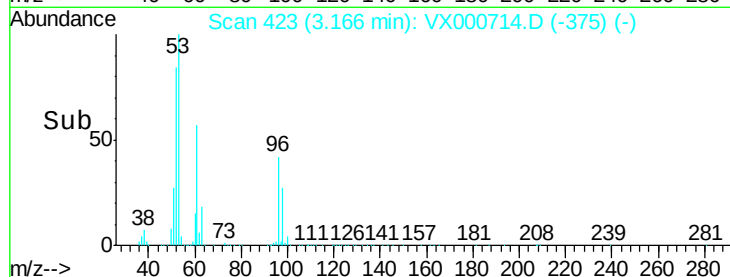
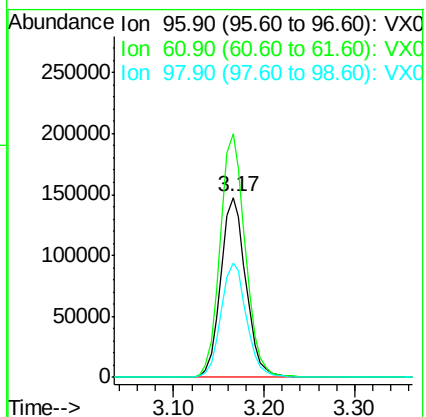
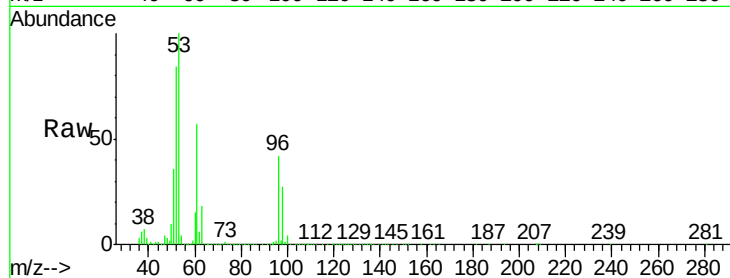
Tgt Ion: 96 Resp: 283083

Ion Ratio Lower Upper

96 100

61 135.7 109.8 164.6

98 63.8 51.5 77.3



#22

Diisopropyl ether

Concen: 142.90 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Tgt Ion: 45 Resp: 1081144

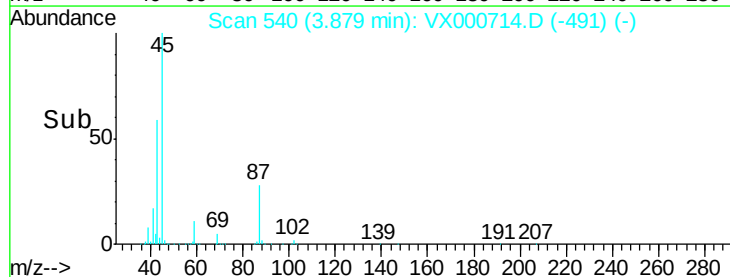
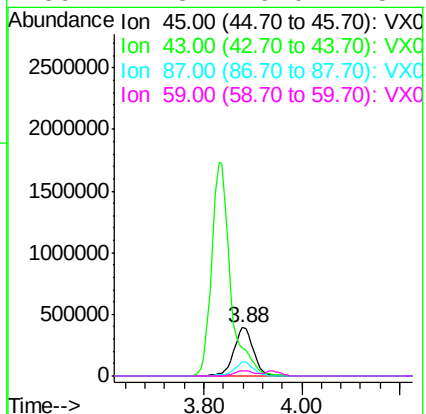
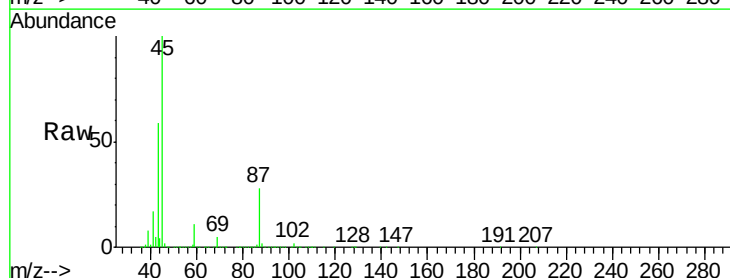
Ion Ratio Lower Upper

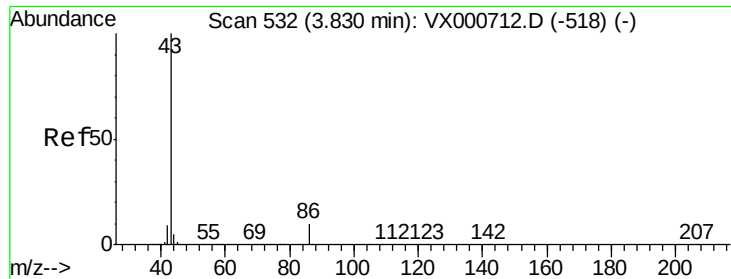
45 100

43 59.1 49.2 73.8

87 28.2 22.7 34.1

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 703.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

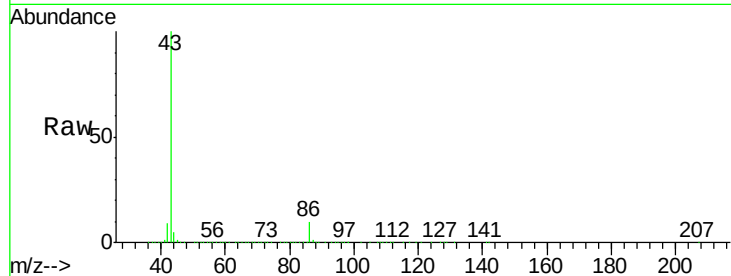
VSTDIC150

Tgt Ion: 43 Resp: 4628131

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

1500000

1000000

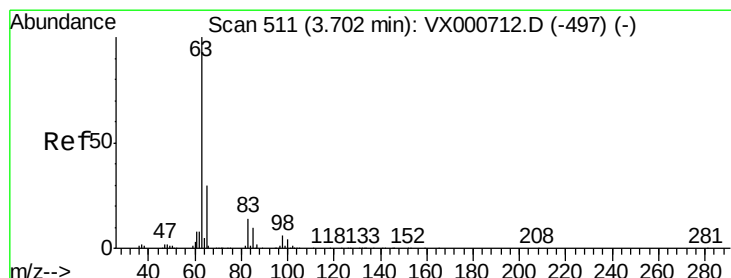
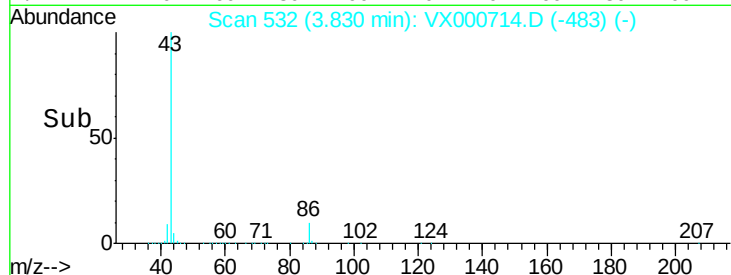
500000

0

3.83

3.60 3.80 4.00 4.20

Time-->



#24

1,1-Dichloroethane

Concen: 146.83 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

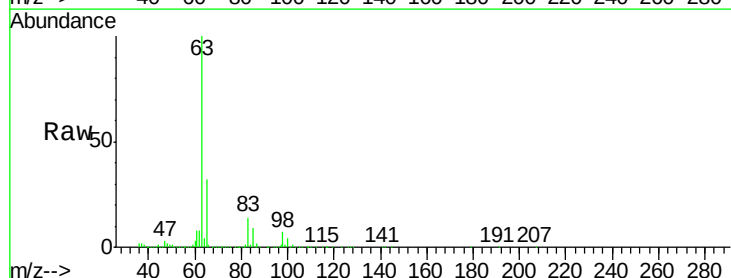
Tgt Ion: 63 Resp: 578347

Ion Ratio Lower Upper

63 100

98 6.9 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

300000

250000

200000

150000

100000

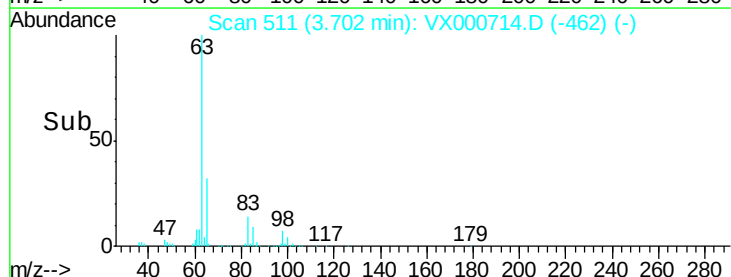
50000

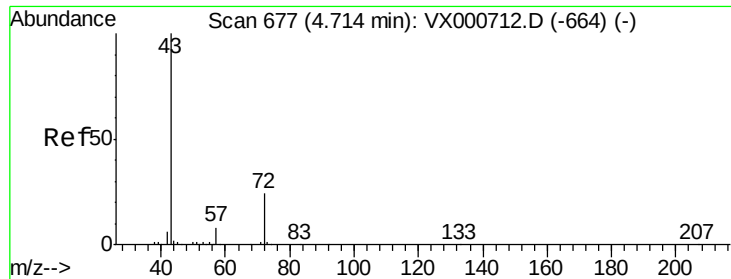
0

3.70

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 705.57 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

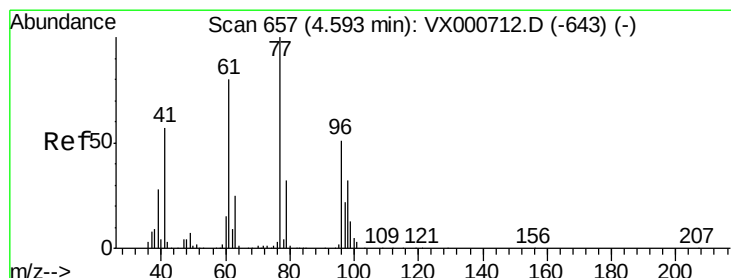
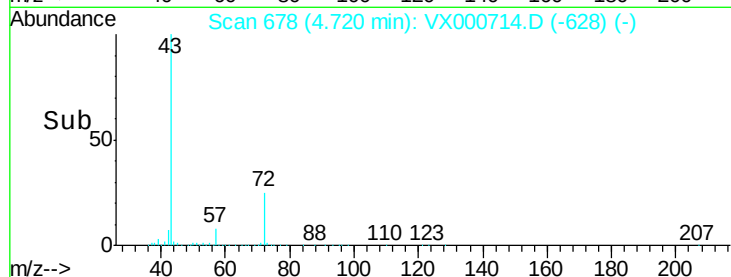
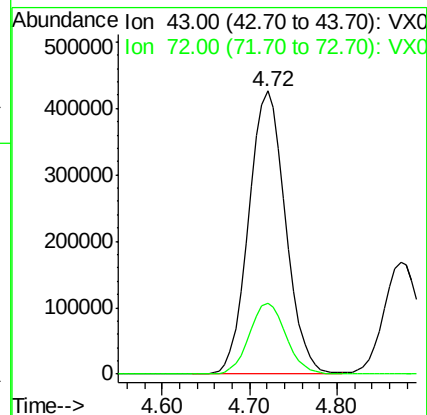
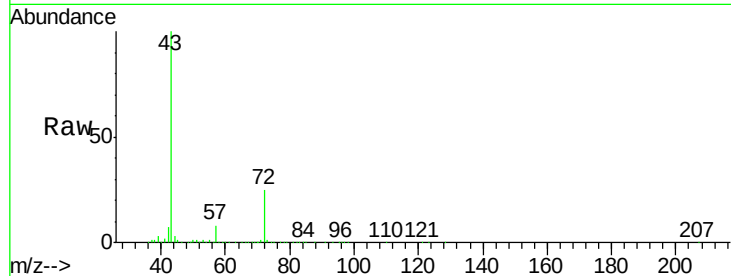
VSTDIC150

Tgt Ion: 43 Resp: 1243930

Ion Ratio Lower Upper

43 100

72 24.9 19.0 28.4



#26

2,2-Dichloropropane

Concen: 139.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000714.D

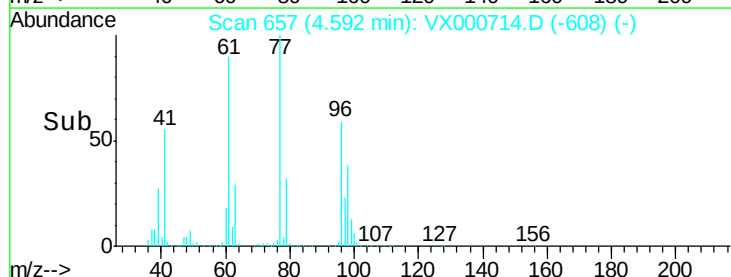
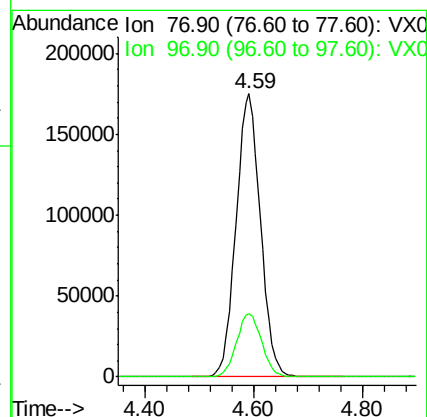
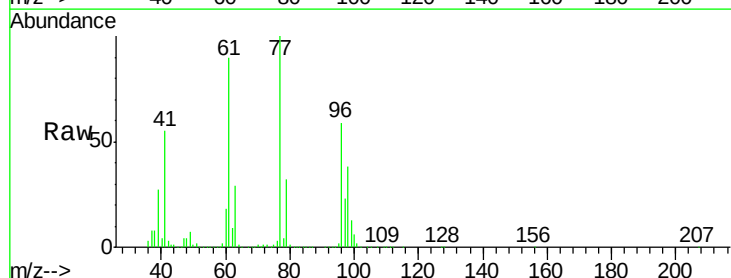
Acq: 07 Apr 2018 13:30

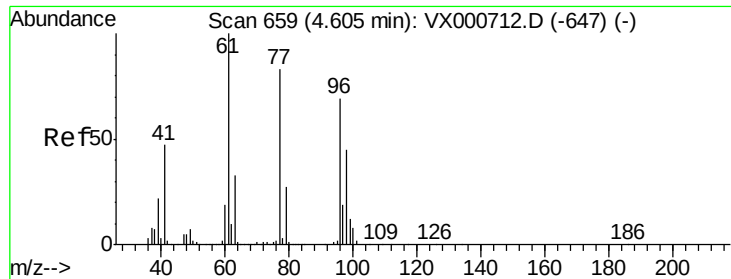
Tgt Ion: 77 Resp: 546417

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



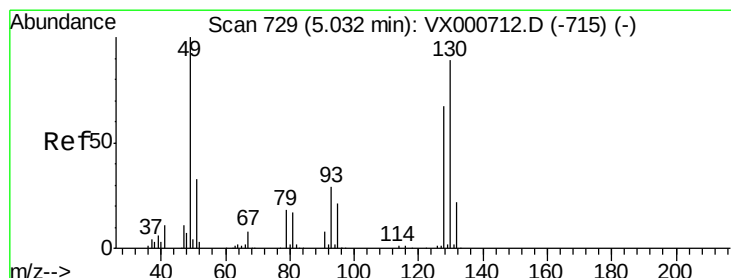
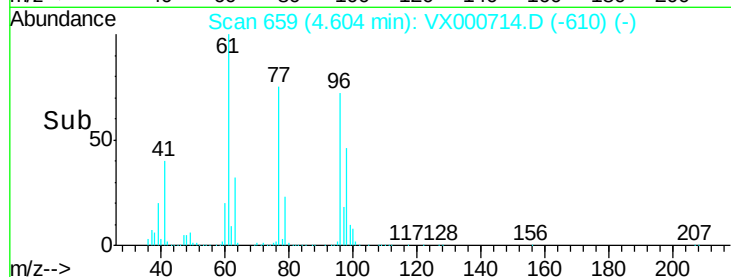
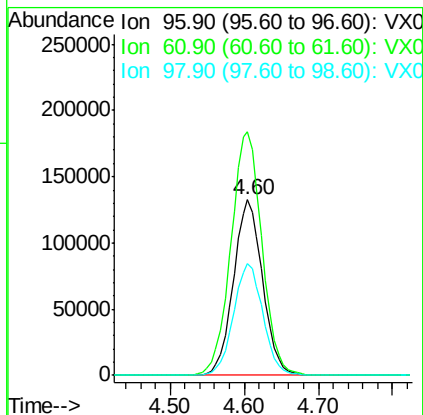
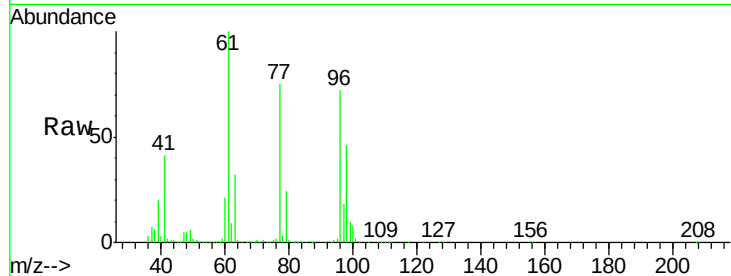


#27

cis-1,2-Dichloroethene
 Concen: 142.75 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

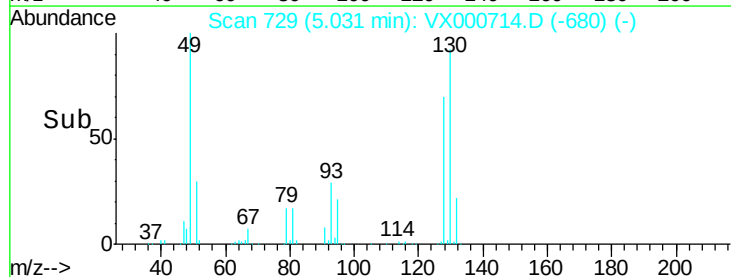
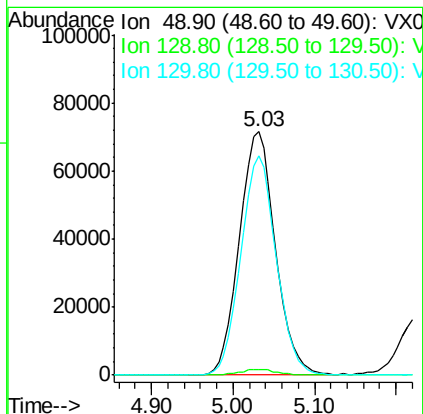
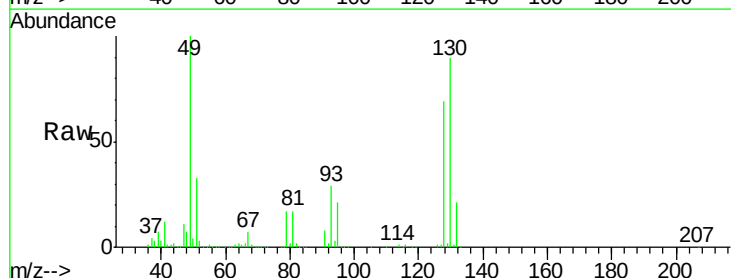
Tgt Ion: 96 Resp: 361831
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 301.0
 98 64.4 0.0 129.6

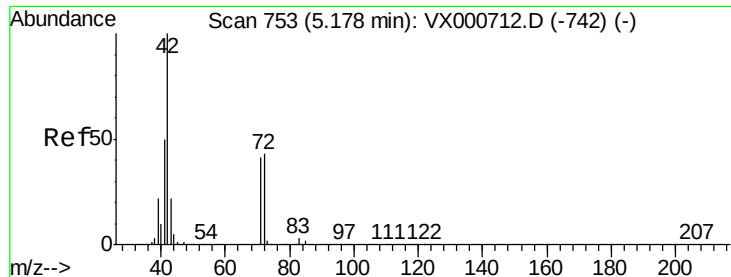


#28

Bromochloromethane
 Concen: 126.67 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 49 Resp: 220209
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 88.4 69.0 103.4





#29

Tetrahydrofuran

Concen: 701.96 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

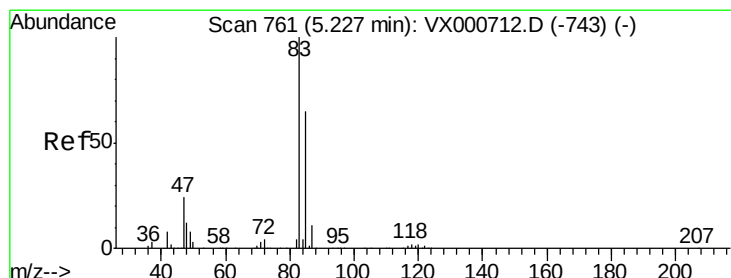
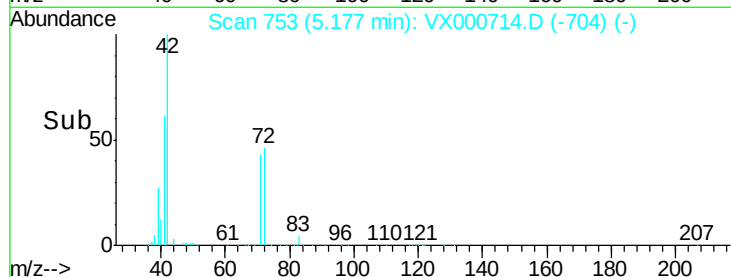
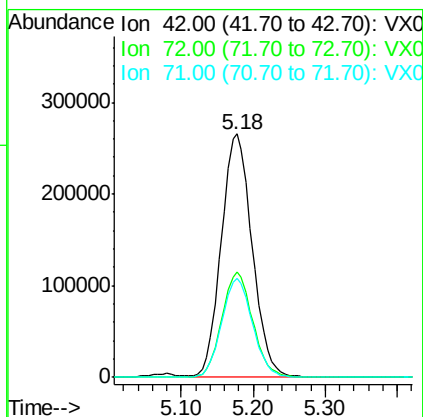
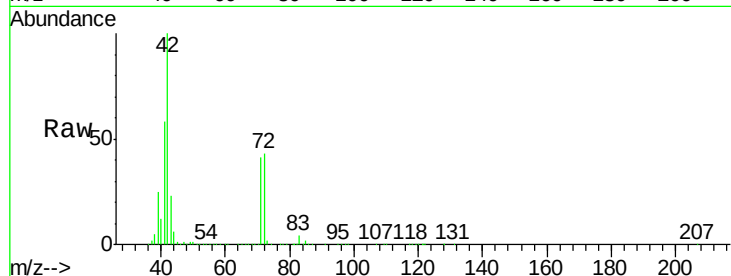
Tgt Ion: 42 Resp: 789485

Ion Ratio Lower Upper

42 100

72 43.4 34.4 51.6

71 40.6 32.0 48.0



#30

Chloroform

Concen: 143.40 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000714.D

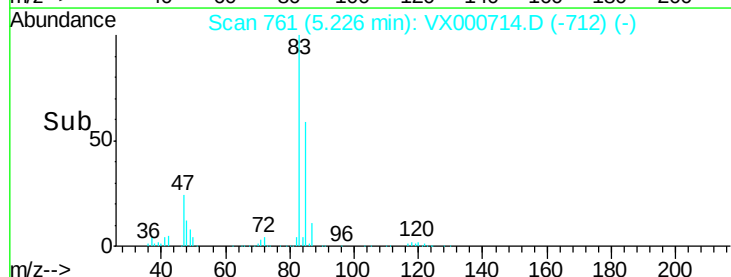
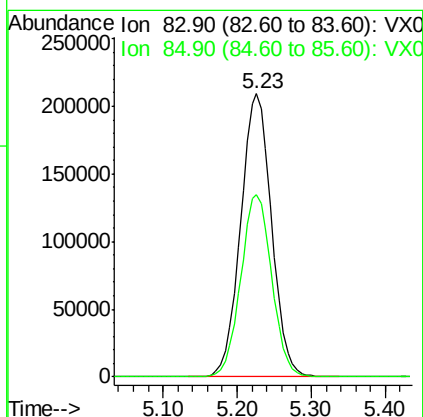
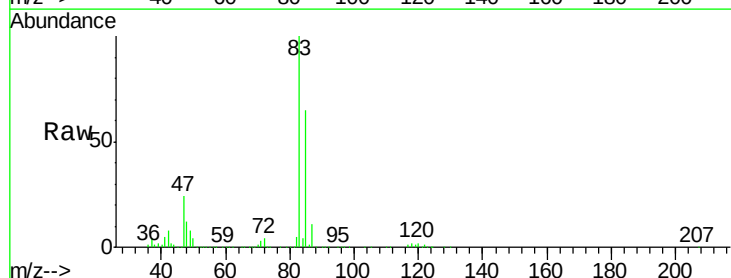
Acq: 07 Apr 2018 13:30

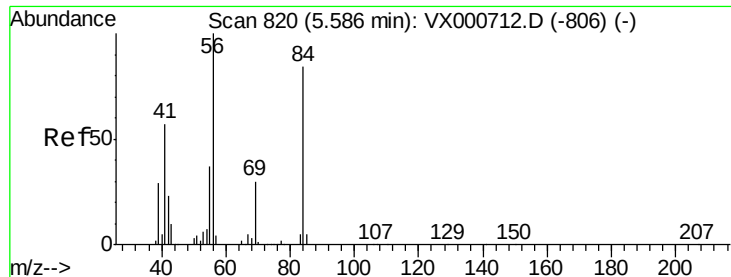
Tgt Ion: 83 Resp: 606996

Ion Ratio Lower Upper

83 100

85 64.6 52.3 78.5





#31

Cyclohexane

Concen: 138.64 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

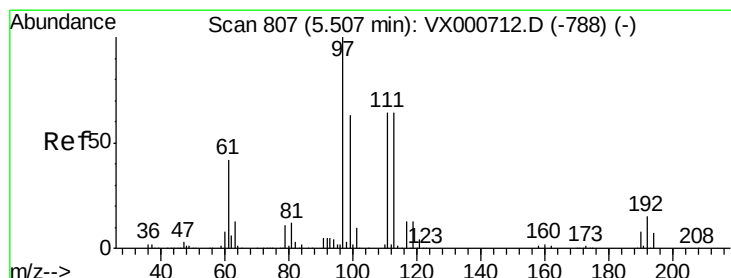
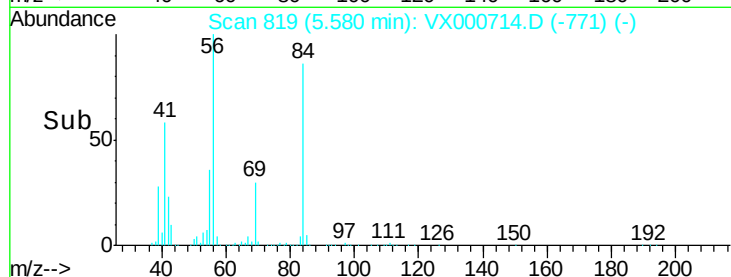
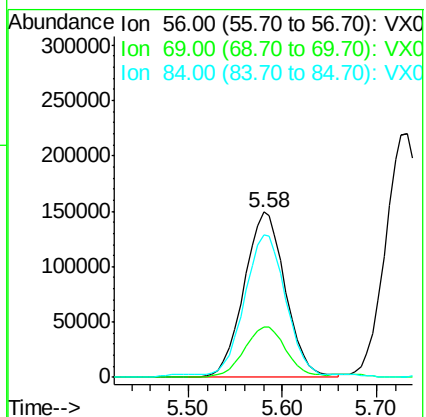
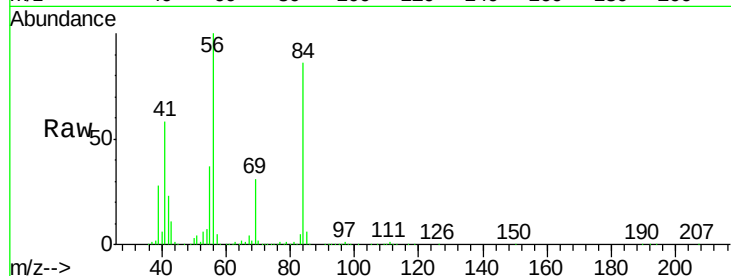
Tgt Ion: 56 Resp: 455855

Ion Ratio Lower Upper

56 100

69 30.4 23.8 35.6

84 84.6 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 140.30 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

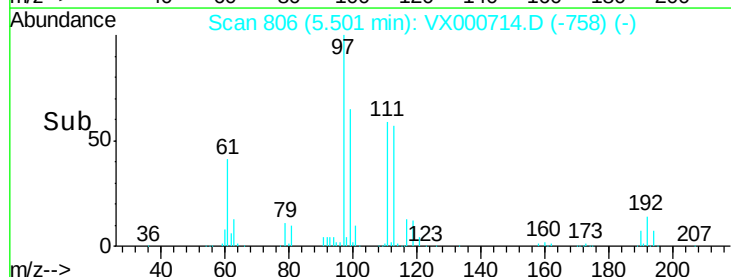
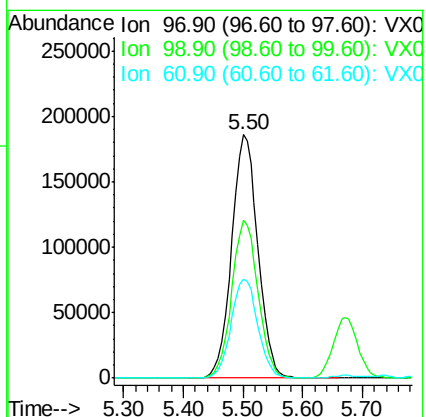
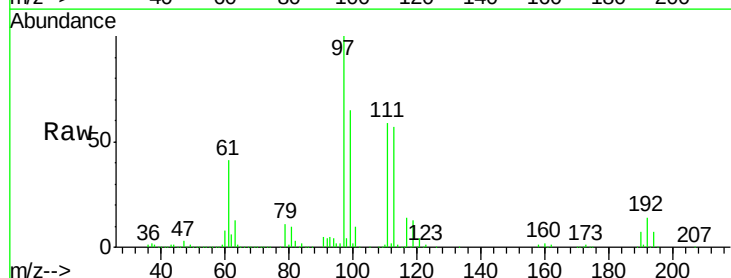
Tgt Ion: 97 Resp: 565915

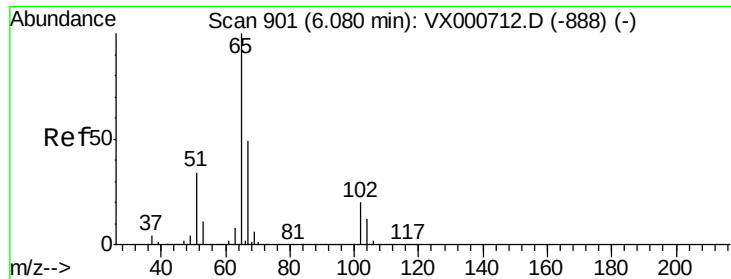
Ion Ratio Lower Upper

97 100

99 65.3 51.4 77.2

61 41.7 34.2 51.4

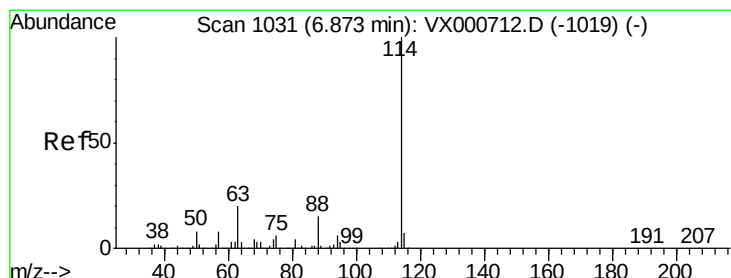
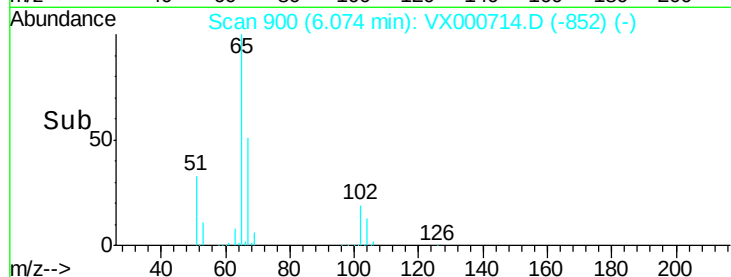
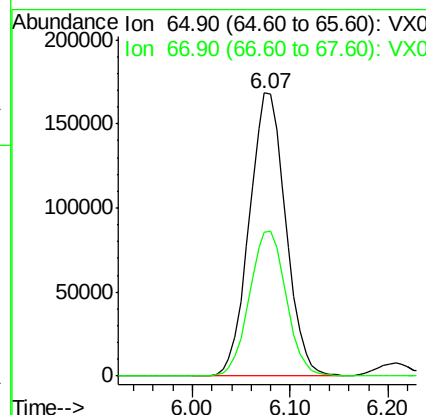
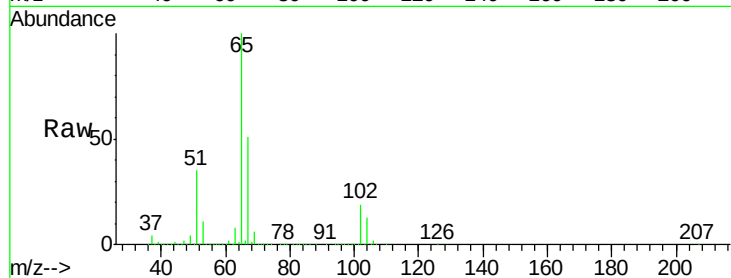




#33
 1,2-Dichloroethane-d4
 Concen: 143.46 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

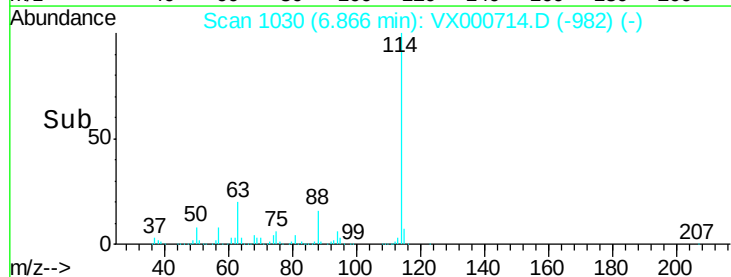
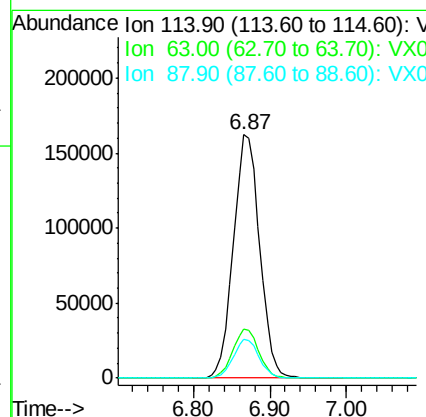
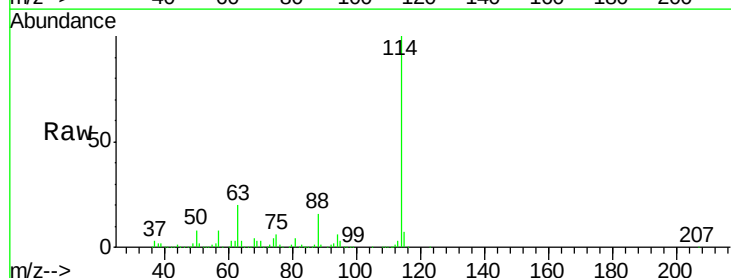
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

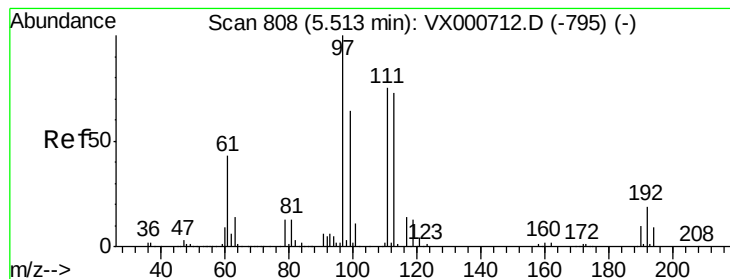
Tgt Ion: 65 Resp: 437115
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 114 Resp: 385720
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 144.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

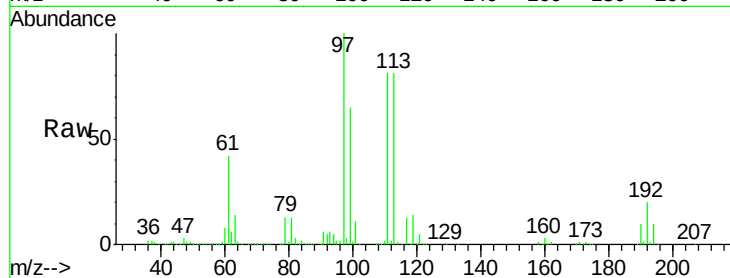
Tgt Ion:113 Resp: 365221

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

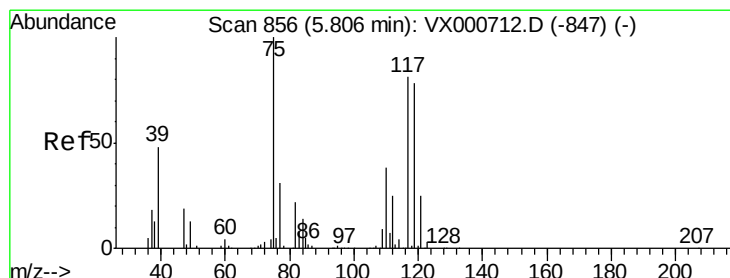
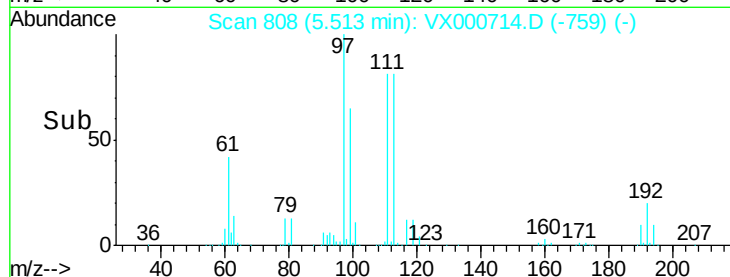
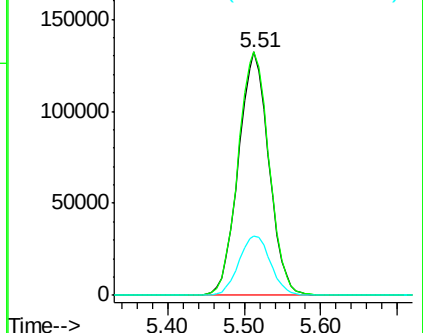
192 25.5 20.0 30.0



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: 141.00 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

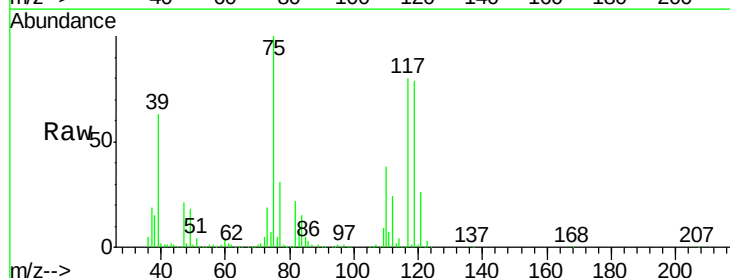
Tgt Ion: 75 Resp: 430829

Ion Ratio Lower Upper

75 100

110 37.2 18.6 56.0

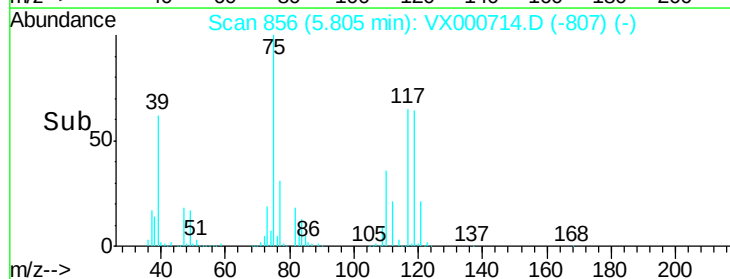
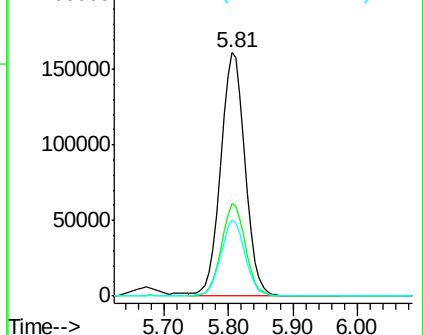
77 30.7 24.6 37.0

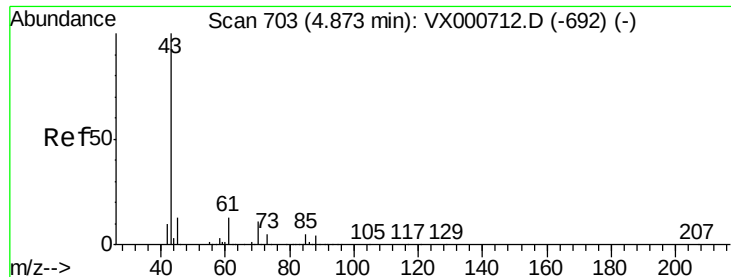


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

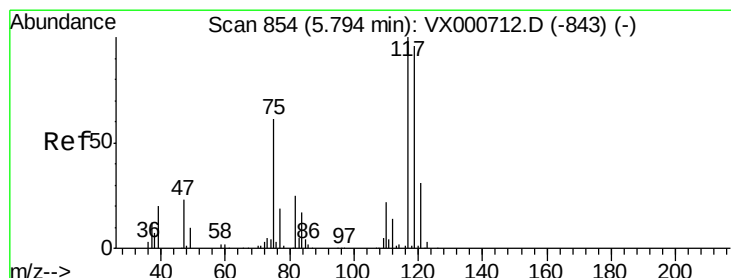
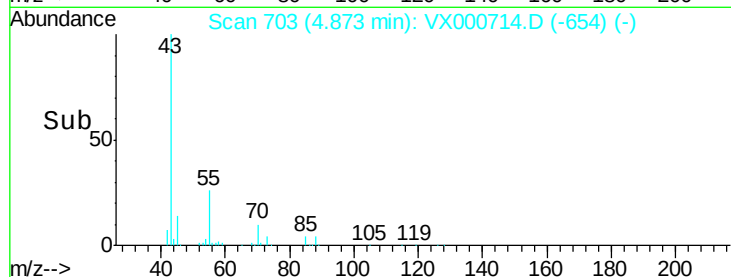
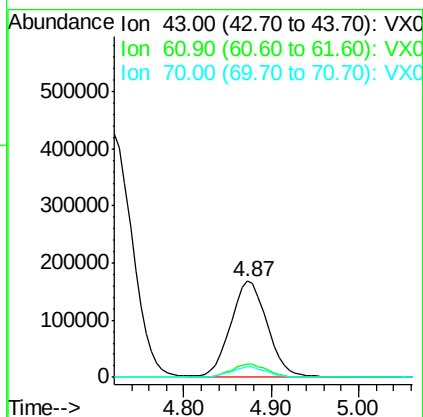
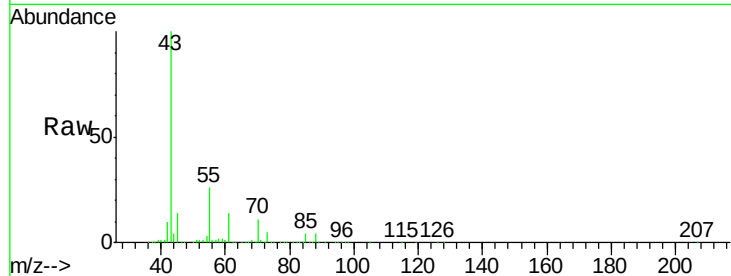




#37
Ethyl Acetate
Concen: 140.32 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

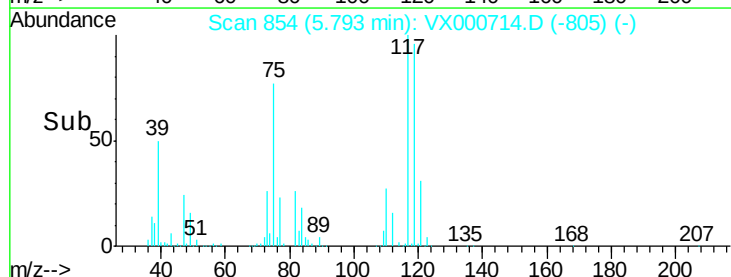
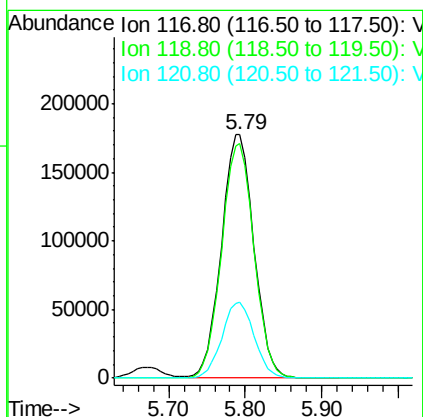
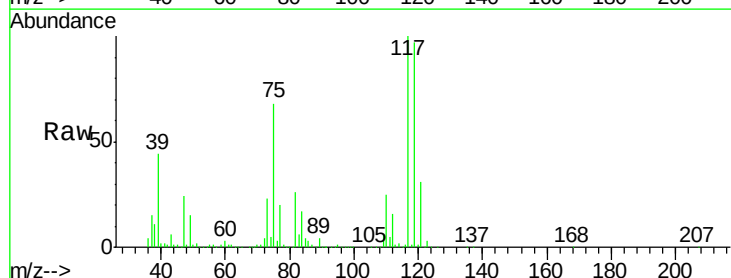
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

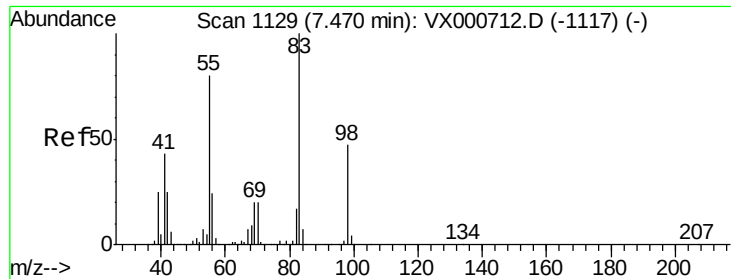
Tgt Ion: 43 Resp: 486728
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 140.12 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 117 Resp: 519679
Ion Ratio Lower Upper
117 100
119 96.6 76.7 115.1
121 31.2 24.7 37.1

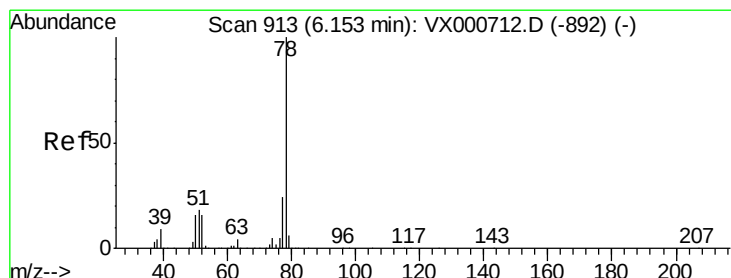
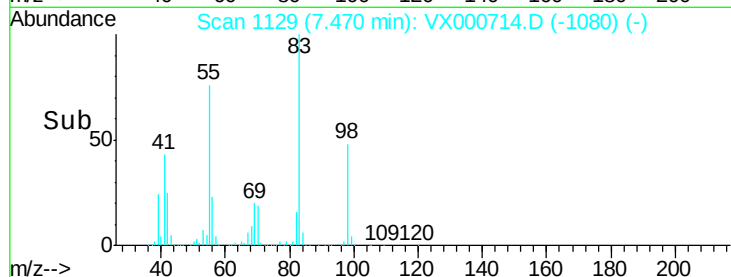
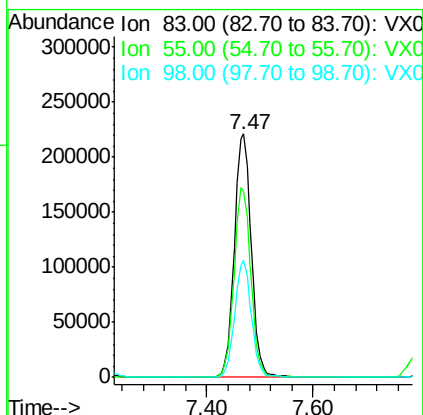
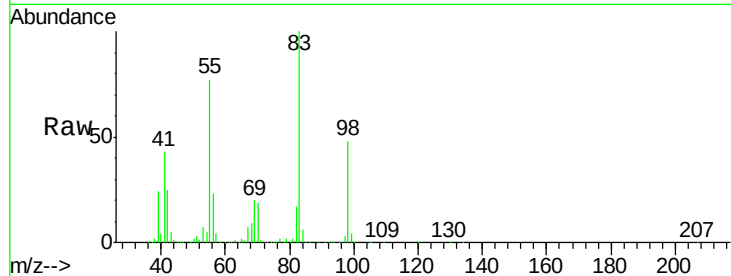




#39
Methylcyclohexane
Concen: 140.70 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

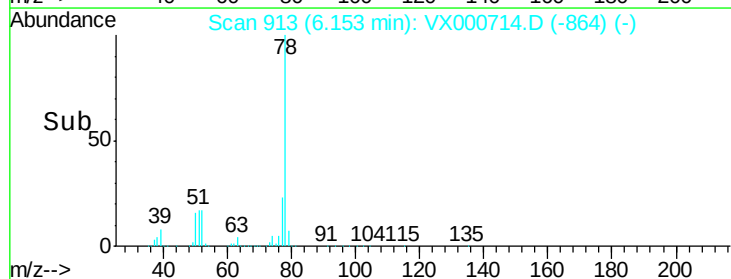
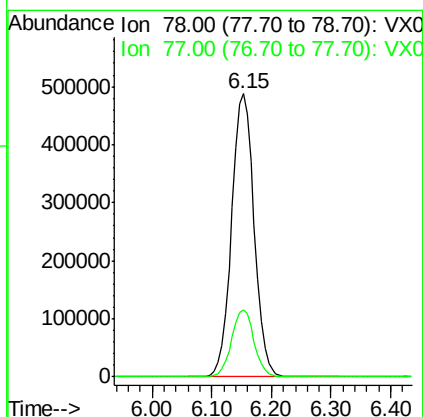
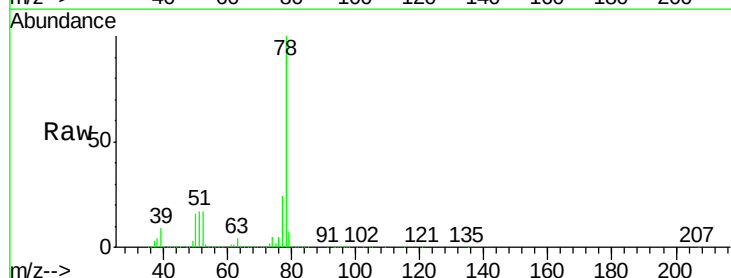
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

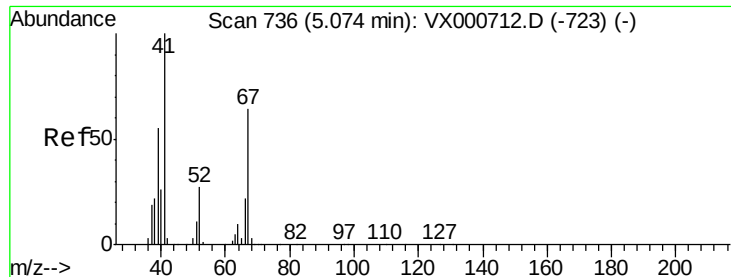
Tgt Ion: 83 Resp: 494085
Ion Ratio Lower Upper
83 100
55 76.4 63.7 95.5
98 47.8 37.2 55.8



#40
Benzene
Concen: 143.17 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 78 Resp: 1275441
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

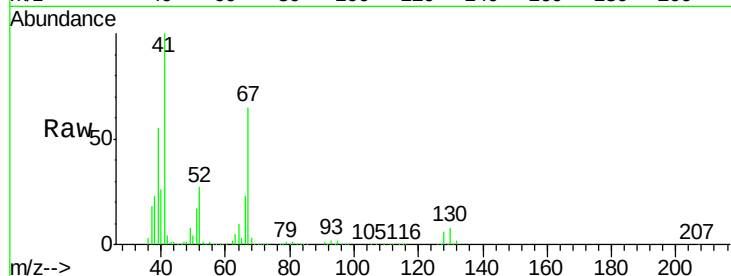




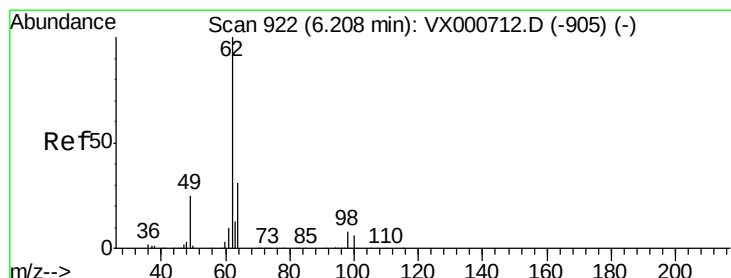
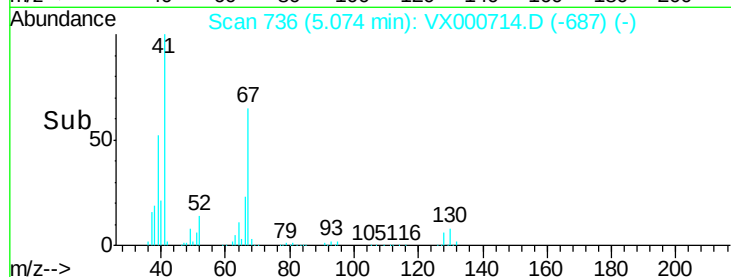
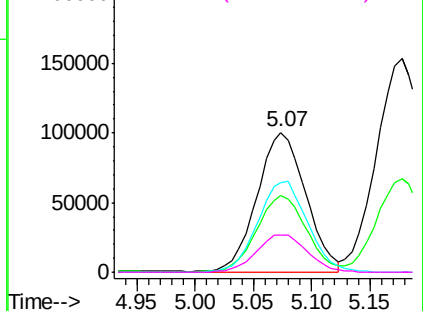
#41
Methacrylonitrile
Concen: 141.43 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 289009
Ion Ratio Lower Upper
41 100
39 55.9 45.3 67.9
67 66.9 52.7 79.1
52 28.1 22.3 33.5

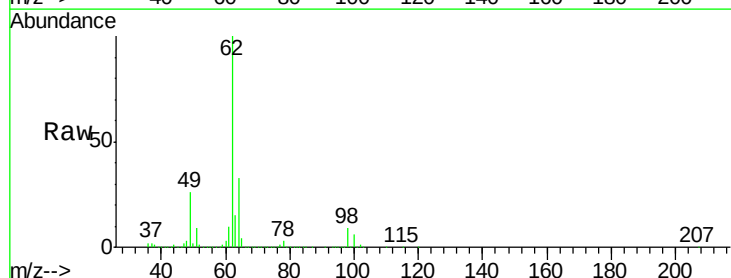


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

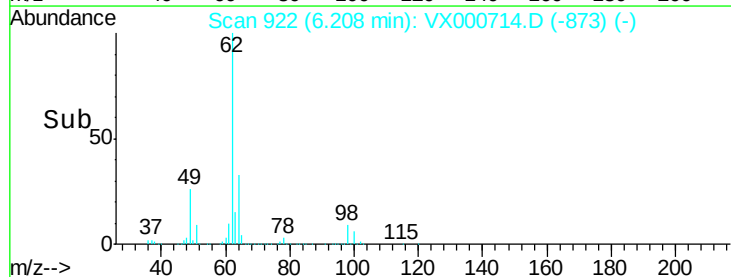
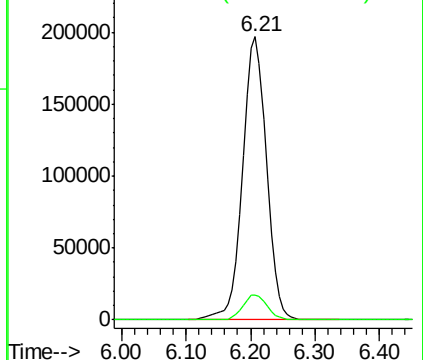


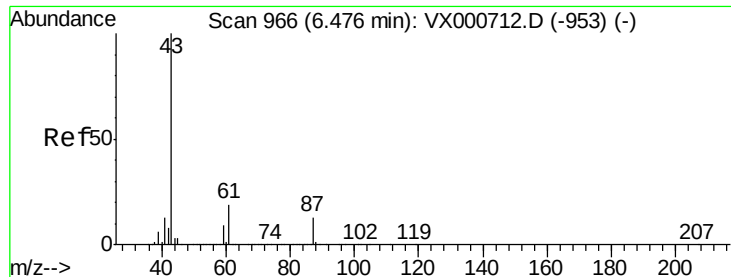
#42
1,2-Dichloroethane
Concen: 141.26 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 62 Resp: 501047
Ion Ratio Lower Upper
62 100
98 8.9 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: 141.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

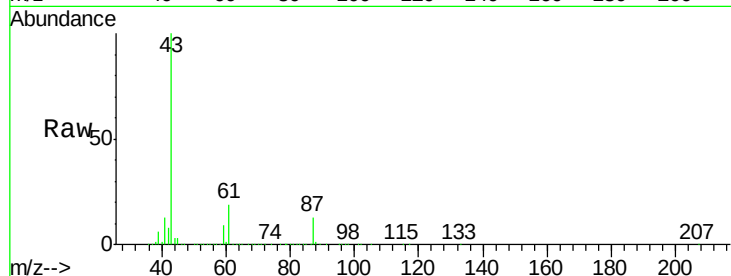
Tgt Ion: 43 Resp: 862583

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

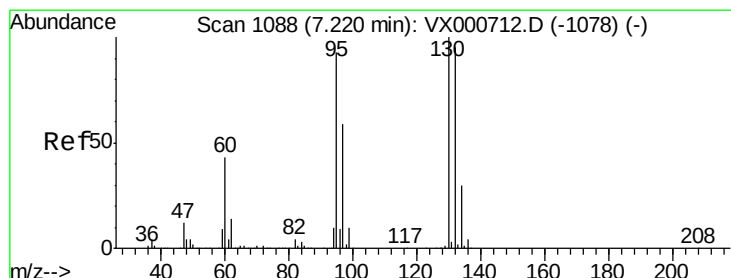
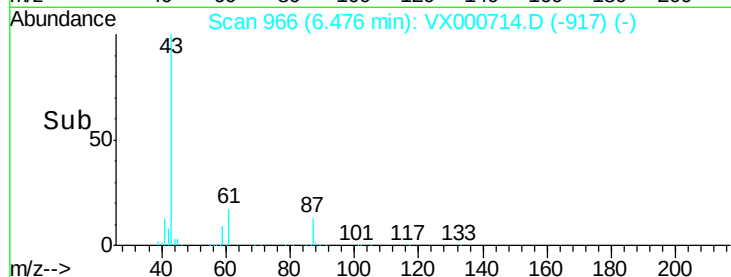
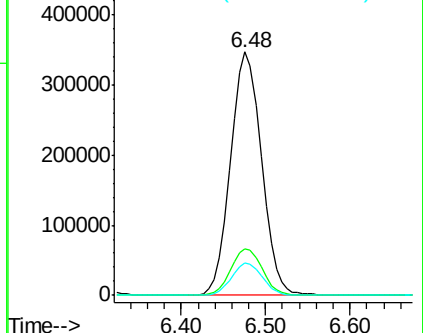
87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 140.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000714.D

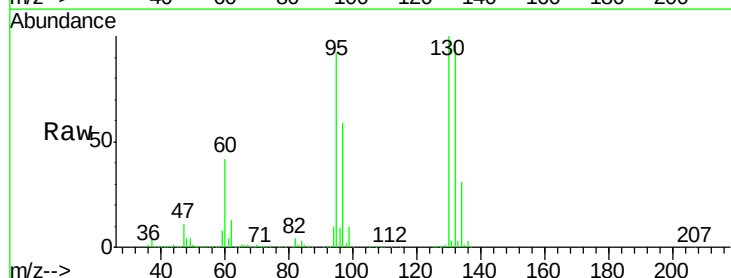
Acq: 07 Apr 2018 13:30

Tgt Ion: 130 Resp: 385885

Ion Ratio Lower Upper

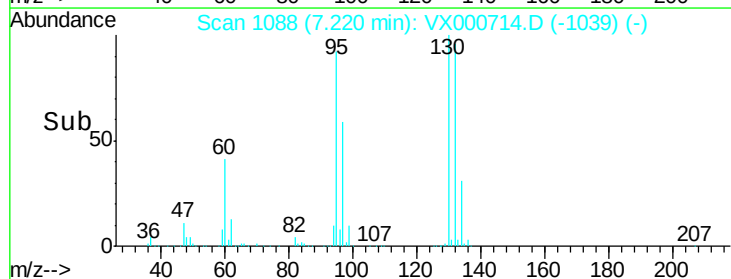
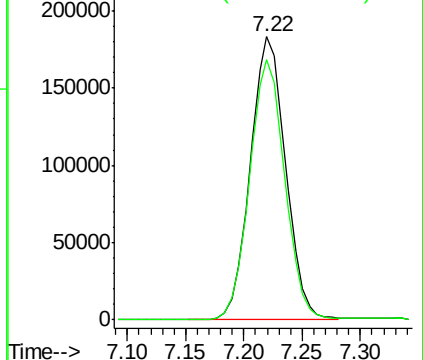
130 100

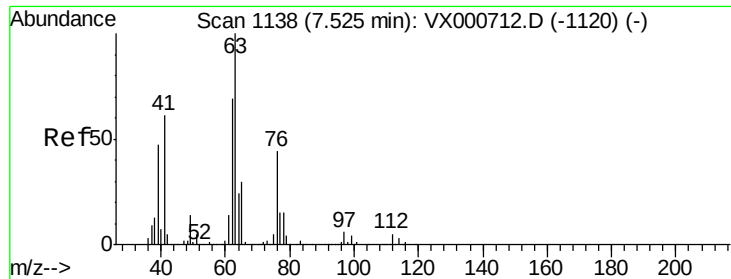
95 91.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

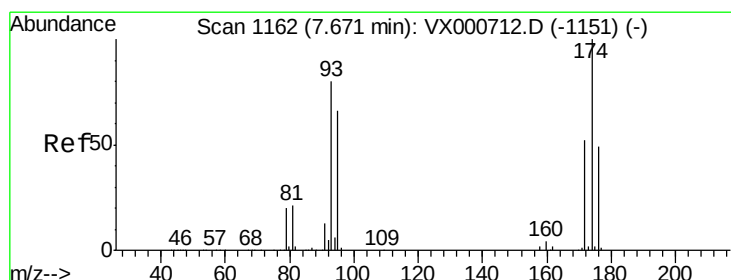
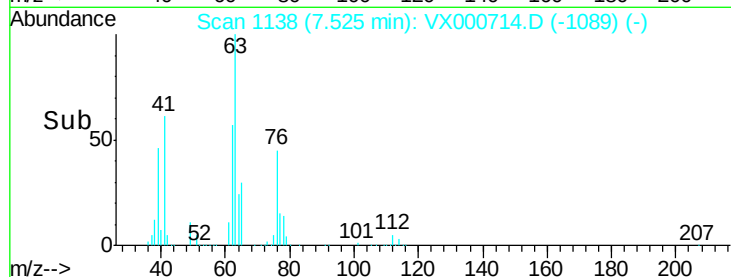
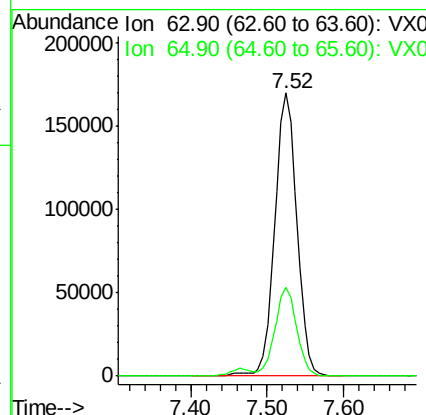
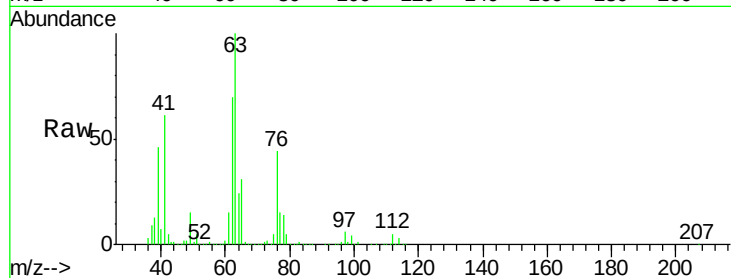




#45
 1,2-Dichloropropane
 Concen: 142.64 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

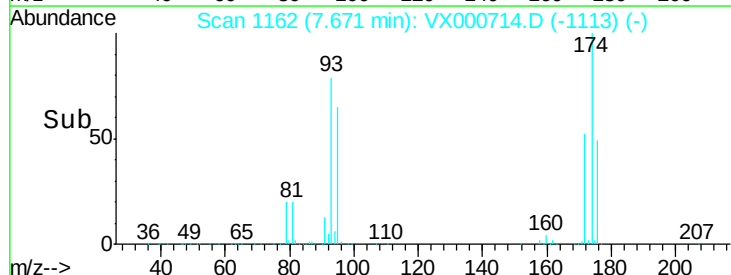
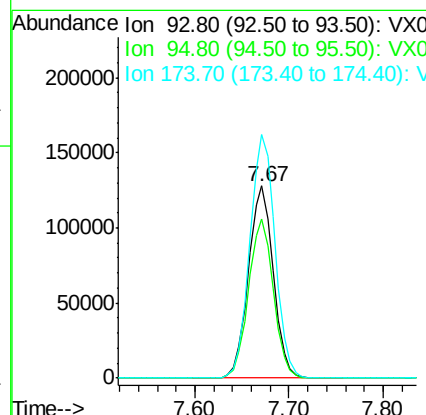
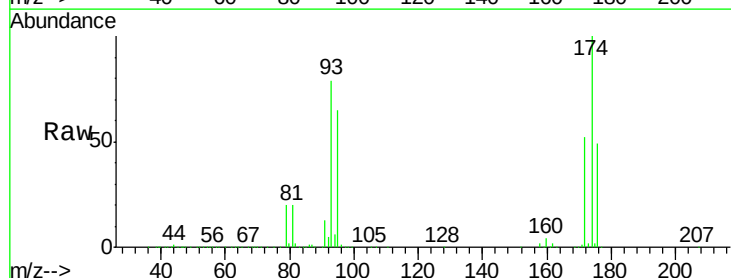
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

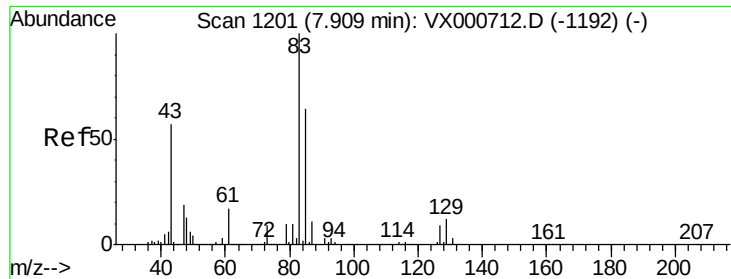
Tgt Ion: 63 Resp: 342590
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2



#46
 Dibromomethane
 Concen: 143.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 93 Resp: 236994
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.0 99.0
 174 128.2 100.2 150.2

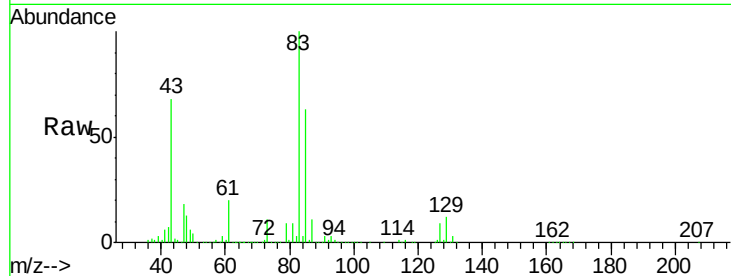




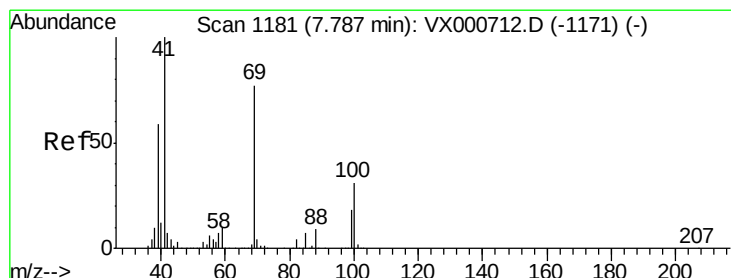
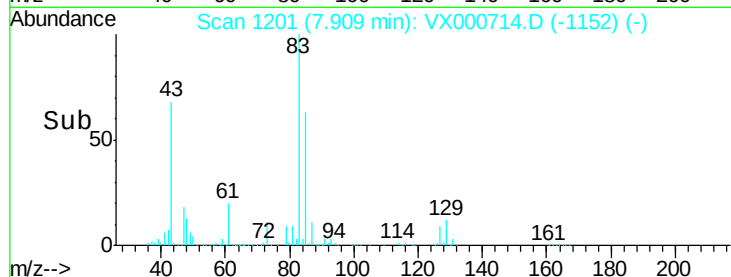
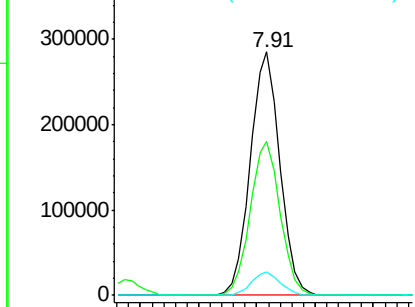
#47
 Bromodichloromethane
 Concen: 145.32 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 83 Resp: 504859
 Ion Ratio Lower Upper
 83 100
 85 63.2 51.0 76.4
 127 9.5 7.4 11.2

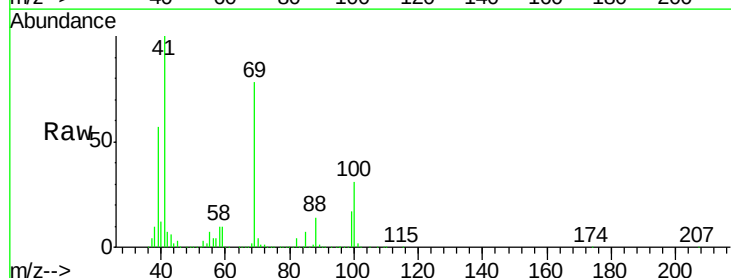


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

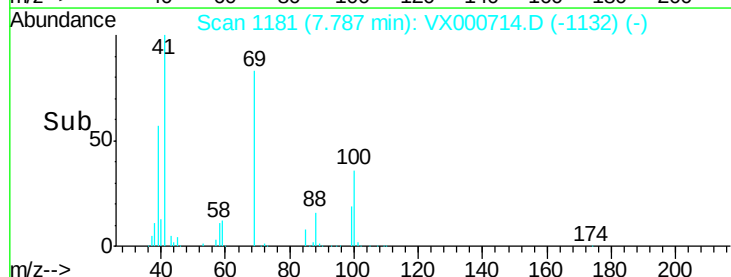
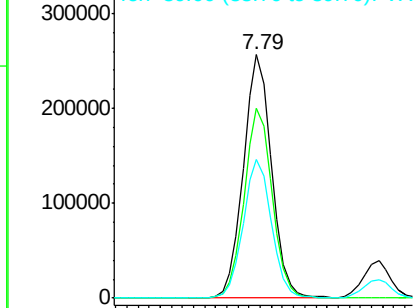


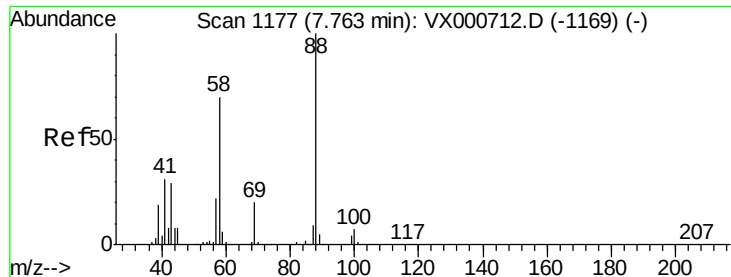
#48
 Methyl methacrylate
 Concen: 143.26 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 41 Resp: 447948
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.0 93.0
 39 56.9 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

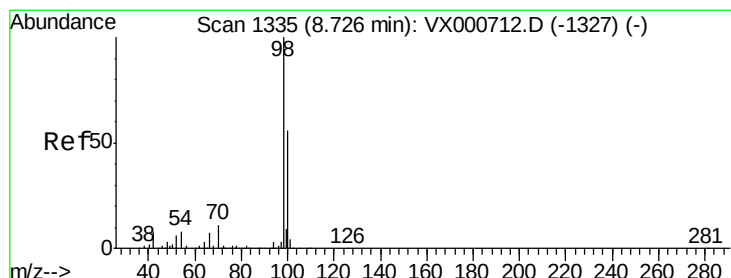
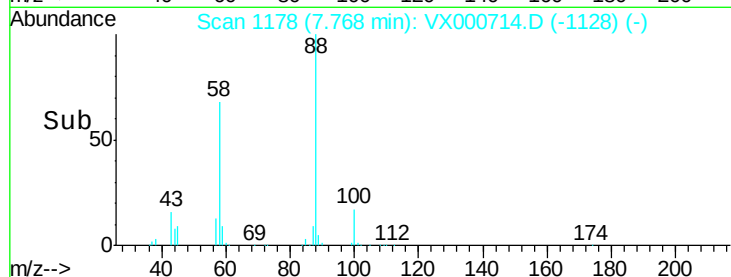
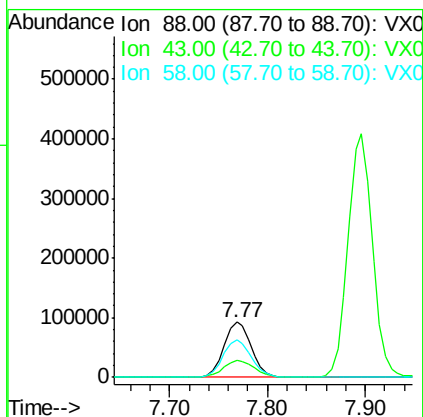
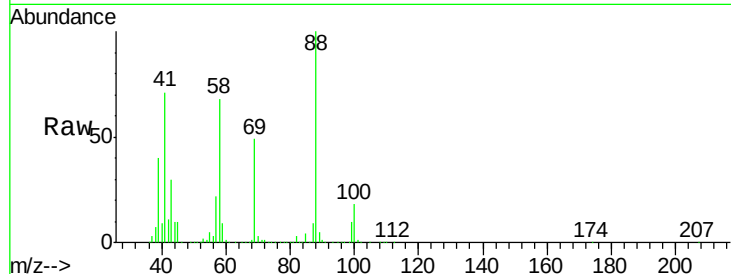




#49
 1,4-Dioxane
 Concen: 2822.48 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

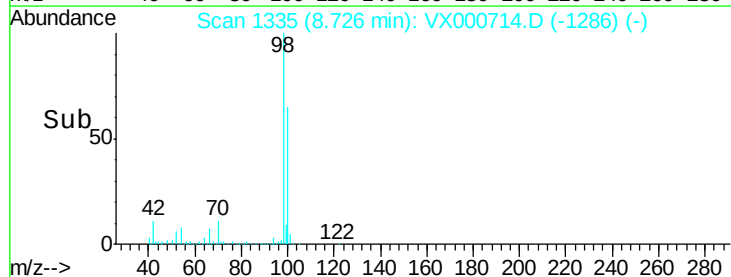
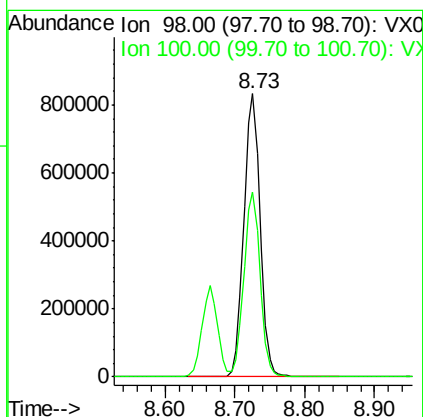
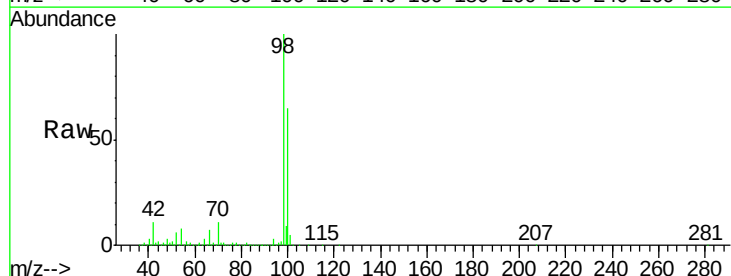
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

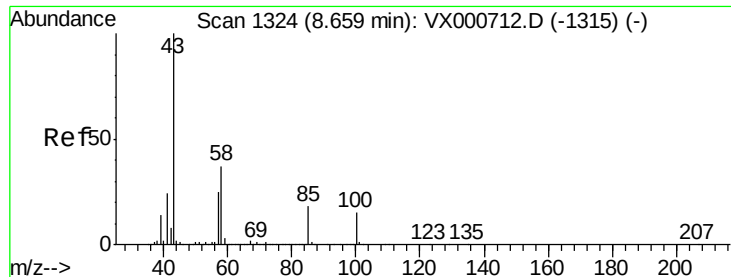
Tgt Ion: 88 Resp: 178870
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.9 41.9
 58 69.7 57.0 85.4



#50
 Toluene-d8
 Concen: 145.61 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 98 Resp: 1346885
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 78.8

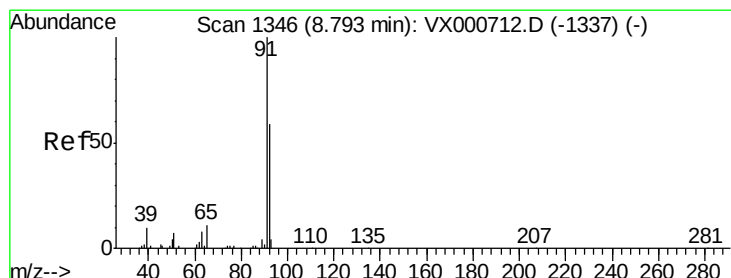
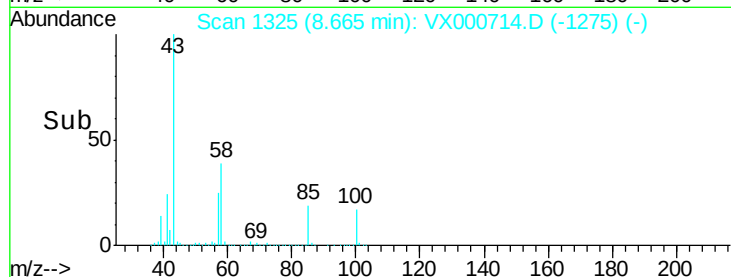
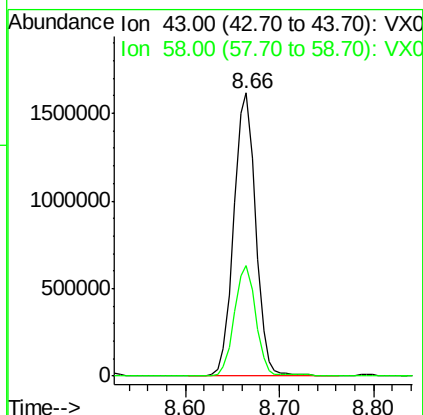
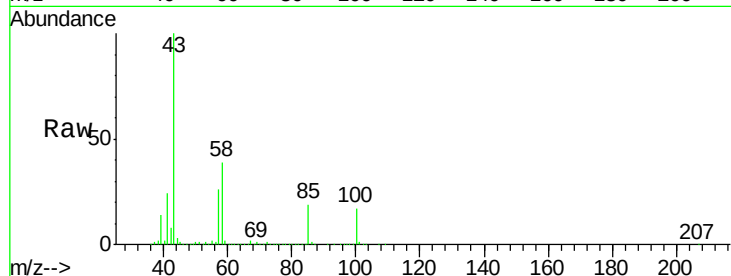




#51
 4-Methyl-2-Pentanone
 Concen: 720.82 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

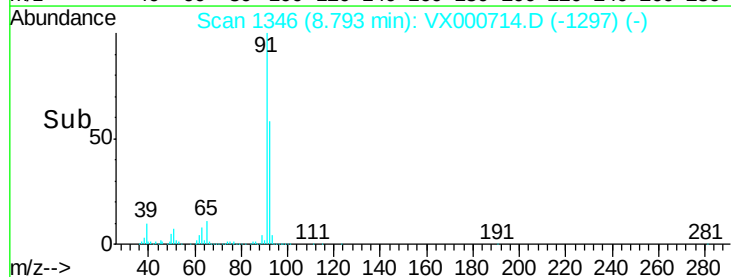
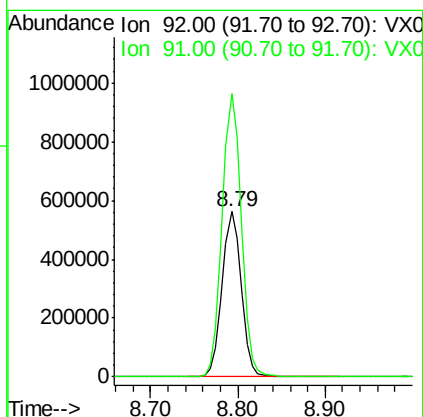
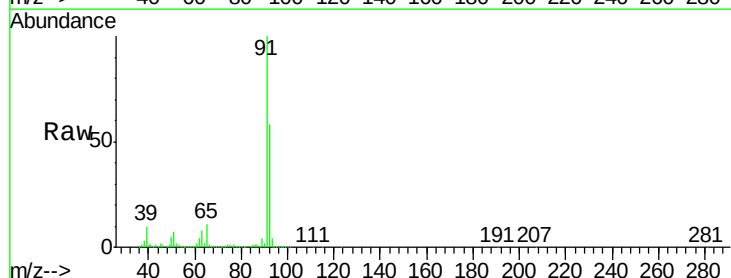
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

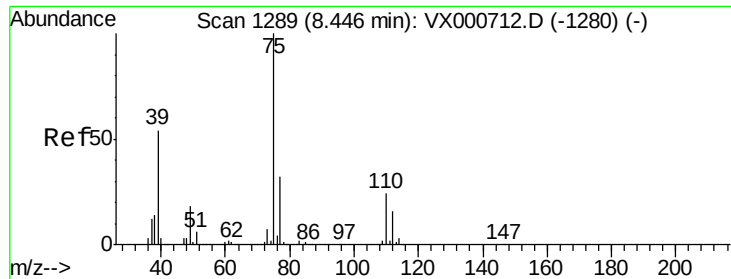
Tgt Ion: 43 Resp: 2611671
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.6 46.0



#52
 Toluene
 Concen: 142.82 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 92 Resp: 849832
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.4 204.6

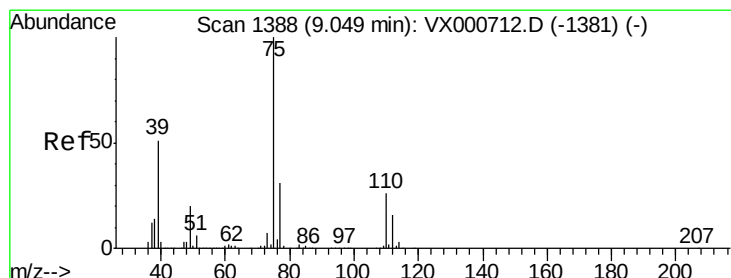
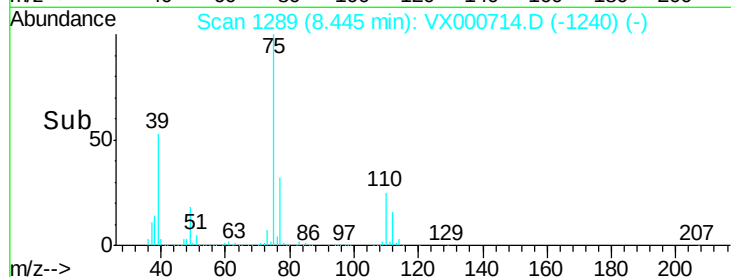
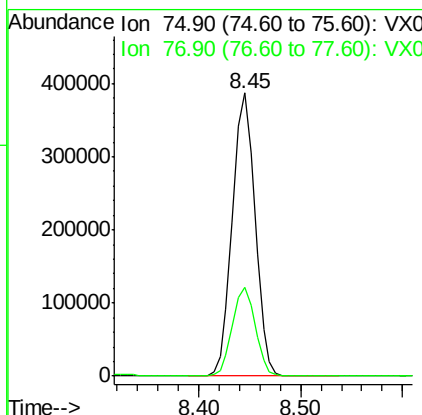
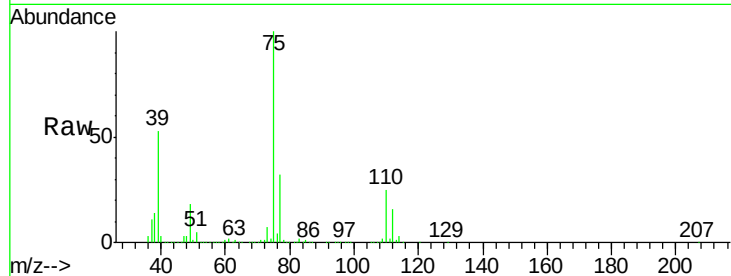




#53
t-1,3-Dichloropropene
Concen: 144.53 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

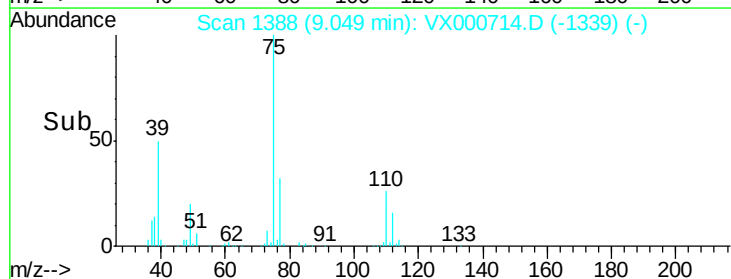
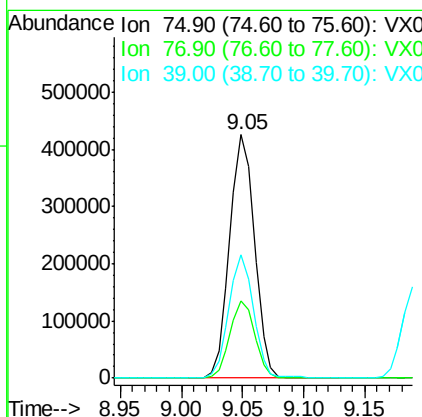
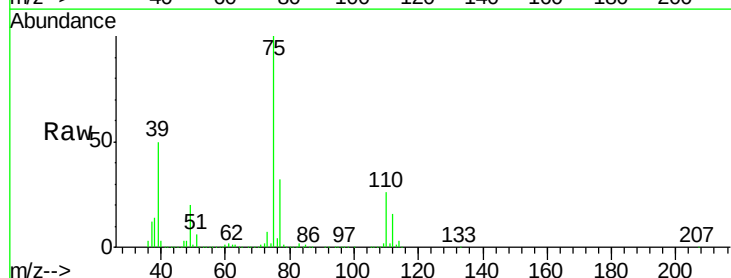
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

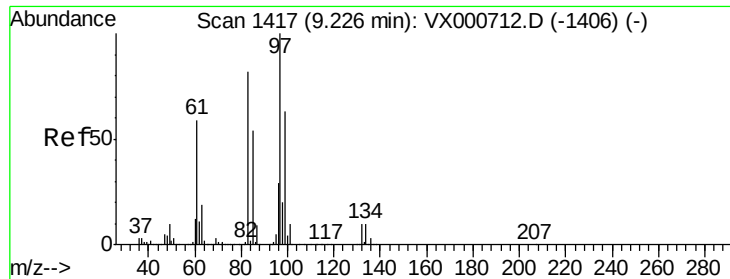
Tgt Ion: 75 Resp: 596340
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 144.32 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 75 Resp: 599363
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 50.4 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 146.38 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 360071

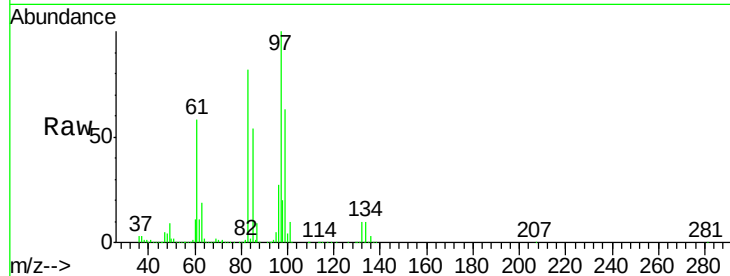
Ion Ratio Lower Upper

97 100

83 82.4 65.7 98.5

85 53.5 42.8 64.2

99 62.8 50.6 76.0

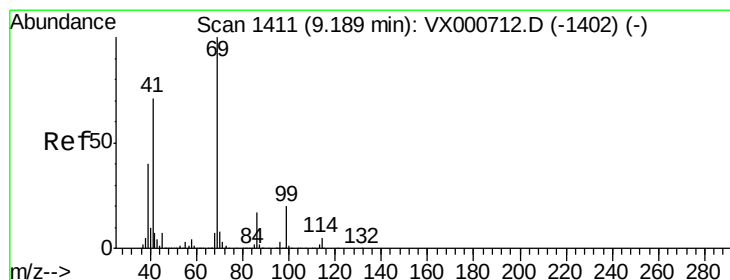
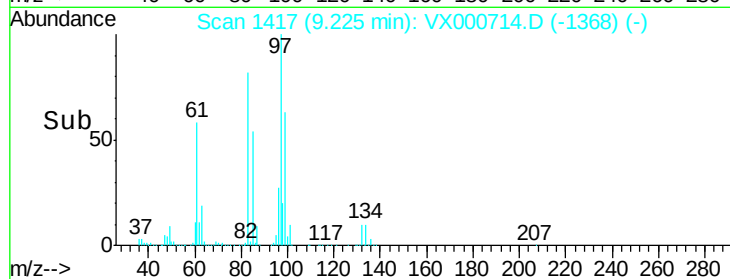
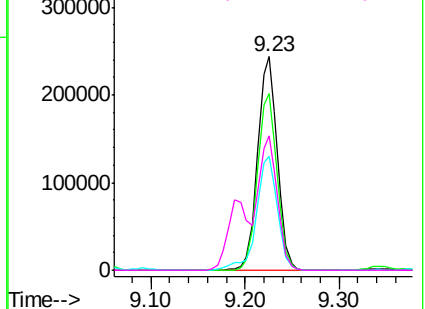


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 145.66 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

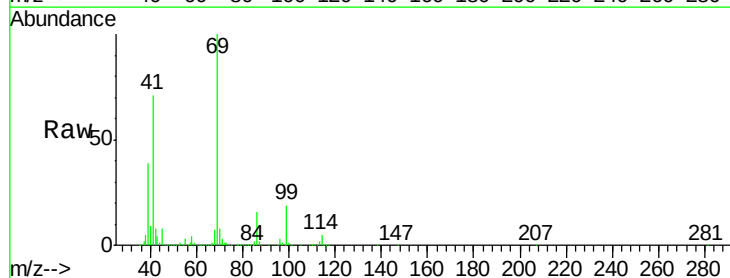
Tgt Ion: 69 Resp: 582439

Ion Ratio Lower Upper

69 100

41 70.2 56.4 84.6

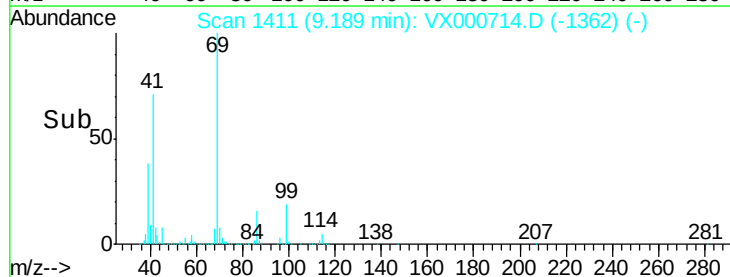
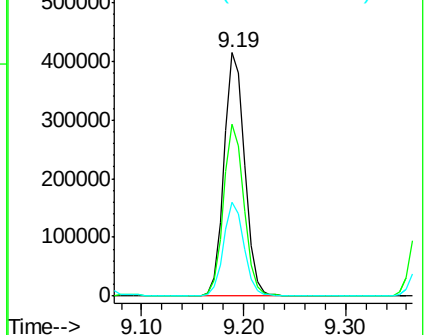
39 38.1 31.4 47.2

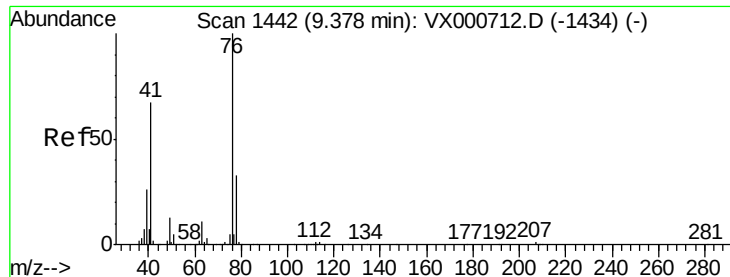


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

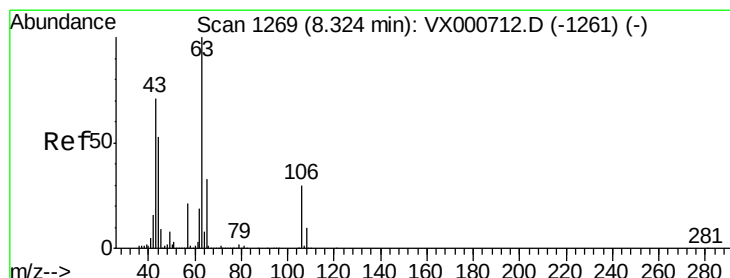
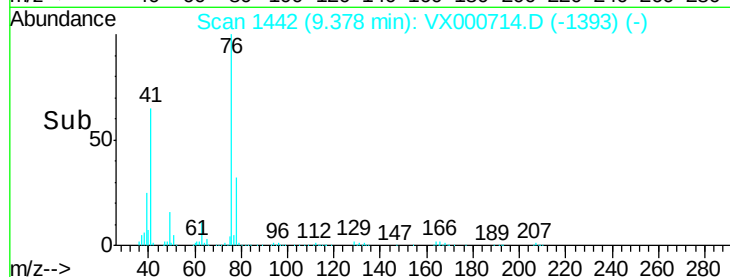
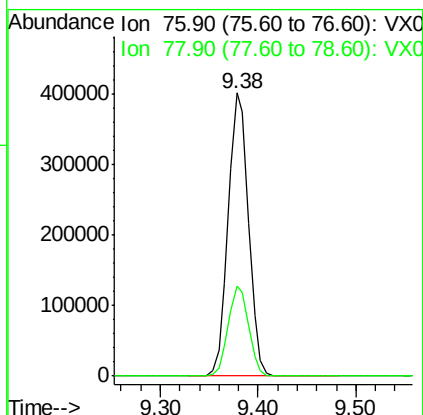
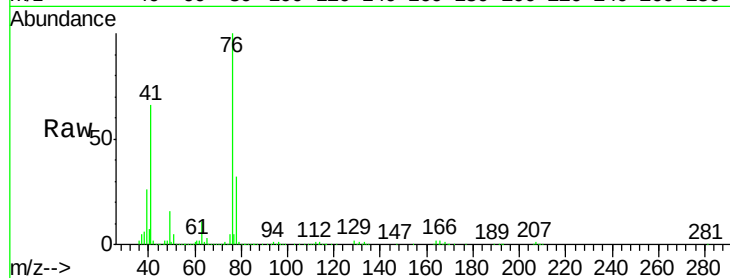




#57
 1,3-Dichloropropane
 Concen: 146.38 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

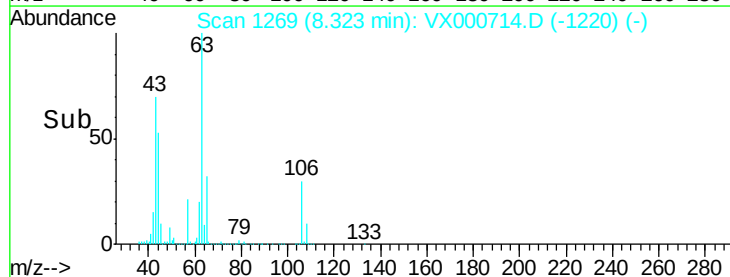
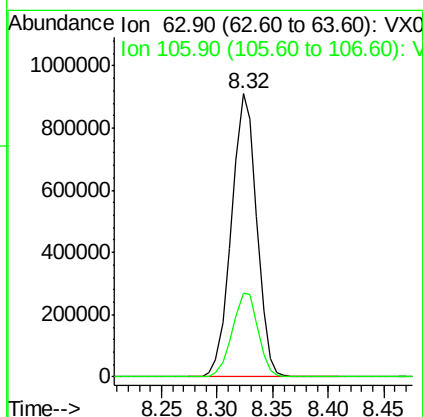
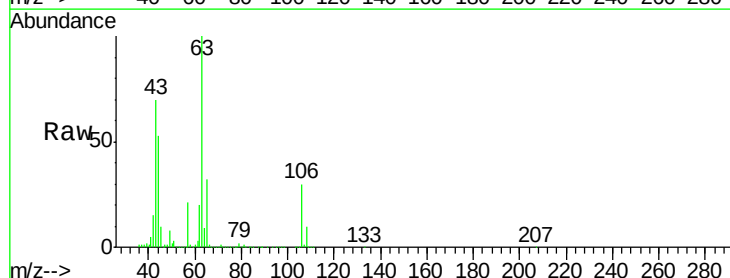
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

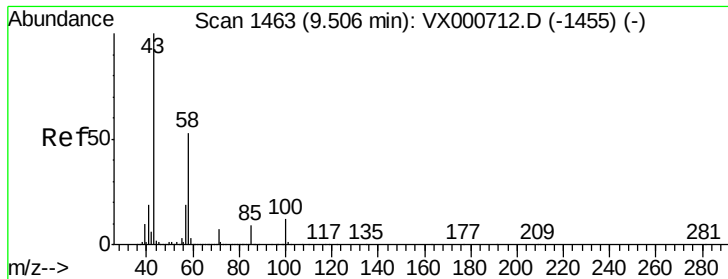
Tgt Ion: 76 Resp: 578759
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 841.12 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 63 Resp: 1424295
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0

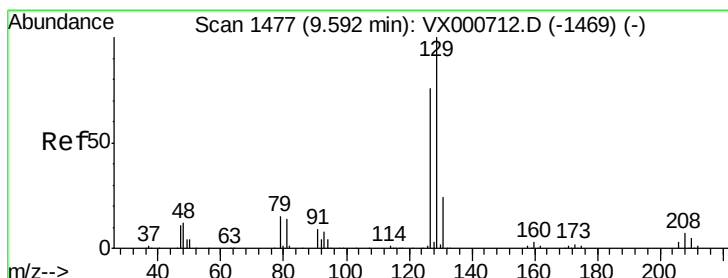
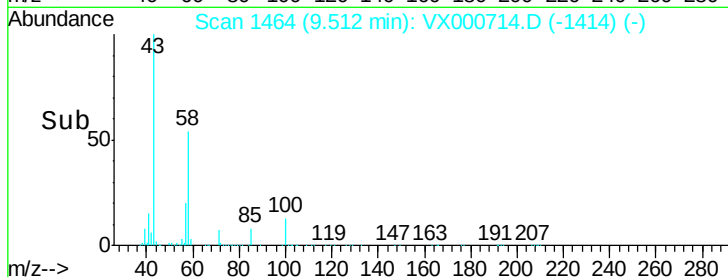
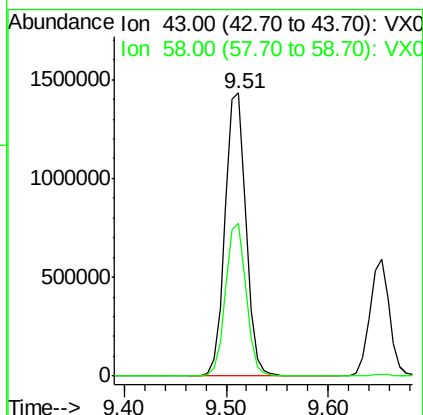
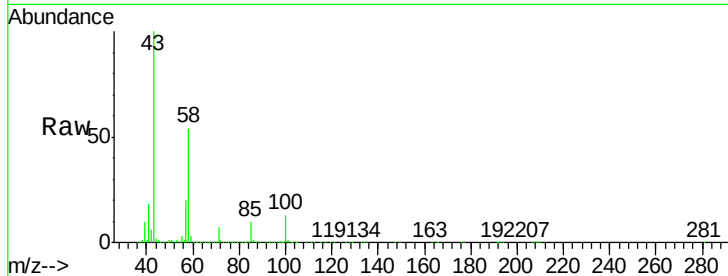




#59
2-Hexanone
Concen: 725.55 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

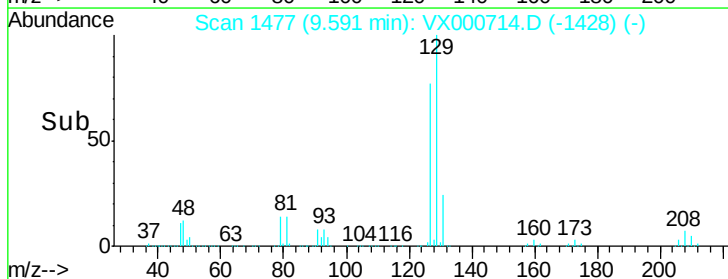
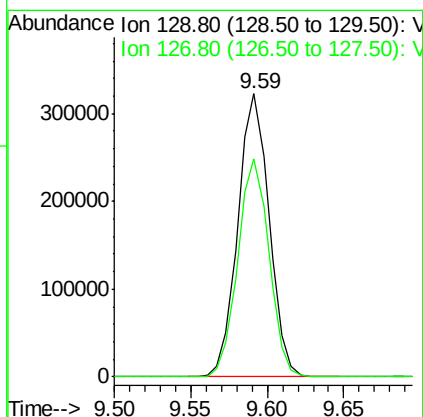
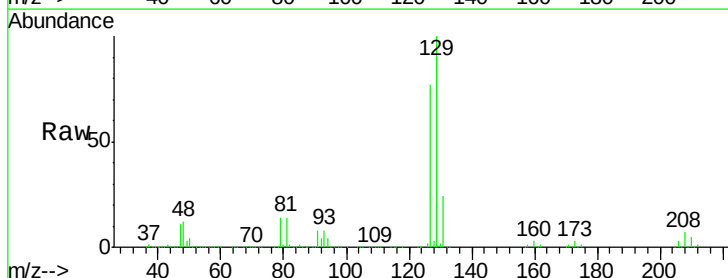
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

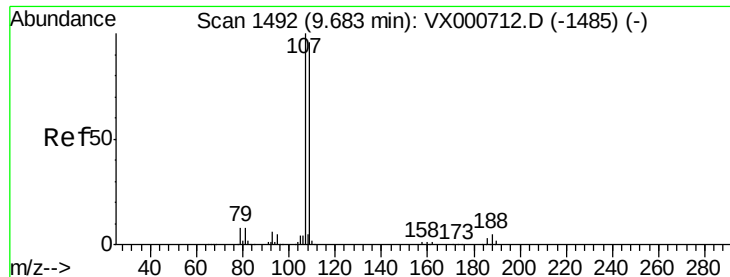
Tgt Ion: 43 Resp: 2021362
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 148.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 129 Resp: 458262
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 146.77 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

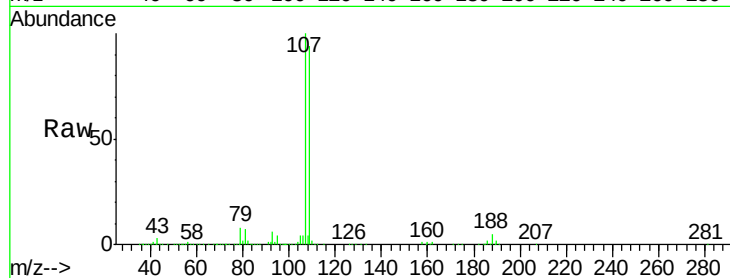
VSTDIC150

Tgt Ion: 107 Resp: 384063

Ion Ratio Lower Upper

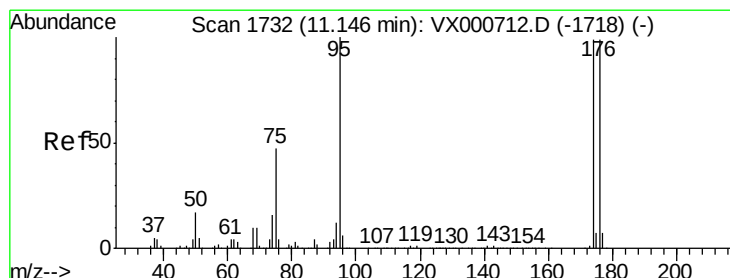
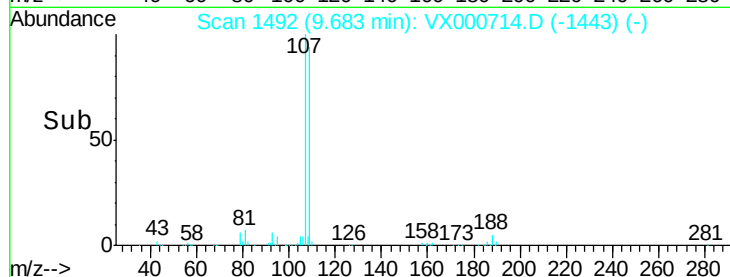
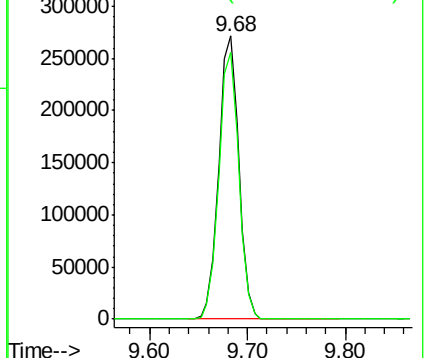
107 100

109 94.2 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: 149.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

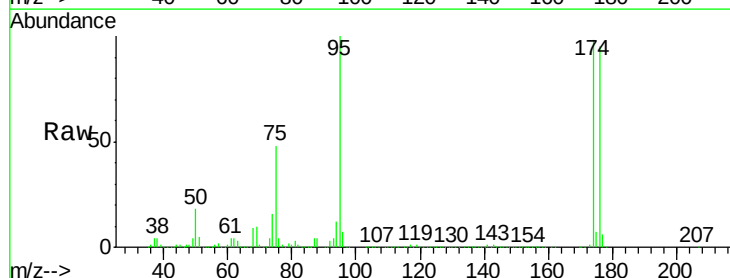
Tgt Ion: 95 Resp: 559251

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.6

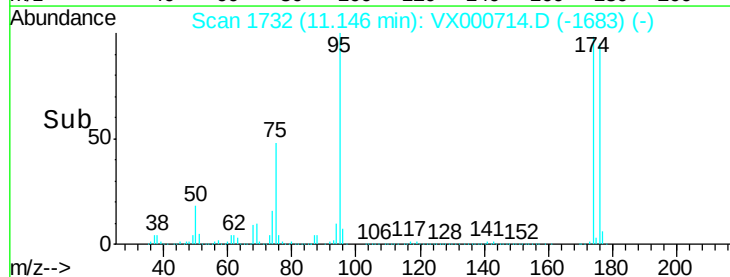
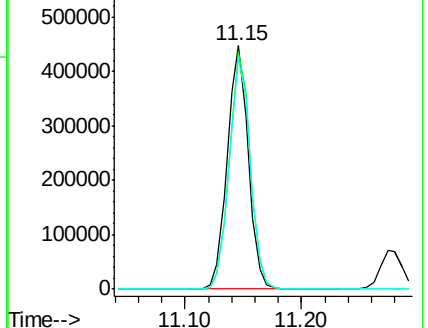
176 95.5 0.0 187.0

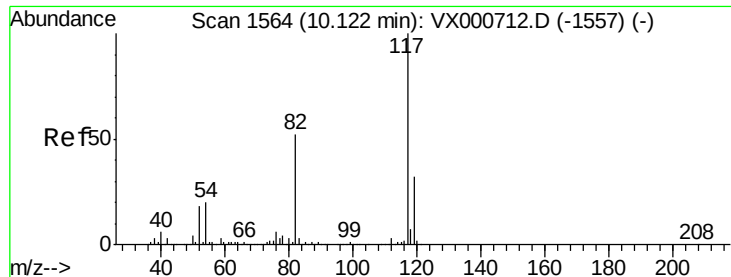


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

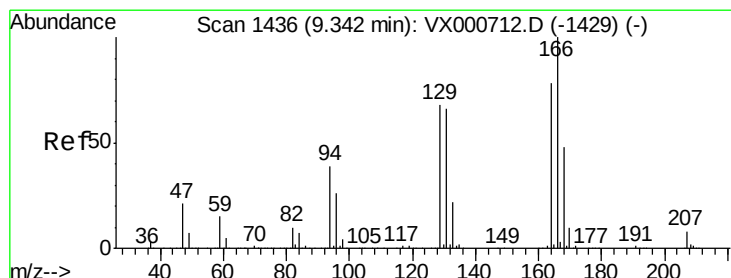
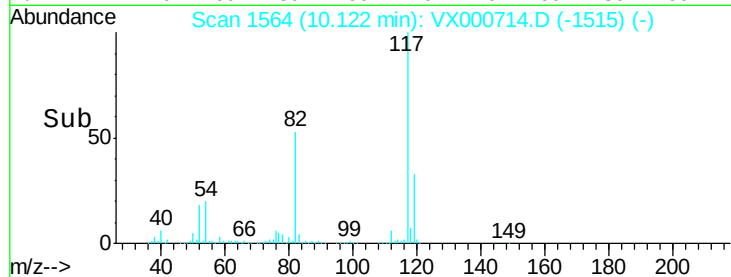
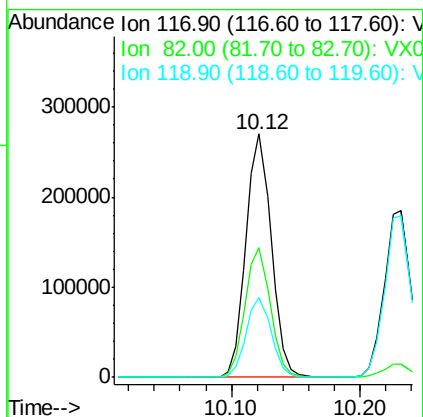
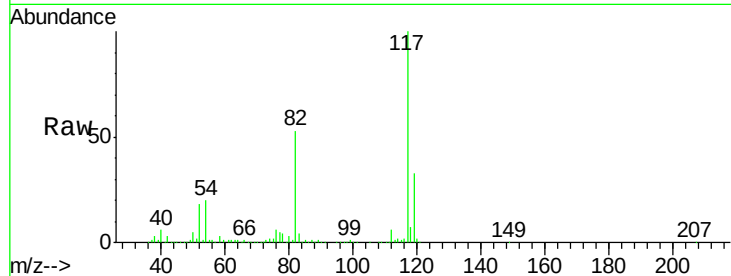




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

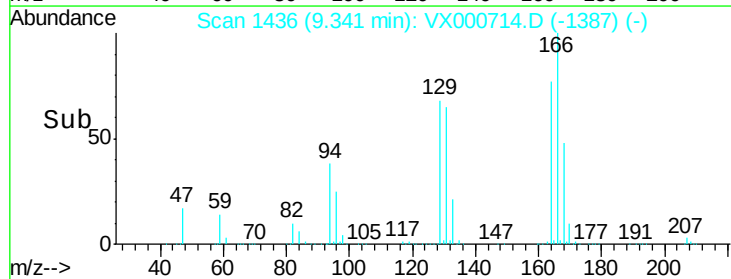
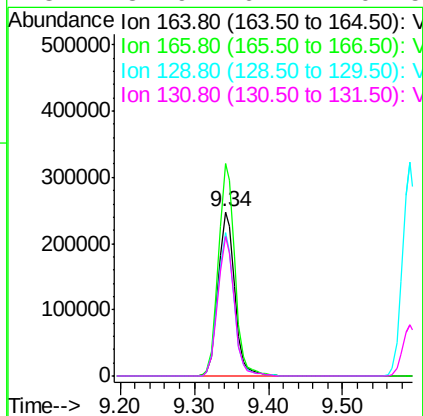
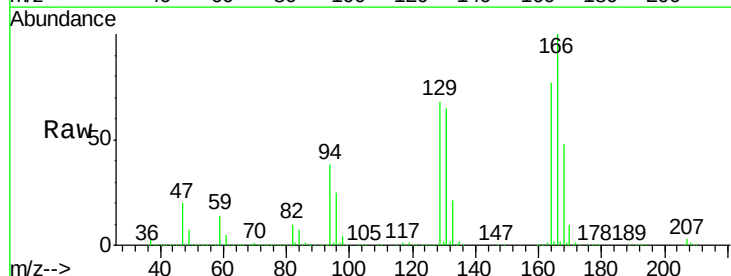
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

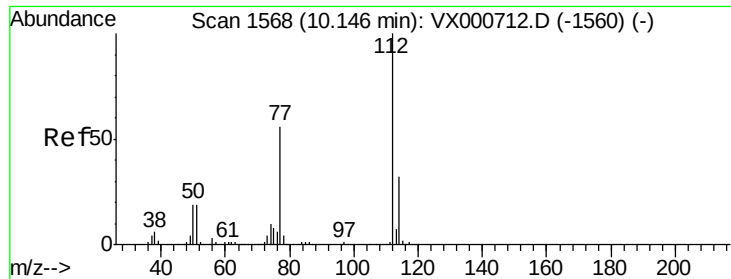
Tgt Ion:117 Resp: 366481
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 137.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion:164 Resp: 379060
Ion Ratio Lower Upper
164 100
166 130.0 102.4 153.6
129 87.8 69.3 103.9
131 84.9 67.7 101.5

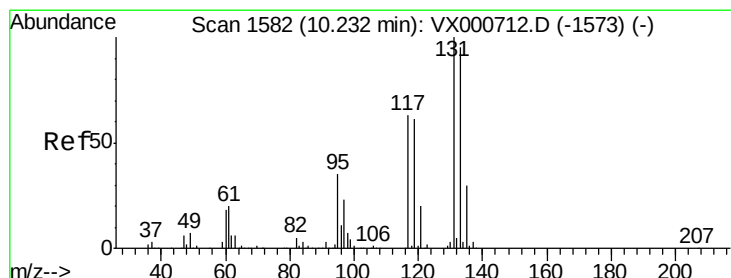
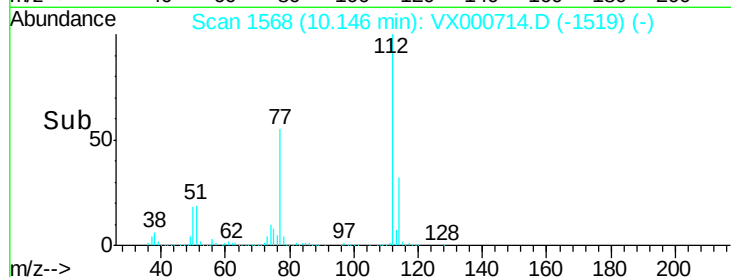
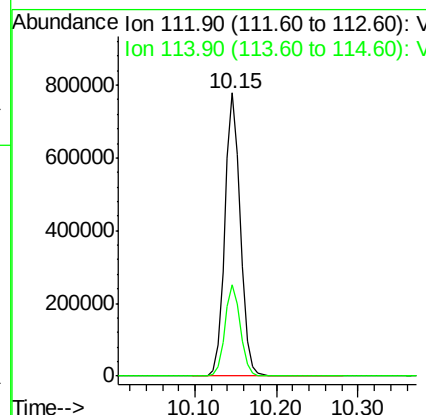
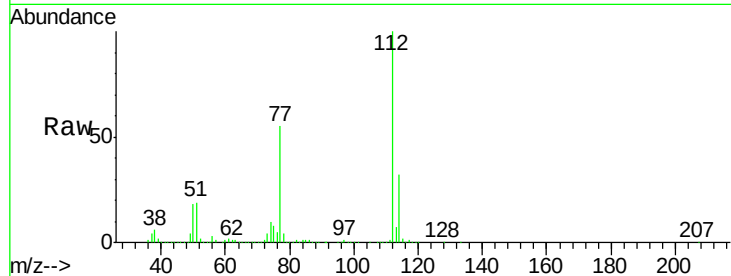




#65
Chlorobenzene
Concen: 142.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

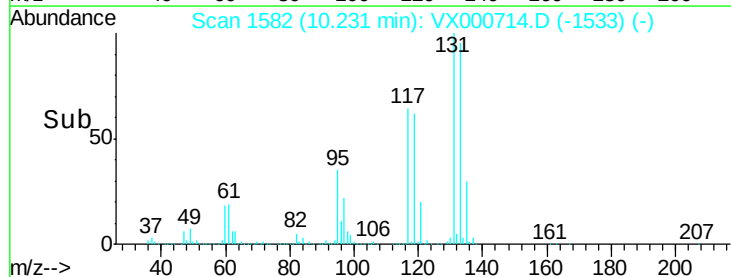
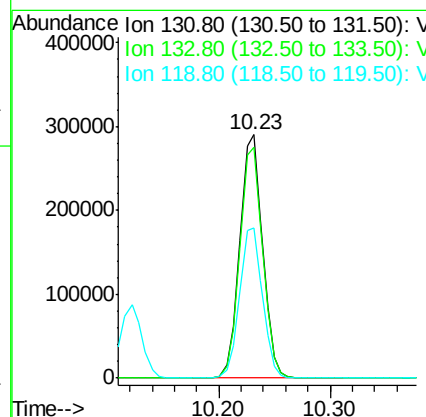
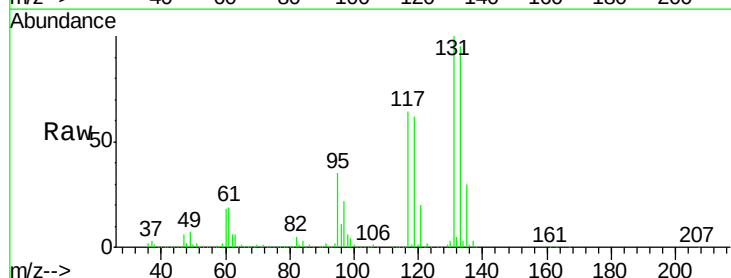
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

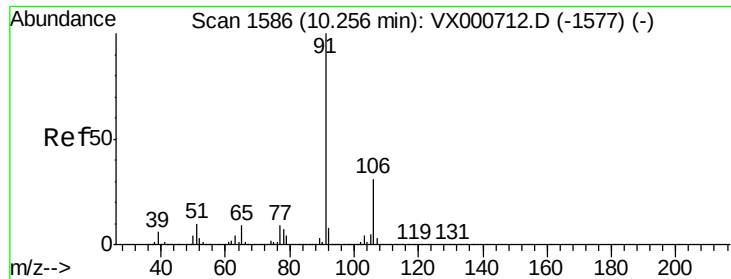
Tgt Ion:112 Resp: 1035037
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 143.74 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion:131 Resp: 409923
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 62.4 31.5 94.5

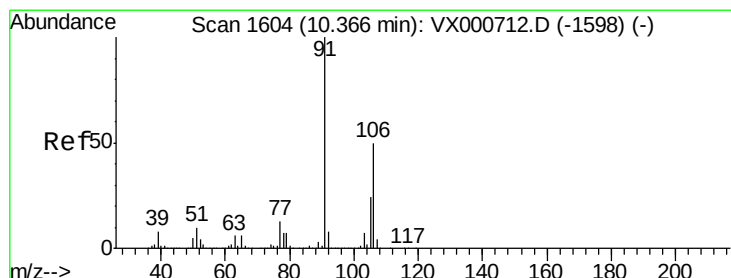
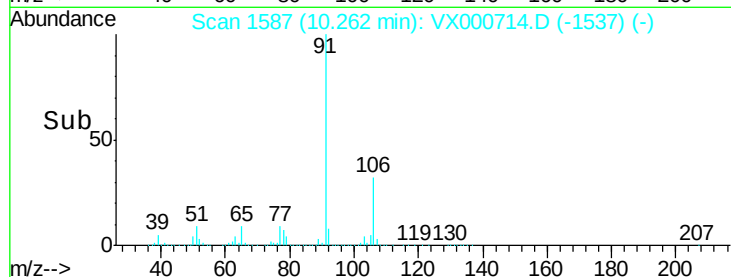
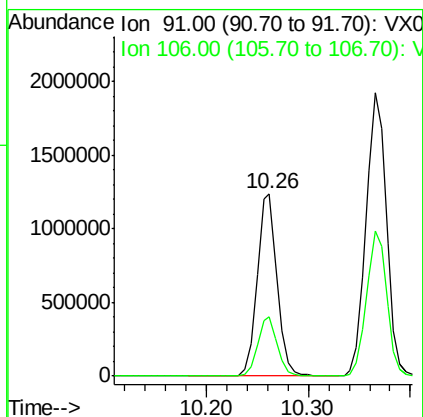
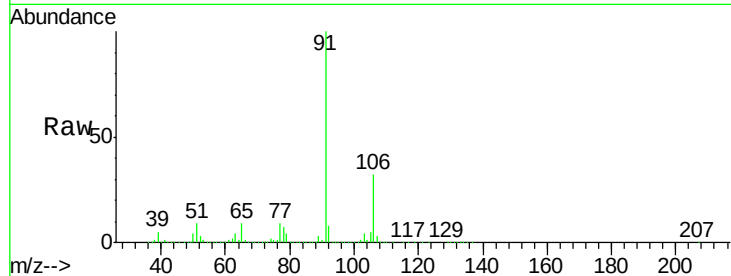




#67
Ethyl Benzene
Concen: 139.83 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

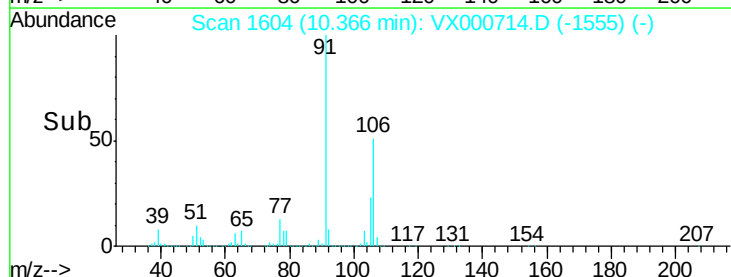
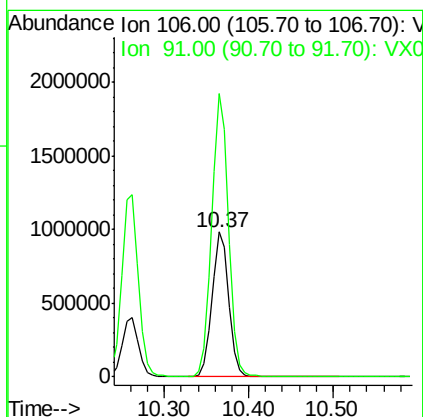
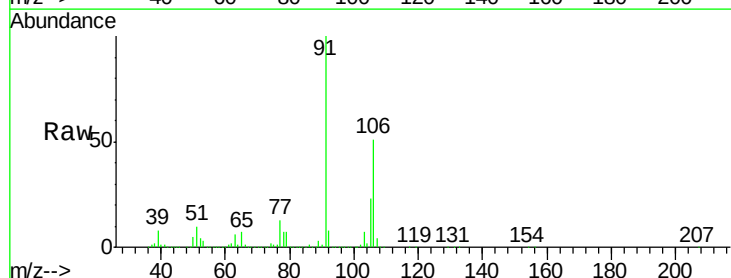
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

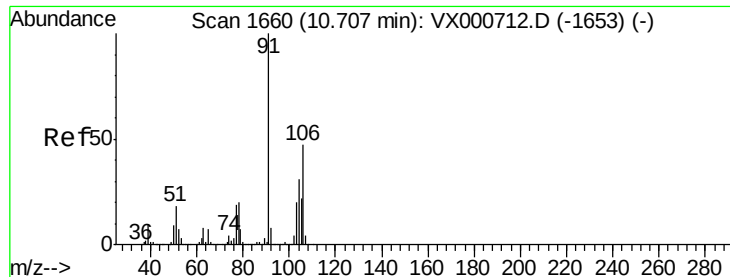
Tgt Ion: 91 Resp: 1701654
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 283.09 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 106 Resp: 1346638
Ion Ratio Lower Upper
106 100
91 197.3 159.7 239.5

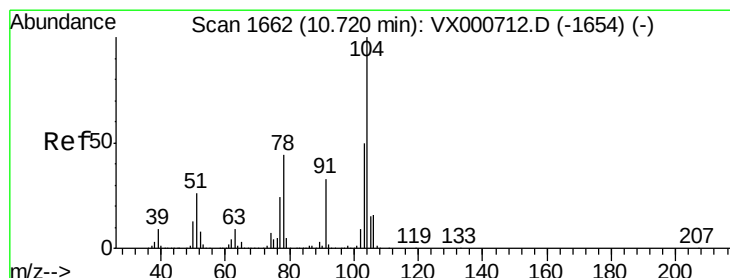
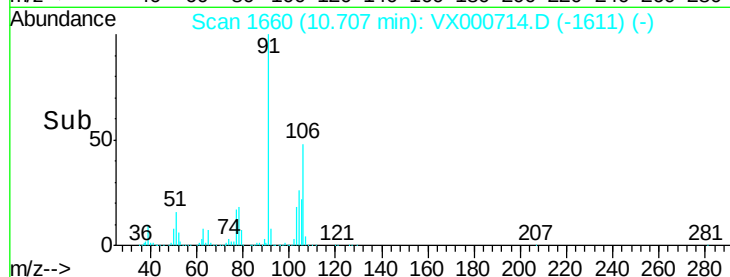
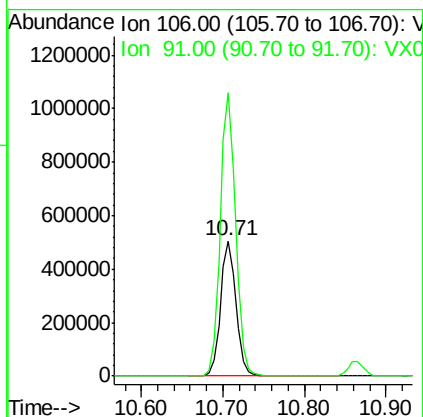
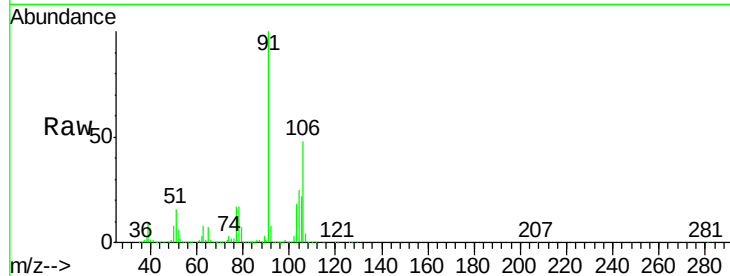




#69
o-Xylene
Concen: 142.62 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

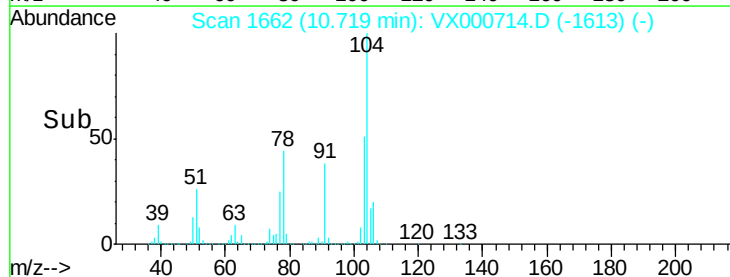
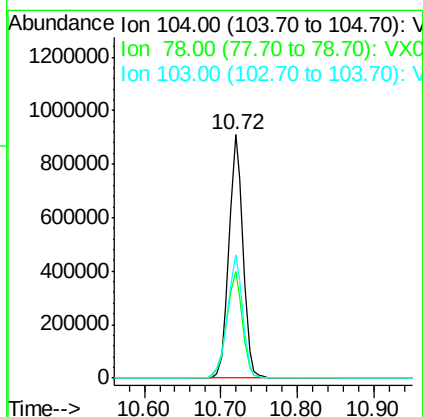
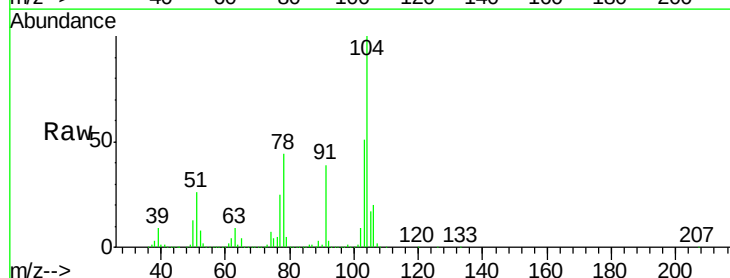
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

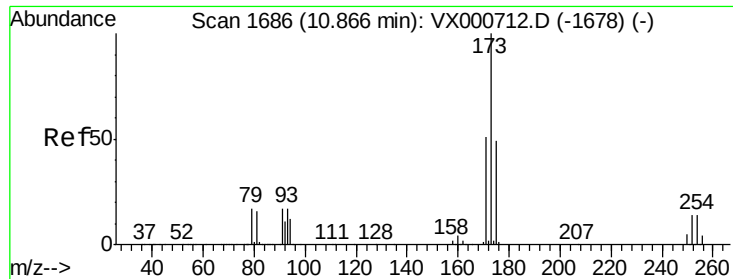
Tgt Ion:106 Resp: 666063
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.3



#70
Styrene
Concen: 144.79 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion:104 Resp: 1156018
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.8 44.1 66.1





#71

Bromoform

Concen: 151.01 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

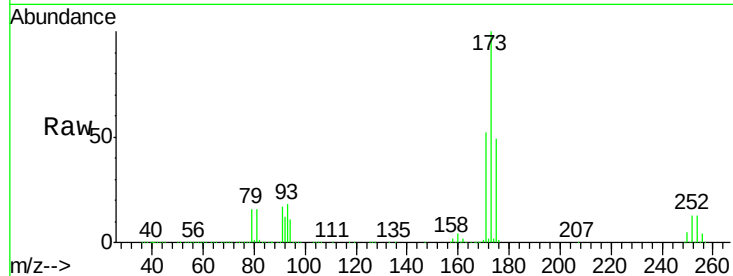
Tgt Ion:173 Resp: 422449

Ion Ratio Lower Upper

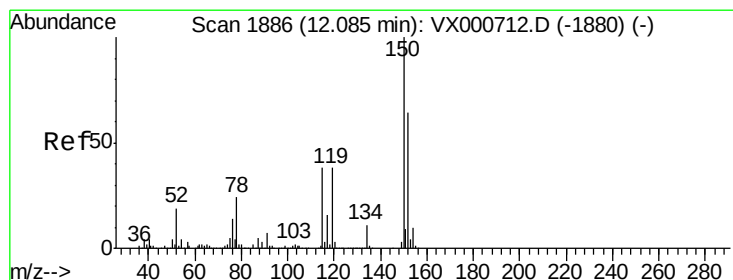
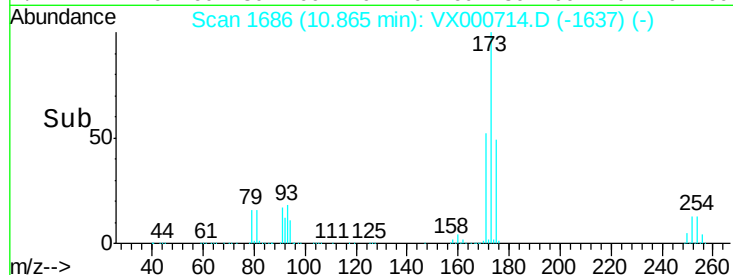
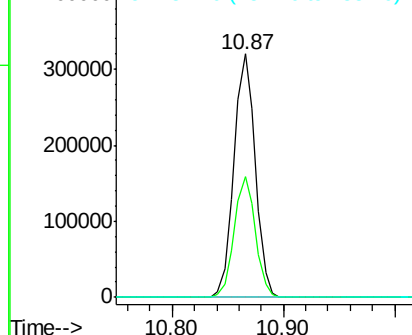
173 100

175 49.2 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

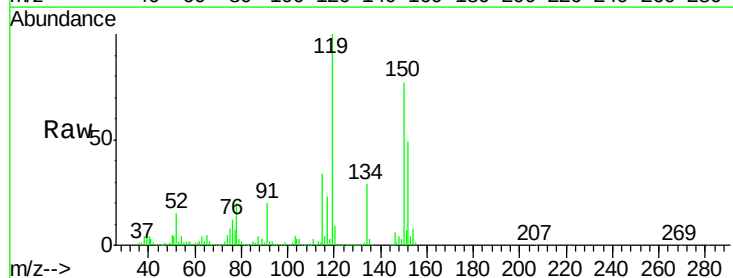
Tgt Ion:152 Resp: 223938

Ion Ratio Lower Upper

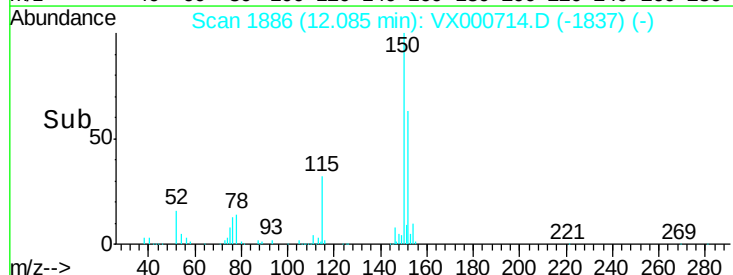
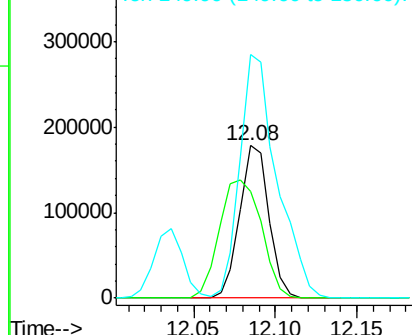
152 100

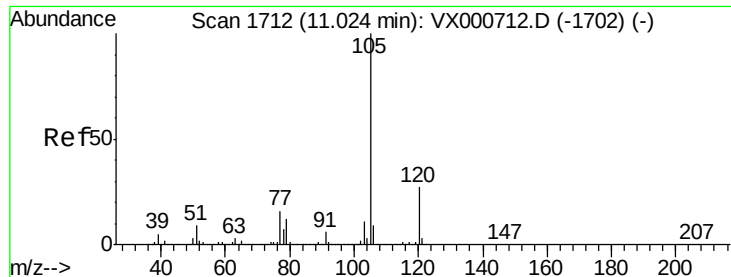
115 111.1 37.7 113.1

150 202.2 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: 136.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

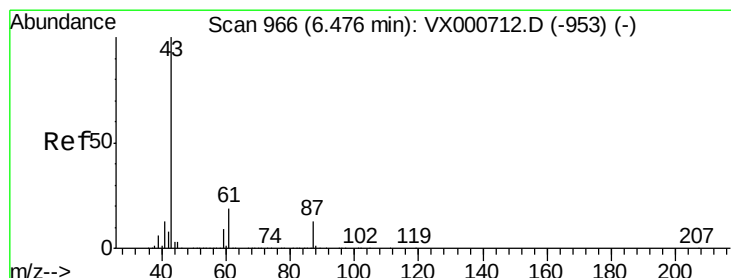
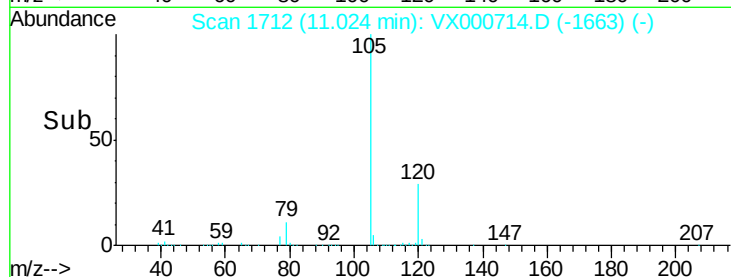
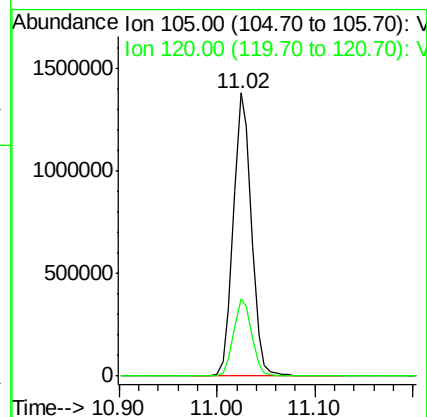
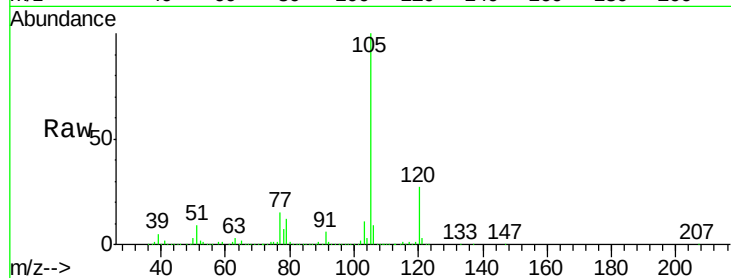
VSTDIC150

Tgt Ion:105 Resp: 1781784

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 134.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Tgt Ion: 43 Resp: 862583

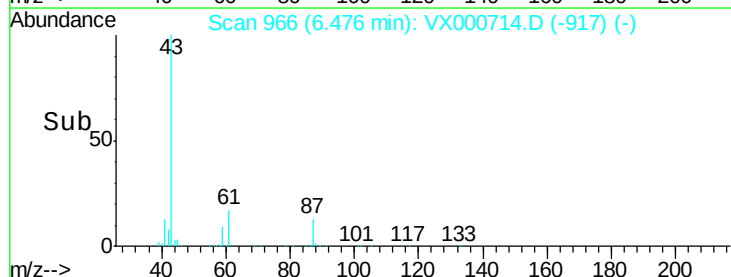
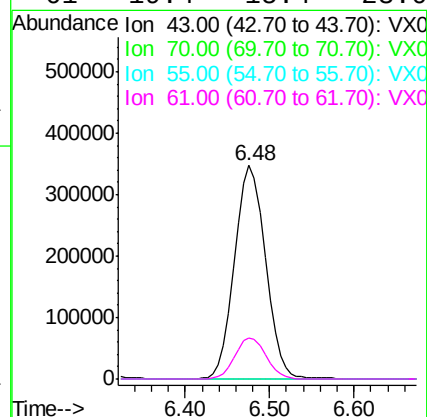
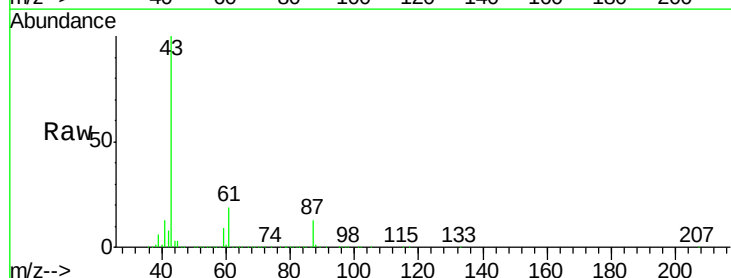
Ion Ratio Lower Upper

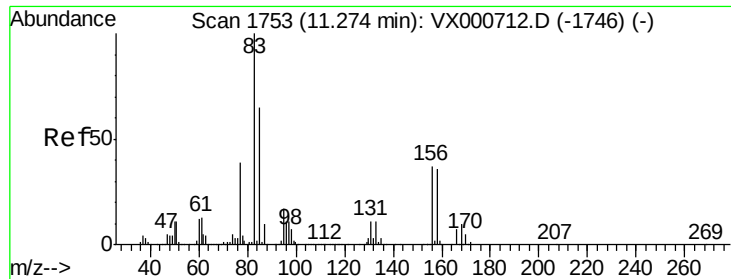
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.4 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 145.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

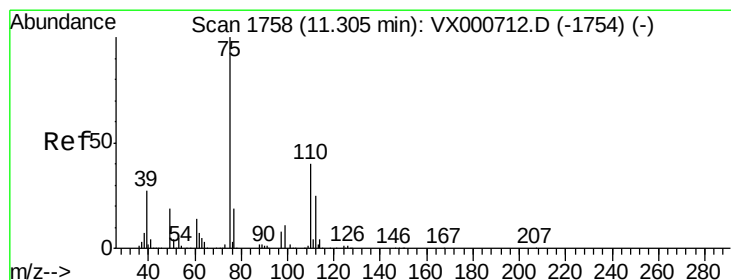
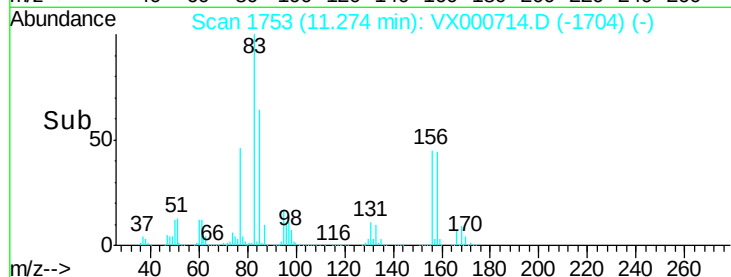
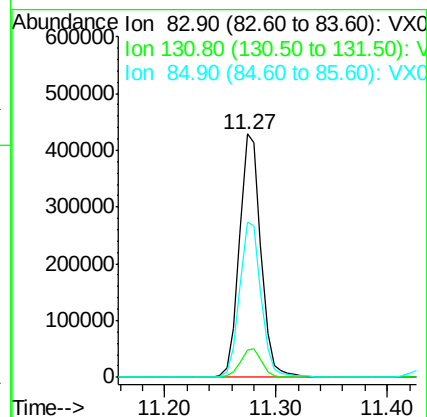
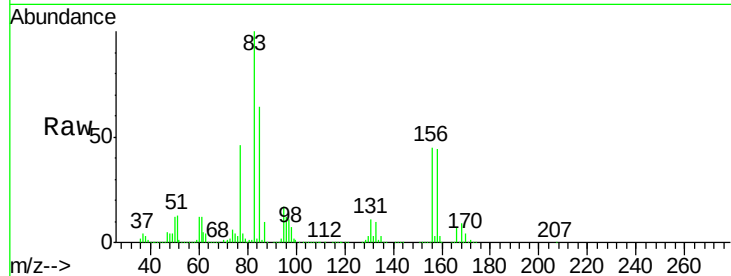
Tgt Ion: 83 Resp: 570112

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 188.71 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000714.D

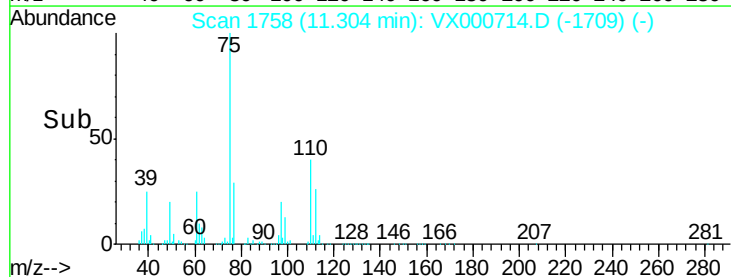
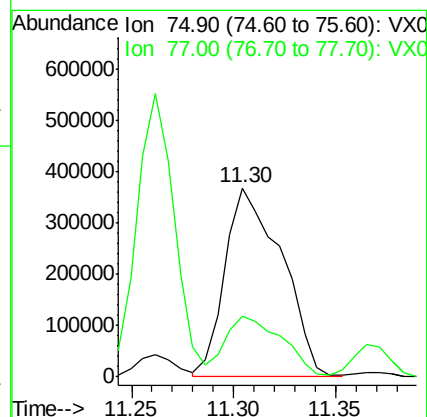
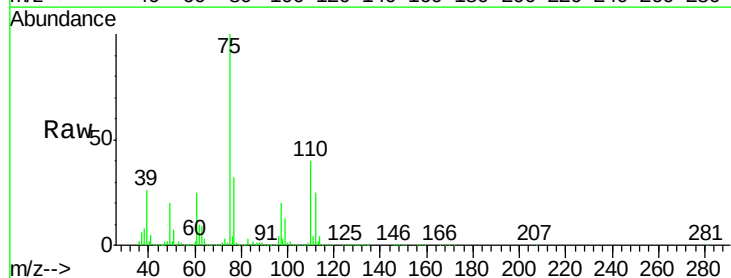
Acq: 07 Apr 2018 13:30

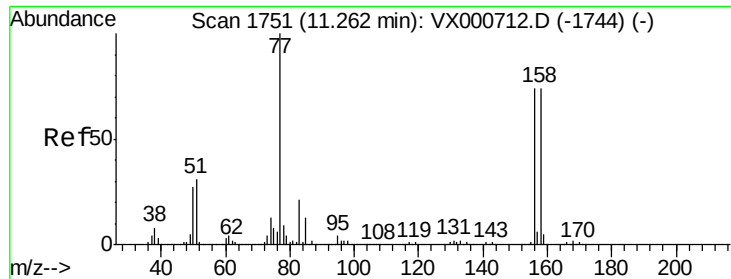
Tgt Ion: 75 Resp: 713335

Ion Ratio Lower Upper

75 100

77 32.2 21.3 63.7





#77

Bromobenzene

Concen: 141.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

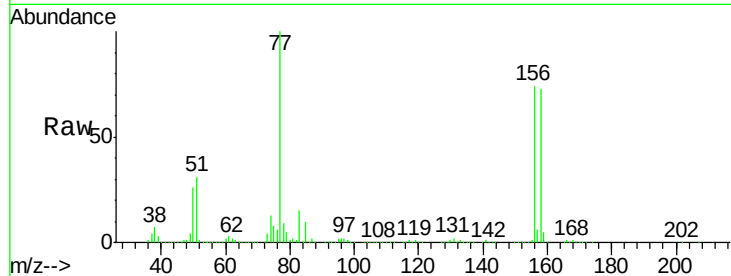
Tgt Ion:156 Resp: 529352

Ion Ratio Lower Upper

156 100

77 134.2 68.3 205.1

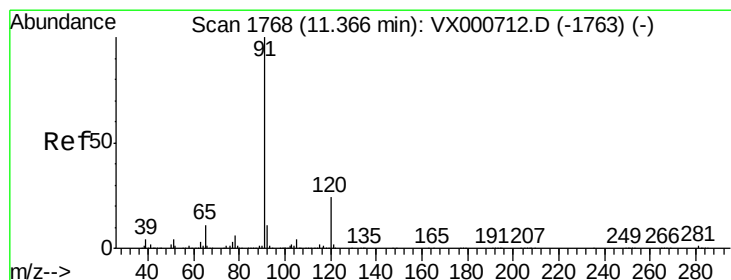
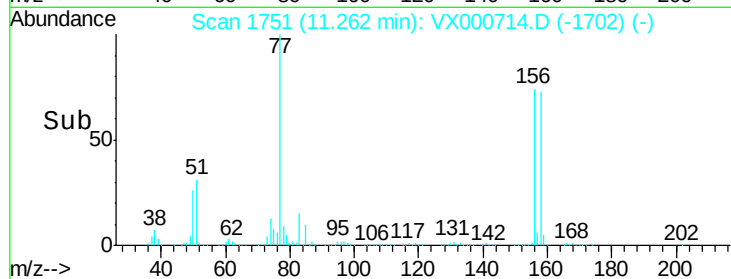
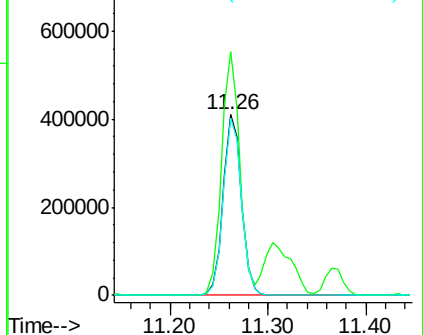
158 98.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000714.D

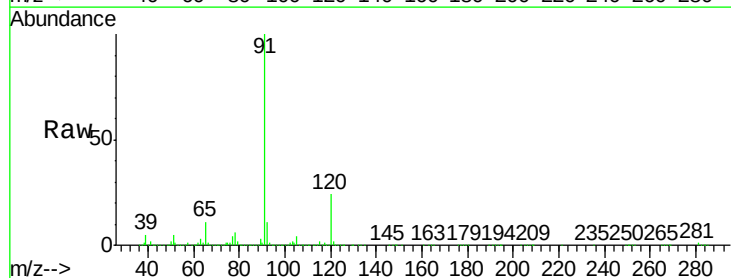
Acq: 07 Apr 2018 13:30

Tgt Ion: 91 Resp: 2042470

Ion Ratio Lower Upper

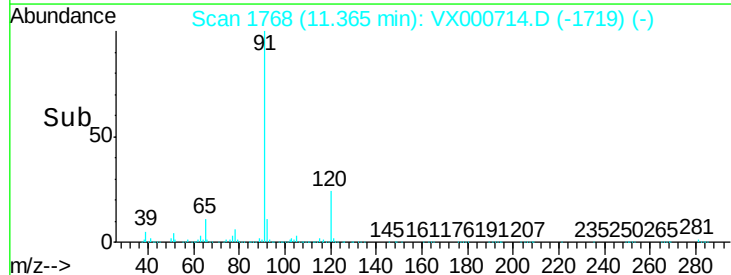
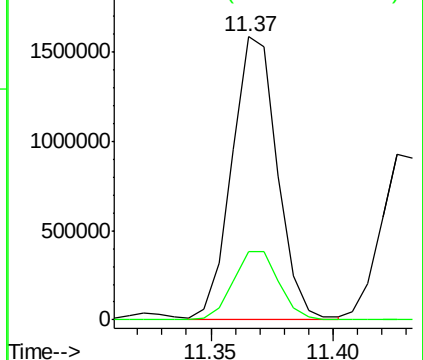
91 100

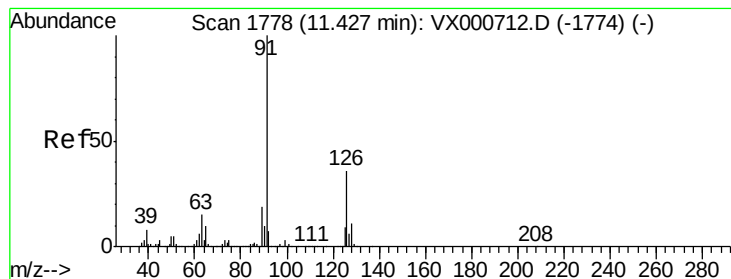
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 140.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

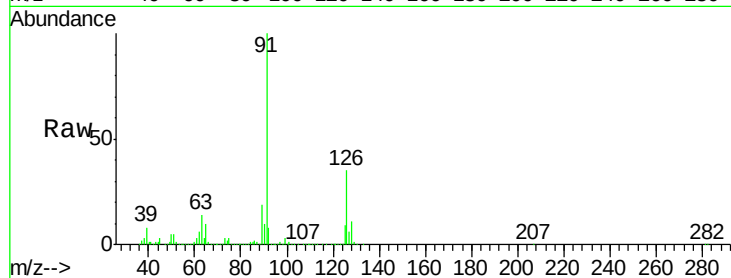
VSTDIC150

Tgt Ion: 91 Resp: 1235179

Ion Ratio Lower Upper

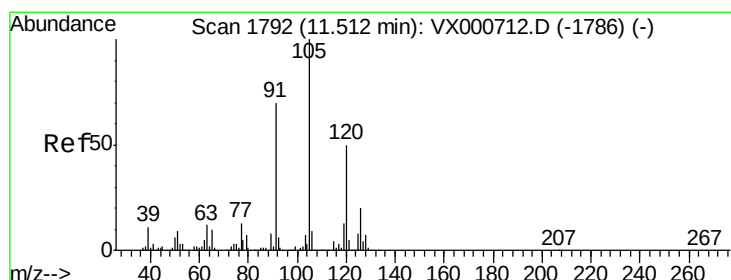
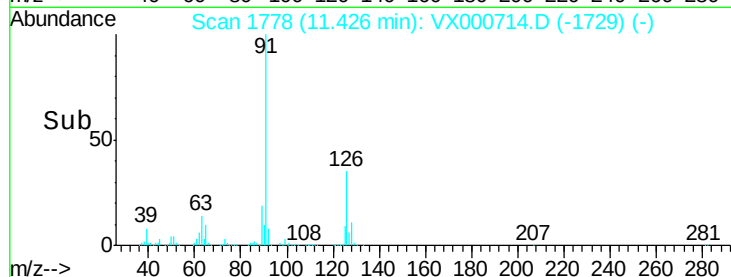
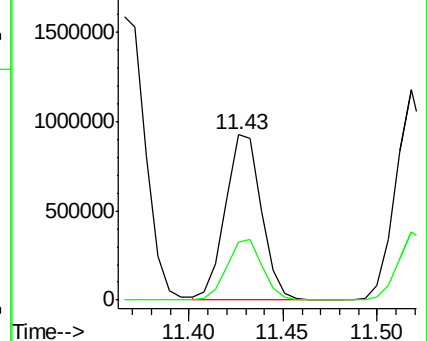
91 100

126 36.1 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: 137.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000714.D

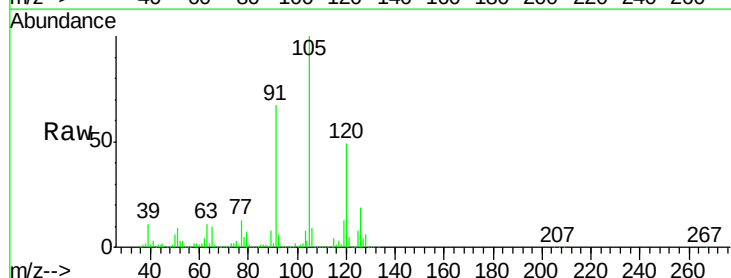
Acq: 07 Apr 2018 13:30

Tgt Ion: 105 Resp: 1543116

Ion Ratio Lower Upper

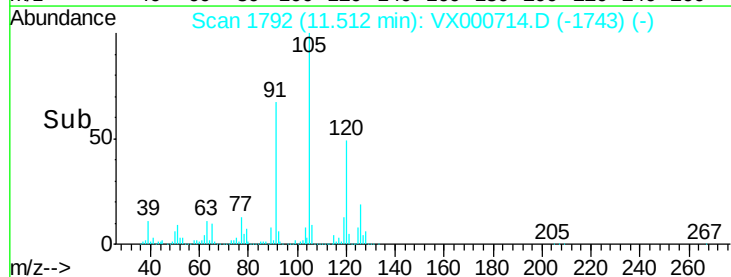
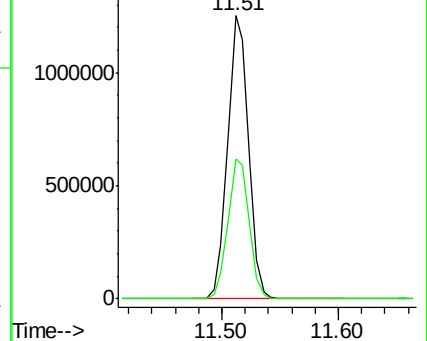
105 100

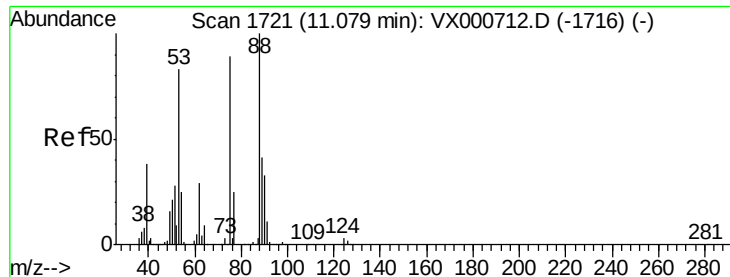
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

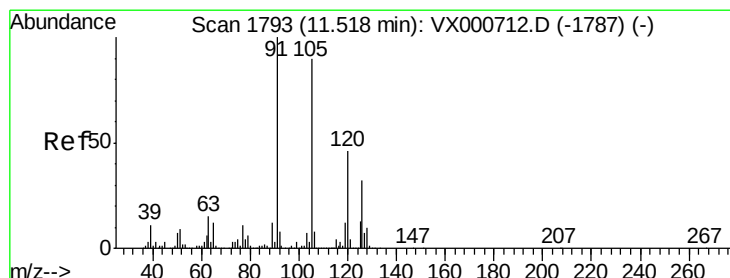
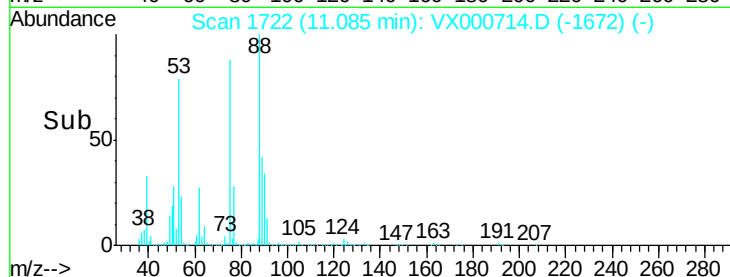
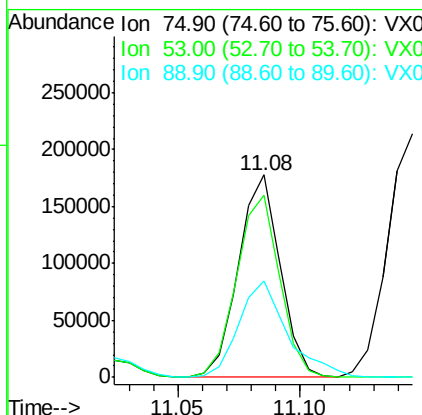
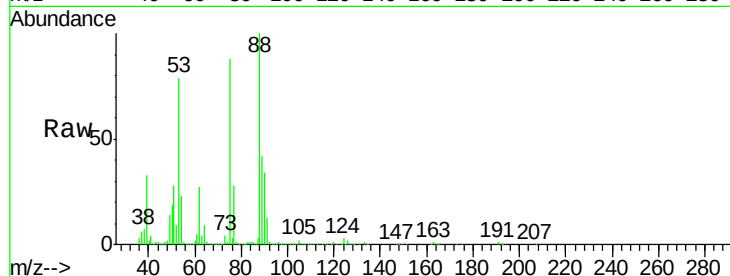




#81
trans-1,4-Dichloro-2-butene
Concen: 144.41 ug/l
RT: 11.08 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

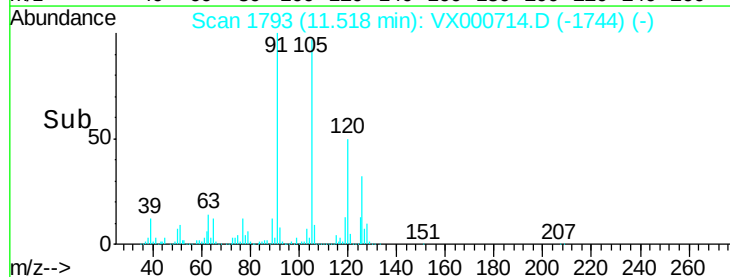
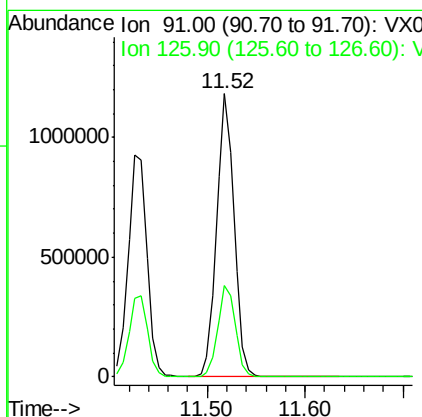
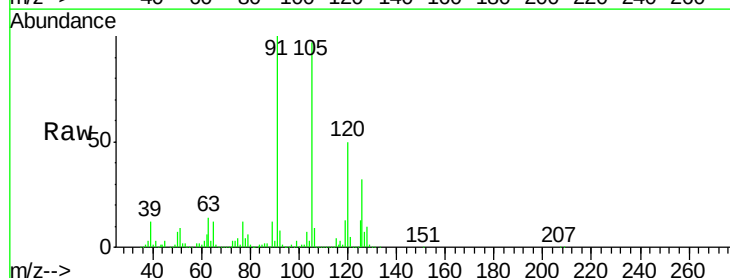
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

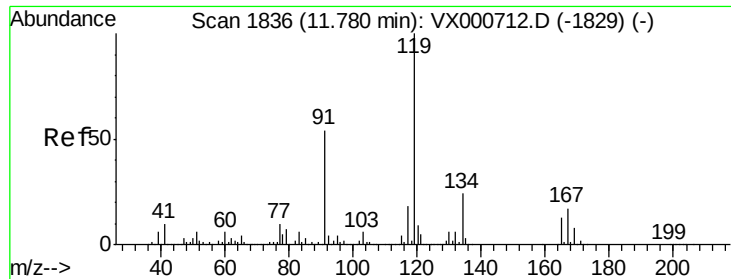
Tgt Ion: 75 Resp: 209644
Ion Ratio Lower Upper
75 100
53 92.9 74.2 111.2
89 55.8 46.6 69.8



#82
4-Chlorotoluene
Concen: 137.60 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000714.D
Acq: 07 Apr 2018 13:30

Tgt Ion: 91 Resp: 1465445
Ion Ratio Lower Upper
91 100
126 32.3 16.0 48.0

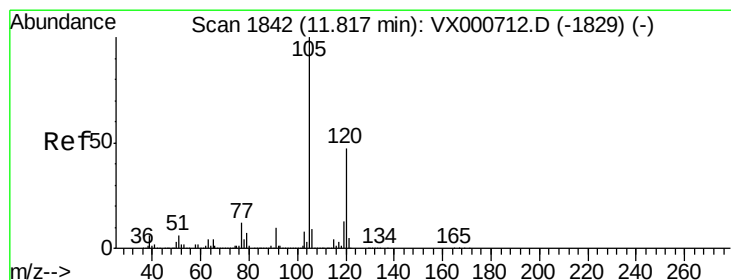
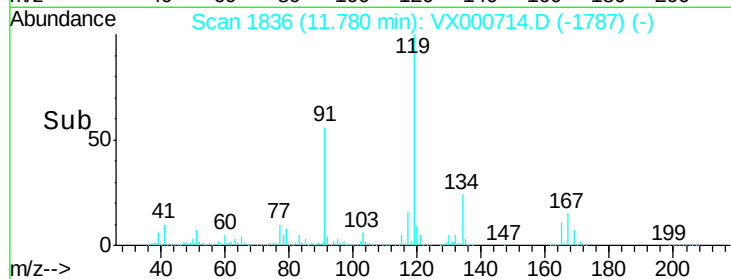
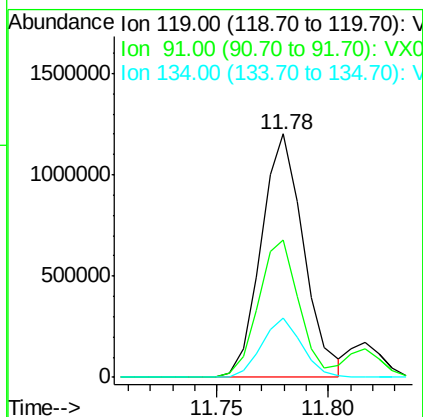
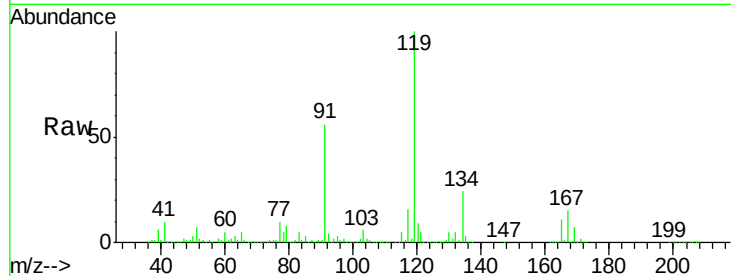




#83
 tert-Butylbenzene
 Concen: 137.64 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

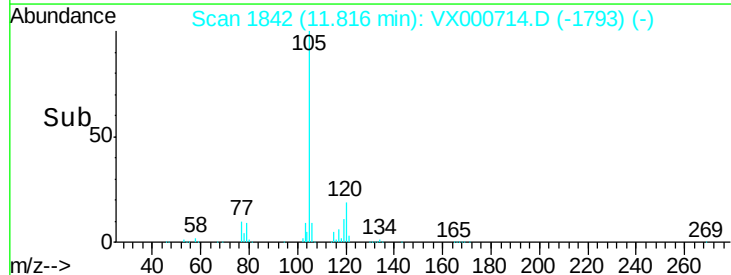
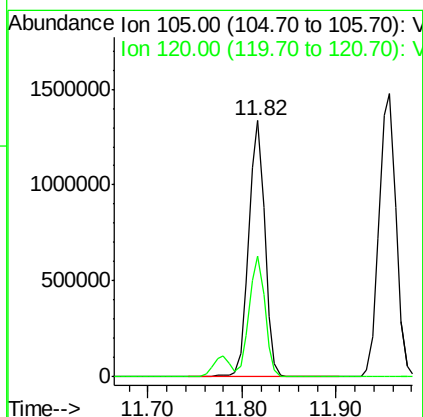
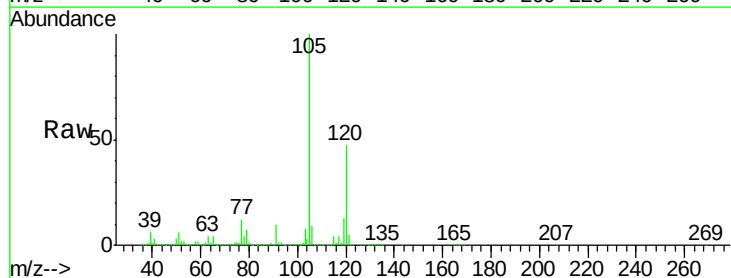
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

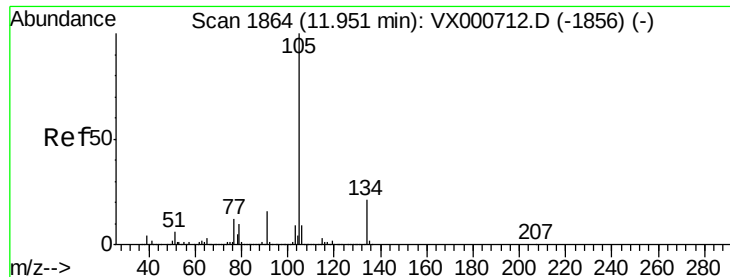
Tgt Ion:119 Resp: 1595533
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.3 81.8
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 137.40 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion:105 Resp: 1599378
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 136.18 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

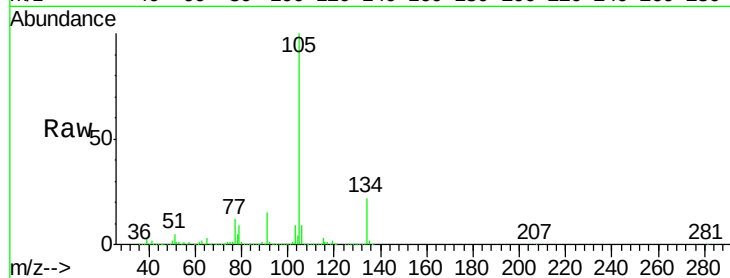
VSTDIC150

Tgt Ion:105 Resp: 1850128

Ion Ratio Lower Upper

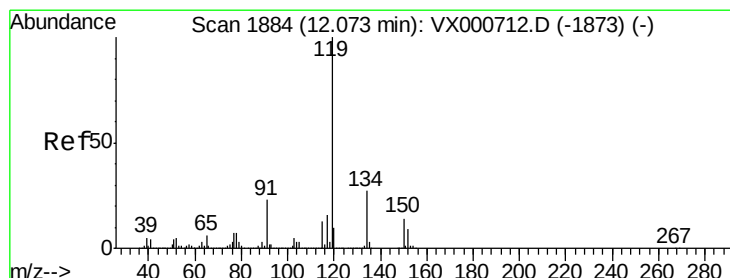
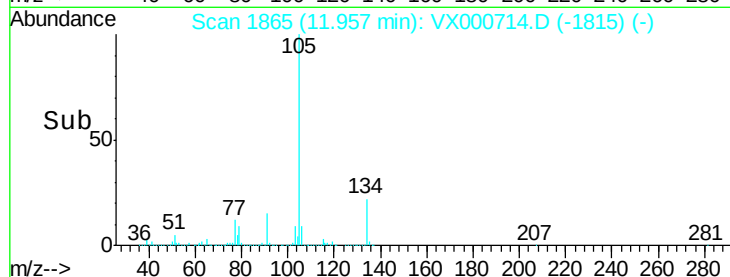
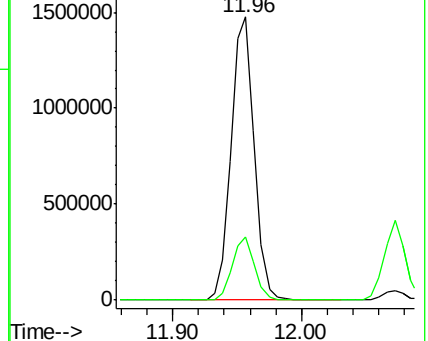
105 100

134 21.6 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 137.06 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

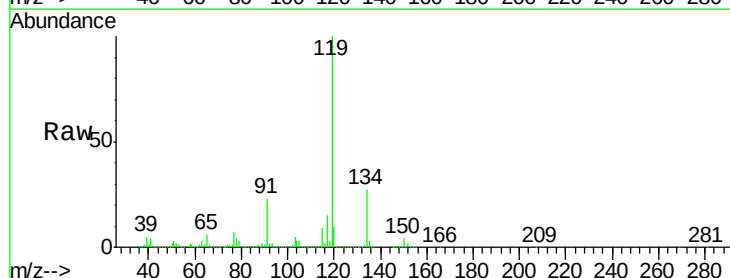
Tgt Ion:119 Resp: 1735392

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

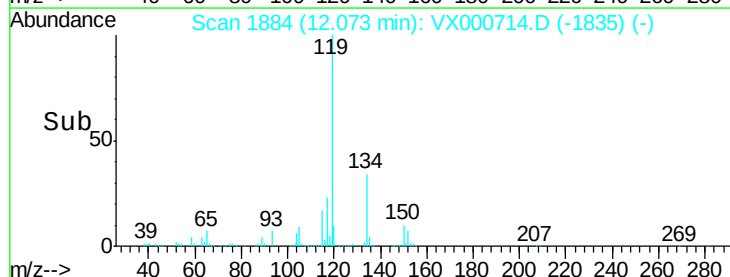
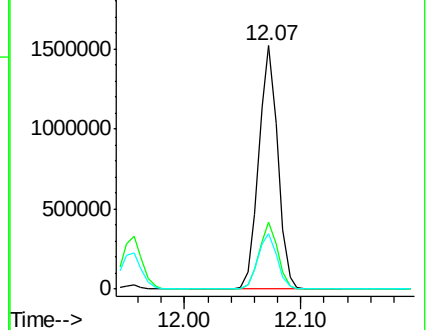
91 22.8 11.5 34.4

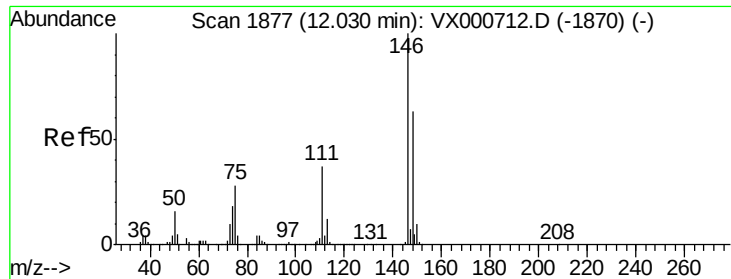


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

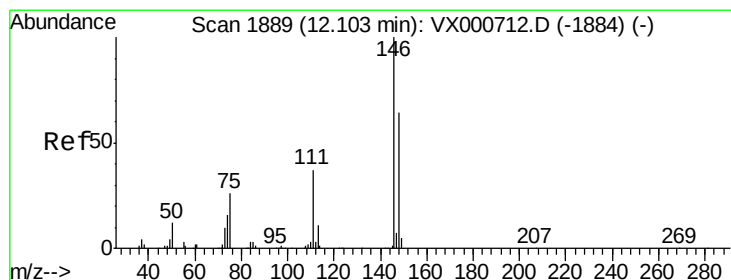
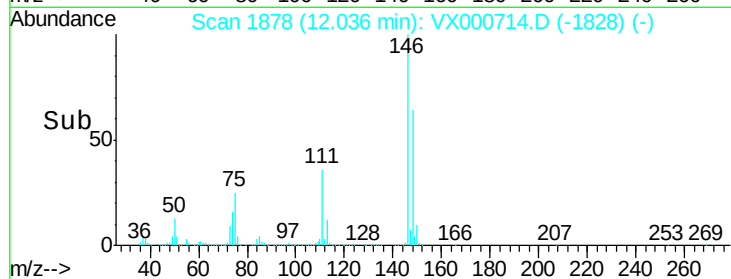
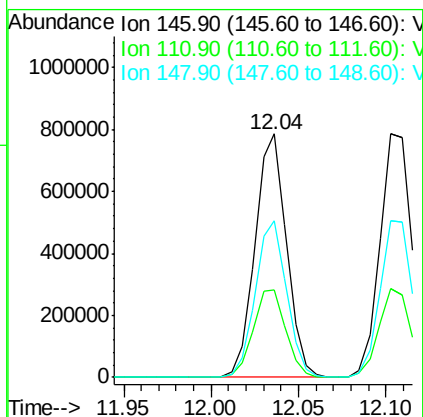
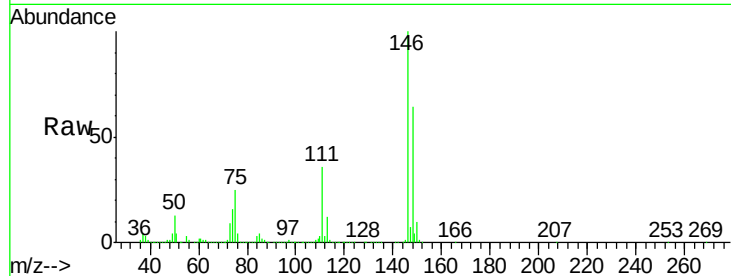




#87
 1,3-Dichlorobenzene
 Concen: 141.05 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

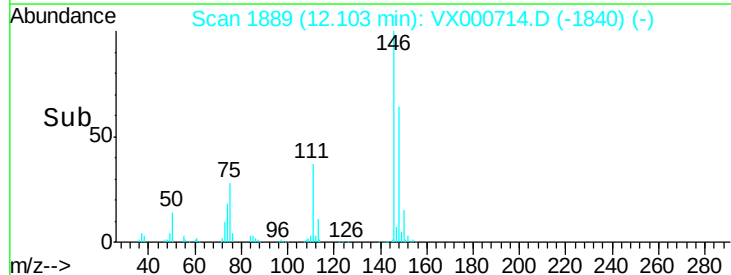
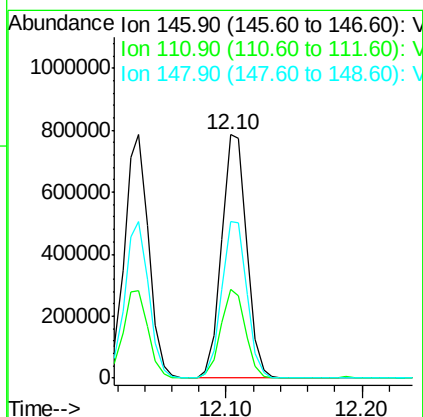
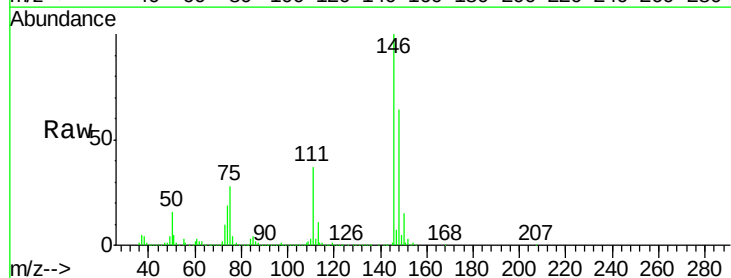
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

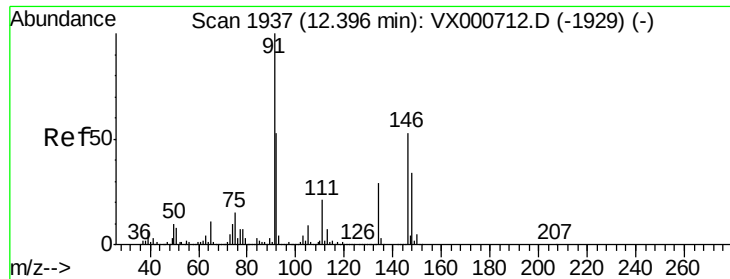
Tgt Ion:146 Resp: 980148
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 141.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion:146 Resp: 1001042
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.2 54.6
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 137.25 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

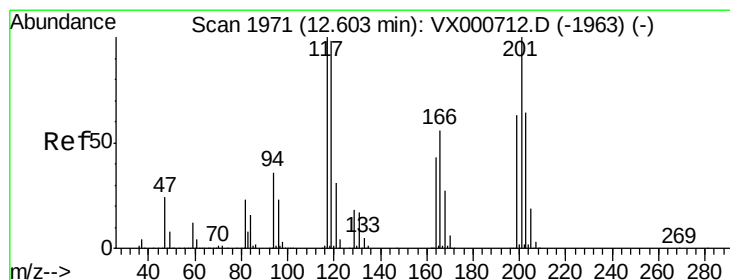
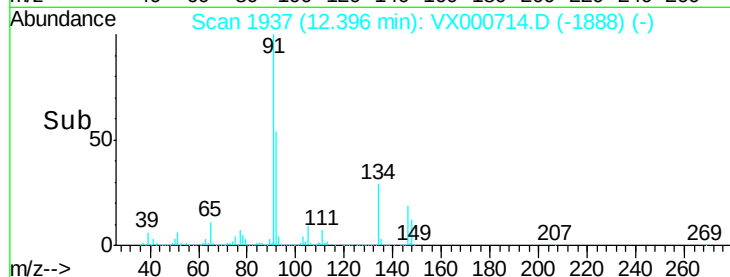
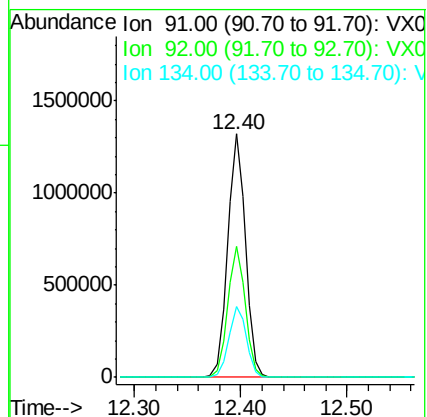
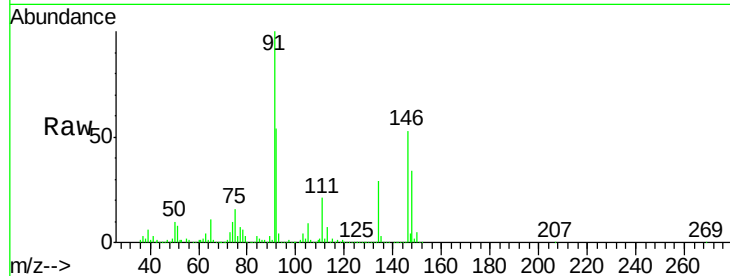
Tgt Ion: 91 Resp: 1539507

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.0

134 29.2 14.4 43.0



#90

Hexachloroethane

Concen: 140.32 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000714.D

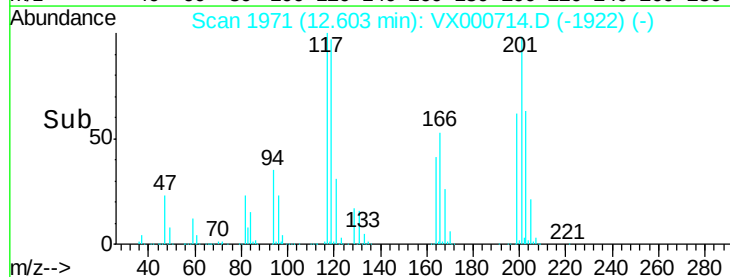
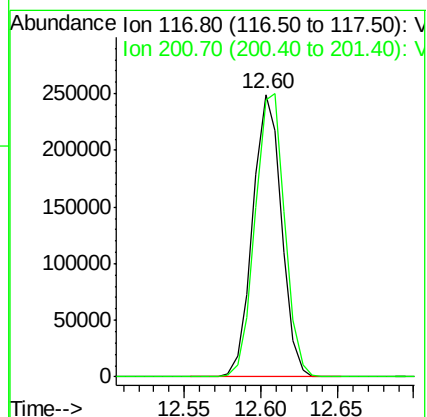
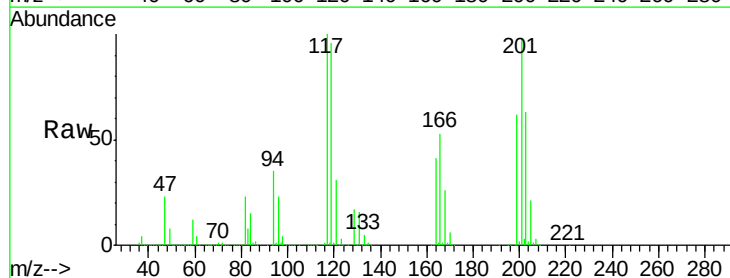
Acq: 07 Apr 2018 13:30

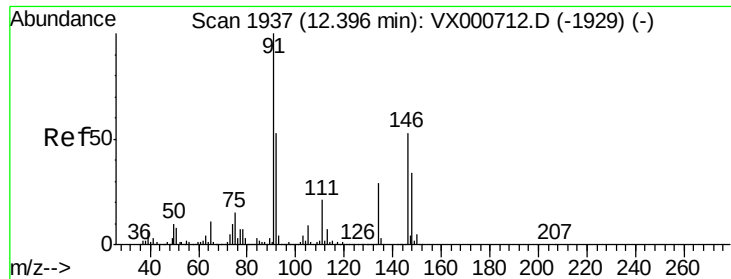
Tgt Ion: 117 Resp: 325026

Ion Ratio Lower Upper

117 100

201 103.2 51.2 153.6

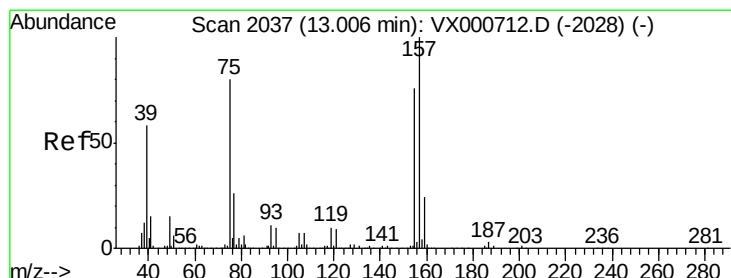
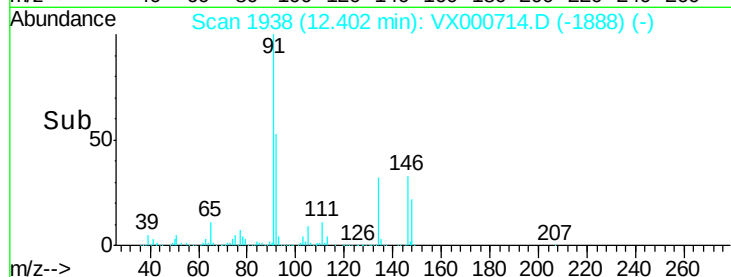
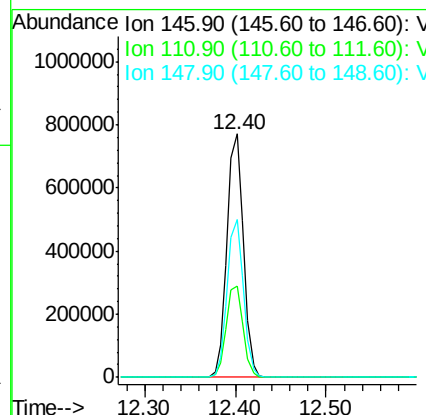
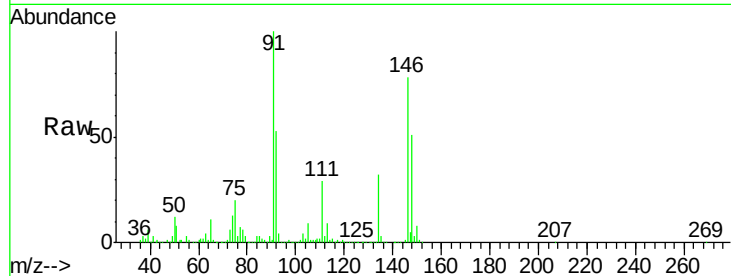




#91
 1,2-Dichlorobenzene
 Concen: 142.54 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

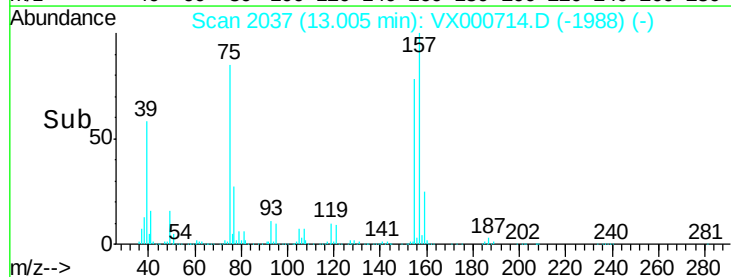
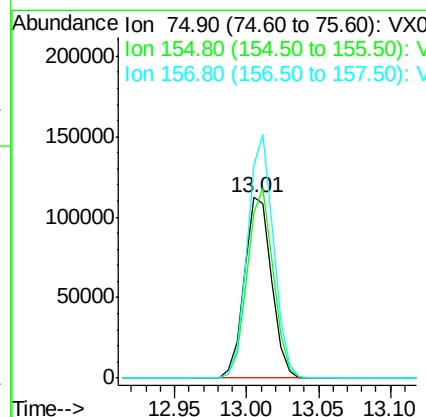
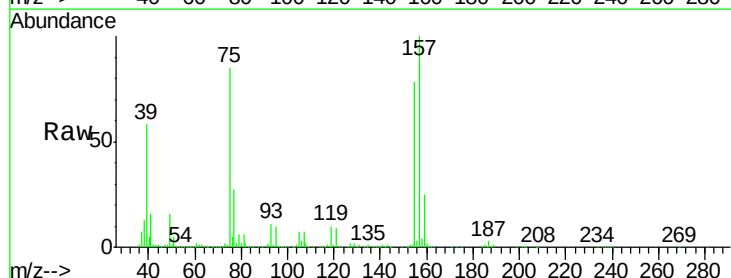
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

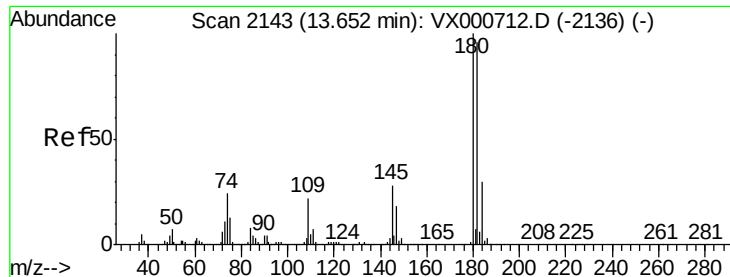
Tgt Ion:146 Resp: 976247
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 64.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 139.76 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion: 75 Resp: 146549
 Ion Ratio Lower Upper
 75 100
 155 99.8 48.4 145.0
 157 128.3 62.8 188.5

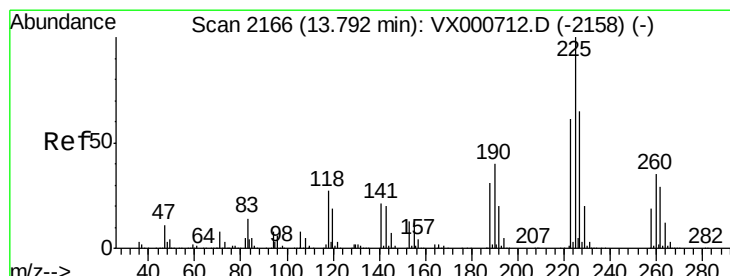
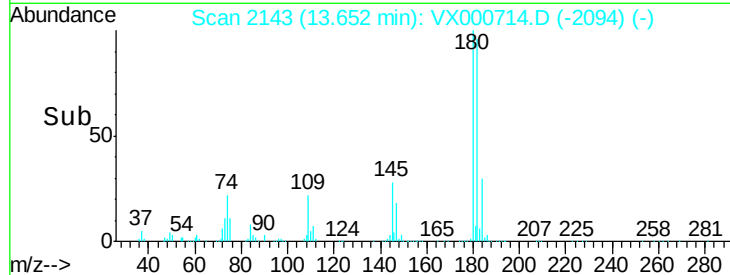
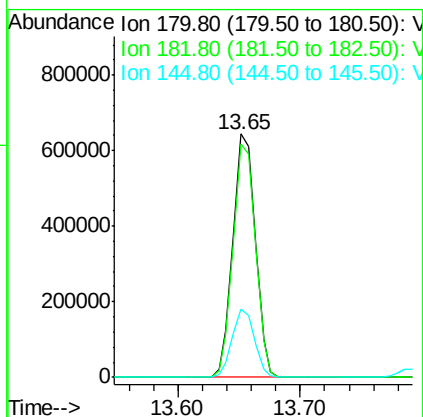
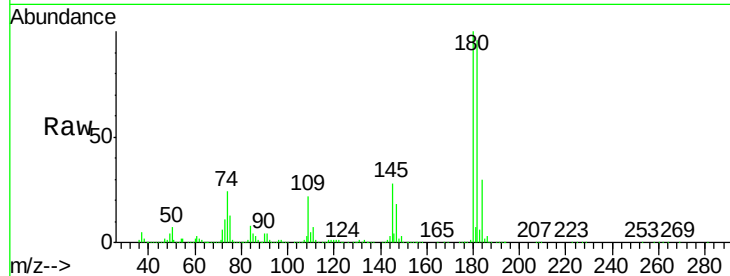




#93
 1,2,4-Trichlorobenzene
 Concen: 141.41 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

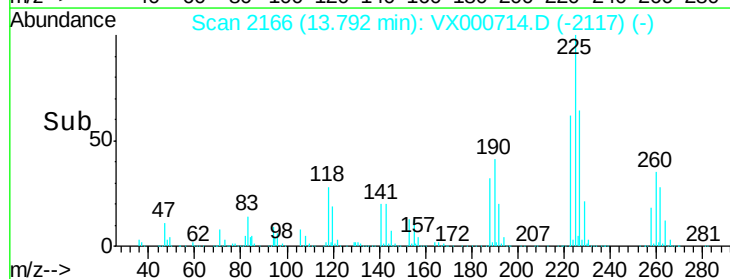
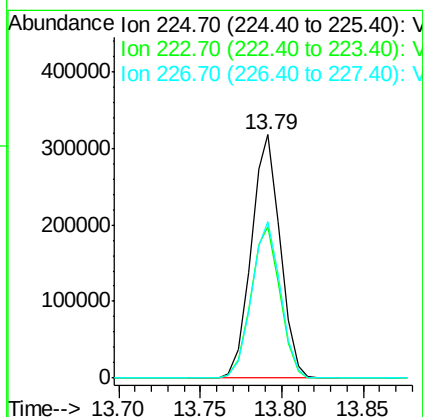
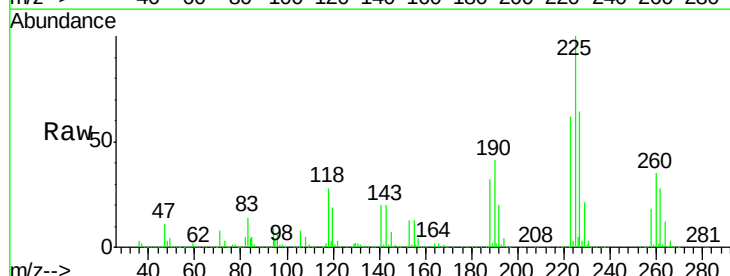
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

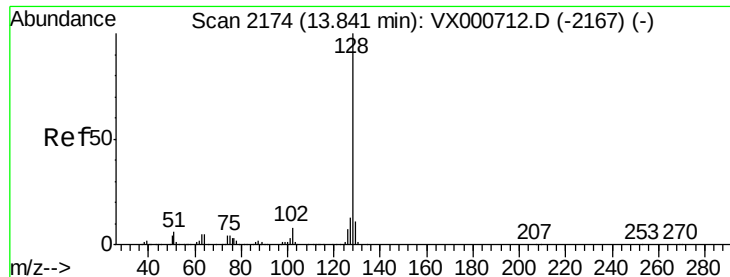
Tgt Ion:180 Resp: 812886
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.7
 145 27.9 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 138.65 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000714.D
 Acq: 07 Apr 2018 13:30

Tgt Ion:225 Resp: 391068
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.8
 227 64.4 31.9 95.7





#95

Naphthalene

Concen: 138.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

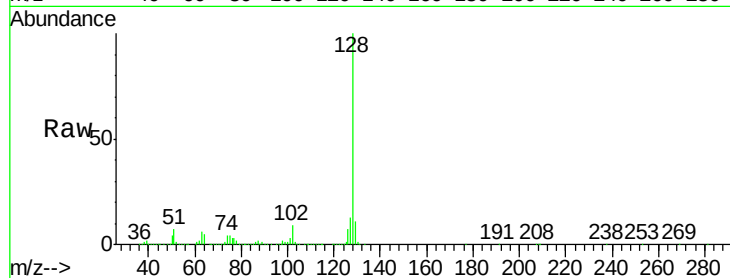
Tgt Ion:128 Resp: 2165480

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

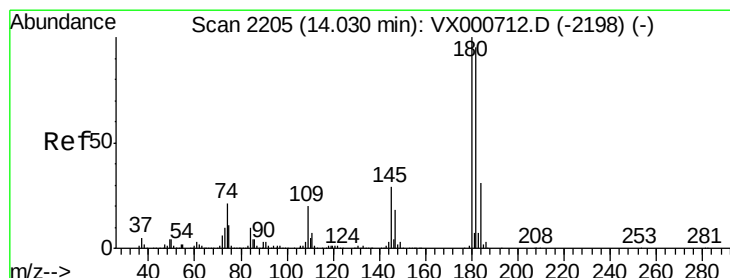
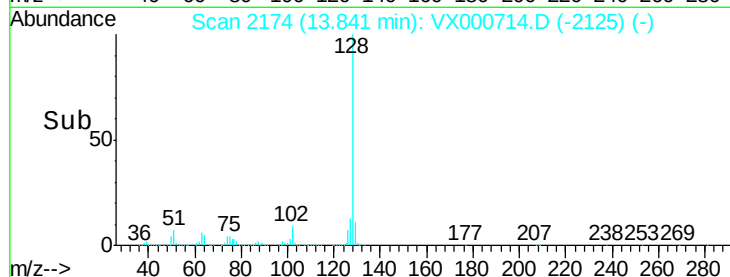
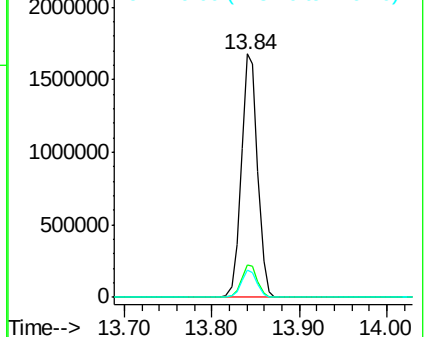
129 11.0 8.8 13.2



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: 141.67 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000714.D

Acq: 07 Apr 2018 13:30

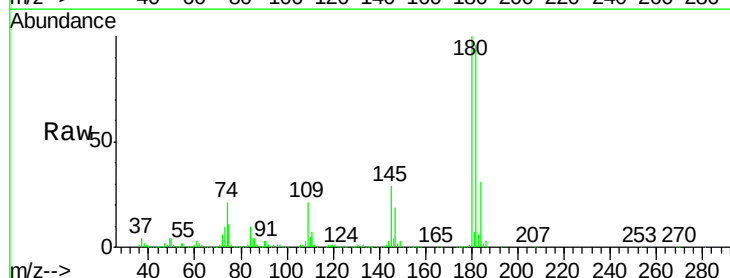
Tgt Ion:180 Resp: 796601

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 29.6 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

