

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000745.D
 Acq On : 08 Apr 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 06:46:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	317462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247942	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169986	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	146203	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.73	98	535457	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.15	95	216302	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134866	47.17	ug/l	100
3) Chloromethane	1.32	50	89815	39.20	ug/l	97
4) Vinyl Chloride	1.41	62	119426	46.23	ug/l	99
5) Bromomethane	1.64	94	34178	23.48	ug/l	98
6) Chloroethane	1.73	64	78545	49.54	ug/l	100
7) Trichlorofluoromethane	1.93	101	198253	46.86	ug/l	100
8) Diethyl Ether	2.19	74	77273	53.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118167	47.69	ug/l	98
10) Methyl Iodide	2.51	142	38401	18.21	ug/l	99
11) Tert butyl alcohol	3.07	59	135719	219.69	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106644	47.94	ug/l	96
13) Acrolein	2.30	56	68616	253.78	ug/l	98
14) Allyl chloride	2.73	41	205032	45.58	ug/l	98
15) Acrylonitrile	3.15	53	313365	242.02	ug/l	100
16) Acetone	2.45	43	267732	235.10	ug/l	98
17) Carbon Disulfide	2.57	76	255685	51.65	ug/l	99
18) Methyl Acetate	2.78	43	168641	49.88	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	410647	49.64	ug/l	98
20) Methylene Chloride	2.86	84	121105	49.59	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	117824	49.54	ug/l	97
22) Diisopropyl ether	3.88	45	431146	48.92	ug/l	97
23) Vinyl Acetate	3.83	43	1803112	241.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231087	50.09	ug/l	99
25) 2-Butanone	4.71	43	460267	231.02	ug/l	97
26) 2,2-Dichloropropane	4.59	77	197433	42.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146647	48.22	ug/l	97
28) Bromochloromethane	5.03	49	97629	53.76	ug/l	96
29) Tetrahydrofuran	5.17	42	289370	228.24	ug/l	98
30) Chloroform	5.23	83	244886	48.82	ug/l	100
31) Cyclohexane	5.59	56	183404	50.17	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	230593	48.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	174289	45.49	ug/l	99
37) Ethyl Acetate	4.87	43	182284	44.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	210111	46.80	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	196563	48.43	ug/l	96
40) Benzene	6.15	78	514607	47.75	ug/l	100
41) Methacrylonitrile	5.07	41	108587	45.33	ug/l	99
42) 1,2-Dichloroethane	6.21	62	197463	46.46	ug/l	99
43) Isopropyl Acetate	6.48	43	324462	45.06	ug/l	99
44) Trichloroethene	7.22	130	160113	48.89	ug/l	98
45) 1,2-Dichloropropane	7.52	63	136055	47.09	ug/l	97
46) Dibromomethane	7.67	93	93891	46.82	ug/l	97
47) Bromodichloromethane	7.91	83	197438	47.58	ug/l	100
48) Methyl methacrylate	7.79	41	167578	46.25	ug/l	98
49) 1,4-Dioxane	7.76	88	60839	846.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	961880	230.53	ug/l	99
52) Toluene	8.79	92	342004	47.60	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	230752	46.73	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	225868	46.06	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	142976	48.92	ug/l	98
56) Ethyl methacrylate	9.19	69	221779	47.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227837	47.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	538154	246.57	ug/l	99
59) 2-Hexanone	9.51	43	724905	227.64	ug/l	98
60) Dibromochloromethane	9.59	129	176502	48.42	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149286	47.57	ug/l	98
64) Tetrachloroethene	9.34	164	156600	48.36	ug/l	98
65) Chlorobenzene	10.15	112	411519	48.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161755	48.73	ug/l	100
67) Ethyl Benzene	10.26	91	682185	47.83	ug/l	100
68) m/p-Xylenes	10.37	106	538338	96.48	ug/l	99
69) o-Xylene	10.71	106	261435	47.75	ug/l	100
70) Styrene	10.72	104	452226	48.89	ug/l	99
71) Bromoform	10.87	173	153495	48.83	ug/l #	99
73) Isopropylbenzene	11.02	105	716972	48.37	ug/l	100
74) N-amyl acetate	6.48	43	324462	44.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211226	47.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	249619	59.17	ug/l	83
77) Bromobenzene	11.26	156	209521	49.84	ug/l	97
78) n-propylbenzene	11.37	91	806566	47.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	478654	47.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	611756	47.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66735	41.19	ug/l	95
82) 4-Chlorotoluene	11.52	91	574678	47.28	ug/l	100
83) tert-Butylbenzene	11.78	119	639227	48.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	636184	47.86	ug/l	99
85) sec-Butylbenzene	11.95	105	738649	47.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	684071	47.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	384305	48.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392696	48.64	ug/l	99
89) n-Butylbenzene	12.40	91	597170	46.43	ug/l	100
90) Hexachloroethane	12.60	117	122454	46.83	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377367	49.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51074	44.11	ug/l	93

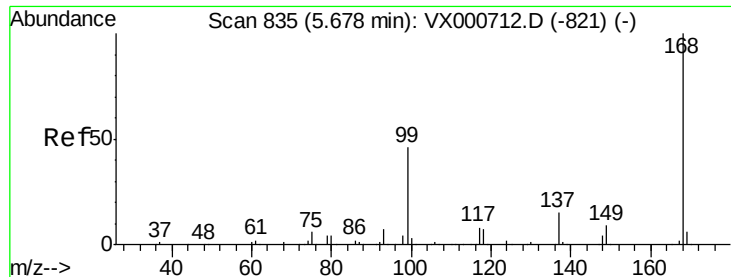
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318088	48.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	148067	45.96	ug/l	99
95) Naphthalene	13.84	128	846252	49.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314237	49.79	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

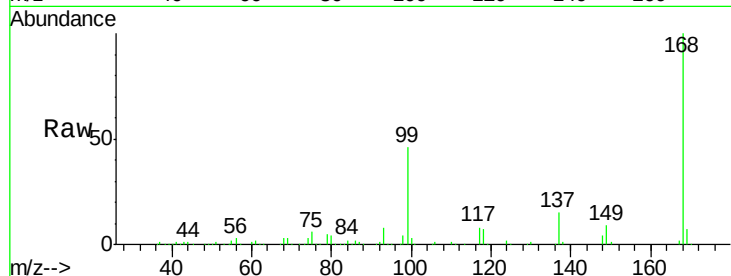
VSTDCCC050EC

Tgt Ion:168 Resp: 317462

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

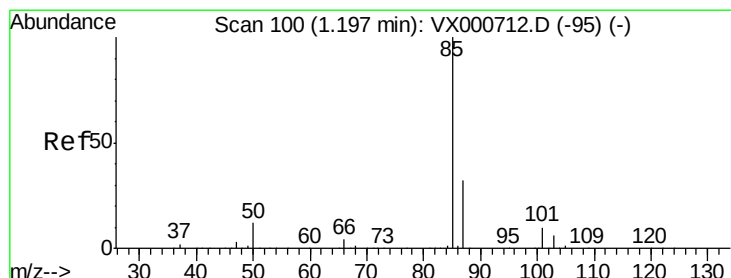
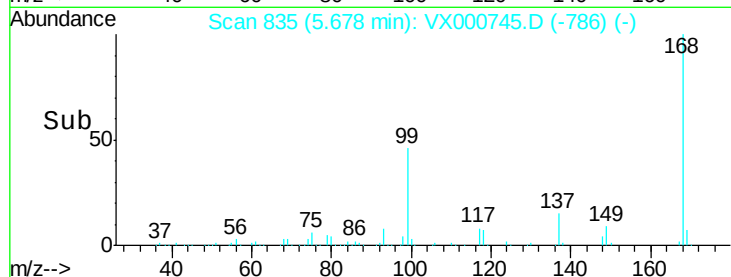
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000745.D

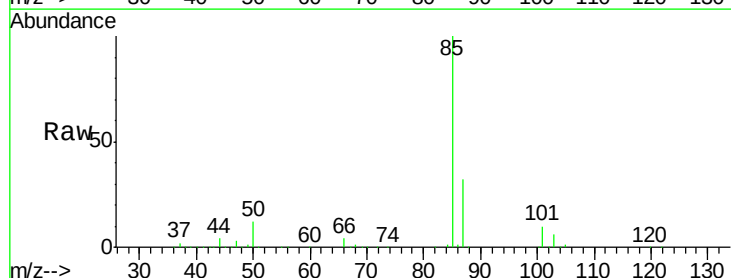
Acq: 08 Apr 2018 21:10

Tgt Ion: 85 Resp: 134866

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

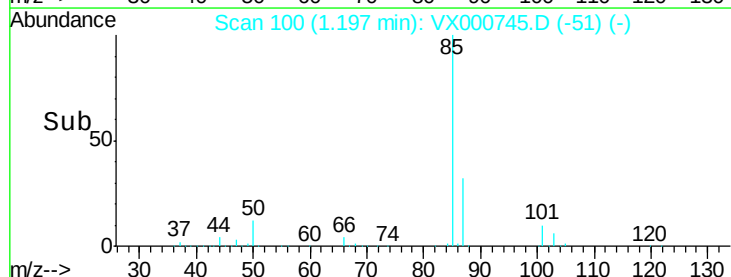
150000

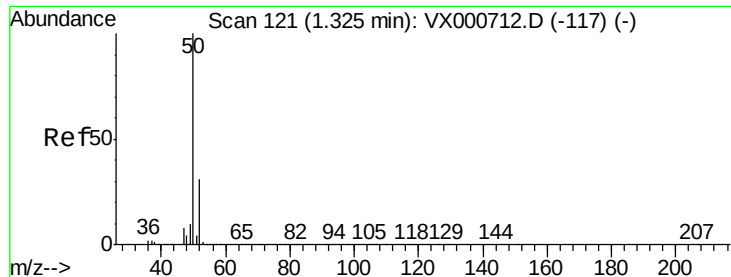
100000

50000

0

Time-->





#3

Chloromethane

Concen: 39.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

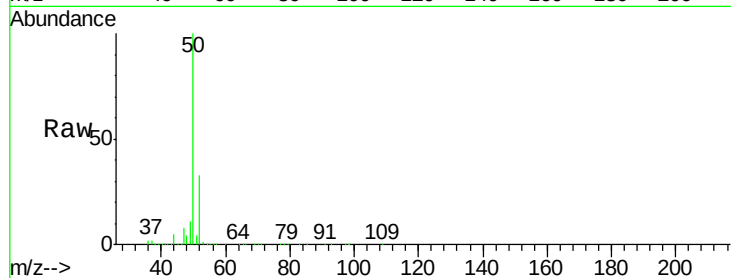
VSTDCCC050EC

Tgt Ion: 50 Resp: 89815

Ion Ratio Lower Upper

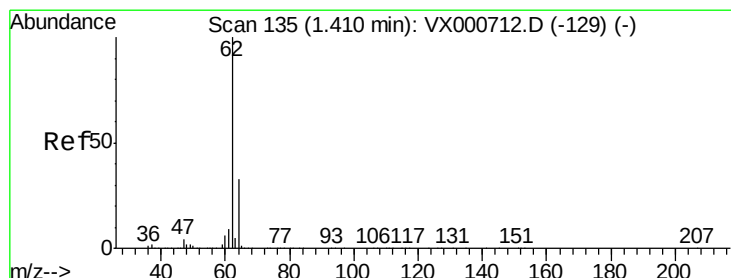
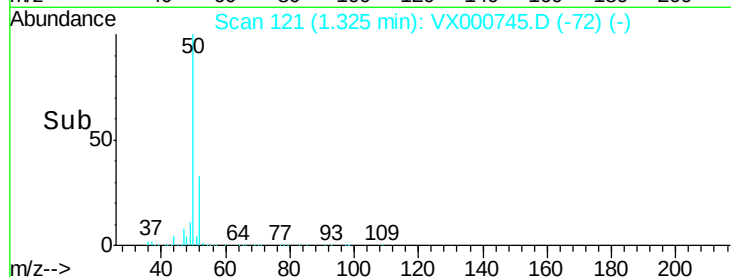
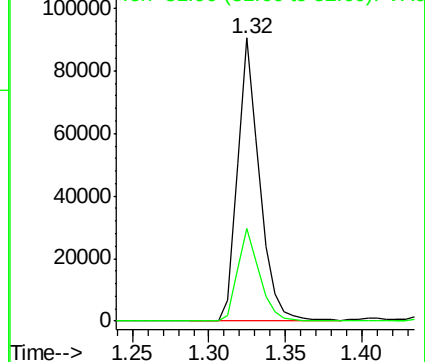
50 100

52 32.8 24.9 37.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.23 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000745.D

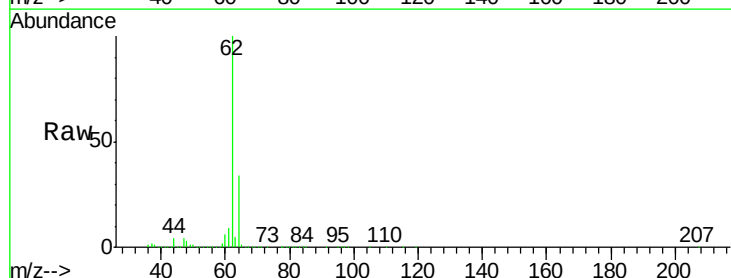
Acq: 08 Apr 2018 21:10

Tgt Ion: 62 Resp: 119426

Ion Ratio Lower Upper

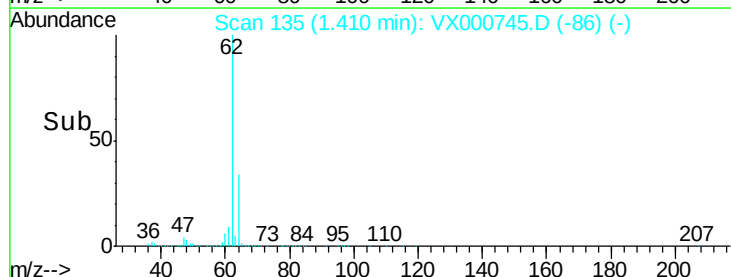
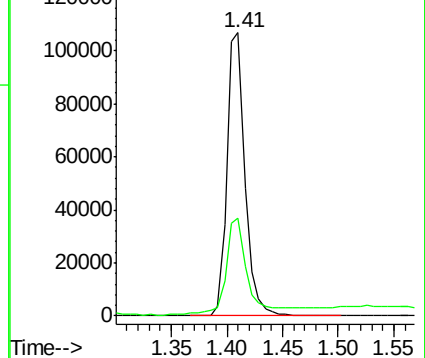
62 100

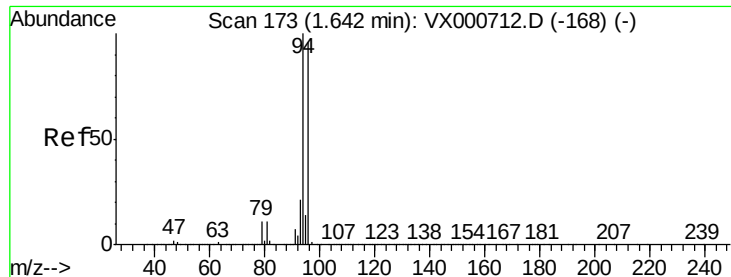
64 33.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

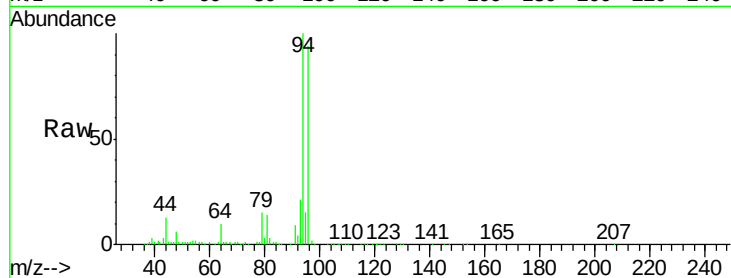
VSTDCCC050EC

Tgt Ion: 94 Resp: 34178

Ion Ratio Lower Upper

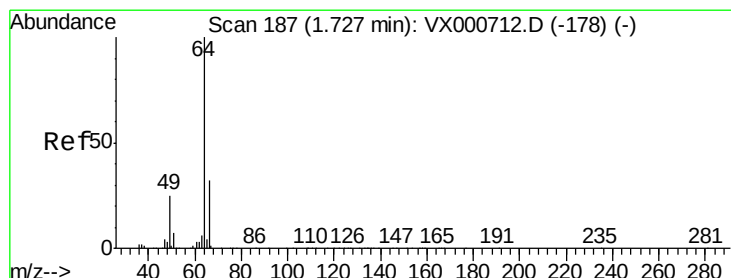
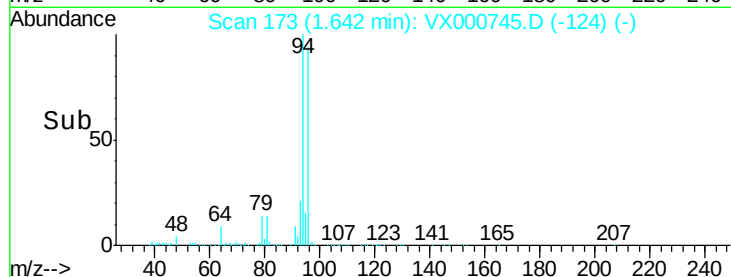
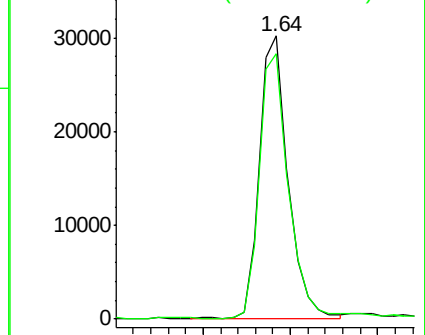
94 100

96 93.3 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: 49.54 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000745.D

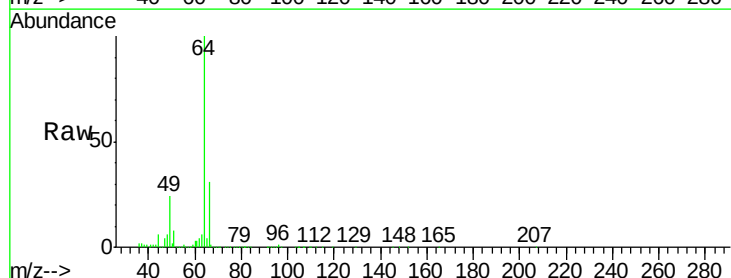
Acq: 08 Apr 2018 21:10

Tgt Ion: 64 Resp: 78545

Ion Ratio Lower Upper

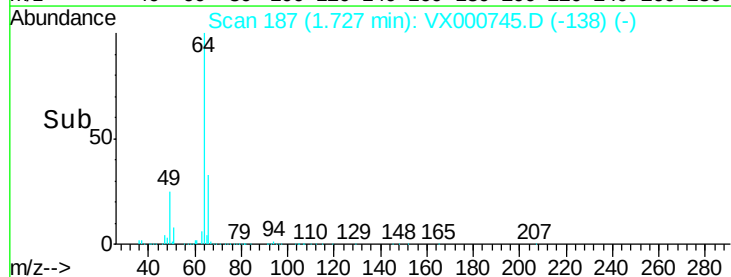
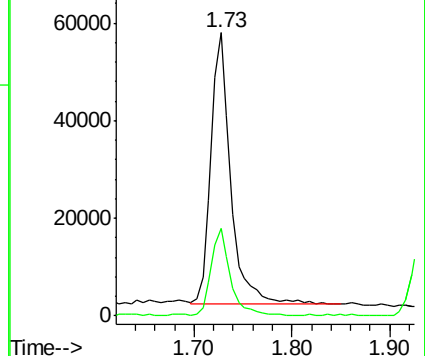
64 100

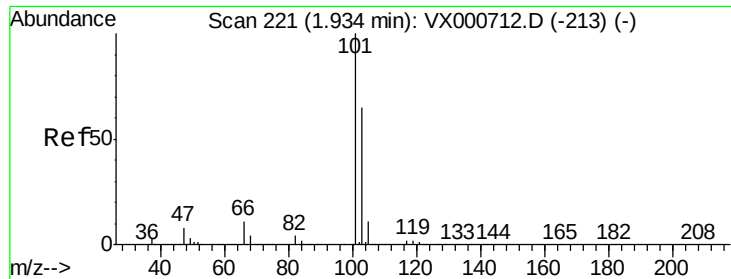
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



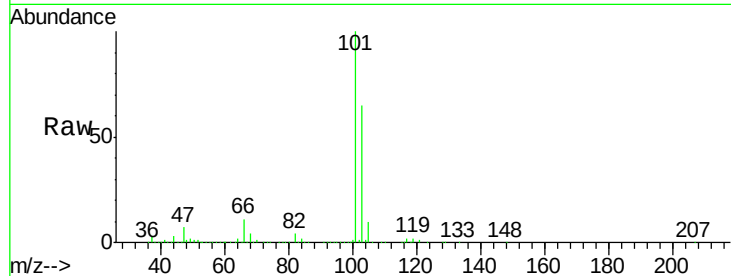


#7

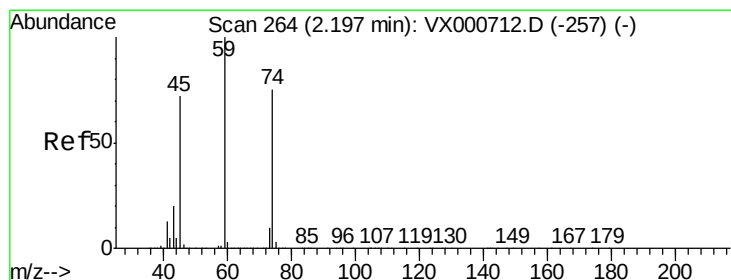
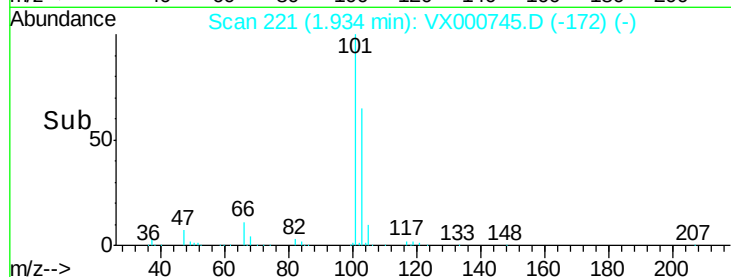
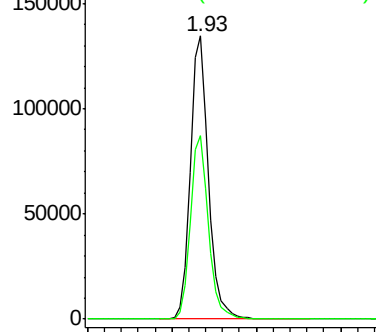
Trichlorofluoromethane
Concen: 46.86 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 198253
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1



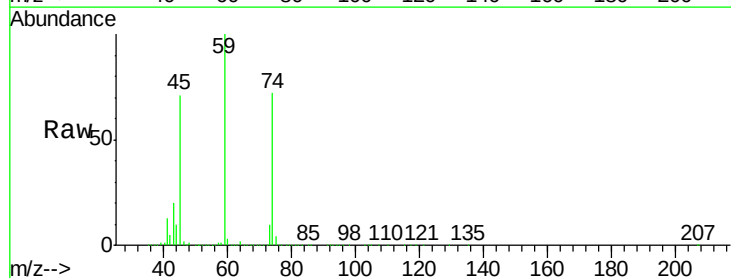
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



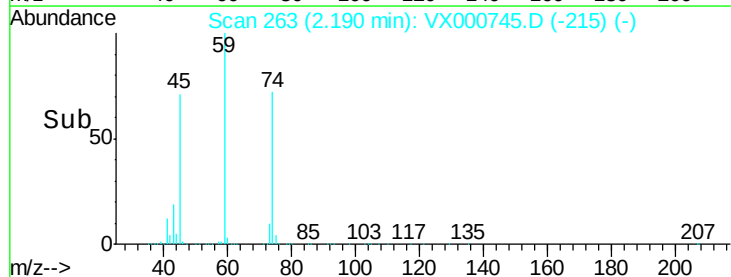
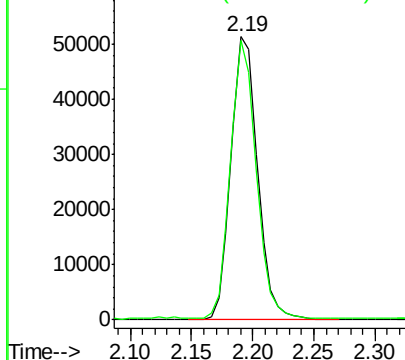
#8

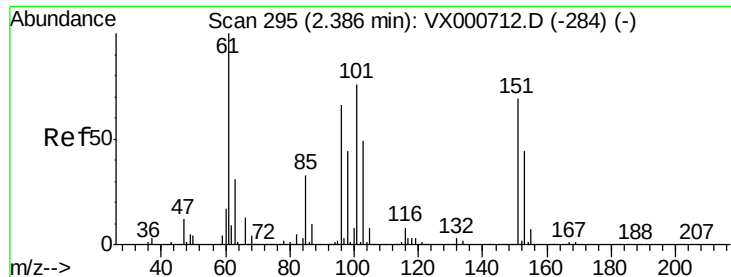
Diethyl Ether
Concen: 53.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 74 Resp: 77273
Ion Ratio Lower Upper
74 100
45 95.3 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

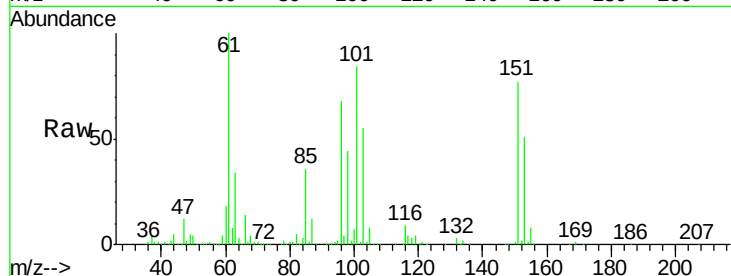
Tgt Ion:101 Resp: 118167

Ion Ratio Lower Upper

101 100

85 43.2 34.3 51.5

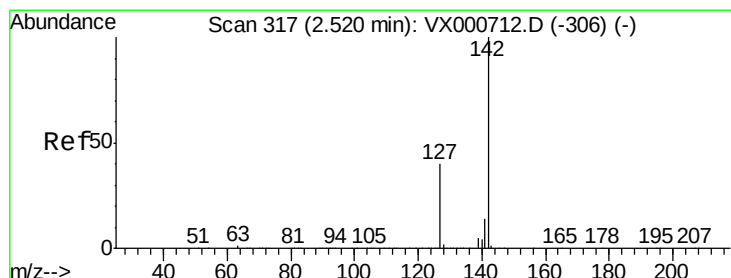
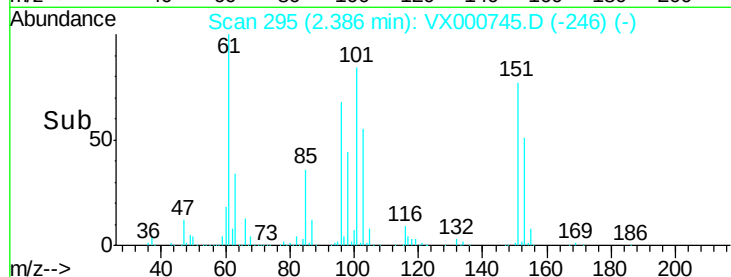
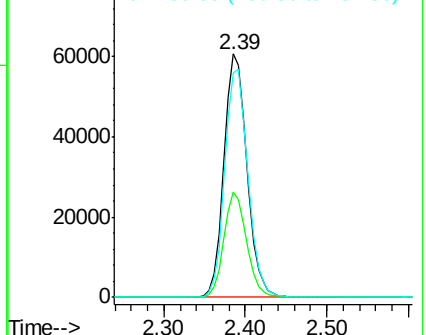
151 94.4 73.8 110.8



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: 18.21 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

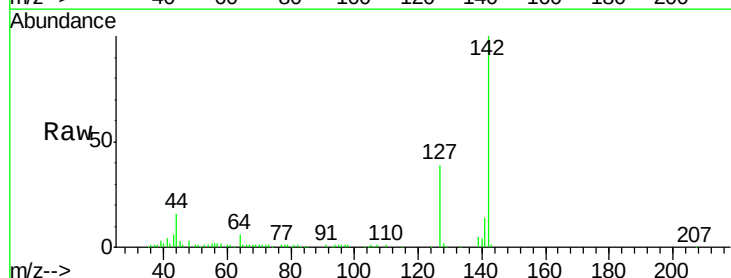
Tgt Ion:142 Resp: 38401

Ion Ratio Lower Upper

142 100

127 41.9 33.9 50.9

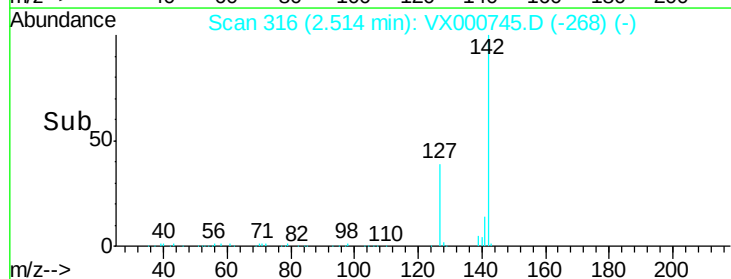
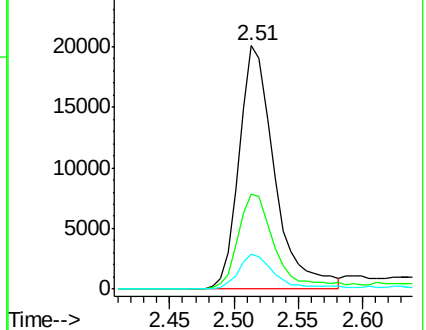
141 14.8 11.4 17.0

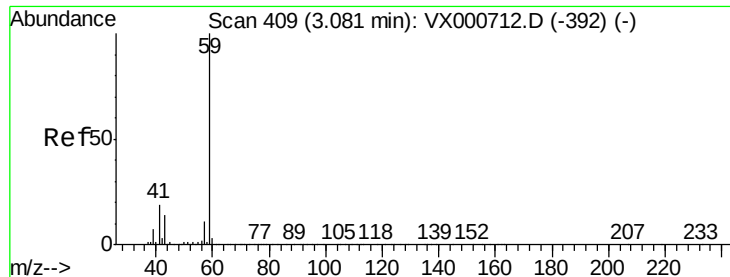


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

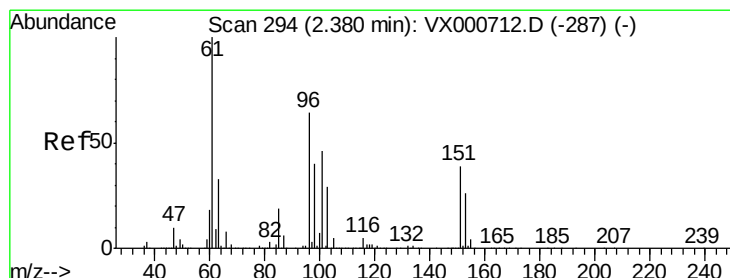
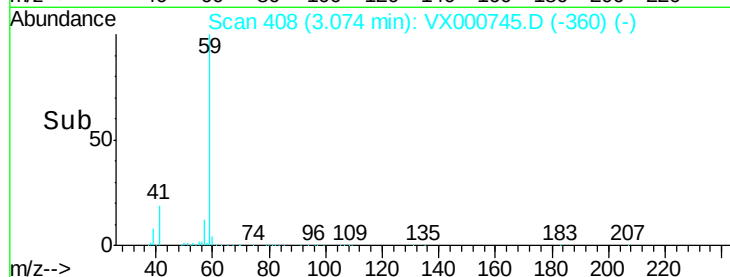
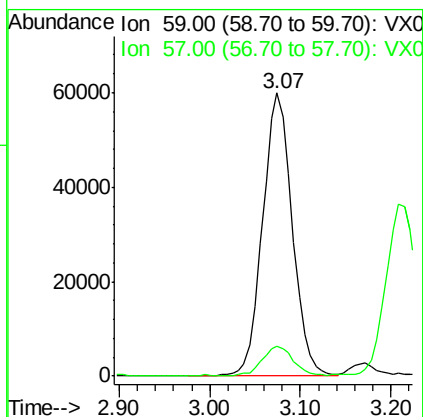
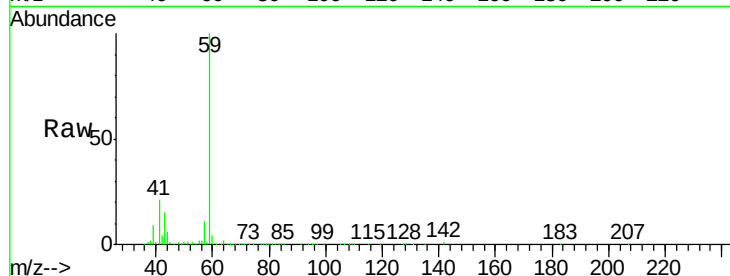




#11
Tert butyl alcohol
Concen: 219.69 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

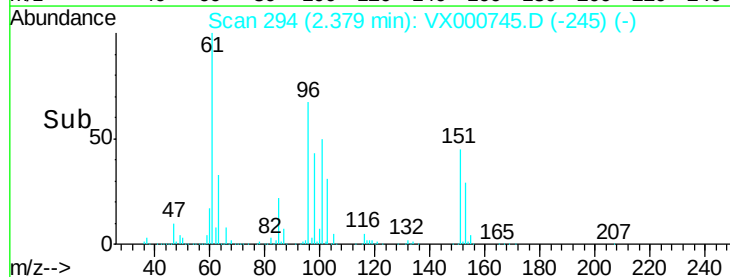
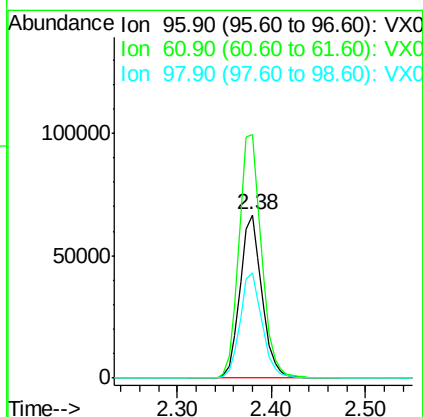
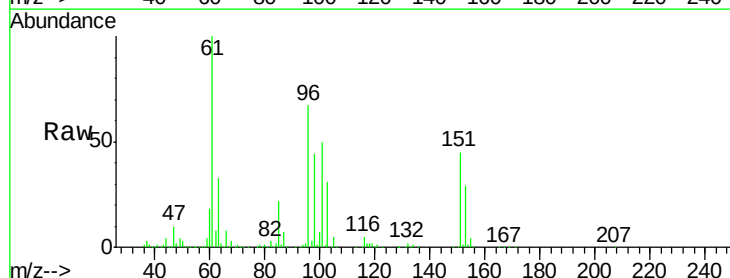
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

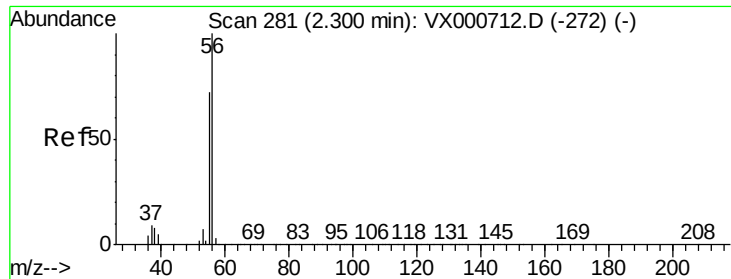
Tgt Ion: 59 Resp: 135719
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 96 Resp: 106644
Ion Ratio Lower Upper
96 100
61 149.3 125.0 187.4
98 64.8 50.5 75.7





#13

Acrolein

Concen: 253.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

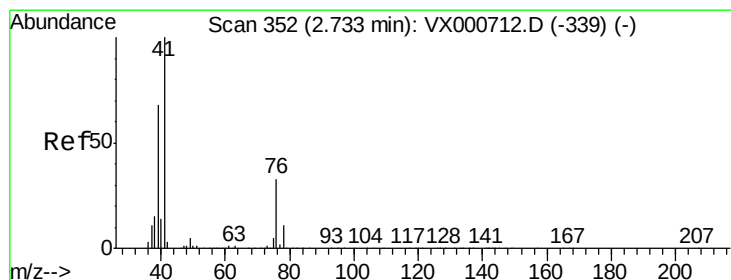
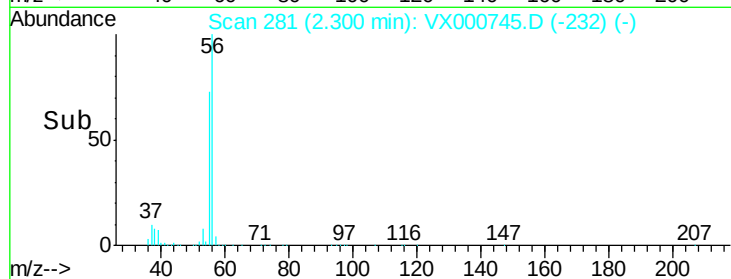
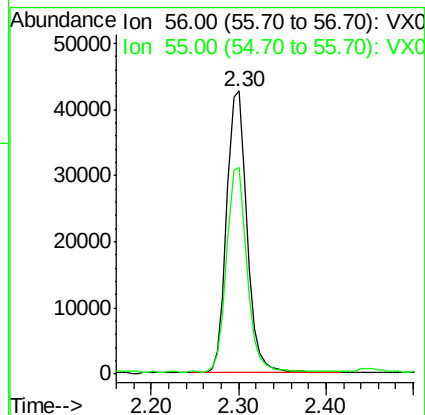
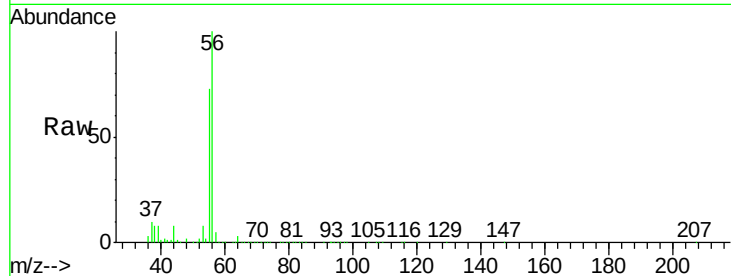
VSTDCCC050EC

Tgt Ion: 56 Resp: 68616

Ion Ratio Lower Upper

56 100

55 73.2 57.4 86.2



#14

Allyl chloride

Concen: 45.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

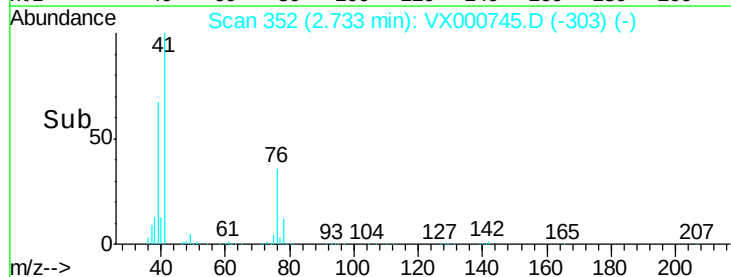
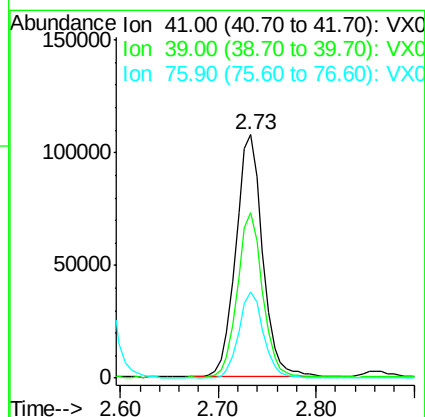
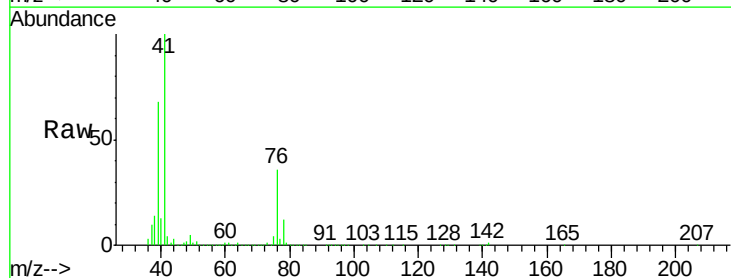
Tgt Ion: 41 Resp: 205032

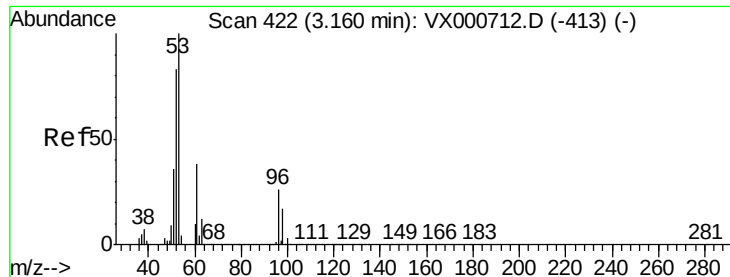
Ion Ratio Lower Upper

41 100

39 63.8 52.4 78.6

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 242.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

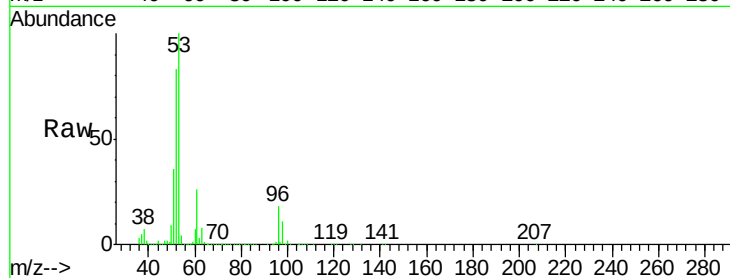
Tgt Ion: 53 Resp: 313365

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

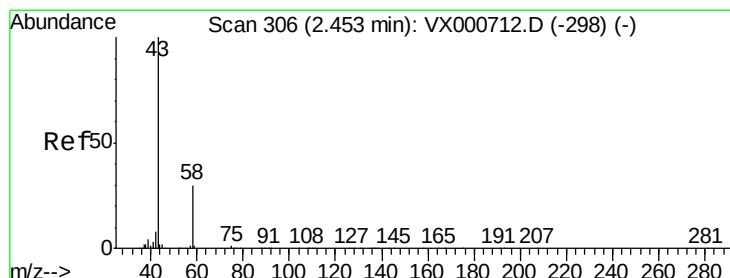
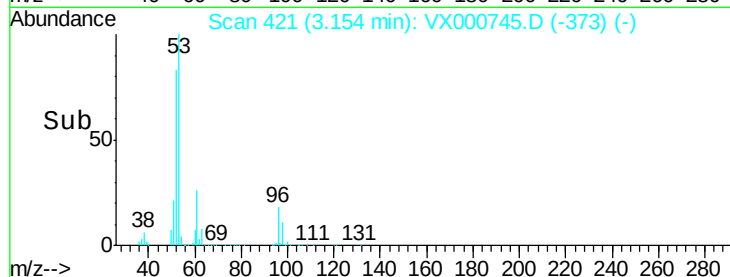
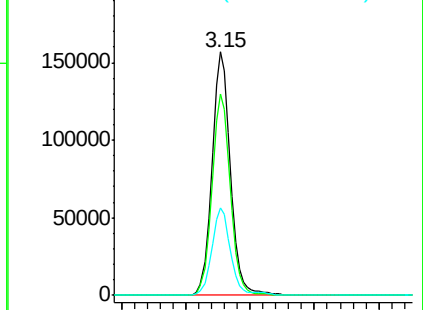
51 36.3 29.1 43.7



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: 235.10 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000745.D

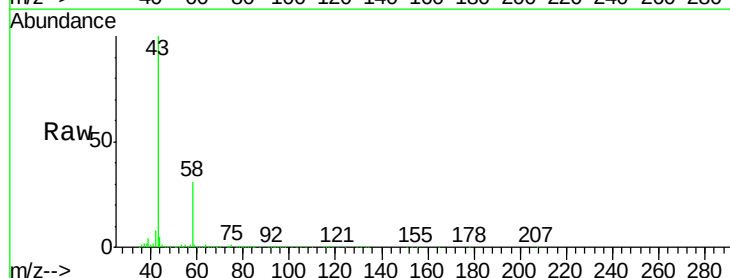
Acq: 08 Apr 2018 21:10

Tgt Ion: 43 Resp: 267732

Ion Ratio Lower Upper

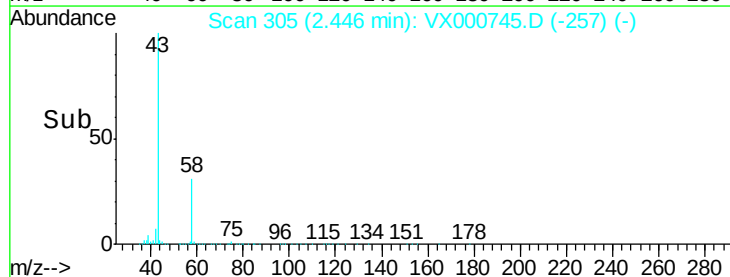
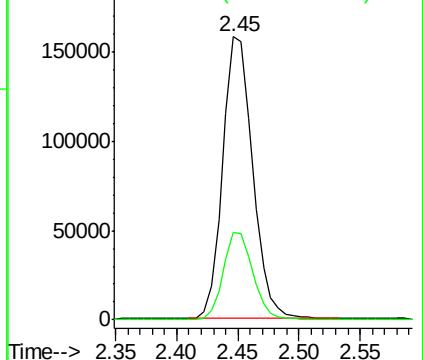
43 100

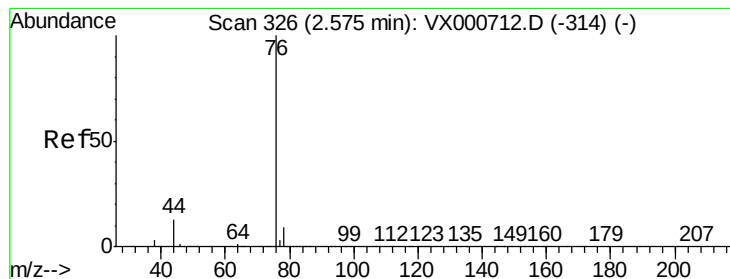
58 30.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.65 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

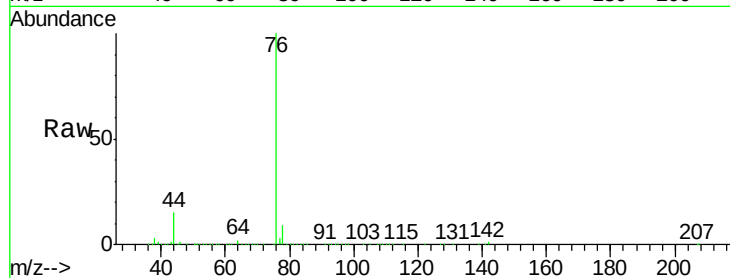
VSTDCCC050EC

Tgt Ion: 76 Resp: 255685

Ion Ratio Lower Upper

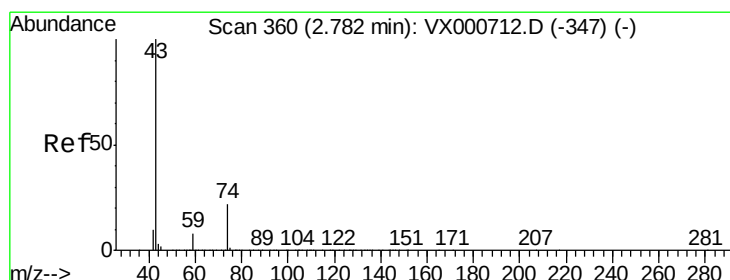
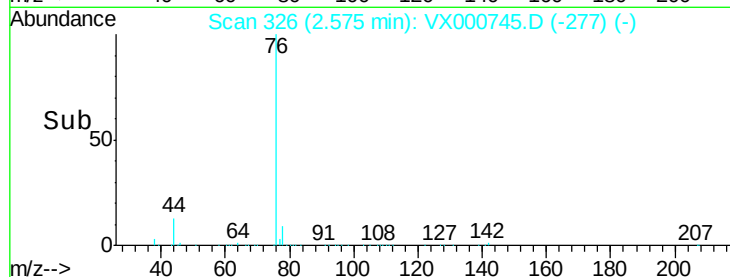
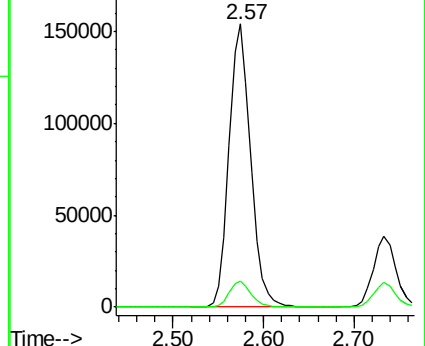
76 100

78 9.3 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: 49.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000745.D

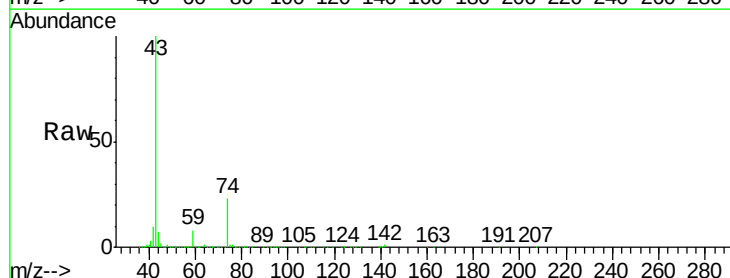
Acq: 08 Apr 2018 21:10

Tgt Ion: 43 Resp: 168641

Ion Ratio Lower Upper

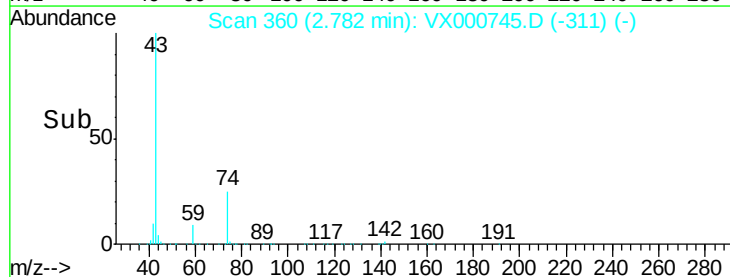
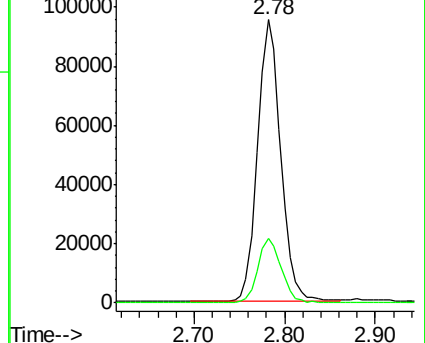
43 100

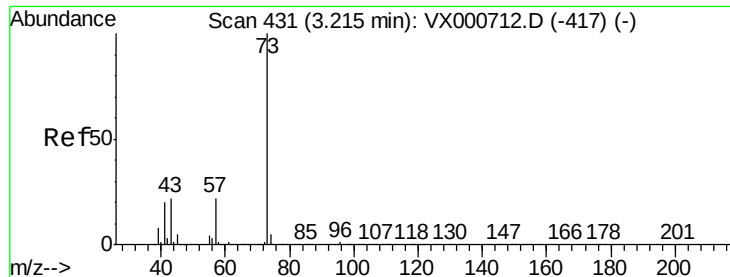
74 22.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

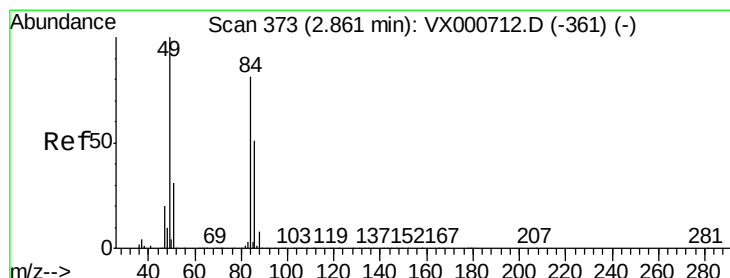
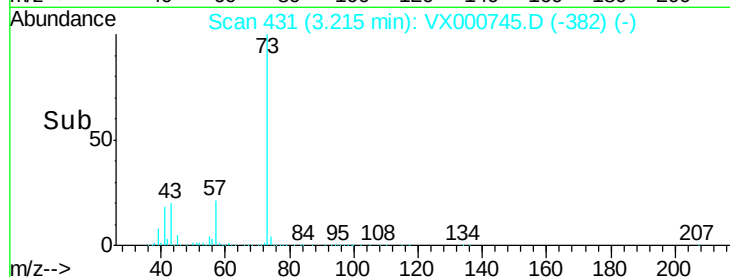
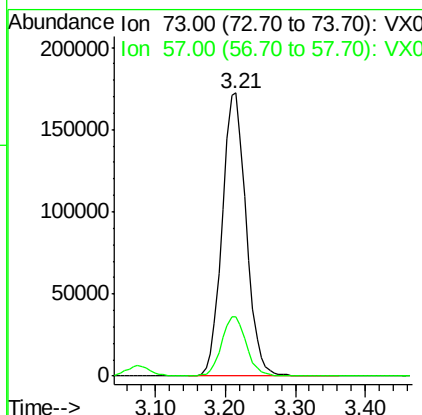
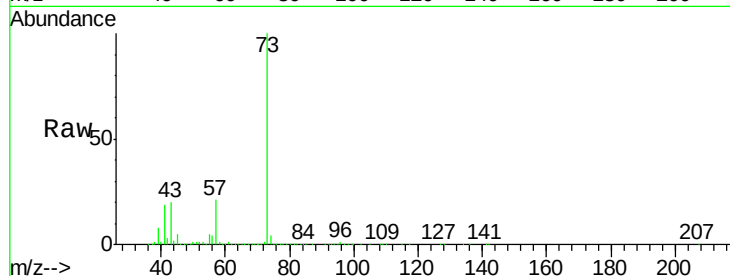




#19
Methyl tert-butyl Ether
Concen: 49.64 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

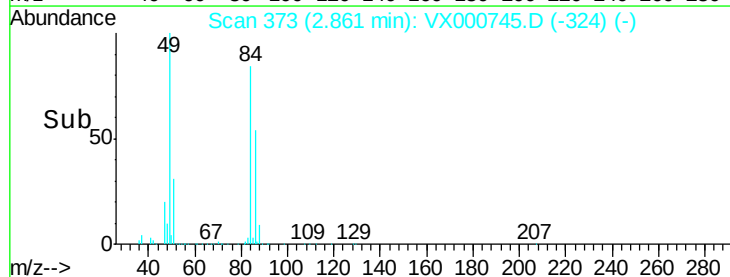
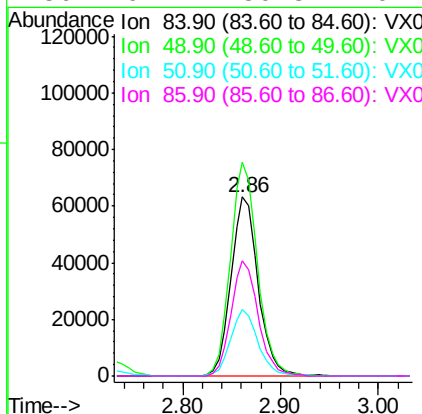
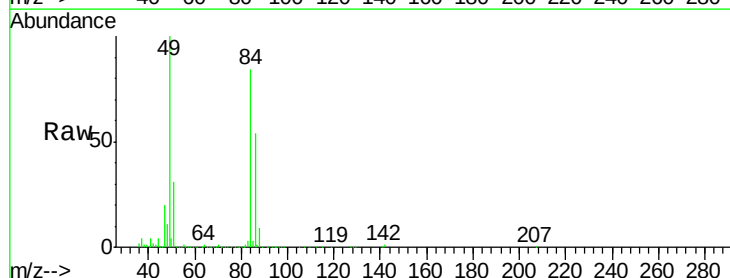
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

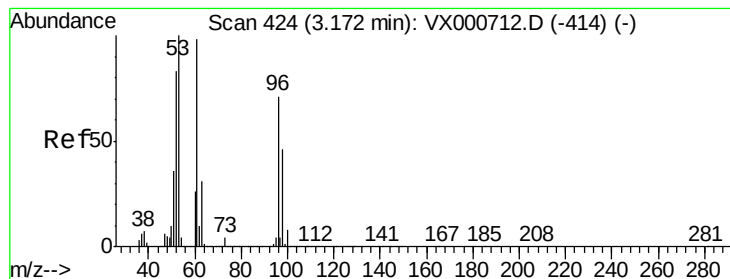
Tgt Ion: 73 Resp: 410647
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 49.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 84 Resp: 121105
Ion Ratio Lower Upper
84 100
49 119.7 98.6 148.0
51 37.4 30.8 46.2
86 64.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

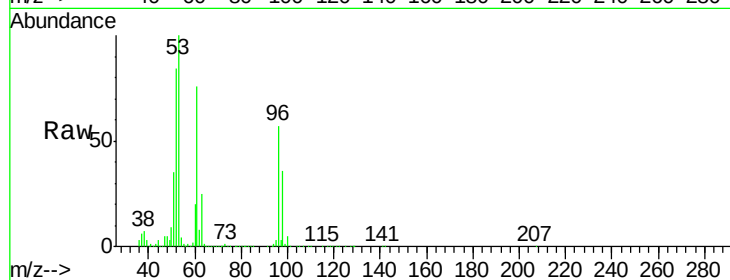
Tgt Ion: 96 Resp: 117824

Ion Ratio Lower Upper

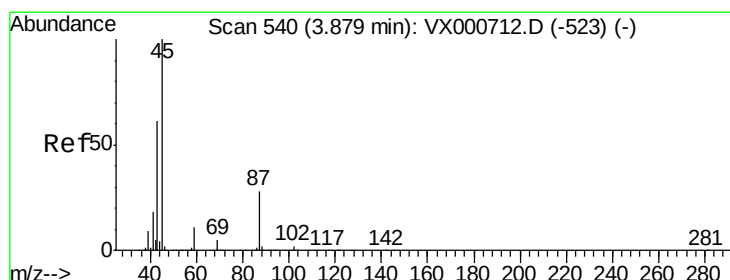
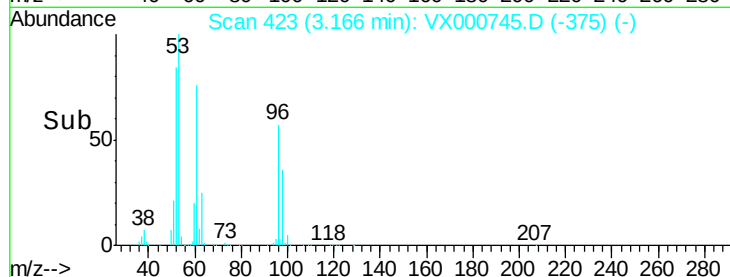
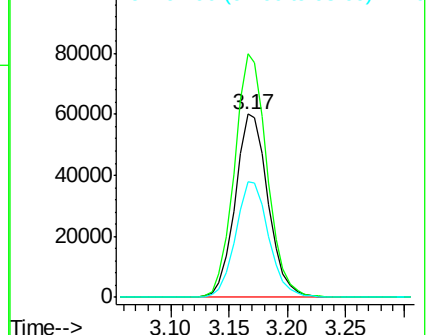
96 100

61 133.2 109.8 164.6

98 62.9 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.92 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion: 45 Resp: 431146

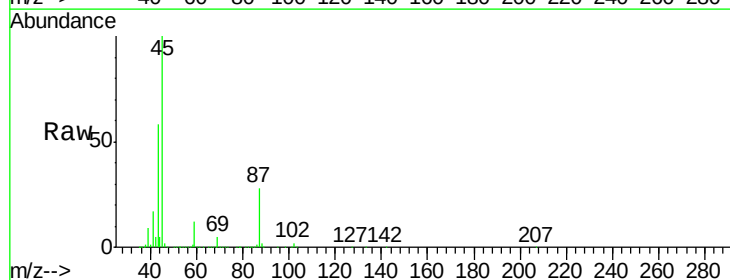
Ion Ratio Lower Upper

45 100

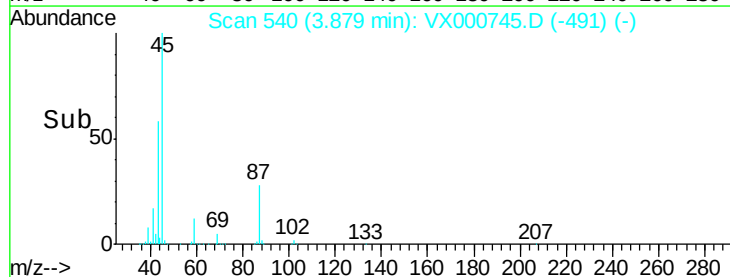
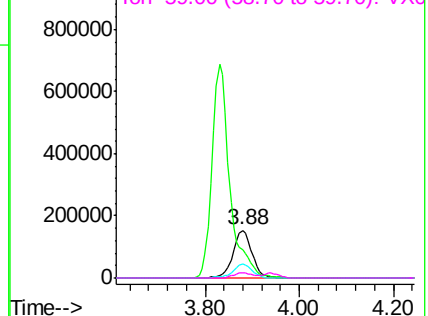
43 57.8 49.2 73.8

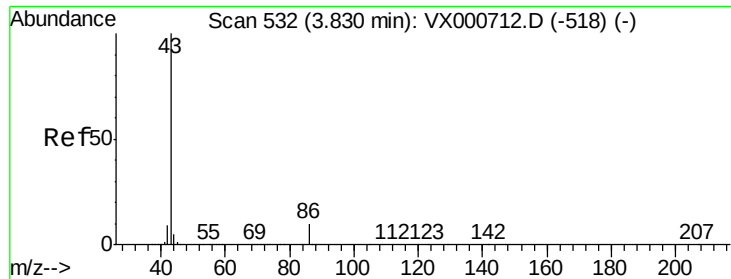
87 28.4 22.7 34.1

59 11.7 9.0 13.4



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





#23

Vinyl Acetate

Concen: 241.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

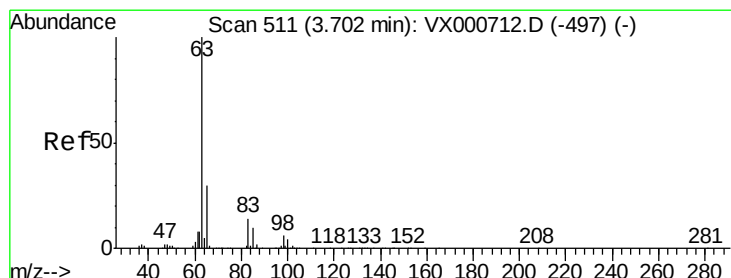
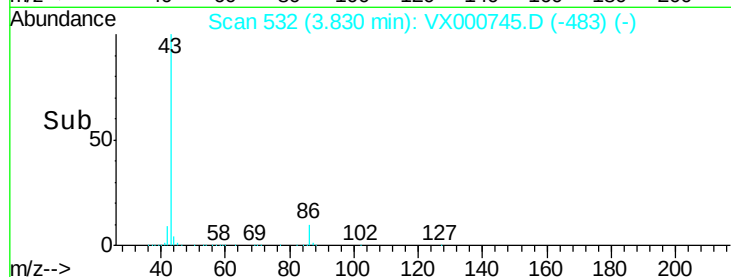
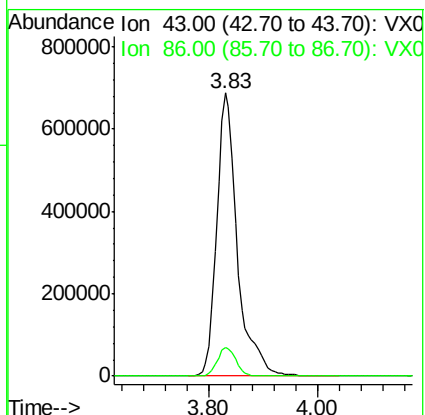
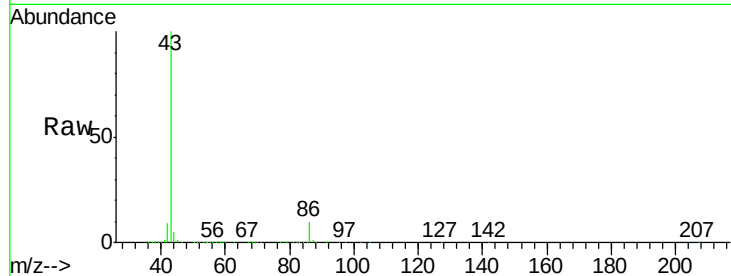
VSTDCCC050EC

Tgt Ion: 43 Resp: 1803112

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



#24

1,1-Dichloroethane

Concen: 50.09 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

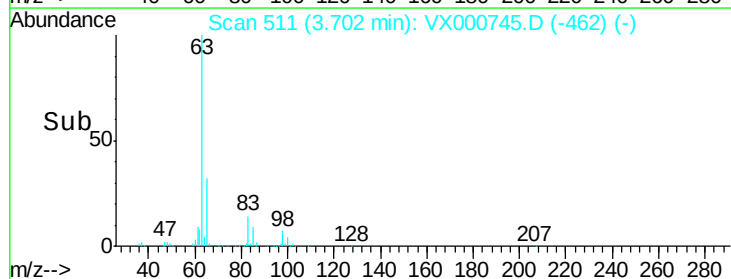
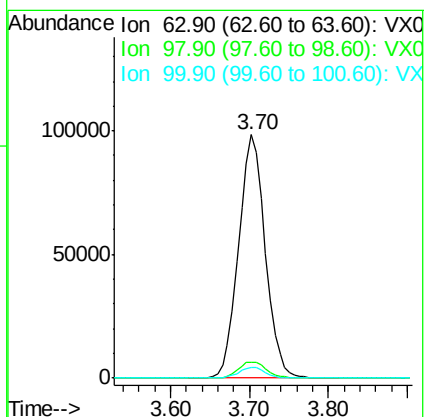
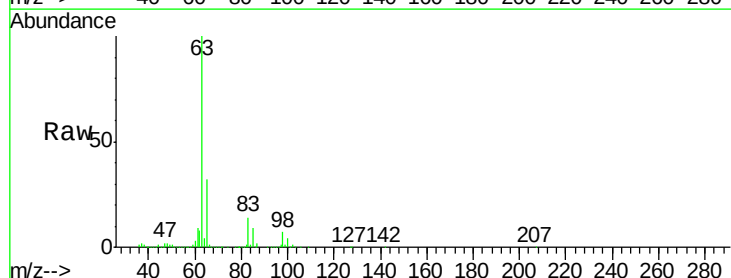
Tgt Ion: 63 Resp: 231087

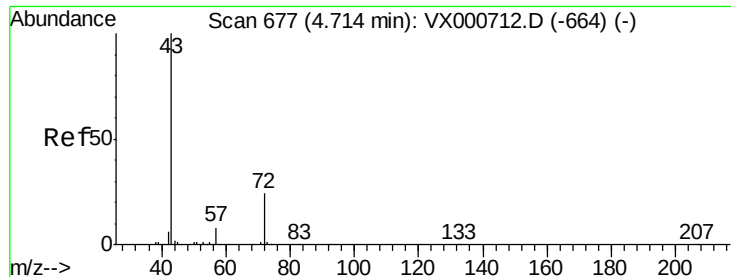
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 231.02 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

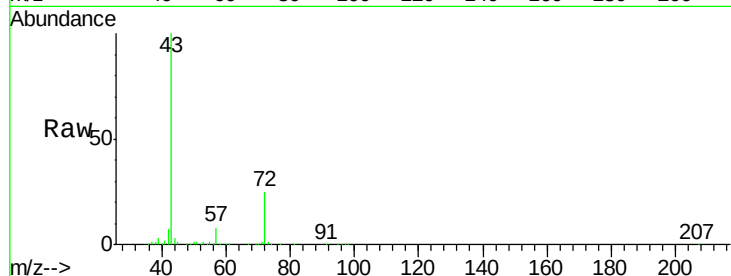
VSTDCCC050EC

Tgt Ion: 43 Resp: 460267

Ion Ratio Lower Upper

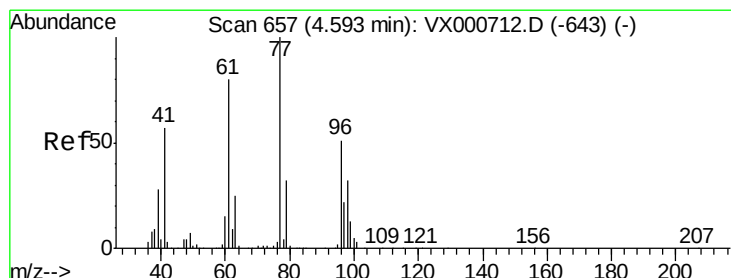
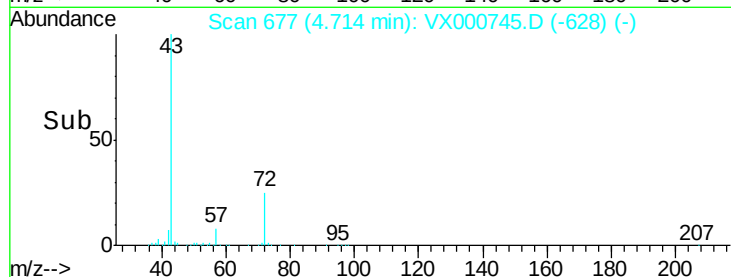
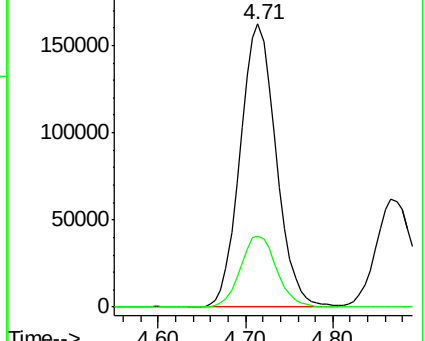
43 100

72 25.2 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000745.D

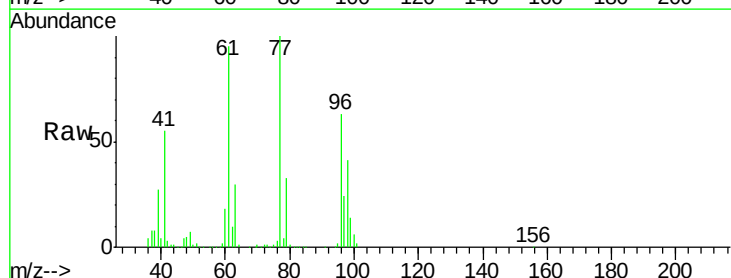
Acq: 08 Apr 2018 21:10

Tgt Ion: 77 Resp: 197433

Ion Ratio Lower Upper

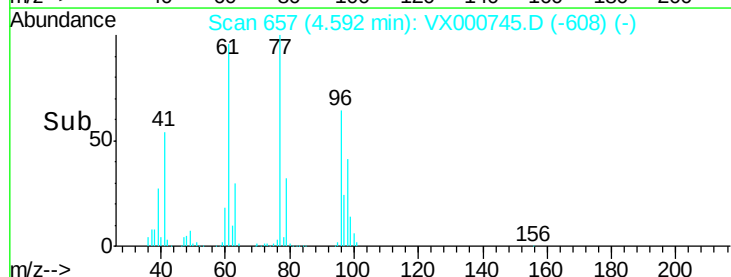
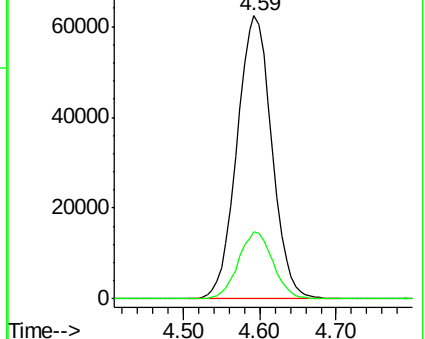
77 100

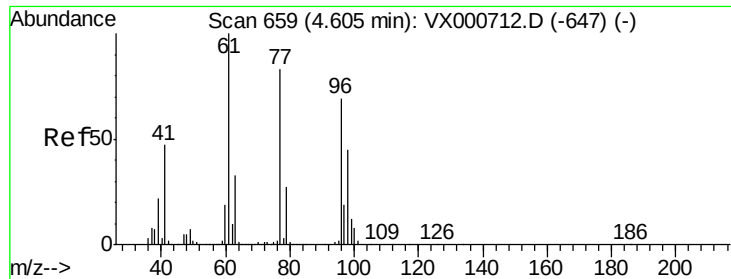
97 23.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



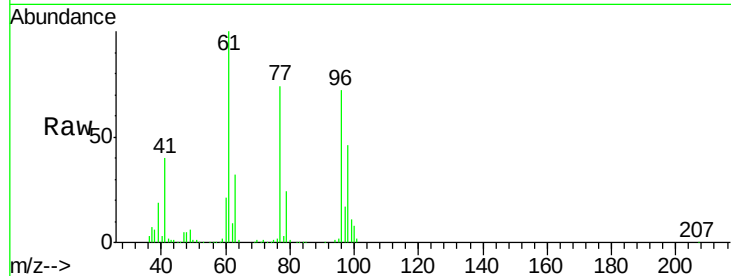


#27

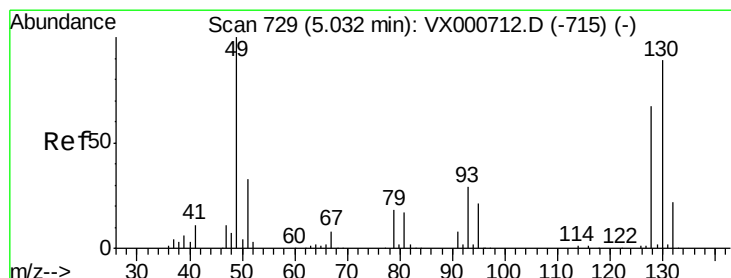
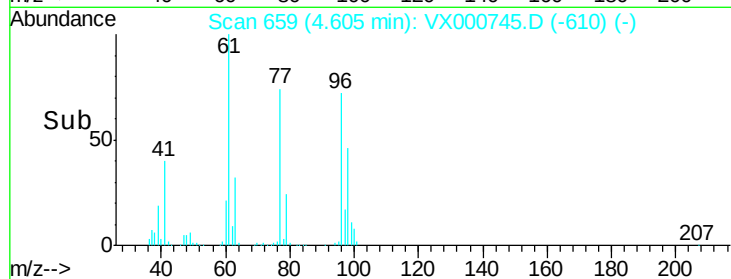
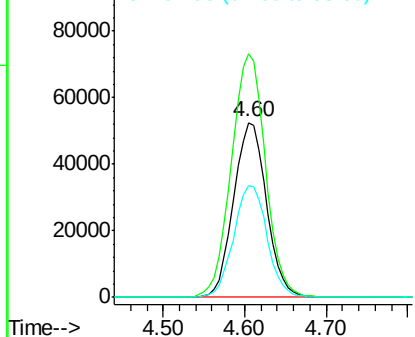
cis-1,2-Dichloroethene
Concen: 48.22 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 146647
Ion Ratio Lower Upper
96 100
61 144.3 0.0 301.0
98 65.1 0.0 129.6



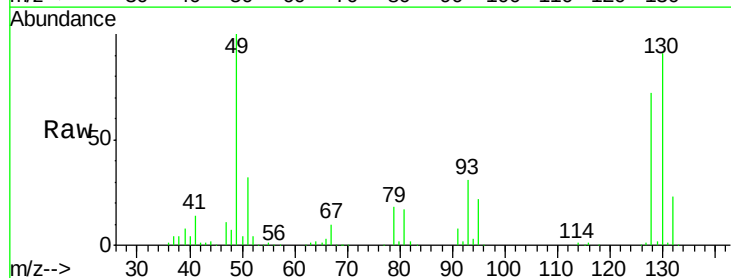
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



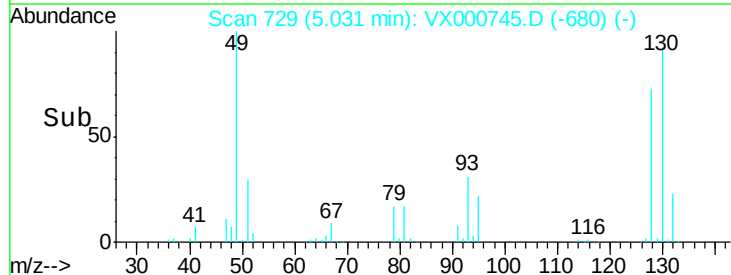
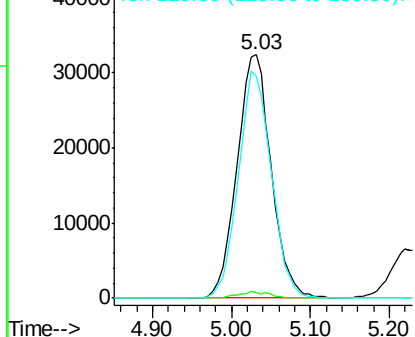
#28

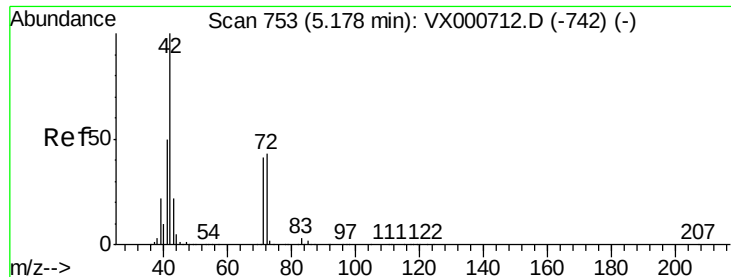
Bromochloromethane
Concen: 53.76 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 49 Resp: 97629
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.4
130 90.0 69.0 103.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

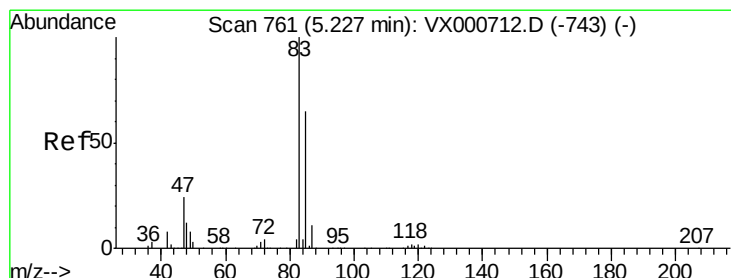
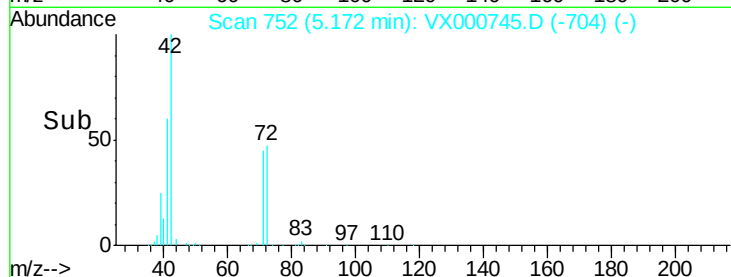
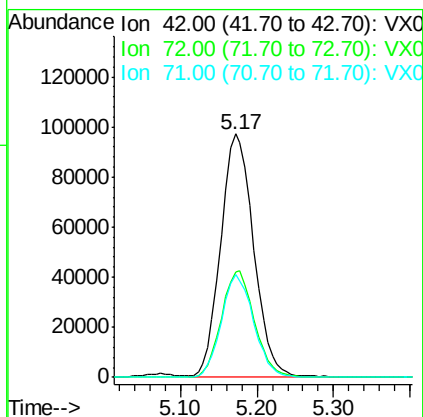
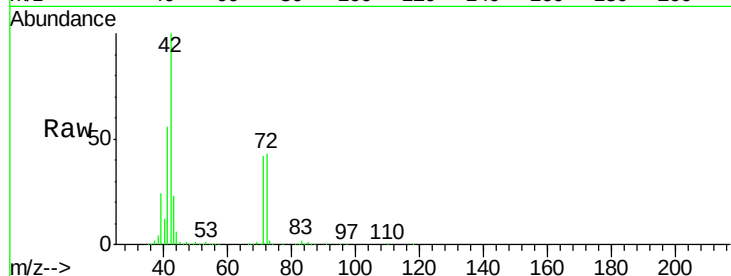




#29
Tetrahydrofuran
Concen: 228.24 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

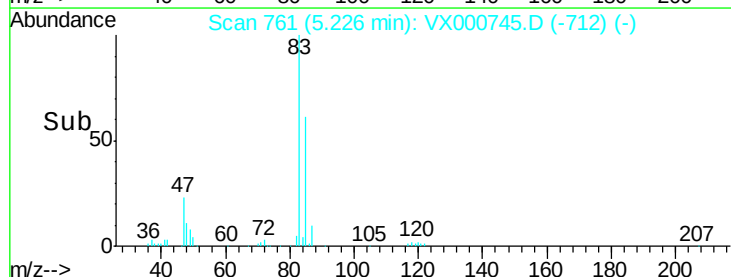
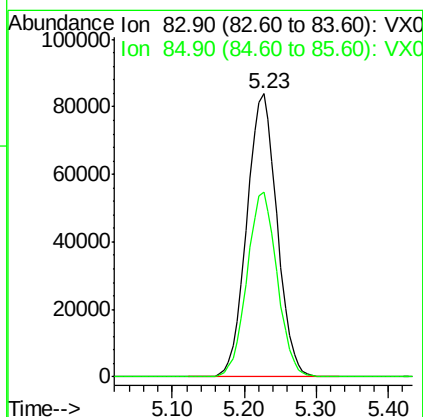
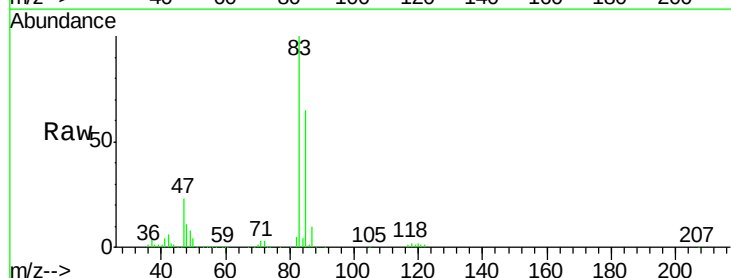
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

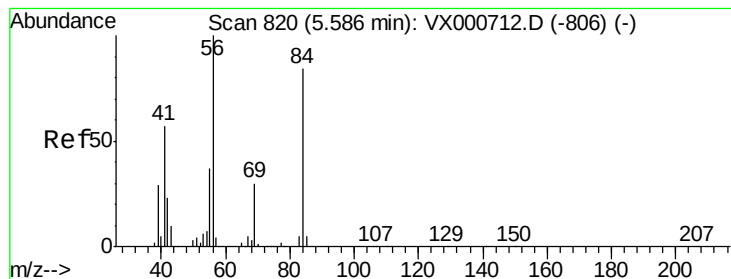
Tgt Ion: 42 Resp: 289370
Ion Ratio Lower Upper
42 100
72 44.2 34.4 51.6
71 41.6 32.0 48.0



#30
Chloroform
Concen: 48.82 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 83 Resp: 244886
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5





#31

Cyclohexane

Concen: 50.17 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

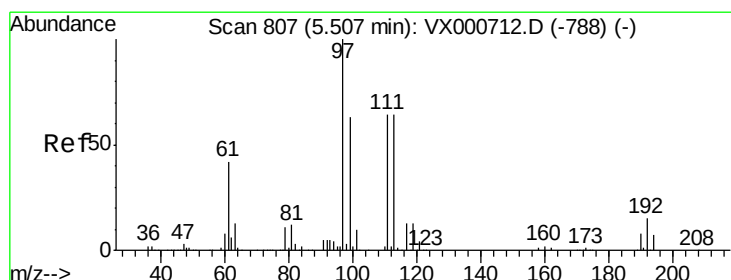
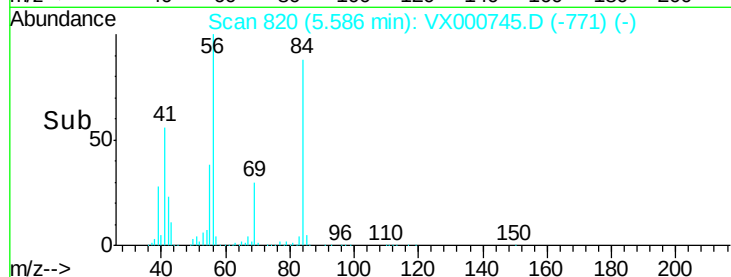
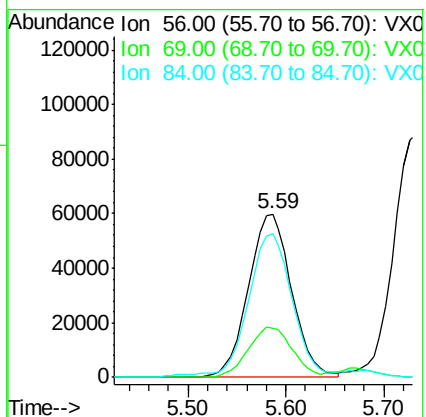
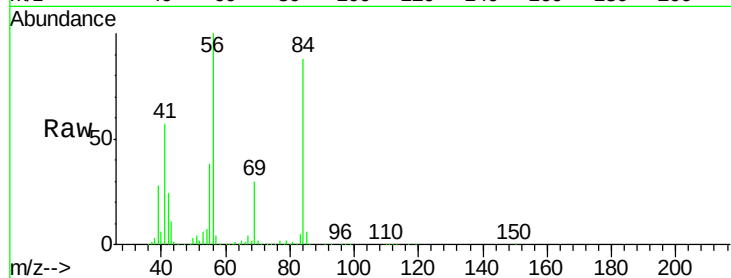
Tgt Ion: 56 Resp: 183404

Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 86.1 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 48.24 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

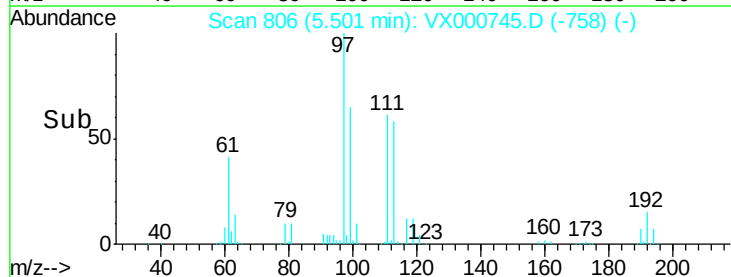
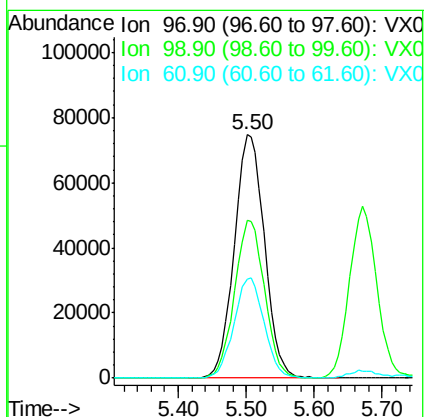
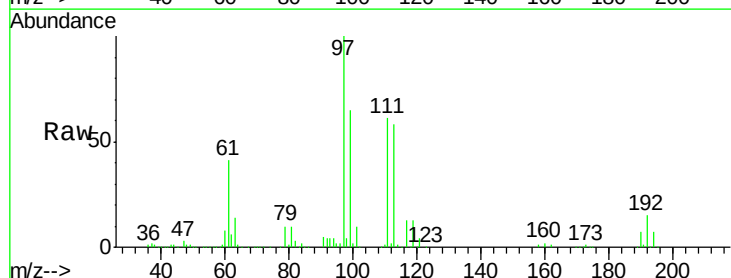
Tgt Ion: 97 Resp: 230593

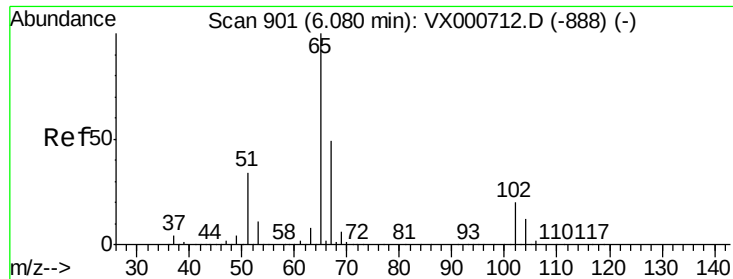
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 41.2 34.2 51.4

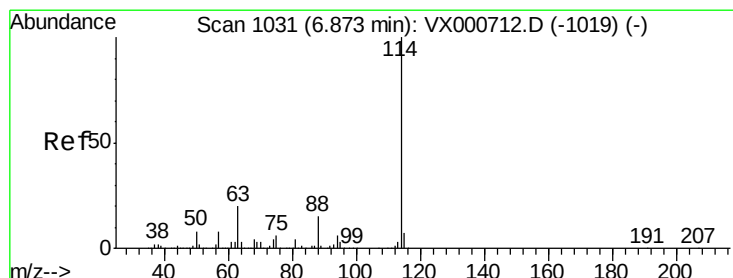
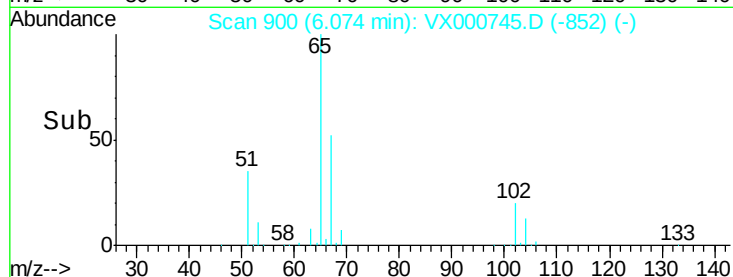
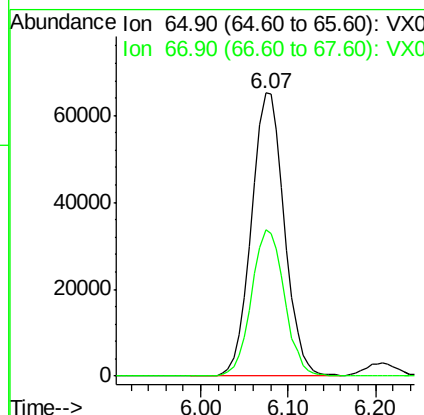
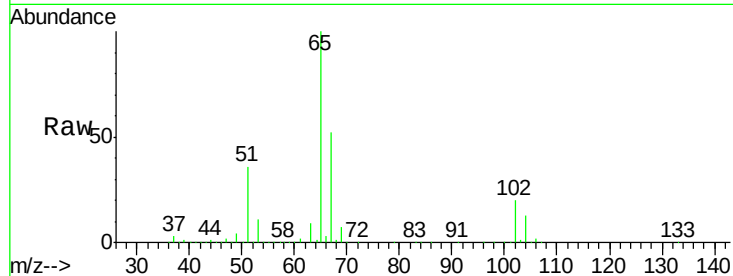




#33
 1,2-Dichloroethane-d4
 Concen: 46.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

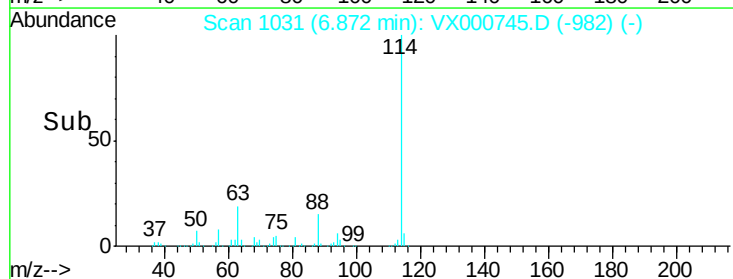
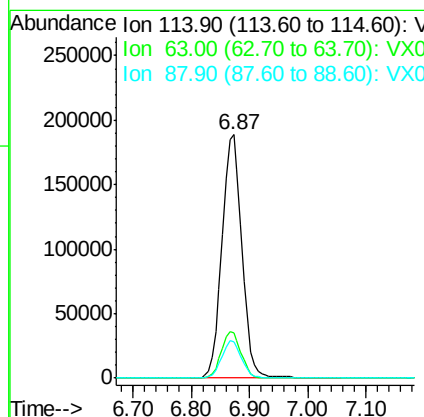
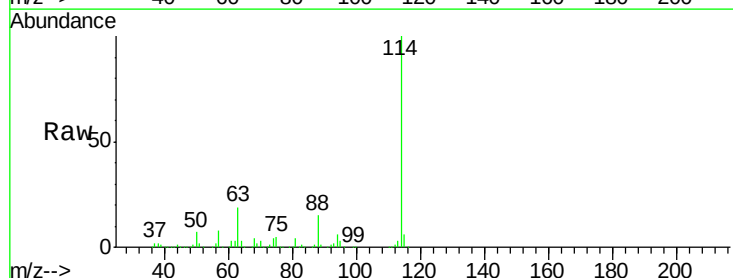
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

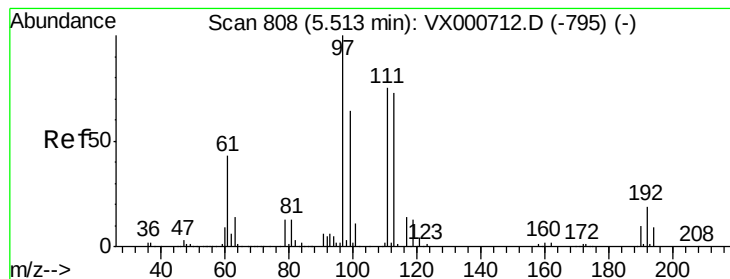
Tgt Ion: 65 Resp: 169986
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion: 114 Resp: 447330
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

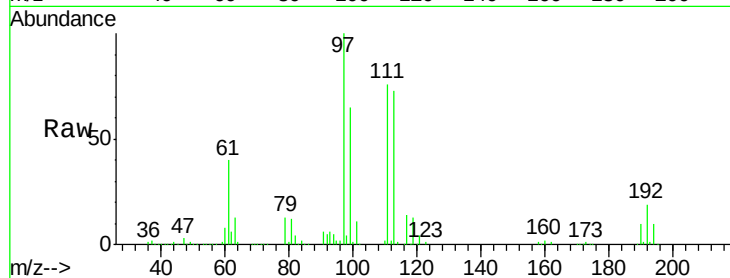
Tgt Ion:113 Resp: 146203

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

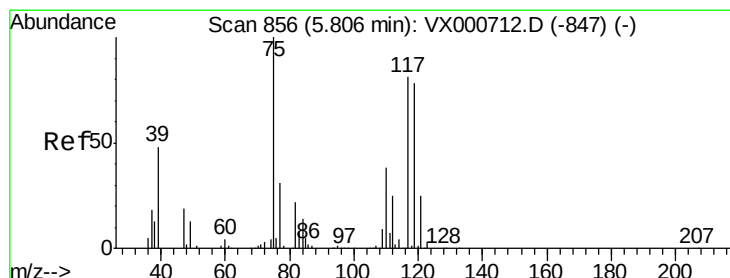
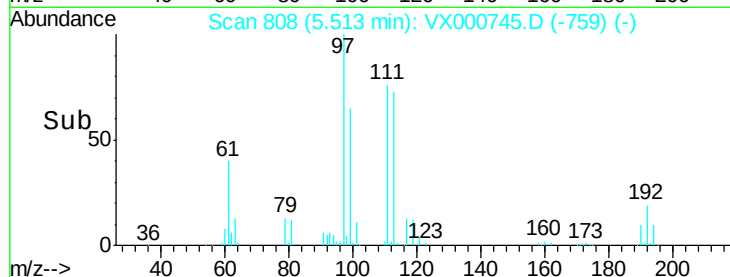
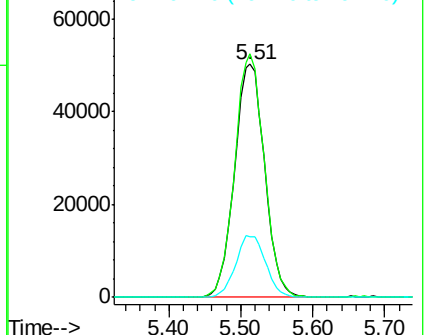
192 26.2 20.0 30.0



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: 45.49 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

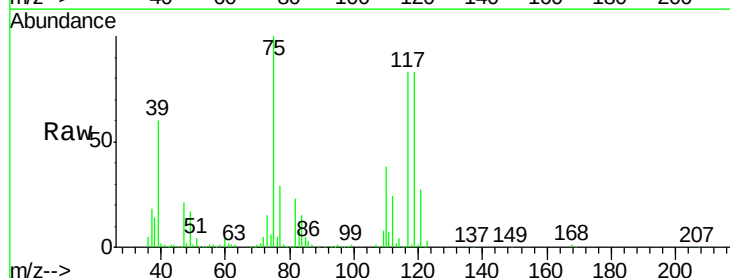
Tgt Ion: 75 Resp: 174289

Ion Ratio Lower Upper

75 100

110 38.3 18.6 56.0

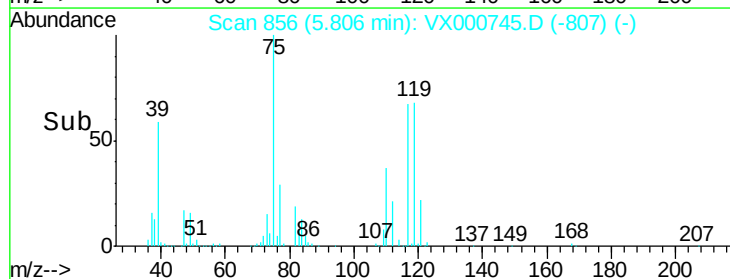
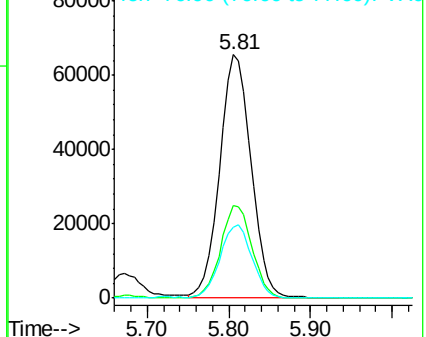
77 30.6 24.6 37.0

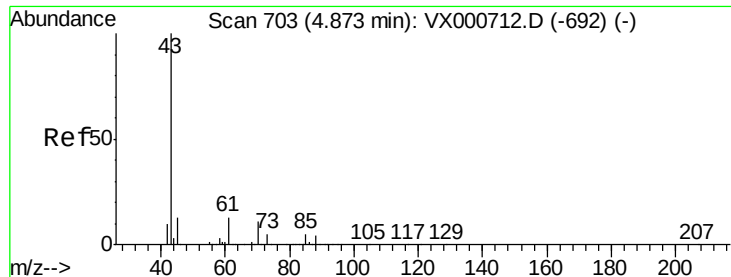


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

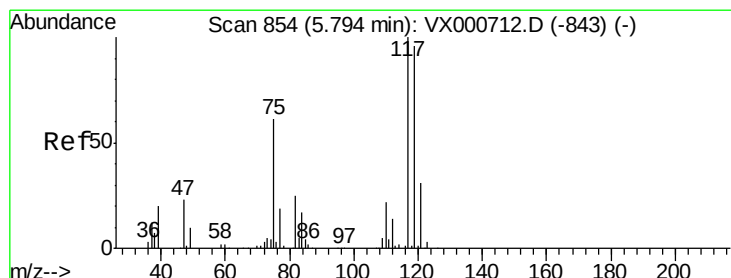
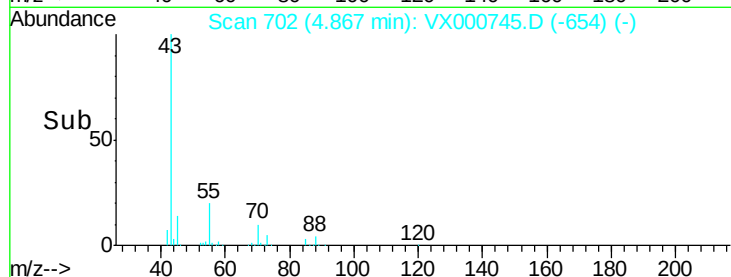
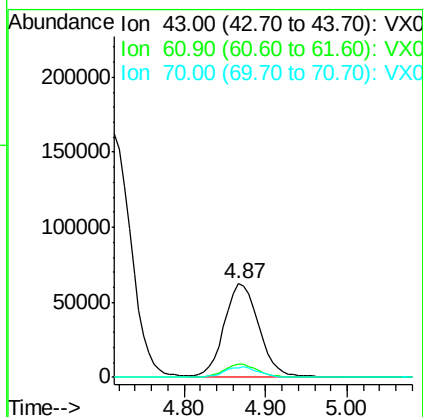
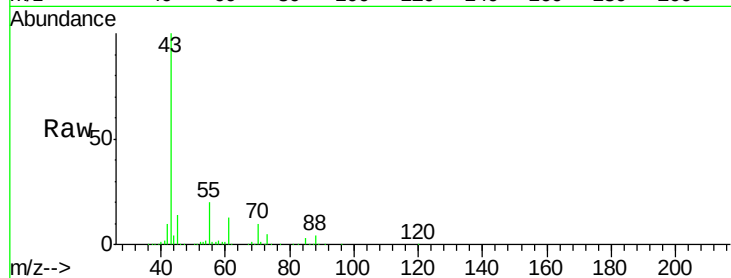




#37
Ethyl Acetate
Concen: 44.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

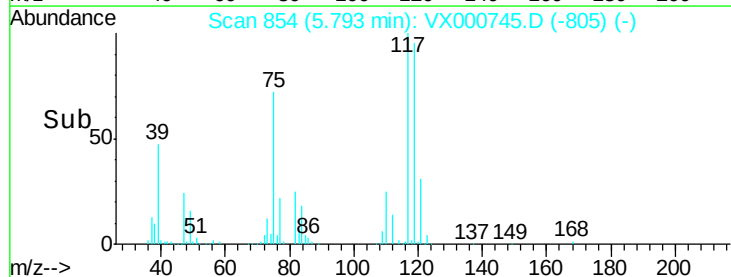
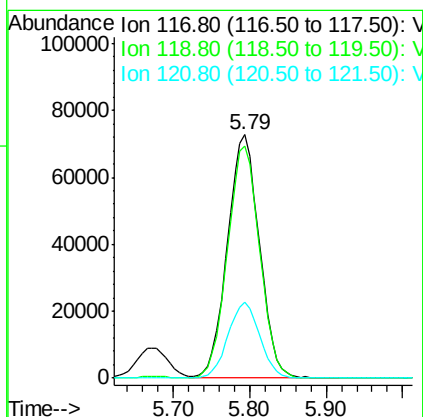
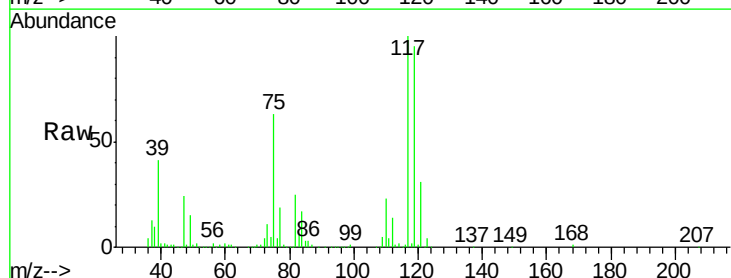
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

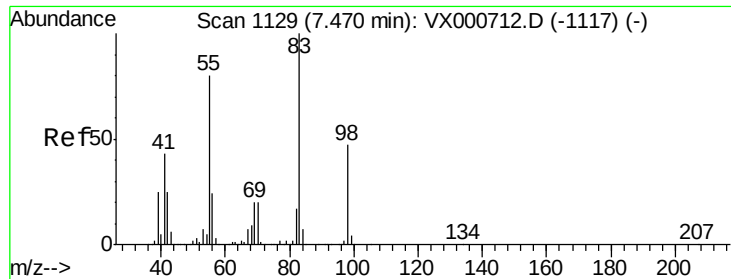
Tgt Ion: 43 Resp: 182284
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 11.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.80 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 117 Resp: 210111
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 31.1 24.7 37.1

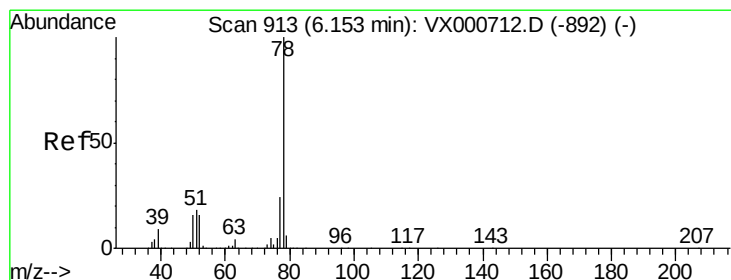
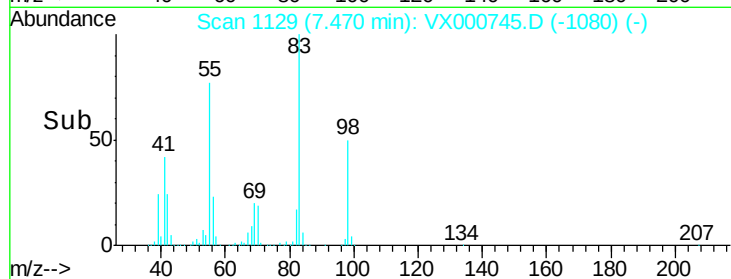
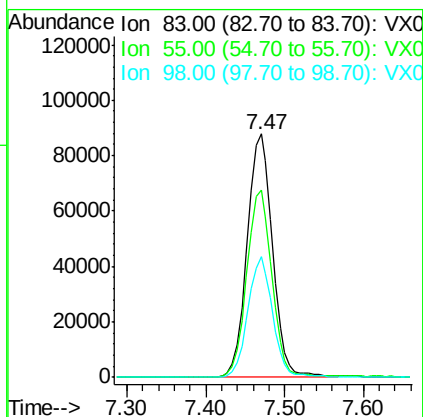
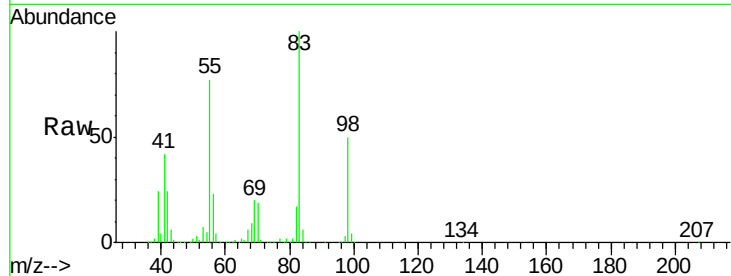




#39
Methylcyclohexane
Concen: 48.43 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

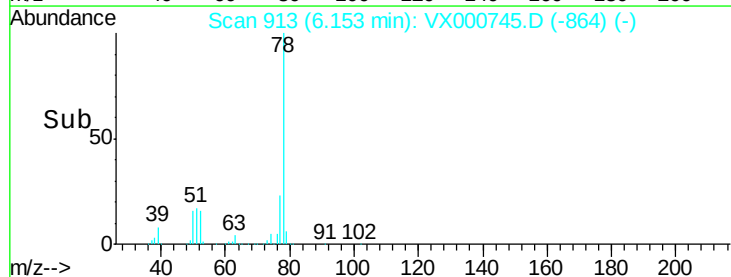
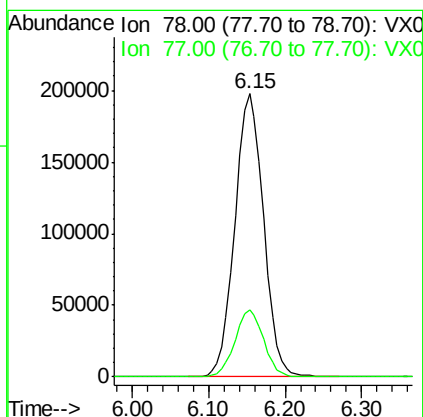
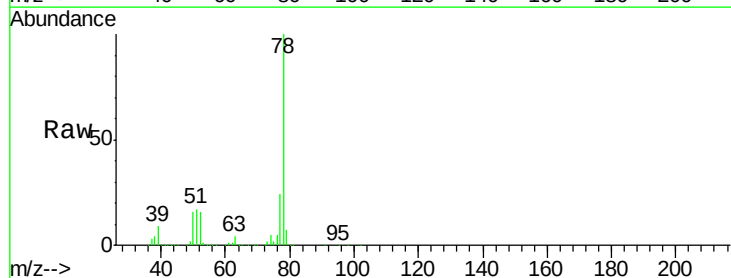
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

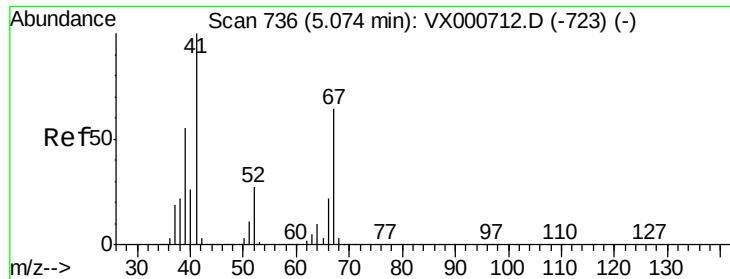
Tgt Ion: 83 Resp: 196563
Ion Ratio Lower Upper
83 100
55 76.6 63.7 95.5
98 49.7 37.2 55.8



#40
Benzene
Concen: 47.75 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 78 Resp: 514607
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

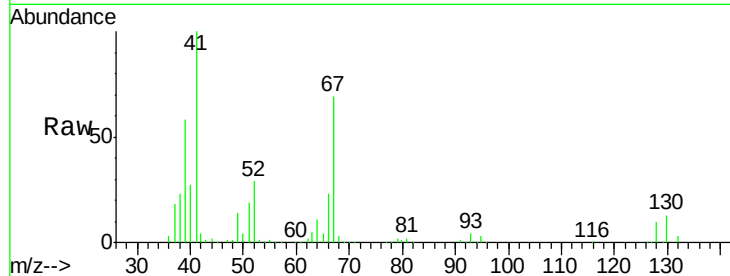




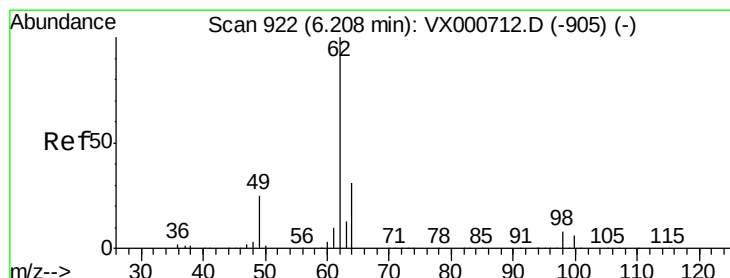
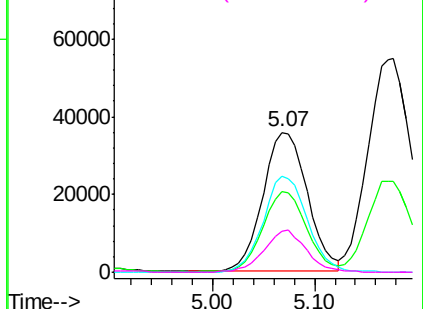
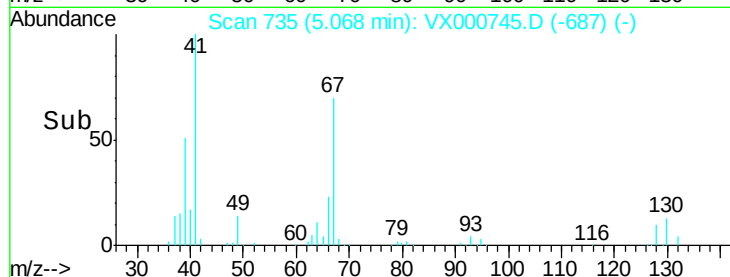
#41
Methacrylonitrile
Concen: 45.33 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	108587
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.3	67.9
67	68.4	52.7	79.1
52	28.2	22.3	33.5

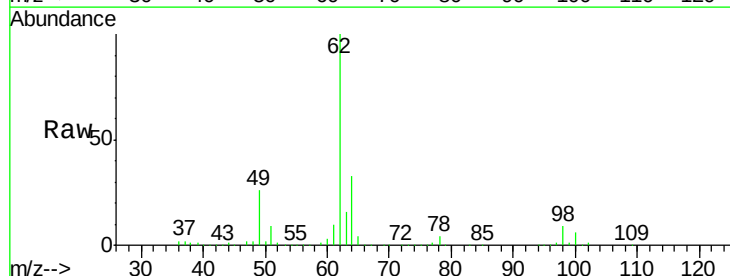


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

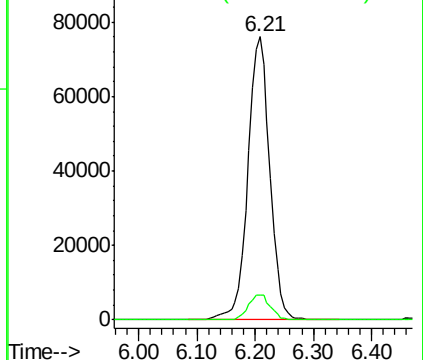
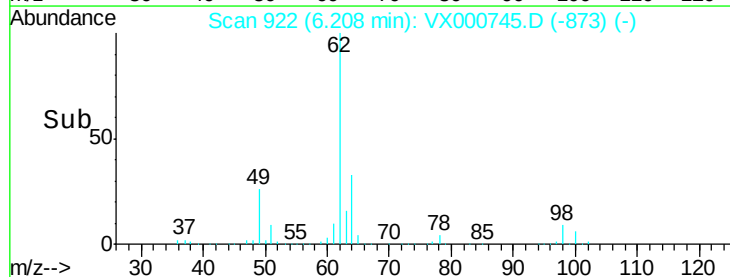


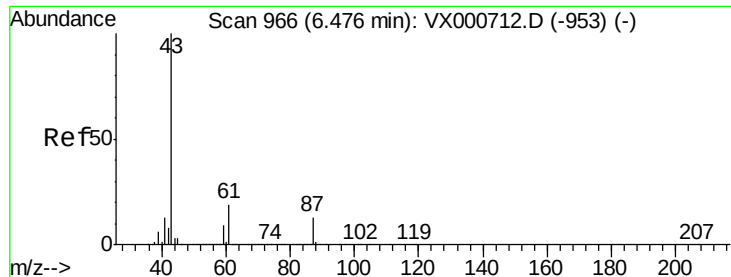
#42
1,2-Dichloroethane
Concen: 46.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:	62	Resp:	197463
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 45.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

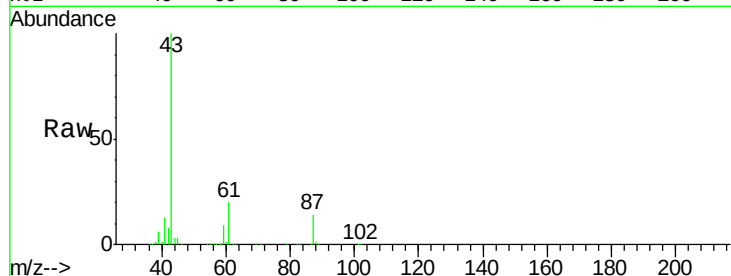
Tgt Ion: 43 Resp: 324462

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

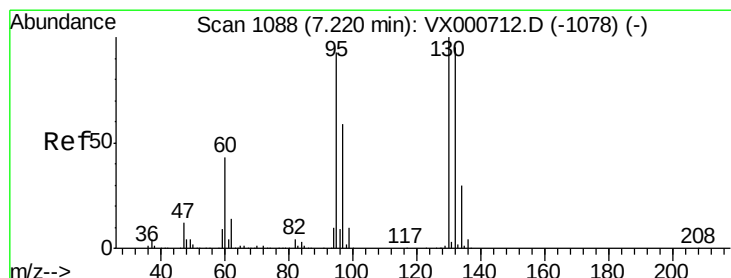
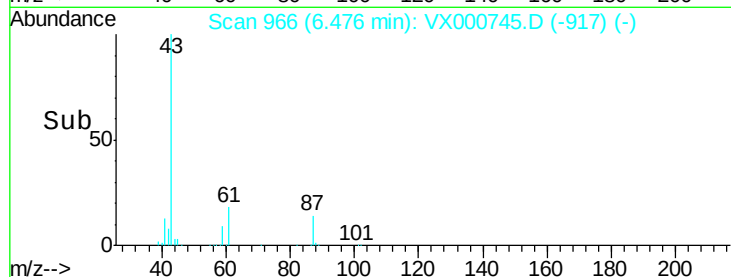
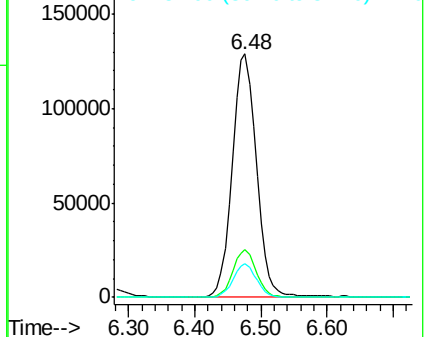
87 13.4 10.4 15.6



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: 48.89 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000745.D

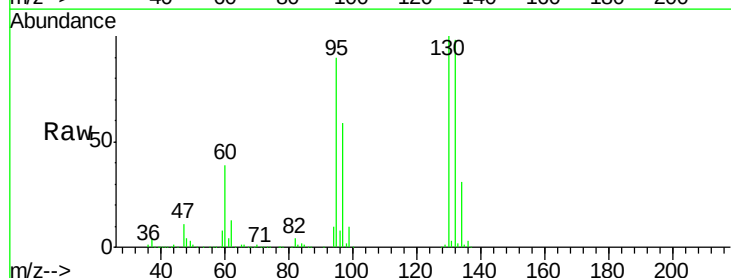
Acq: 08 Apr 2018 21:10

Tgt Ion: 130 Resp: 160113

Ion Ratio Lower Upper

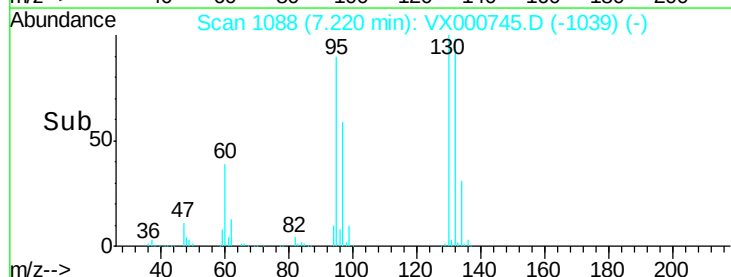
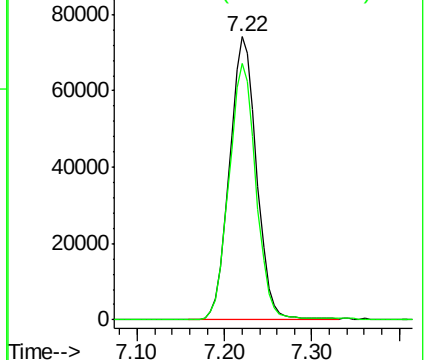
130 100

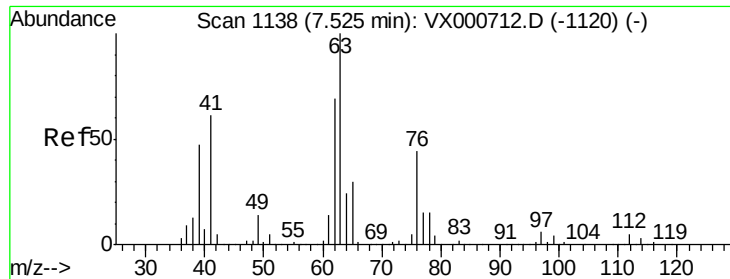
95 90.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

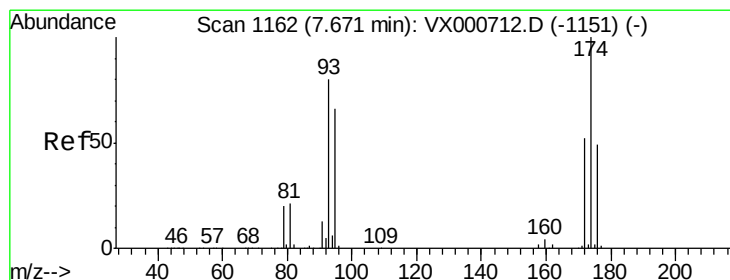
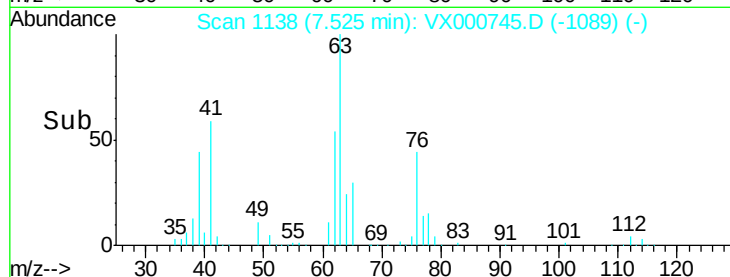
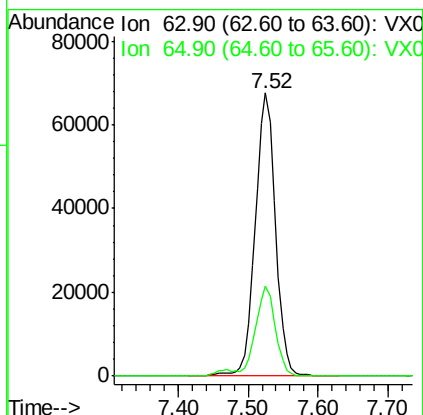
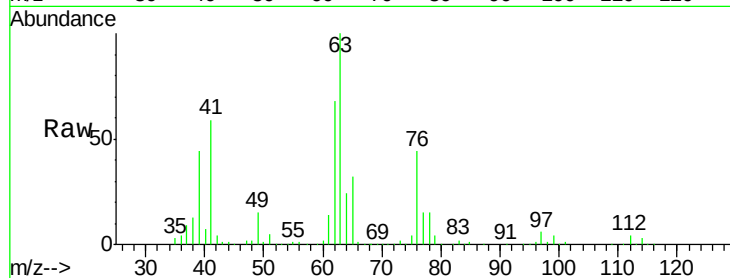




#45
 1,2-Dichloropropane
 Concen: 47.09 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

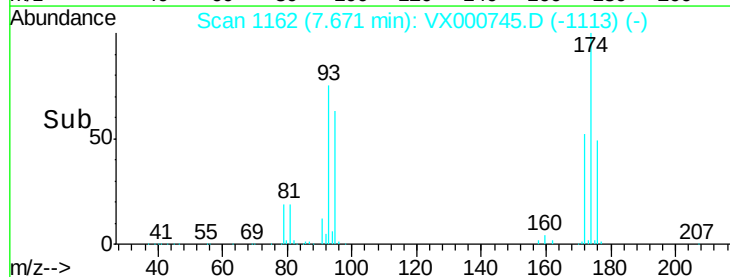
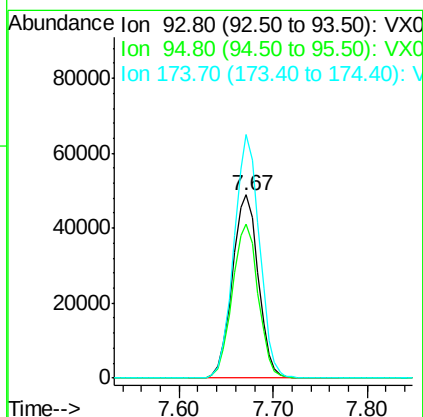
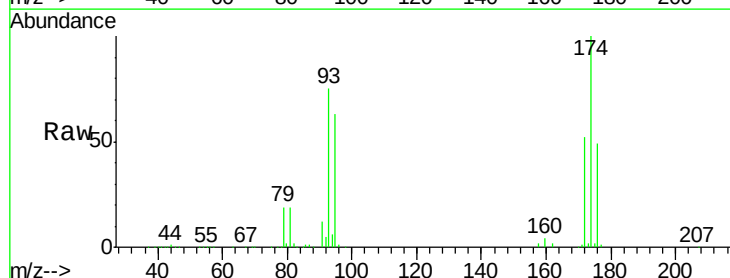
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

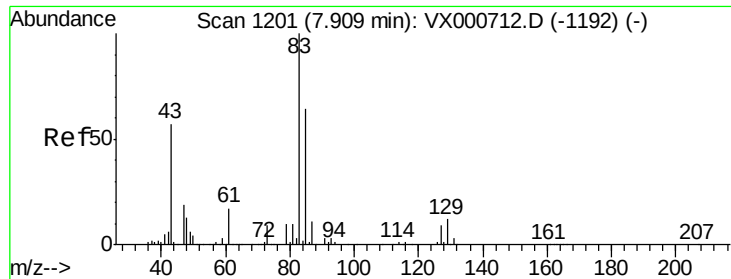
Tgt Ion: 63 Resp: 136055
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.2 36.2



#46
 Dibromomethane
 Concen: 46.82 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion: 93 Resp: 93891
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.0 99.0
 174 129.5 100.2 150.2





#47

Bromodichloromethane

Concen: 47.58 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

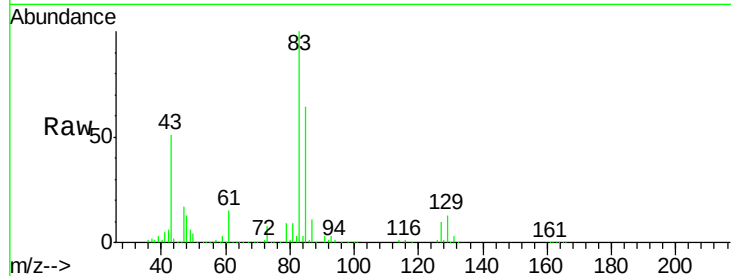
Tgt Ion: 83 Resp: 197438

Ion Ratio Lower Upper

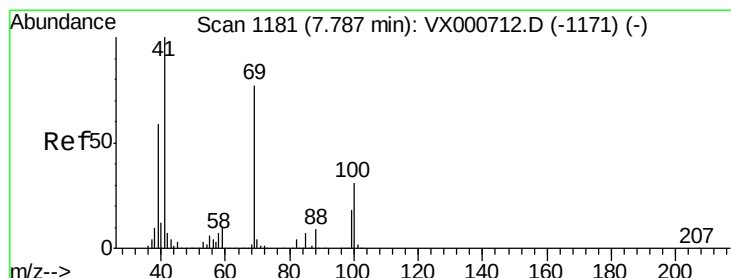
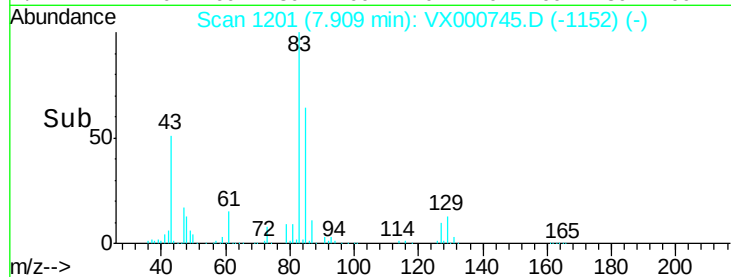
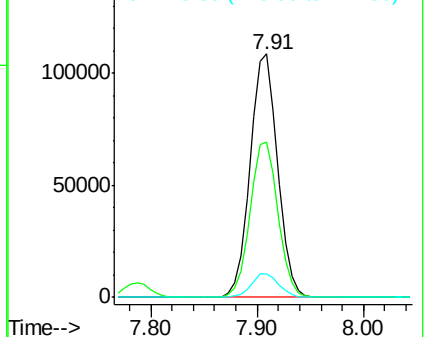
83 100

85 63.7 51.0 76.4

127 9.7 7.4 11.2



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



#48

Methyl methacrylate

Concen: 46.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

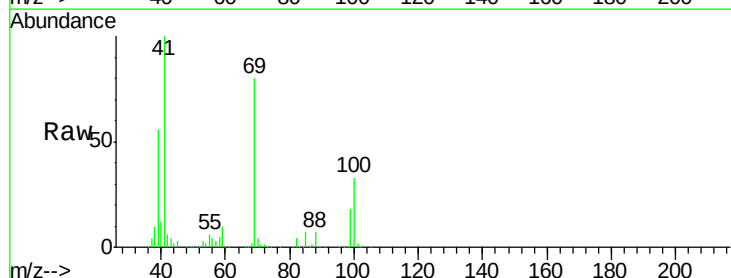
Tgt Ion: 41 Resp: 167578

Ion Ratio Lower Upper

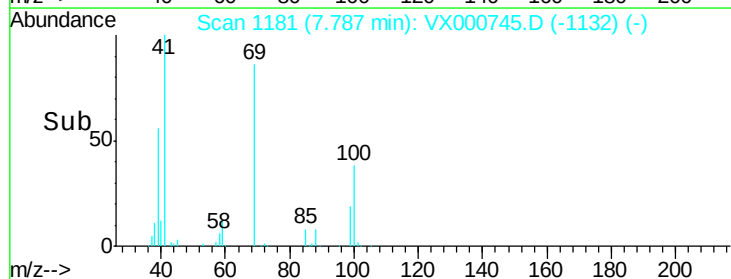
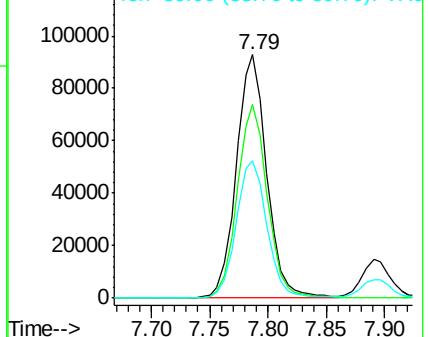
41 100

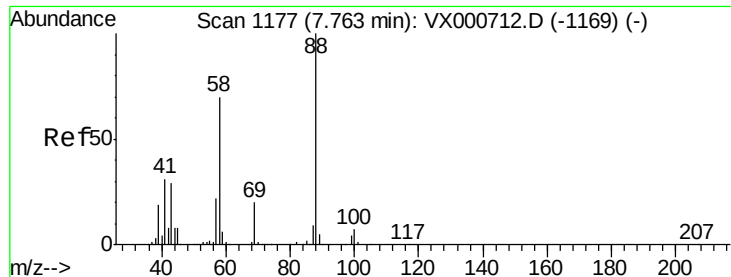
69 79.5 62.0 93.0

39 57.2 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: 846.02 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

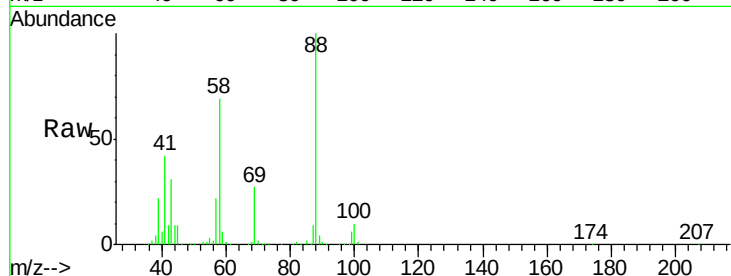
Tgt Ion: 88 Resp: 60839

Ion Ratio Lower Upper

88 100

43 33.8 27.9 41.9

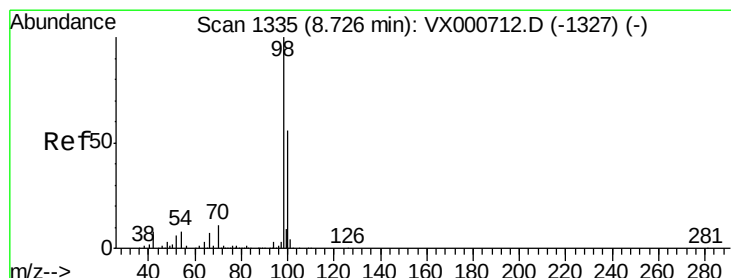
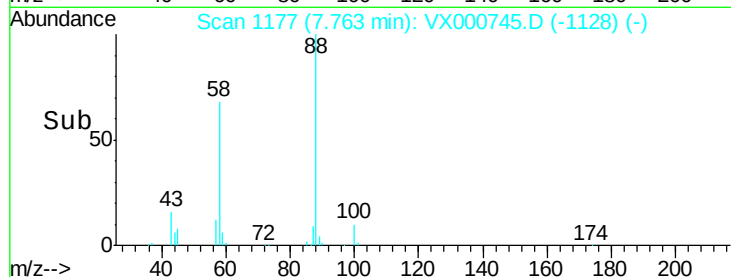
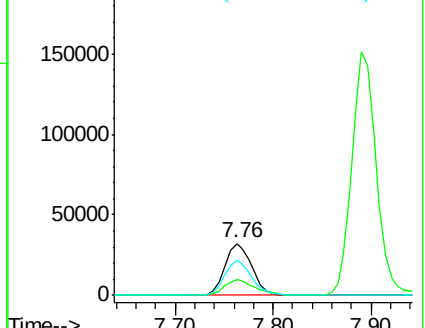
58 69.7 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.87 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000745.D

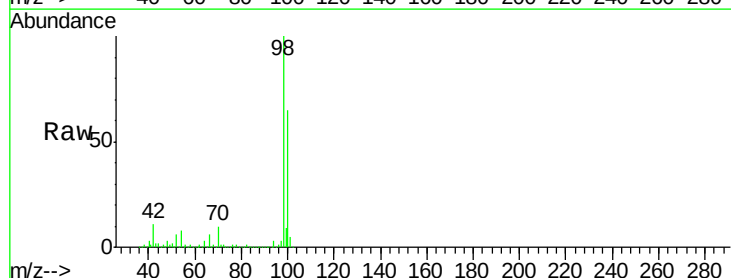
Acq: 08 Apr 2018 21:10

Tgt Ion: 98 Resp: 535457

Ion Ratio Lower Upper

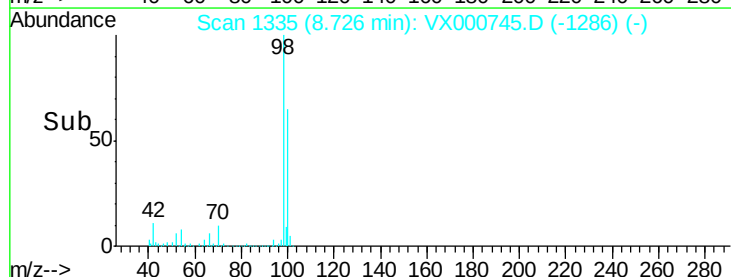
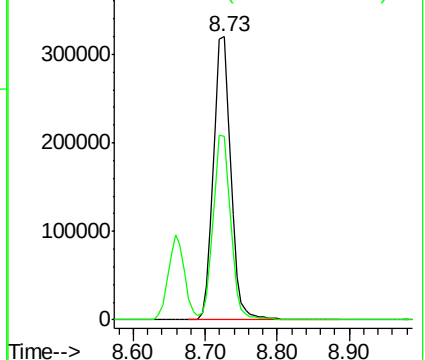
98 100

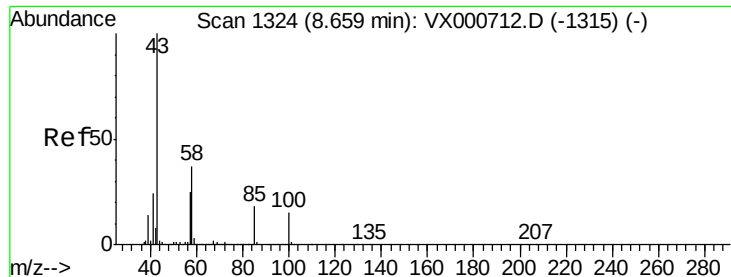
100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 230.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

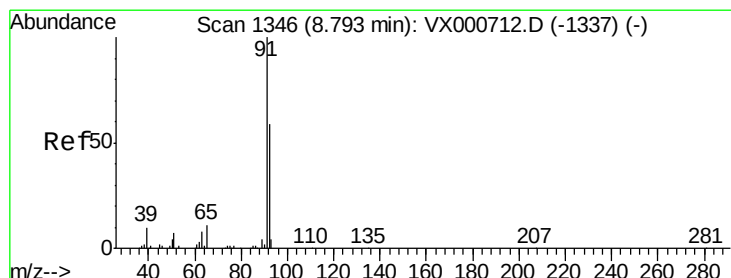
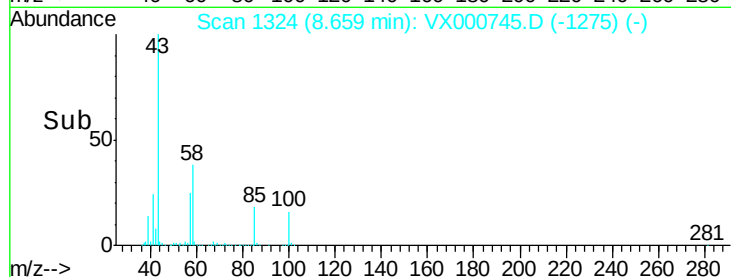
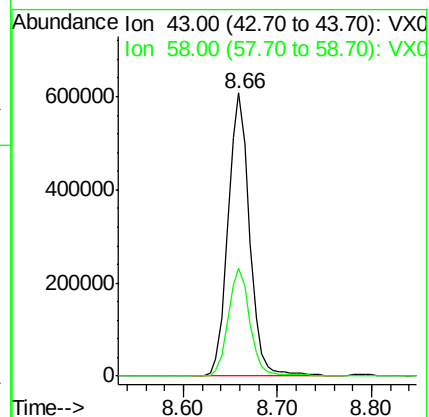
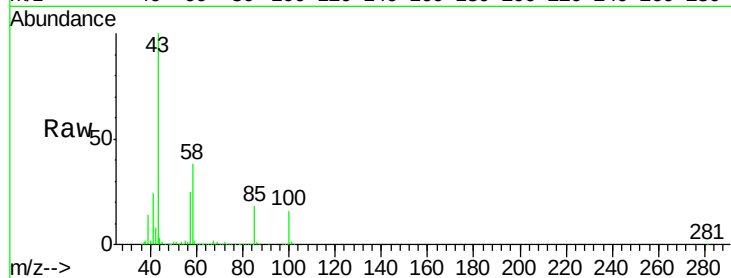
VSTDCCC050EC

Tgt Ion: 43 Resp: 961880

Ion Ratio Lower Upper

43 100

58 37.8 30.6 46.0



#52

Toluene

Concen: 47.60 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000745.D

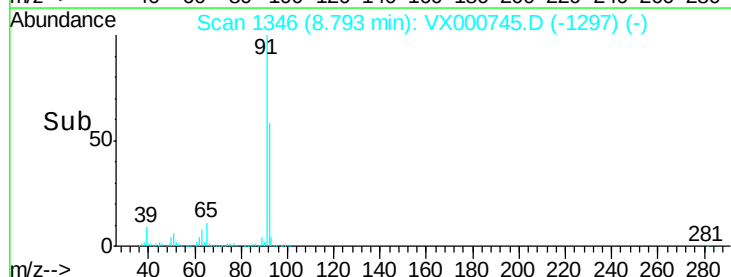
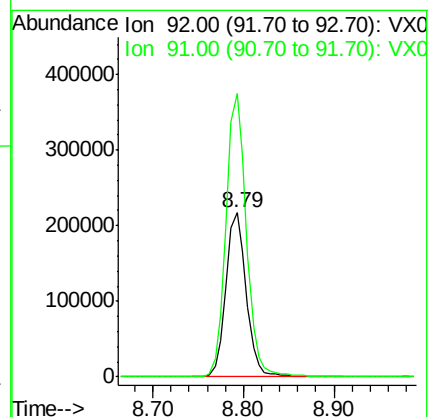
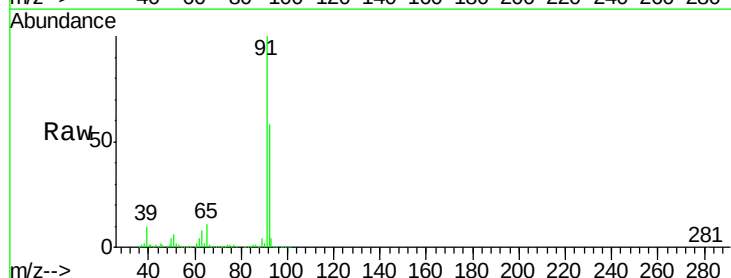
Acq: 08 Apr 2018 21:10

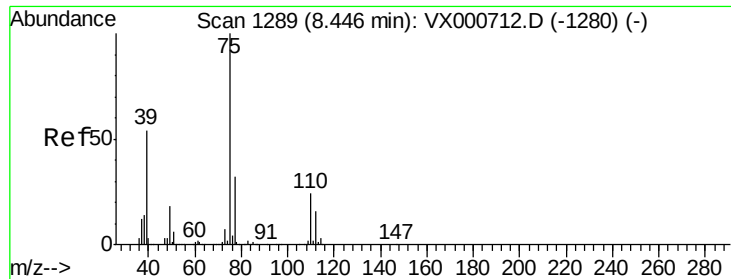
Tgt Ion: 92 Resp: 342004

Ion Ratio Lower Upper

92 100

91 172.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 46.73 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

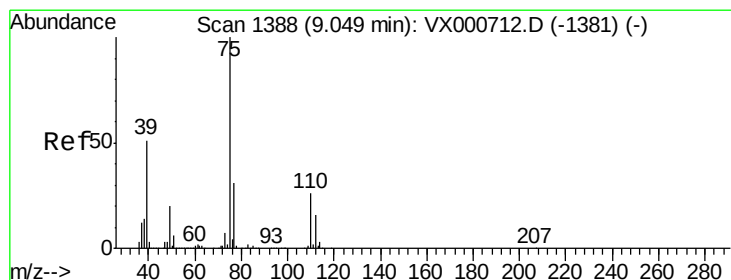
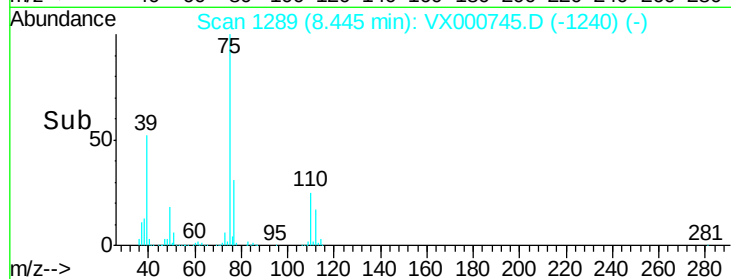
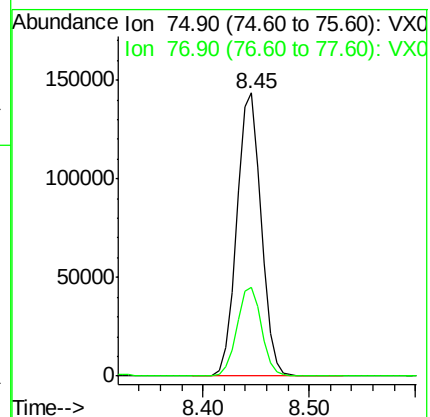
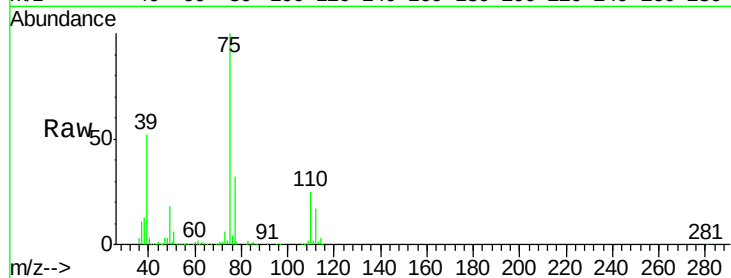
VSTDCCC050EC

Tgt Ion: 75 Resp: 230752

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.06 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

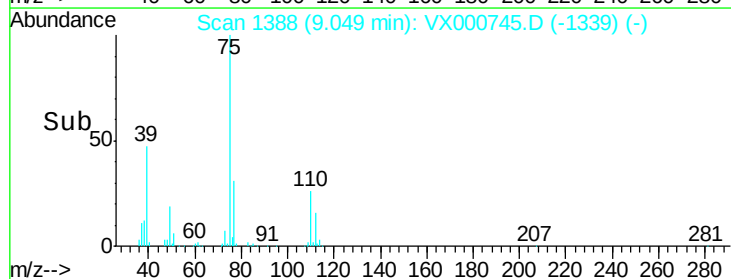
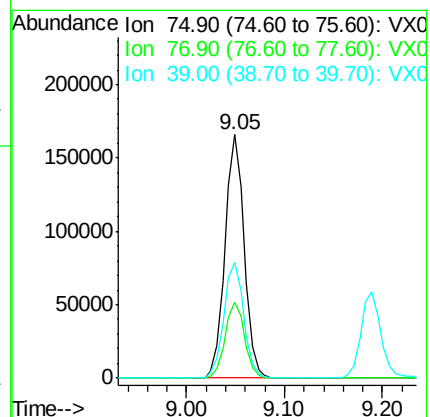
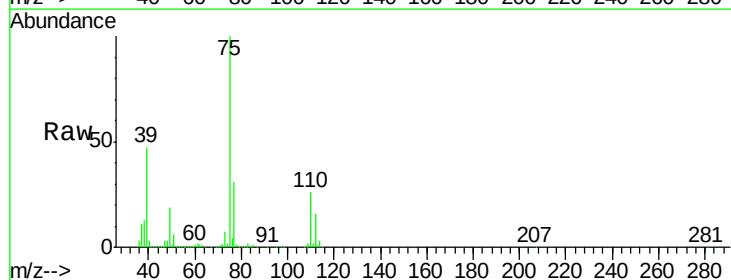
Tgt Ion: 75 Resp: 225868

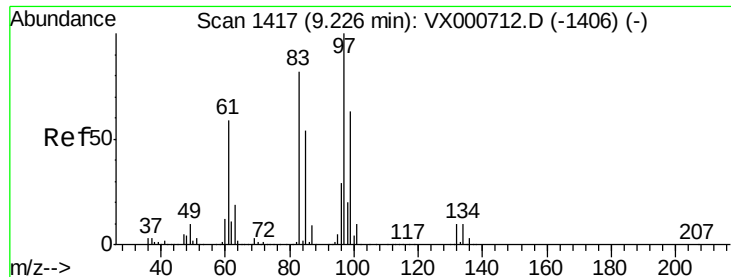
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 47.2 40.5 60.7

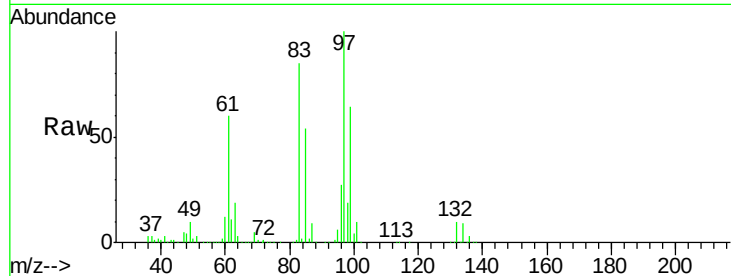




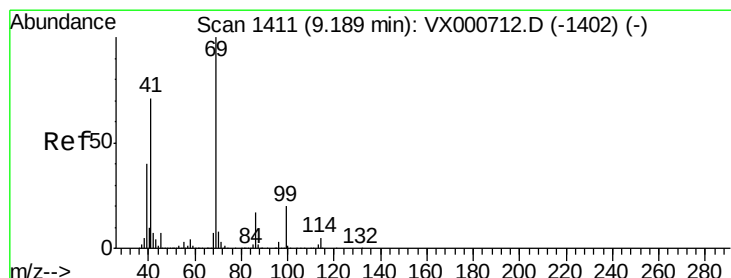
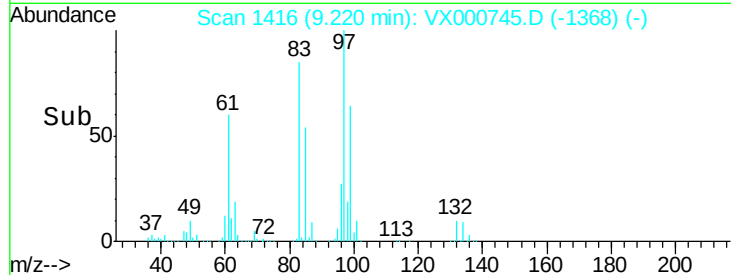
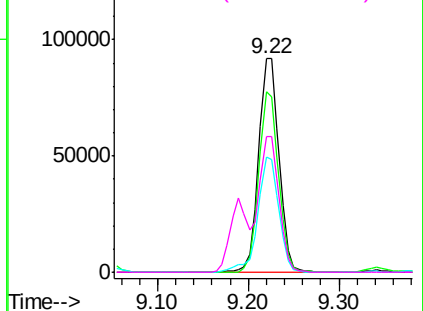
#55
 1,1,2-Trichloroethane
 Concen: 48.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	142976
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.7	98.5
85	54.2	42.8	64.2
99	63.7	50.6	76.0

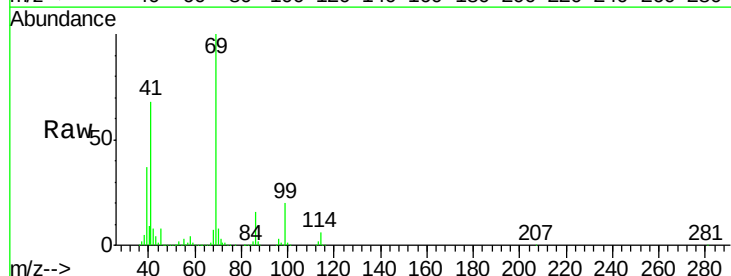


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

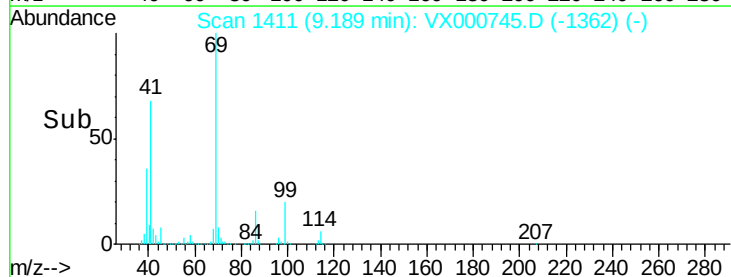
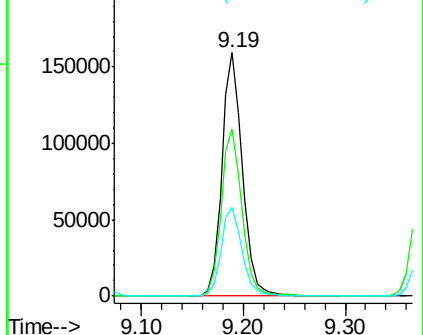


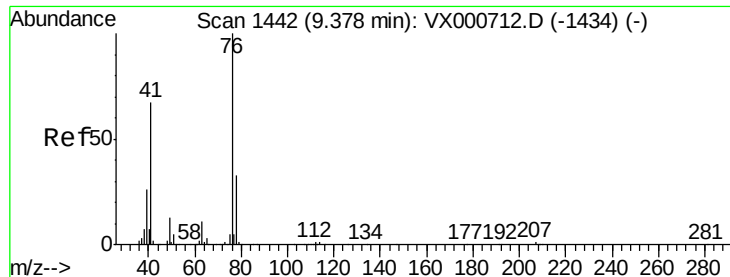
#56
 Ethyl methacrylate
 Concen: 47.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion:	69	Resp:	221779
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.4	84.6
39	37.1	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: 47.66 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

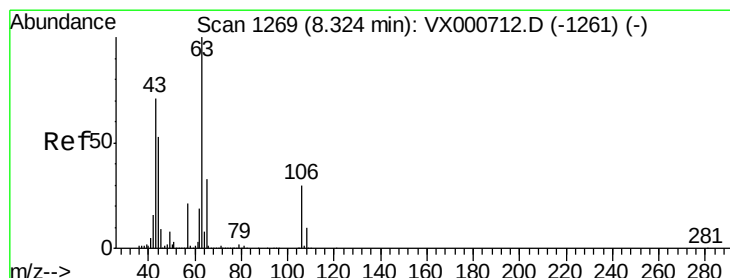
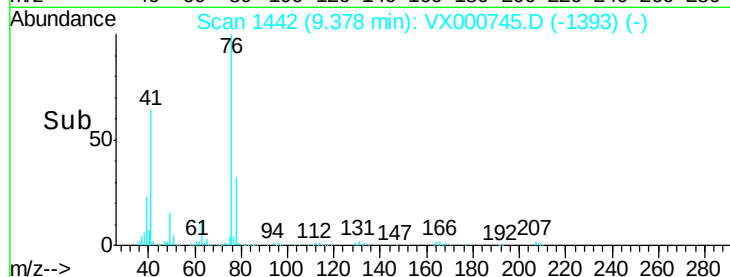
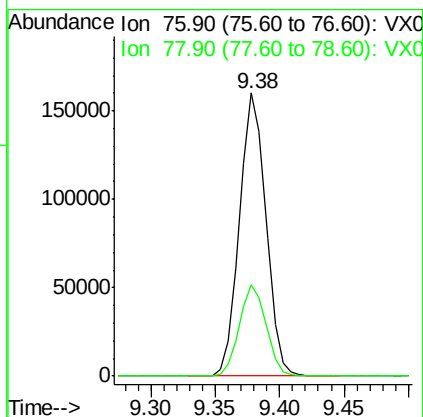
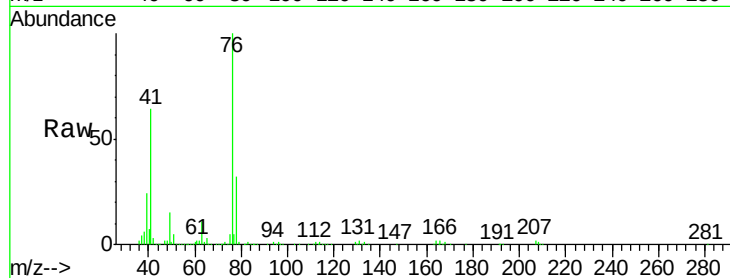
VSTDCCC050EC

Tgt Ion: 76 Resp: 227837

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 246.57 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000745.D

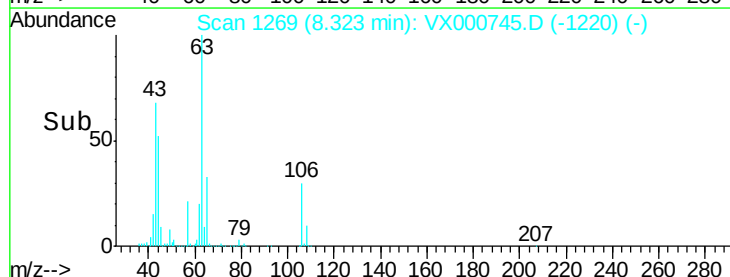
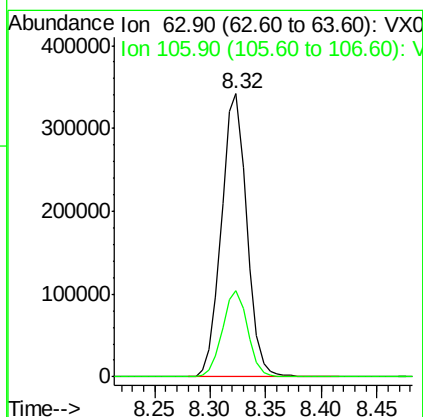
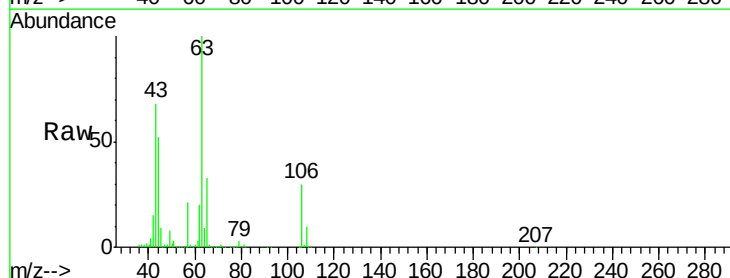
Acq: 08 Apr 2018 21:10

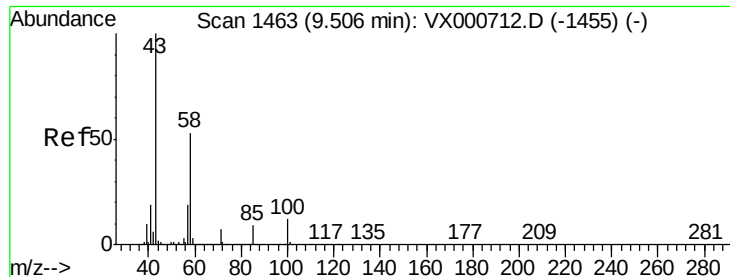
Tgt Ion: 63 Resp: 538154

Ion Ratio Lower Upper

63 100

106 30.5 24.0 36.0

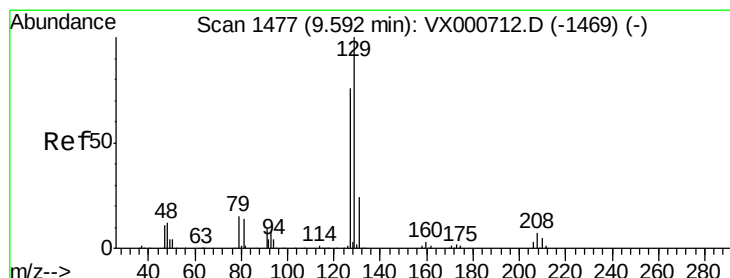
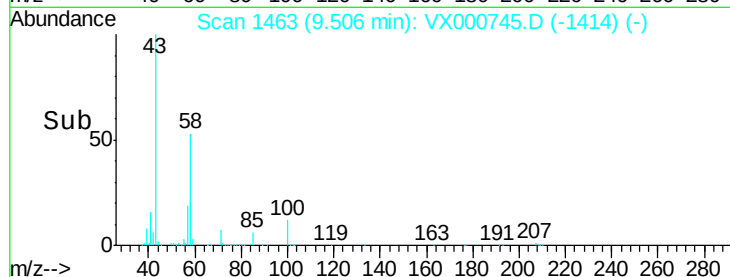
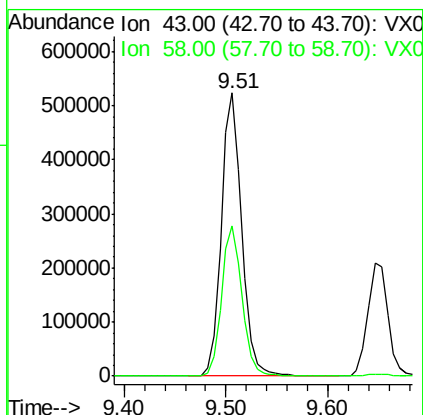
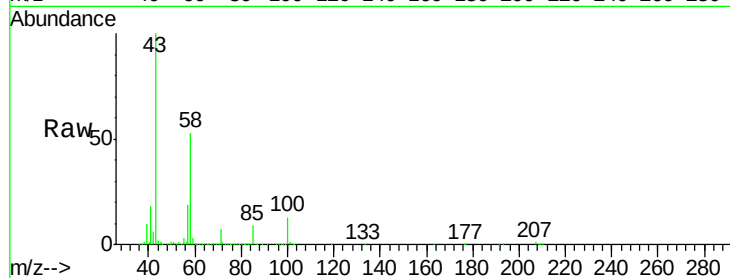




#59
2-Hexanone
Concen: 227.64 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

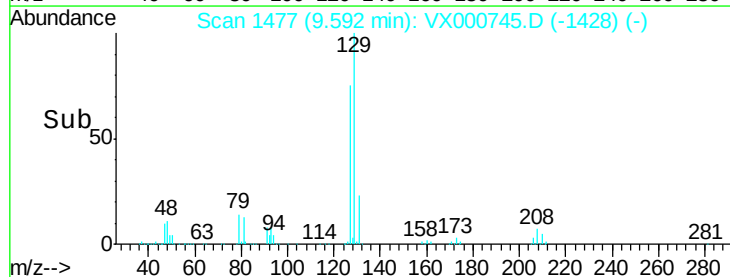
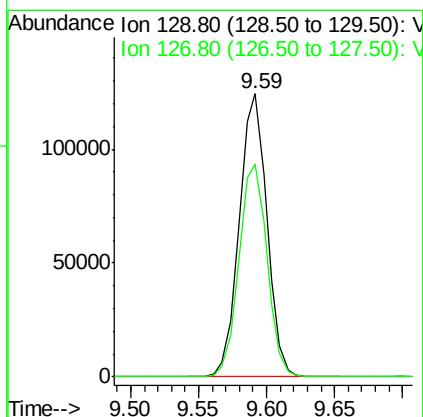
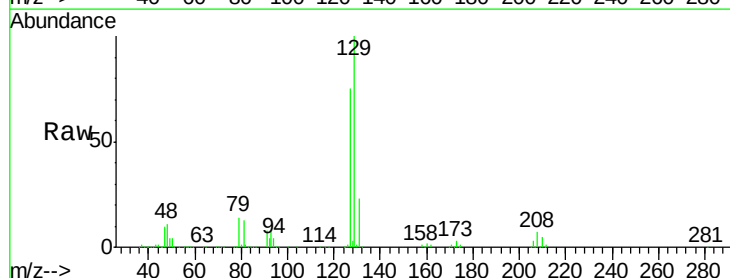
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

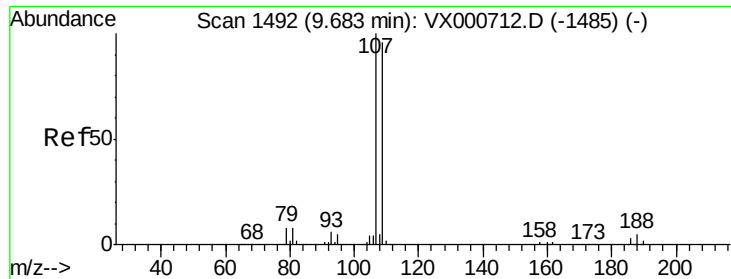
Tgt Ion: 43 Resp: 724905
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8



#60
Dibromochloromethane
Concen: 48.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 129 Resp: 176502
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

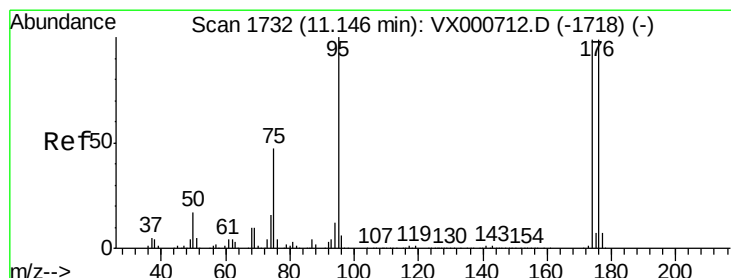
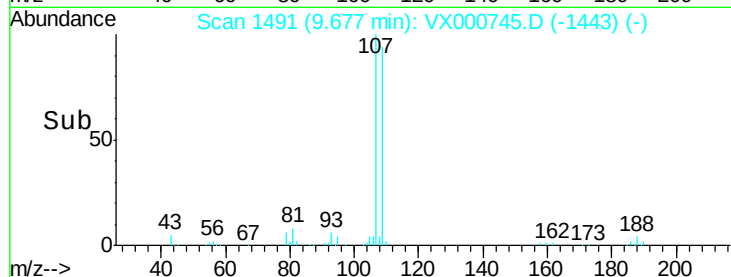
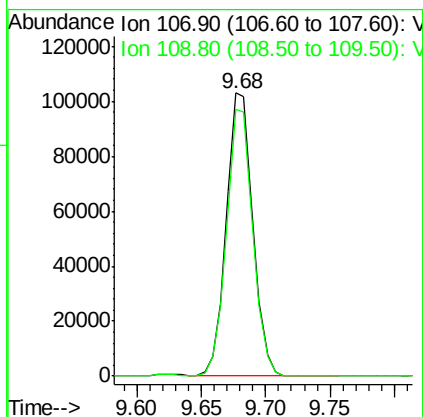
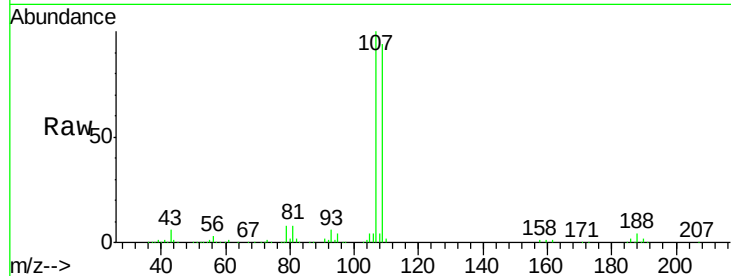




#61
 1,2-Dibromoethane
 Concen: 47.57 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

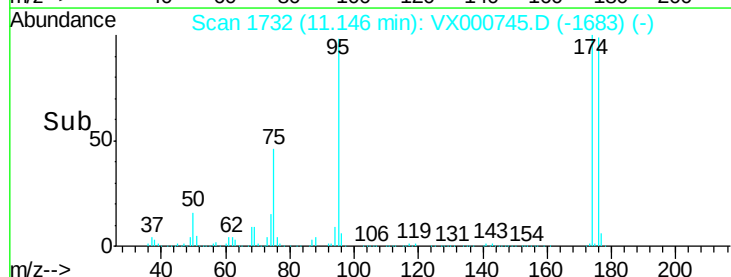
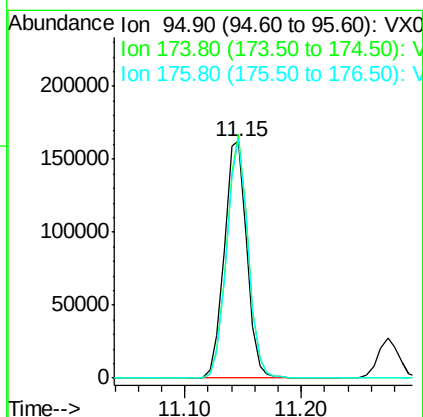
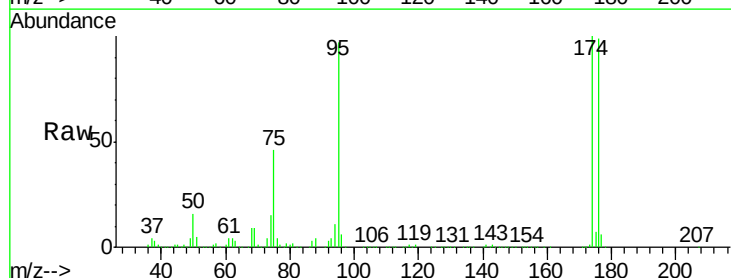
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

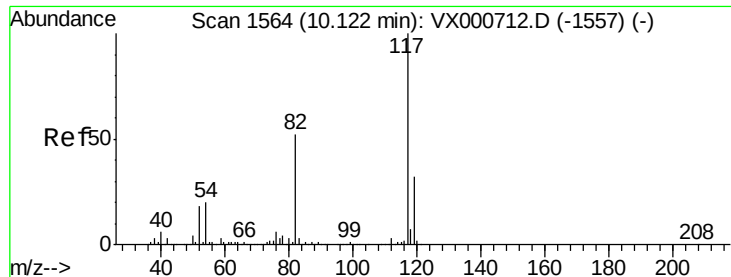
Tgt Ion: 107 Resp: 149286
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 47.52 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion: 95 Resp: 216302
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 191.6
 176 96.2 0.0 187.0

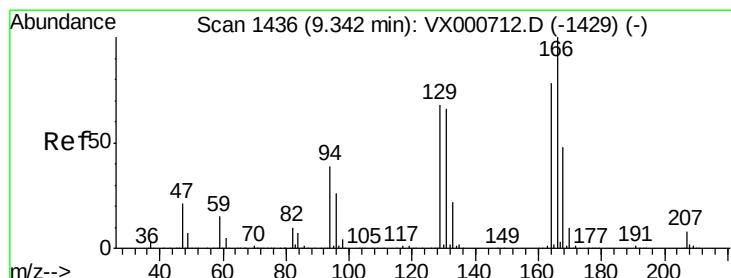
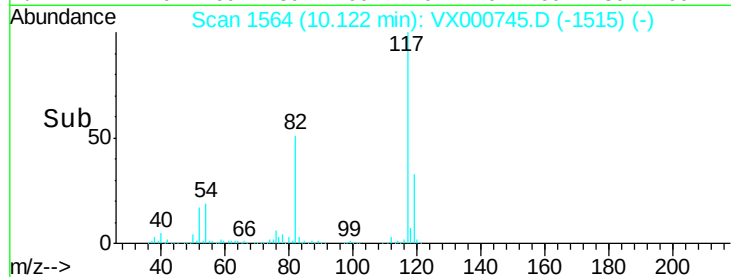
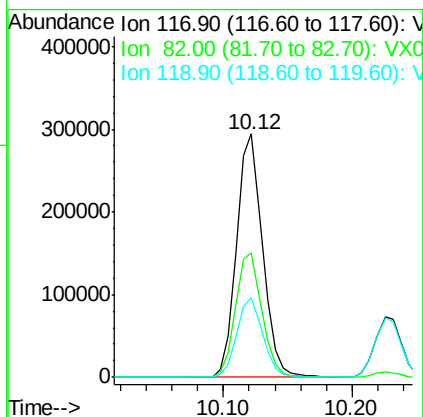
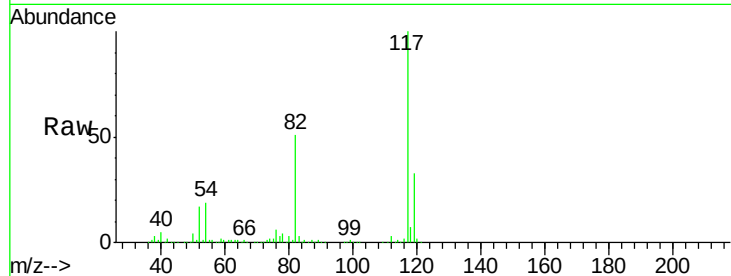




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

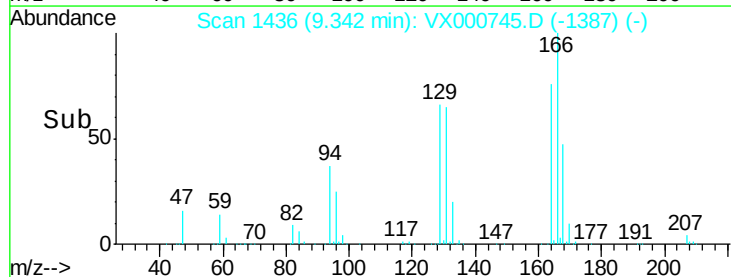
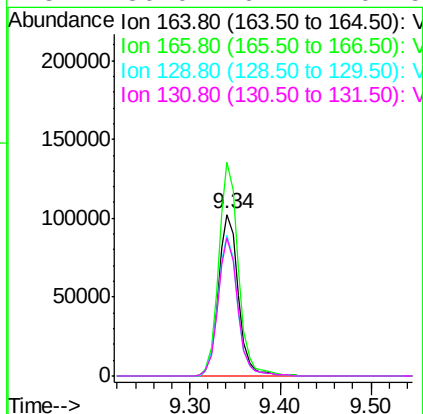
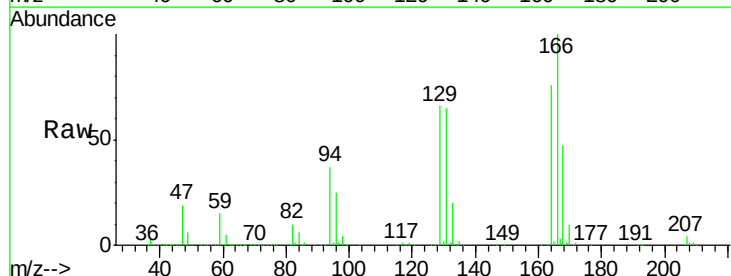
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

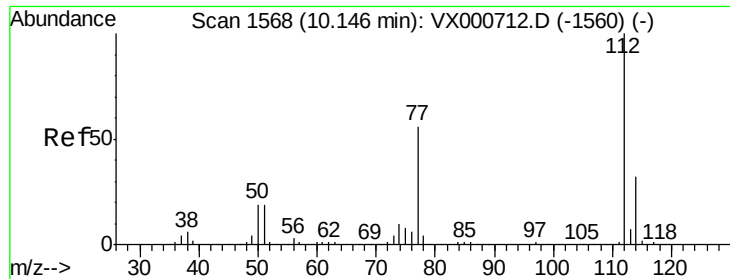
Tgt Ion:117 Resp: 413059
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 48.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:164 Resp: 156600
Ion Ratio Lower Upper
164 100
166 132.4 102.4 153.6
129 87.3 69.3 103.9
131 86.0 67.7 101.5

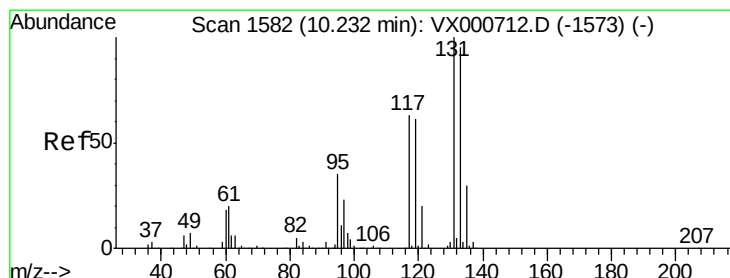
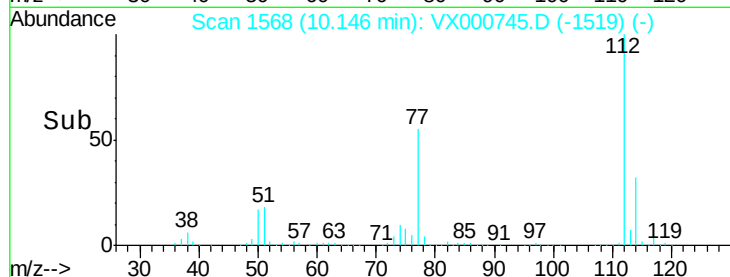
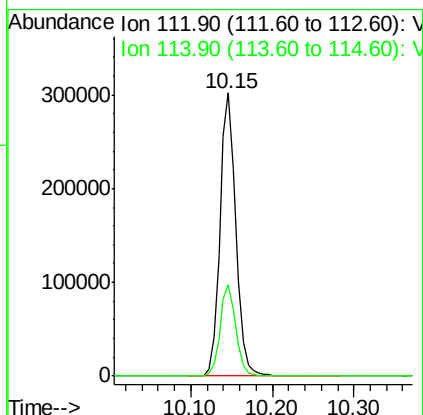
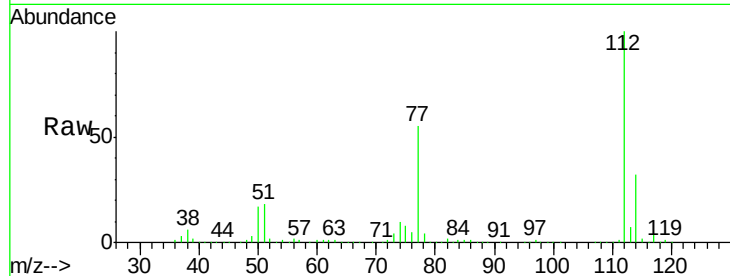




#65
Chlorobenzene
Concen: 48.40 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

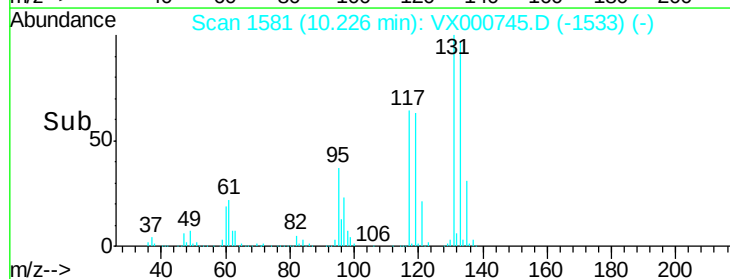
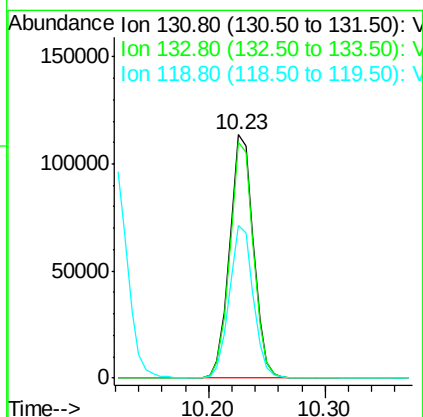
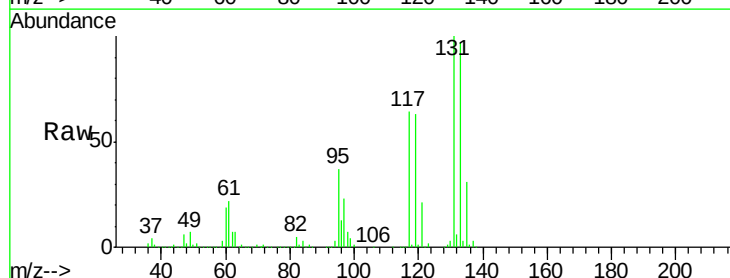
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

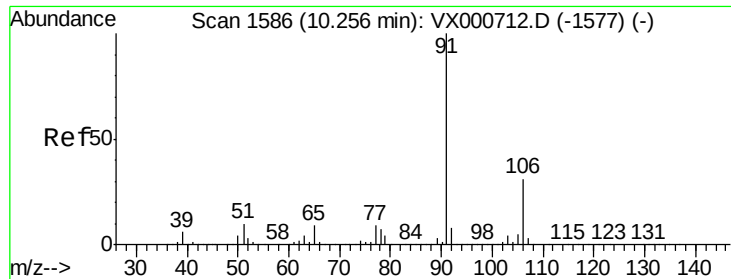
Tgt Ion:112 Resp: 411519
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.73 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:131 Resp: 161755
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 62.9 31.5 94.5

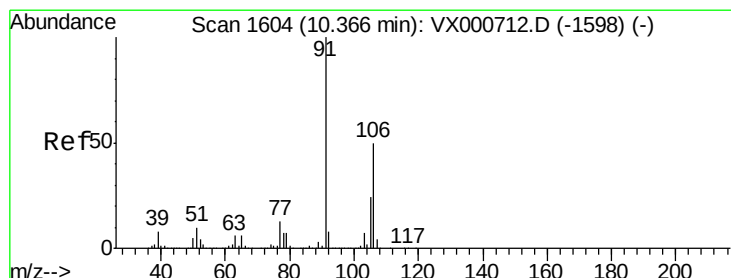
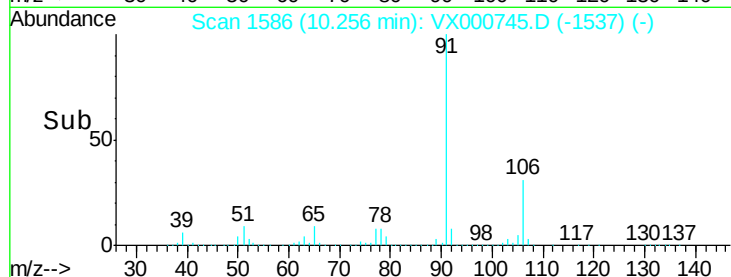
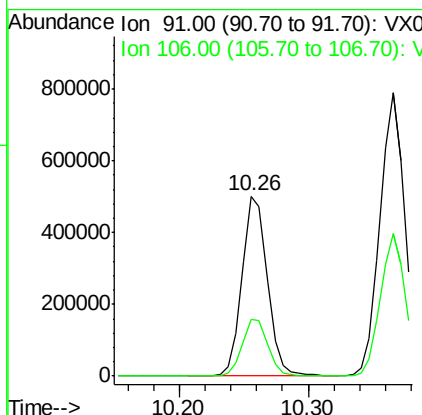
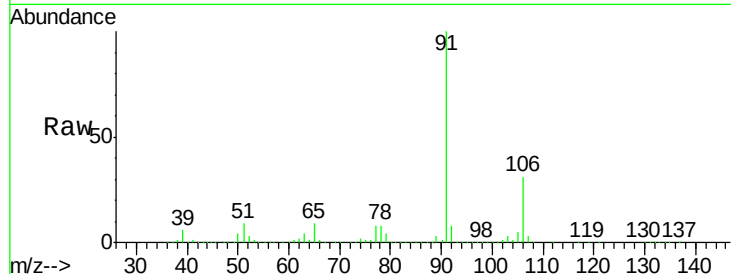




#67
Ethyl Benzene
Concen: 47.83 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

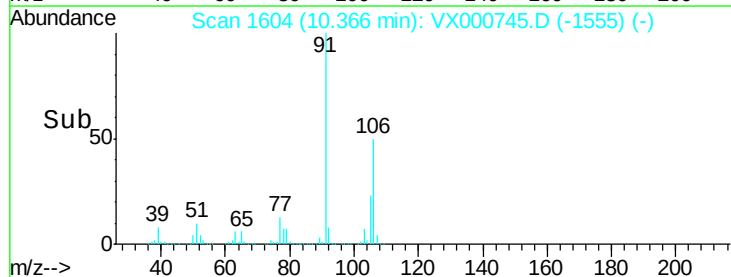
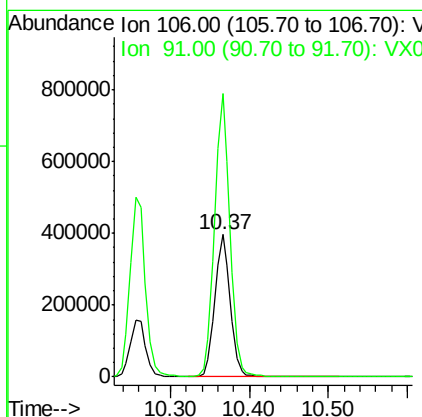
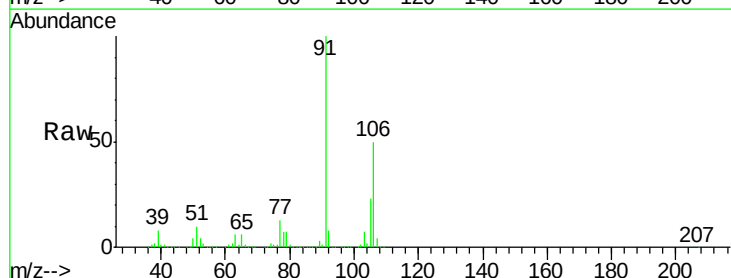
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

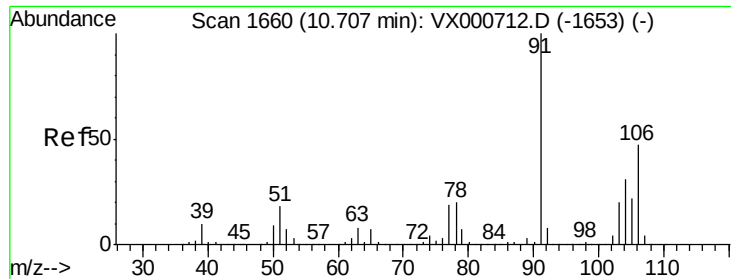
Tgt Ion: 91 Resp: 682185
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 96.48 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 106 Resp: 538338
Ion Ratio Lower Upper
106 100
91 198.7 159.7 239.5

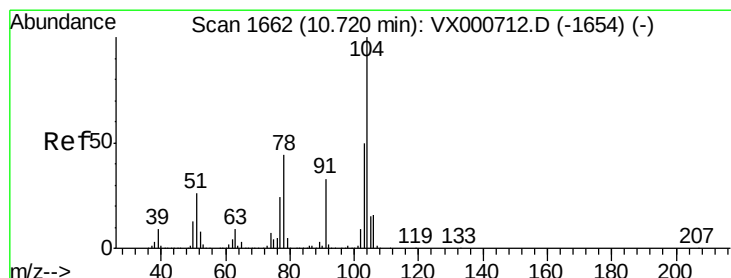
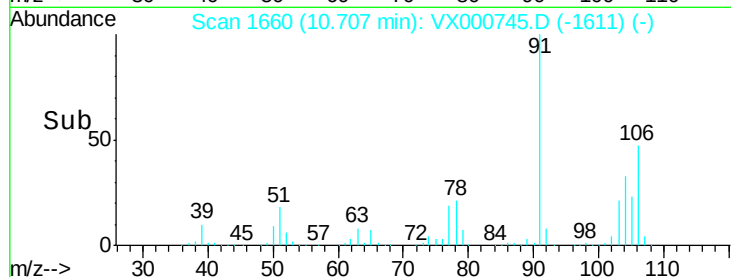
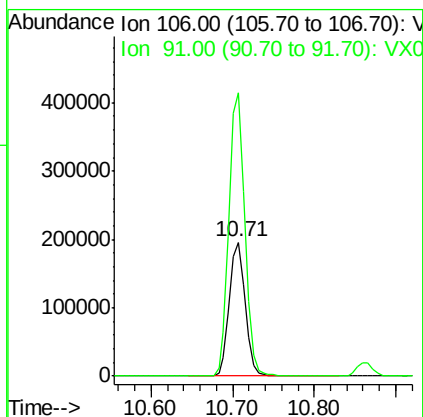
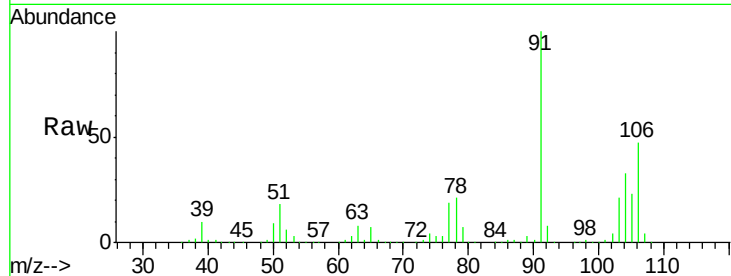




#69
o-Xylene
Concen: 47.75 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

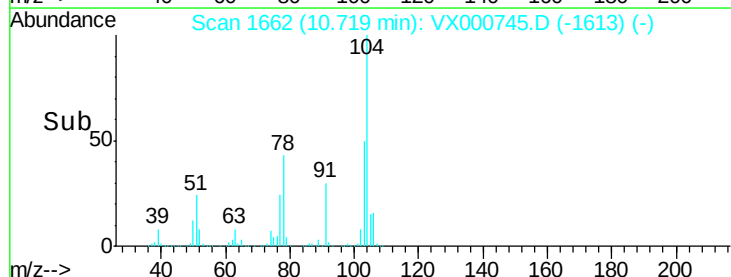
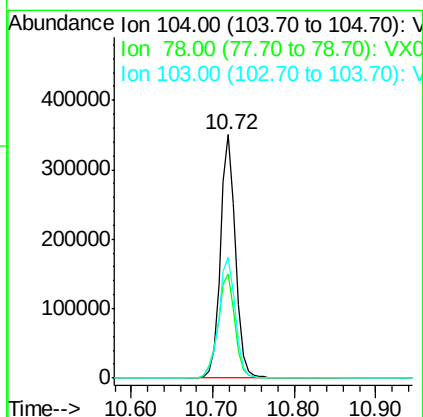
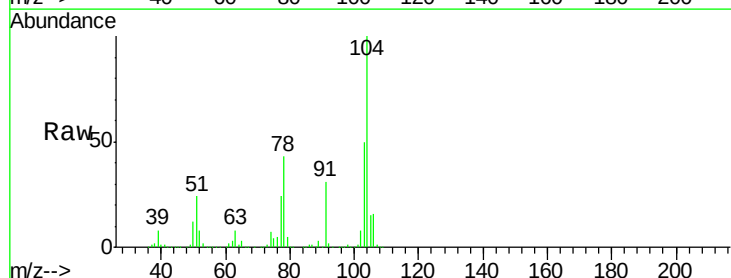
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

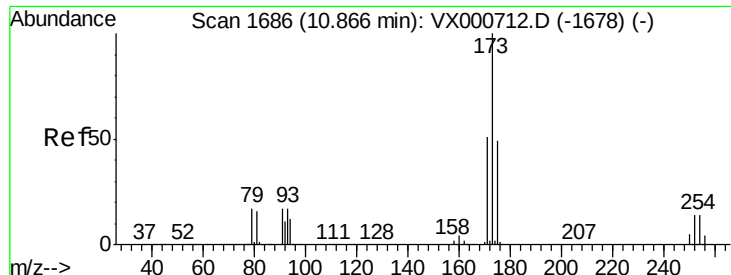
Tgt Ion:106 Resp: 261435
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.3



#70
Styrene
Concen: 48.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:104 Resp: 452226
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 55.1 44.1 66.1

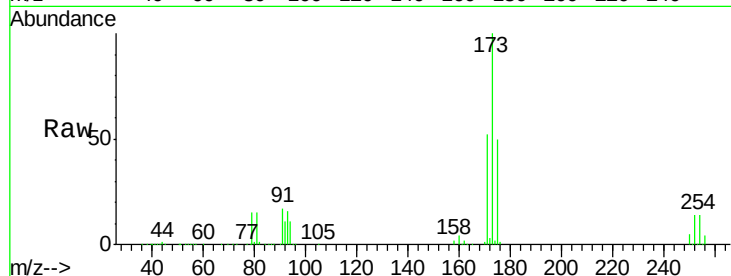




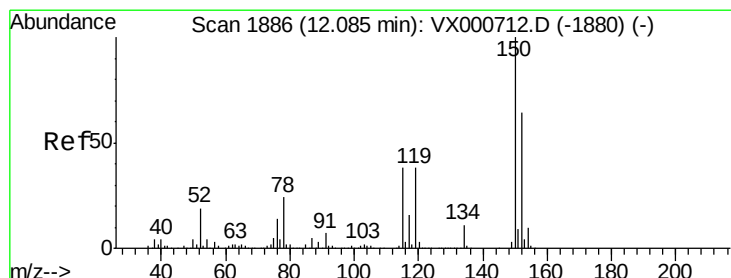
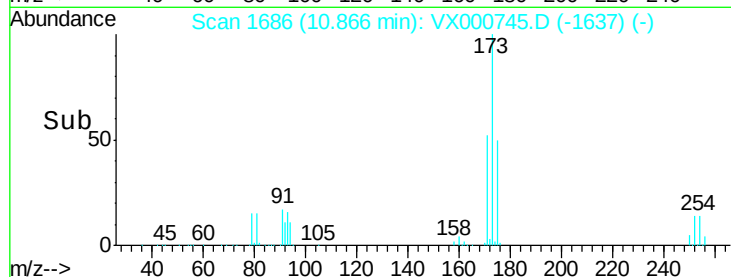
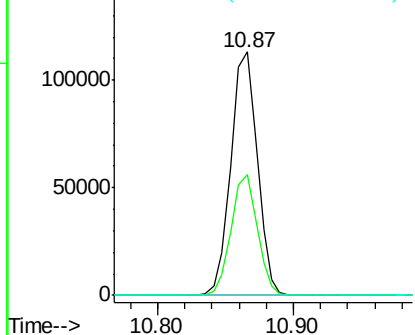
#71
Bromoform
Concen: 48.83 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 153495
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.2 0.1 0.1#

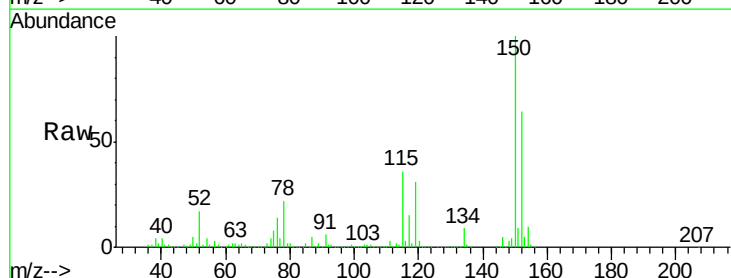


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

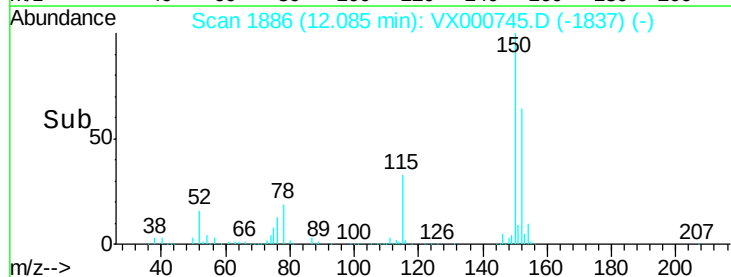
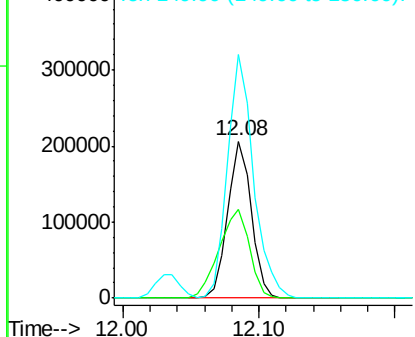


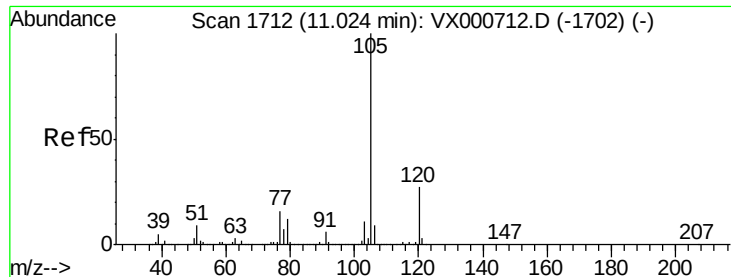
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:152 Resp: 247942
Ion Ratio Lower Upper
152 100
115 72.9 37.7 113.1
150 171.9 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: 48.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

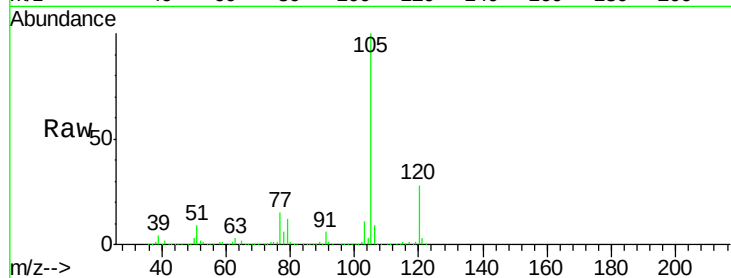
VSTDCCC050EC

Tgt Ion:105 Resp: 716972

Ion Ratio Lower Upper

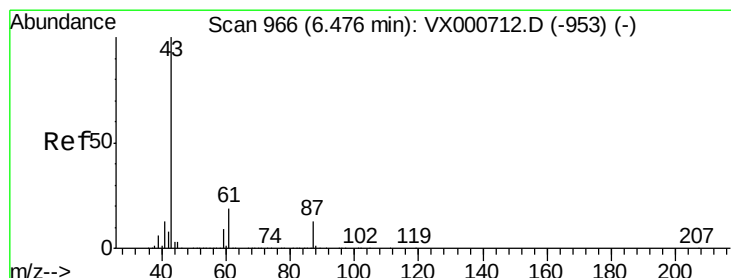
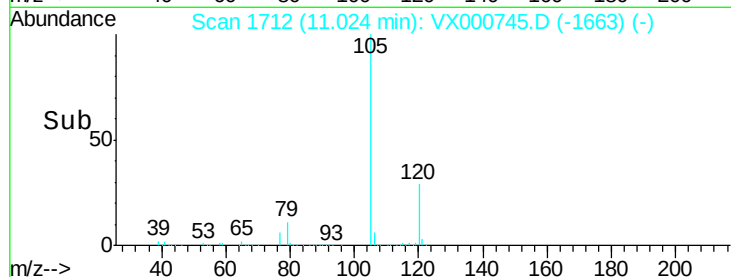
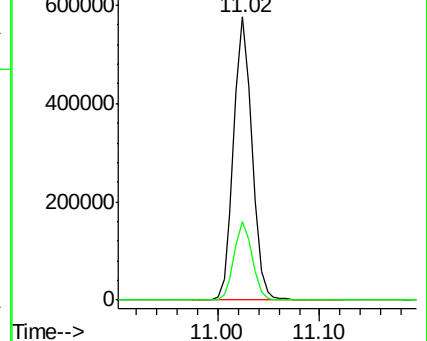
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.98 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion: 43 Resp: 324462

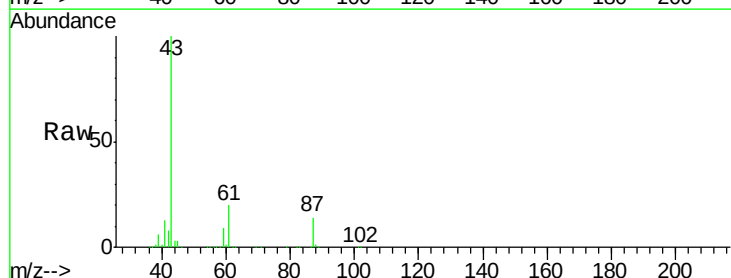
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 15.4 23.0

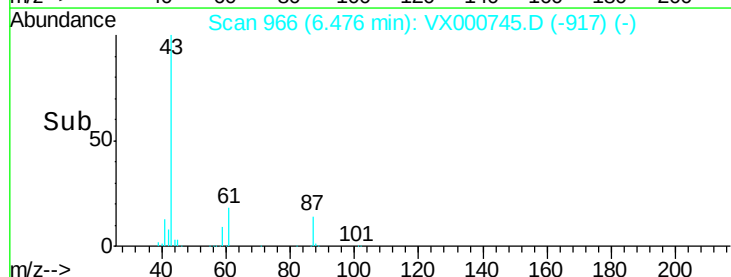
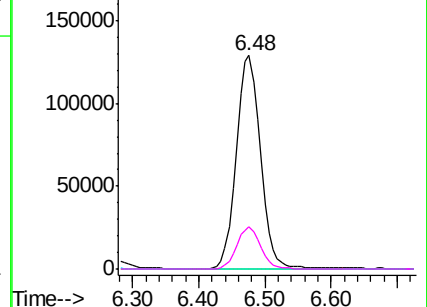


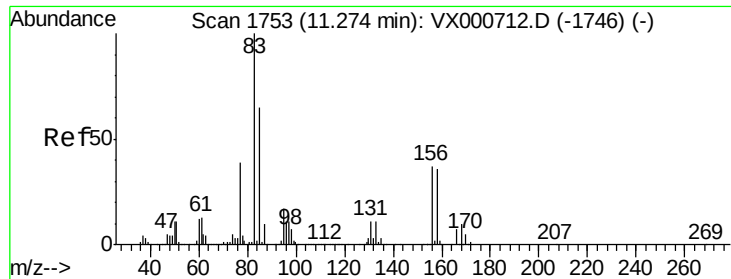
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

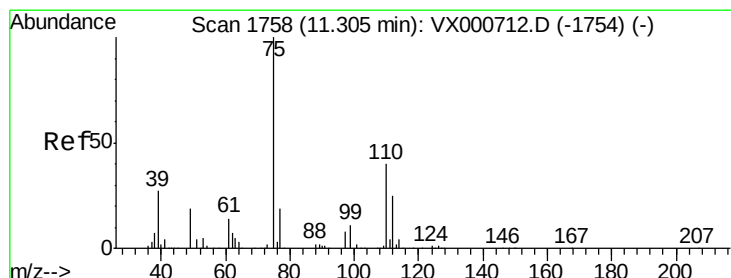
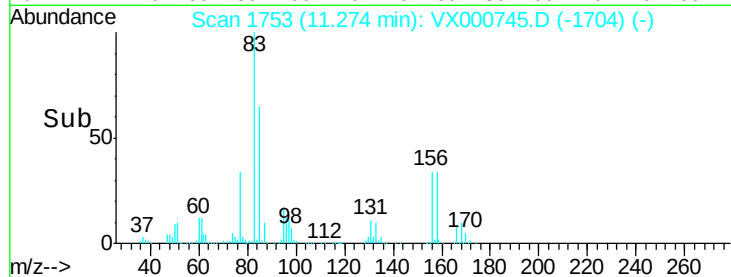
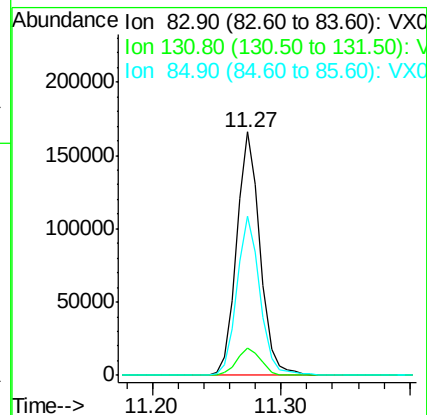
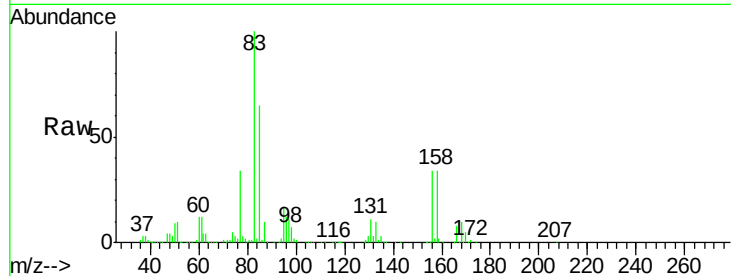
Tgt Ion: 83 Resp: 211226

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 59.17 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000745.D

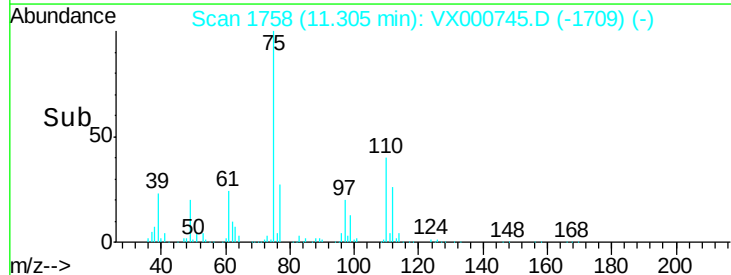
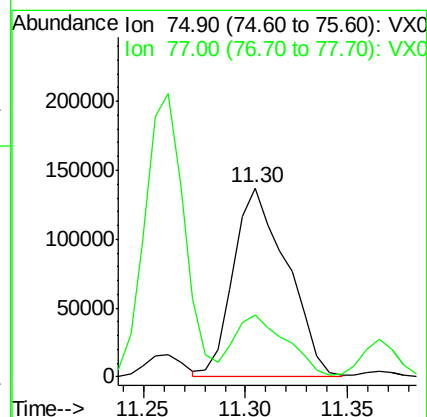
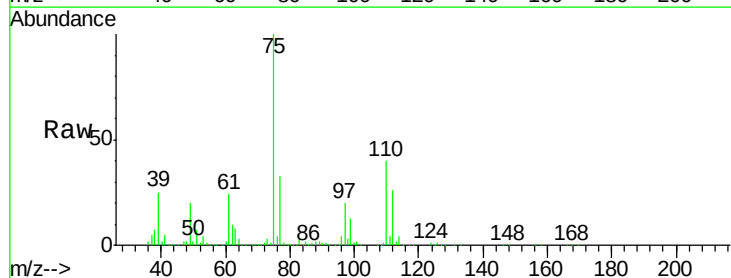
Acq: 08 Apr 2018 21:10

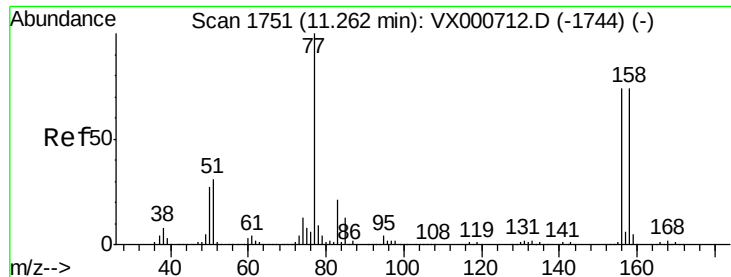
Tgt Ion: 75 Resp: 249619

Ion Ratio Lower Upper

75 100

77 31.8 21.3 63.7





#77

Bromobenzene

Concen: 49.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

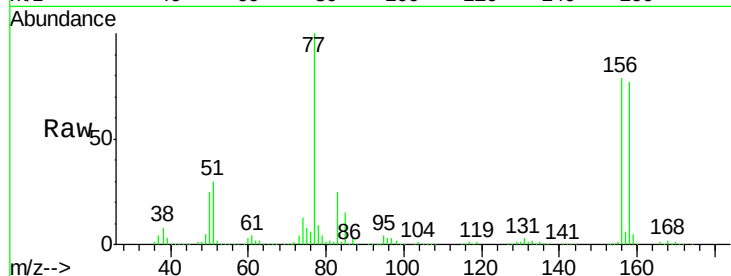
Tgt Ion:156 Resp: 209521

Ion Ratio Lower Upper

156 100

77 131.4 68.3 205.1

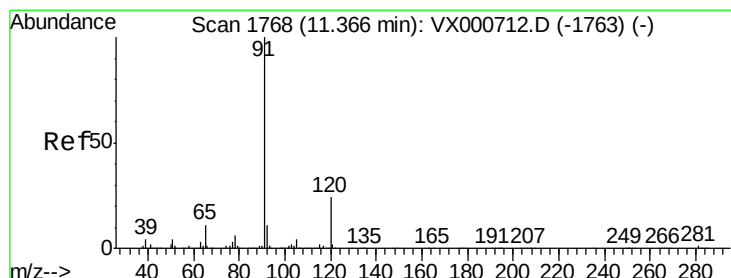
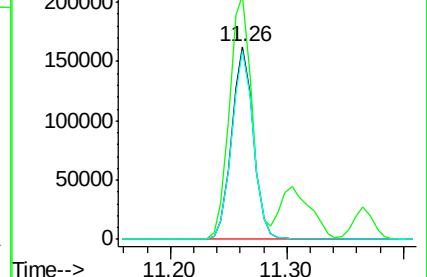
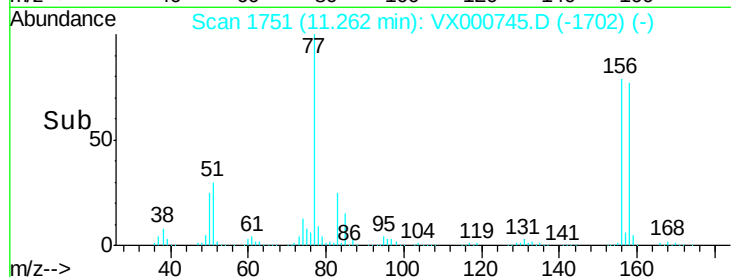
158 98.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.43 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000745.D

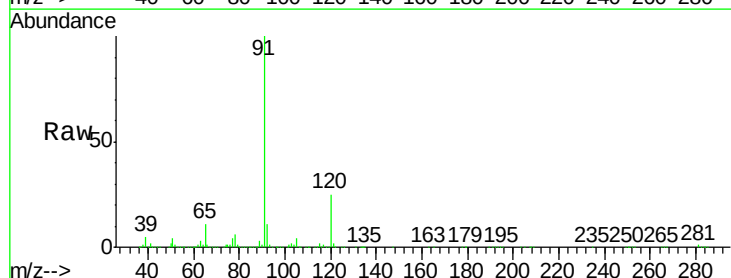
Acq: 08 Apr 2018 21:10

Tgt Ion: 91 Resp: 806566

Ion Ratio Lower Upper

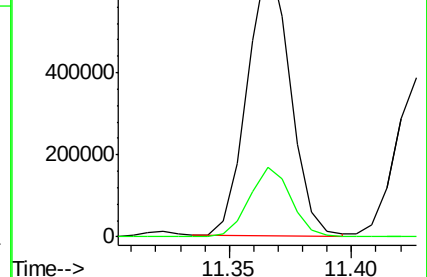
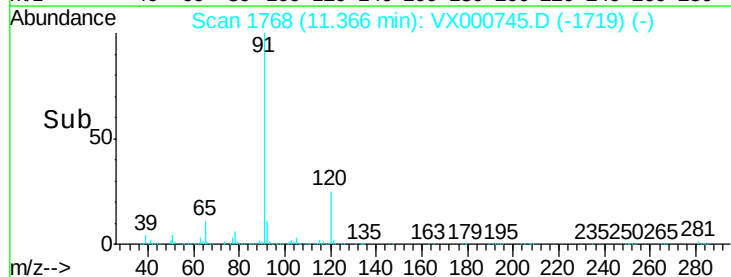
91 100

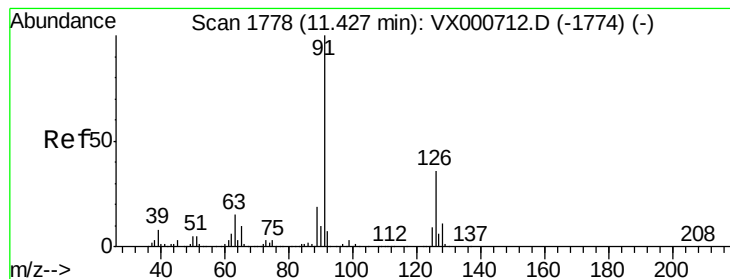
120 25.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

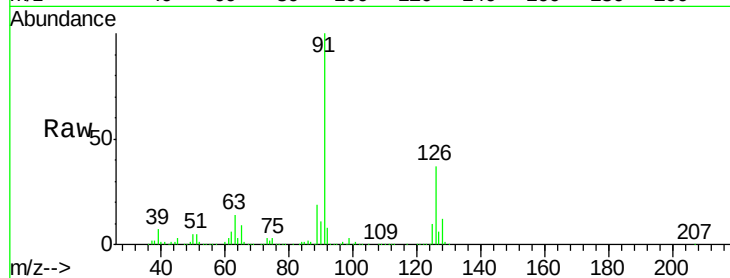
VSTDCCC050EC

Tgt Ion: 91 Resp: 478654

Ion Ratio Lower Upper

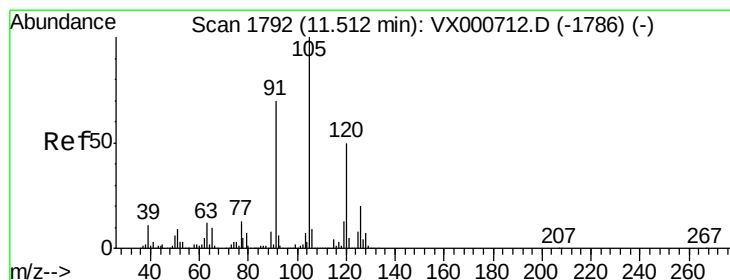
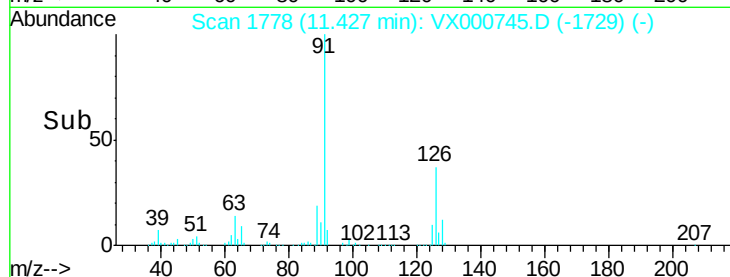
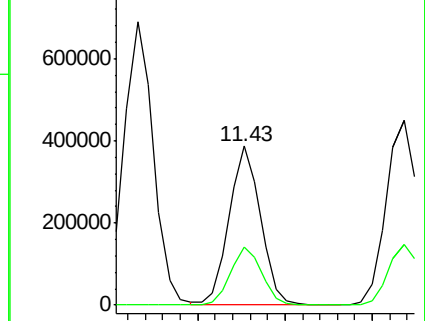
91 100

126 36.8 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: 47.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000745.D

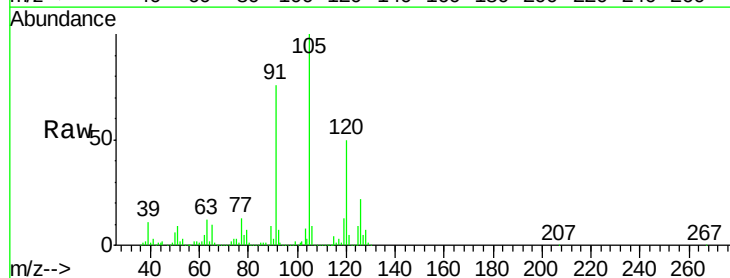
Acq: 08 Apr 2018 21:10

Tgt Ion: 105 Resp: 611756

Ion Ratio Lower Upper

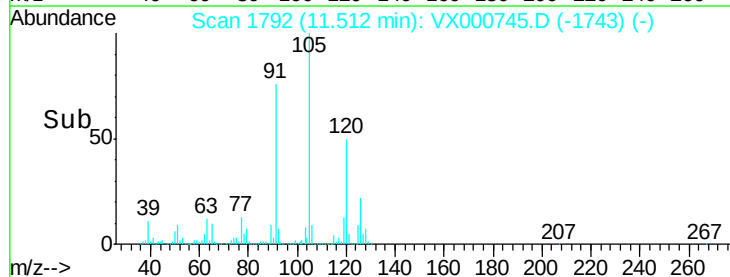
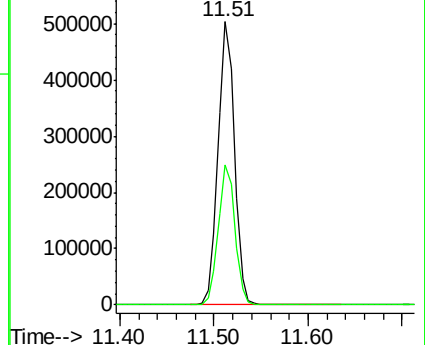
105 100

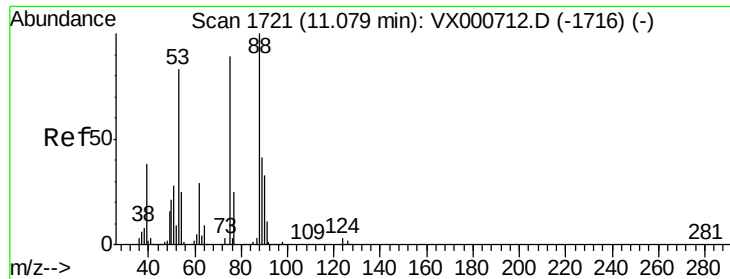
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.19 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

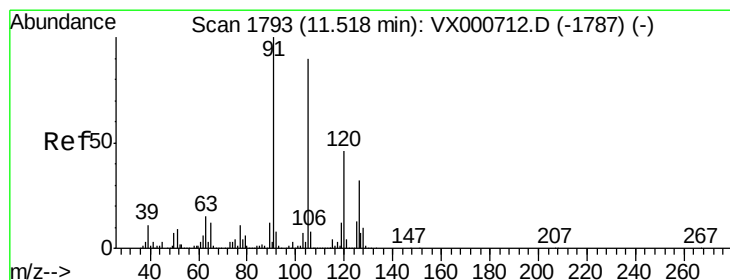
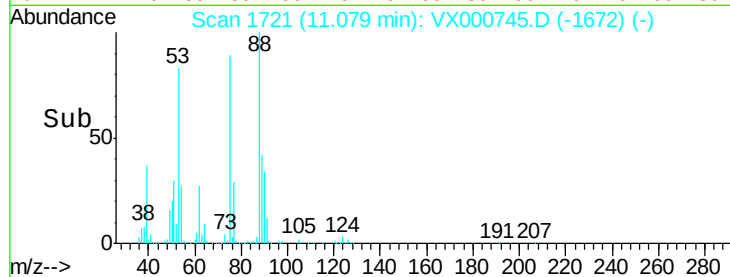
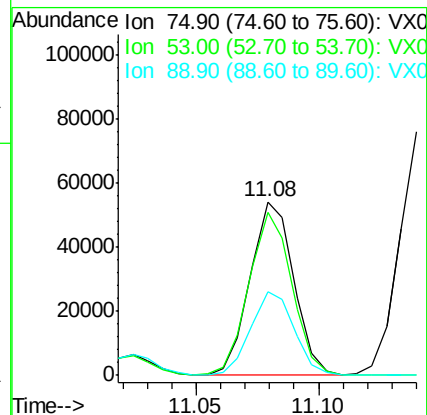
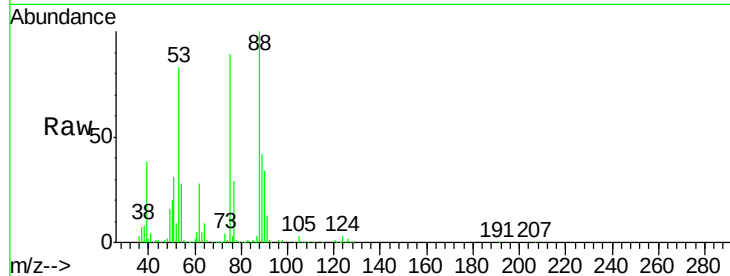
Tgt Ion: 75 Resp: 66735

Ion Ratio Lower Upper

75 100

53 93.3 74.2 111.2

89 49.0 46.6 69.8



#82

4-Chlorotoluene

Concen: 47.28 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000745.D

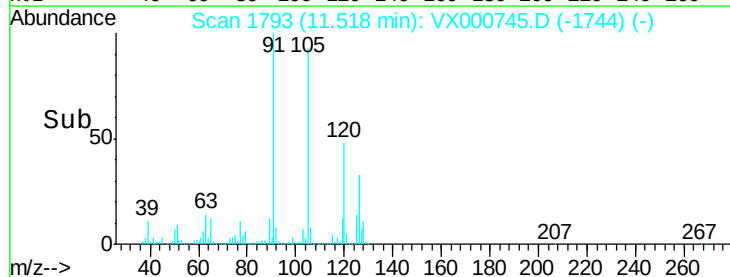
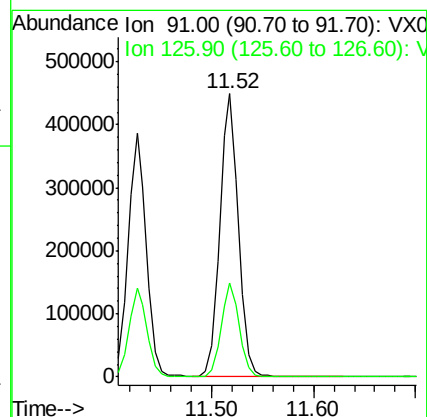
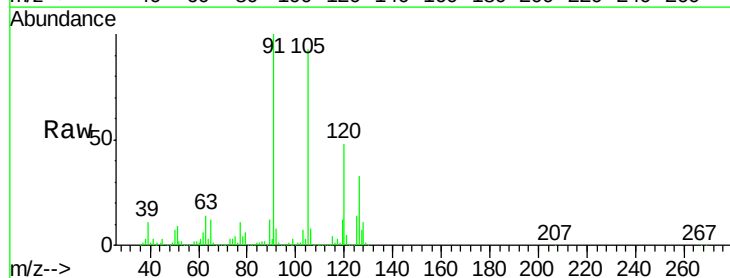
Acq: 08 Apr 2018 21:10

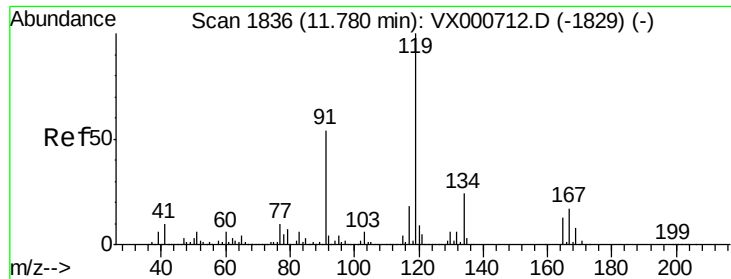
Tgt Ion: 91 Resp: 574678

Ion Ratio Lower Upper

91 100

126 32.2 16.0 48.0

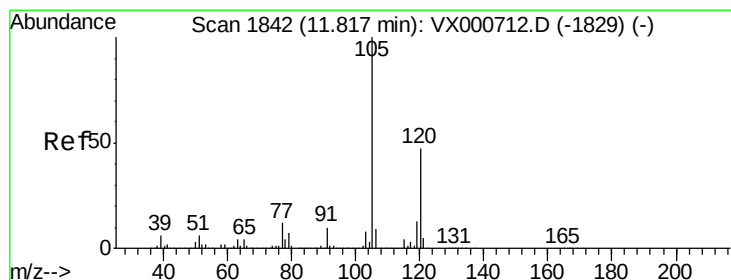
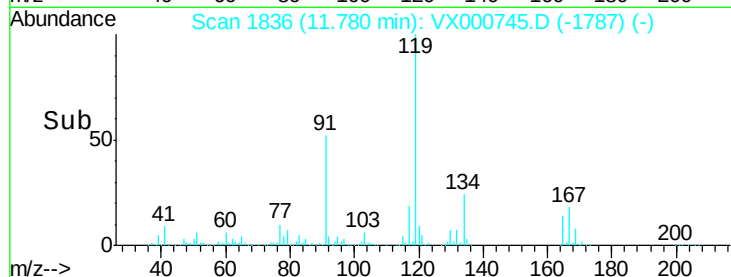
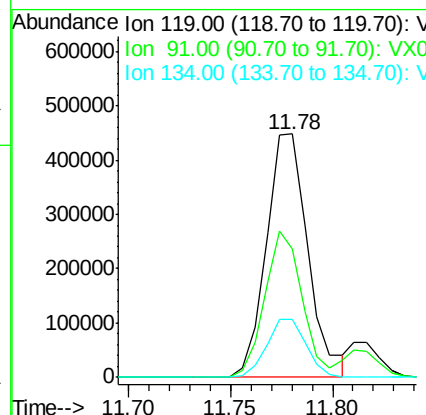
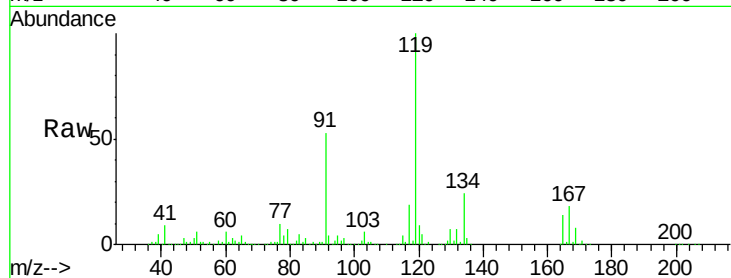




#83
 tert-Butylbenzene
 Concen: 48.57 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

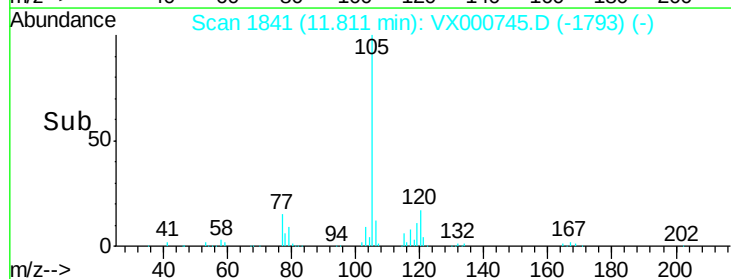
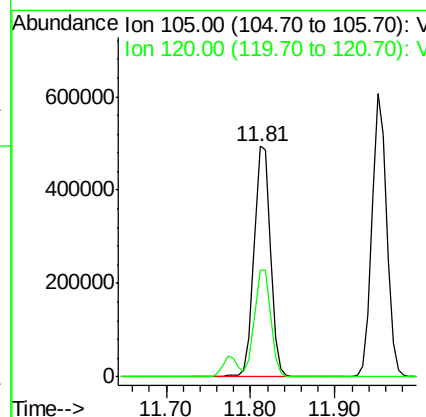
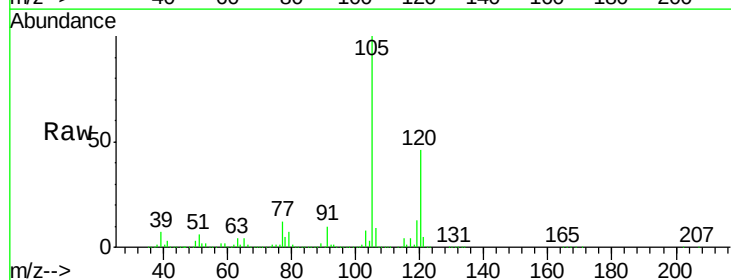
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

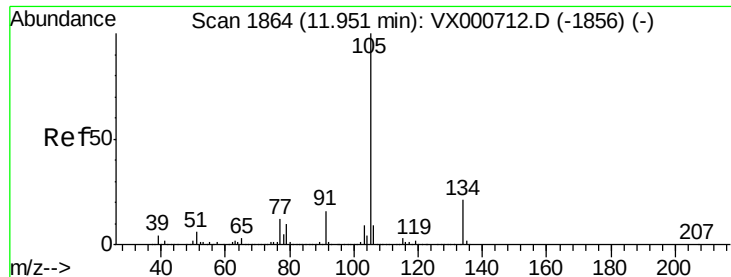
Tgt Ion:119 Resp: 639227
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.3 81.8
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion:105 Resp: 636184
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 47.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

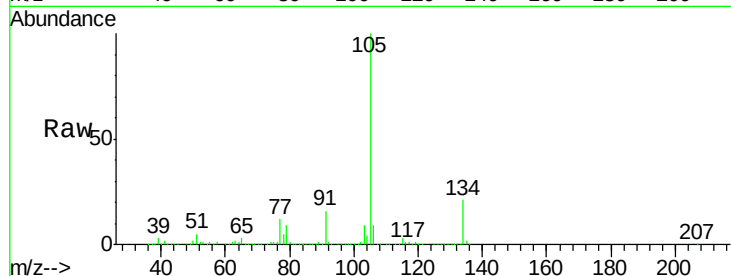
VSTDCCC050EC

Tgt Ion:105 Resp: 738649

Ion Ratio Lower Upper

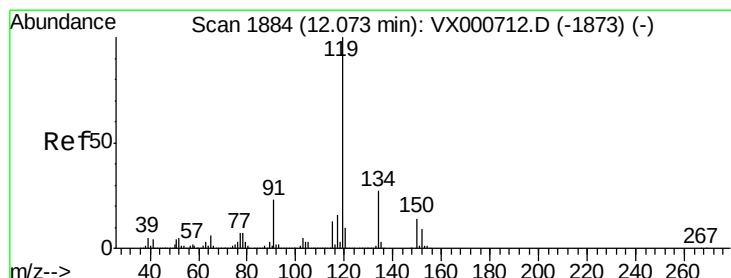
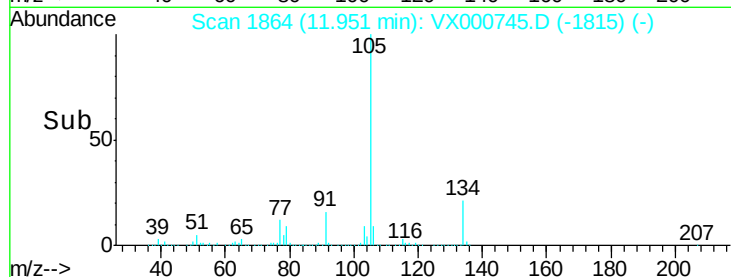
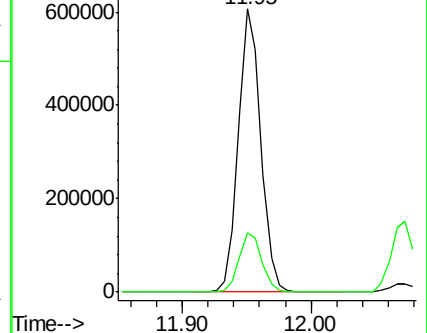
105 100

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: 47.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

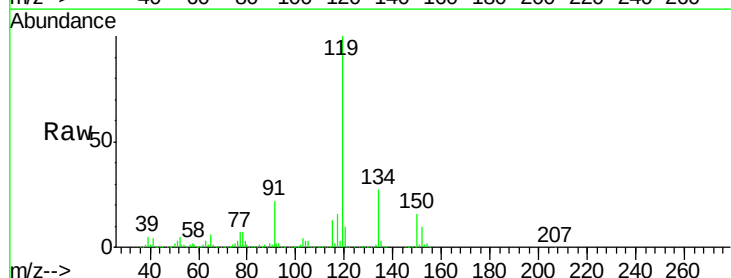
Tgt Ion:119 Resp: 684071

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

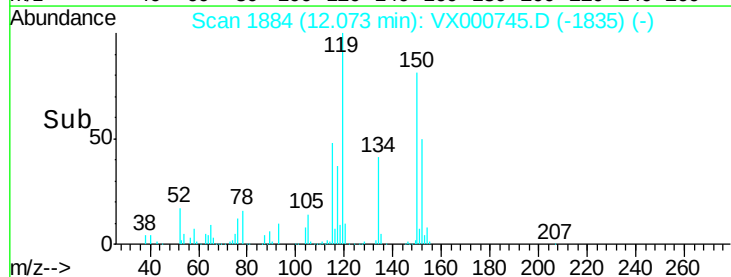
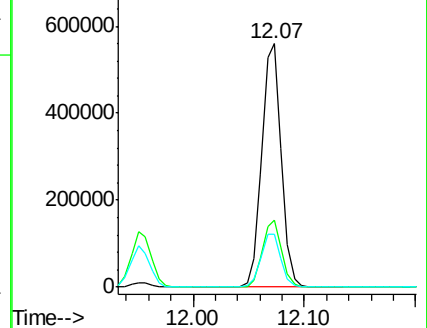
91 22.3 11.5 34.4

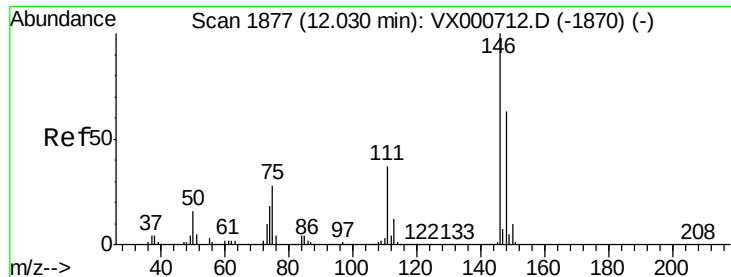


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.79 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

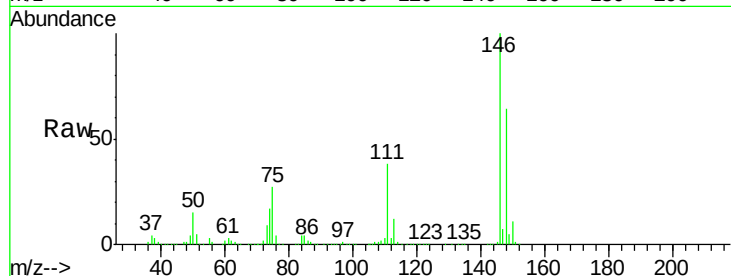
Tgt Ion:146 Resp: 384305

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.8

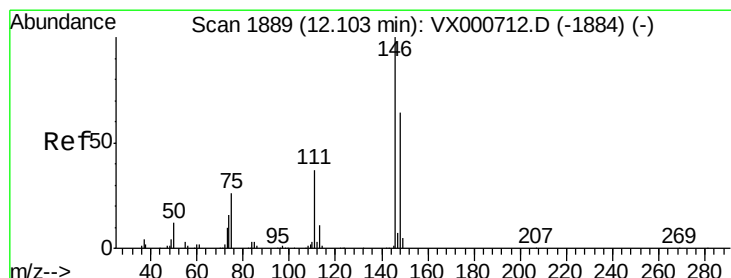
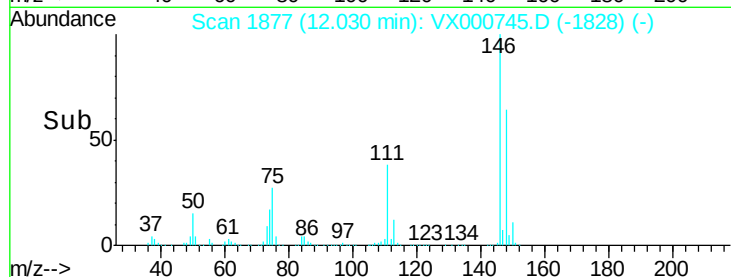
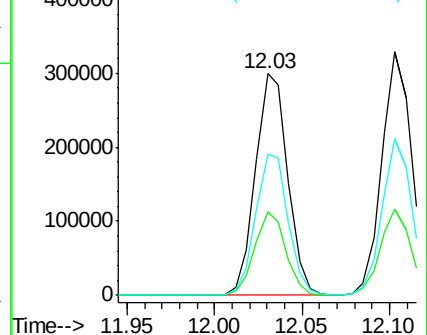
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.64 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

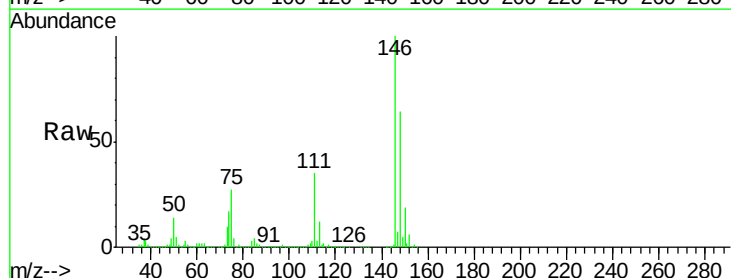
Tgt Ion:146 Resp: 392696

Ion Ratio Lower Upper

146 100

111 35.8 18.2 54.6

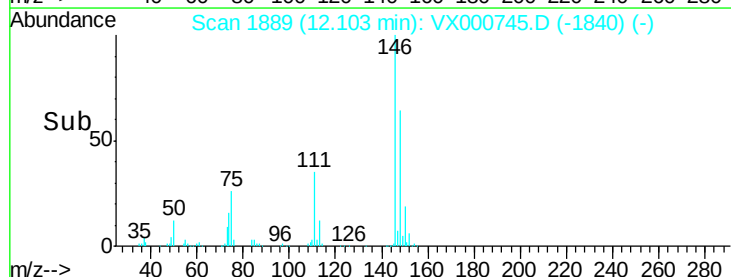
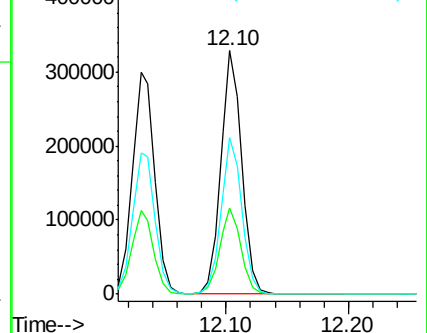
148 64.1 32.1 96.5

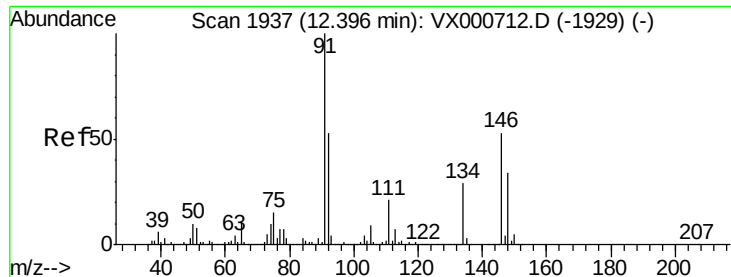


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

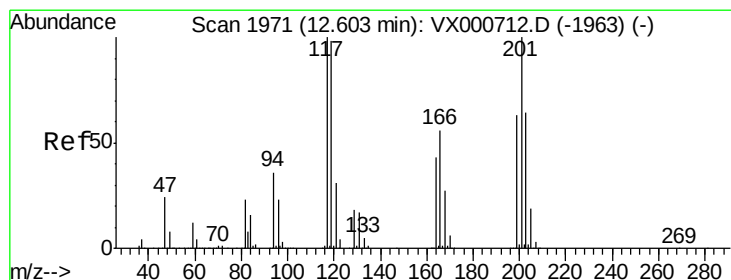
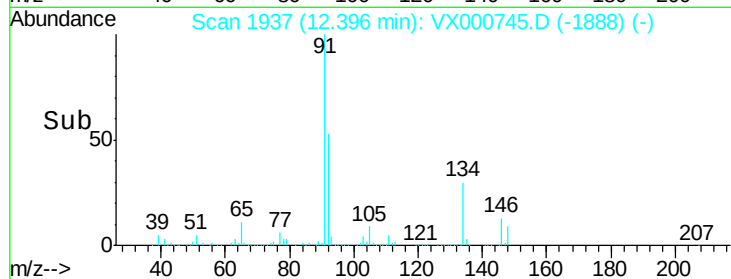
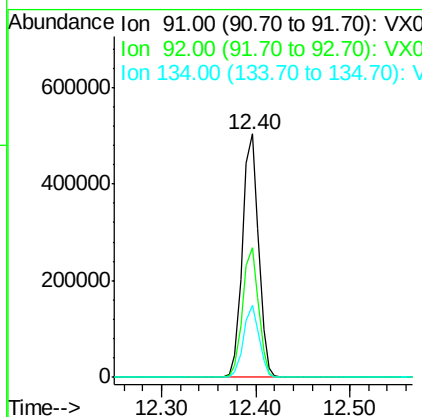
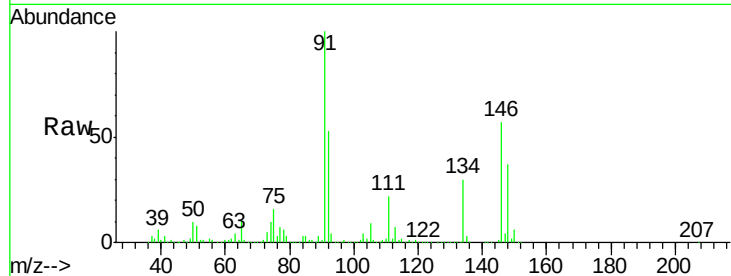




#89
n-Butylbenzene
Concen: 46.43 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

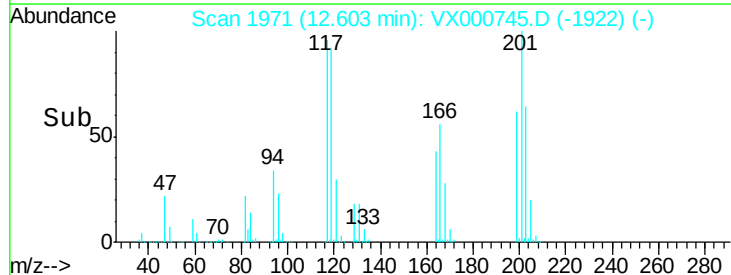
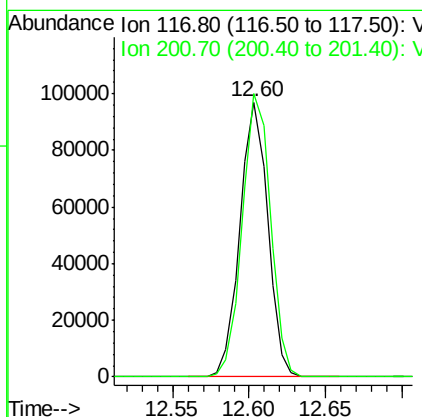
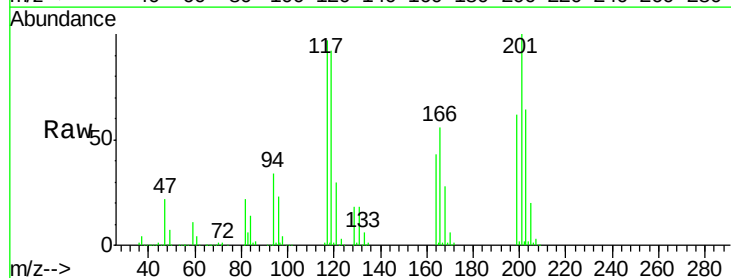
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

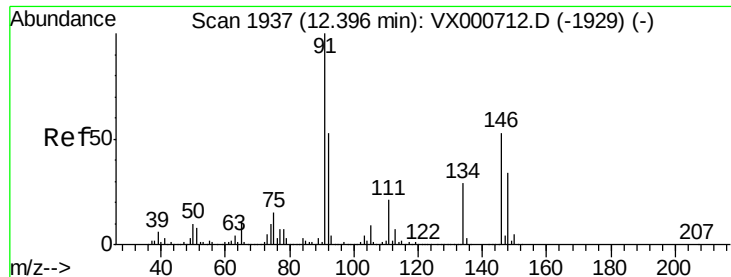
Tgt Ion: 91 Resp: 597170
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 28.8 14.4 43.0



#90
Hexachloroethane
Concen: 46.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 117 Resp: 122454
Ion Ratio Lower Upper
117 100
201 104.8 51.2 153.6

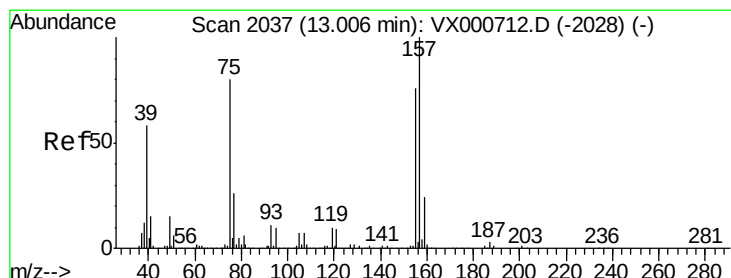
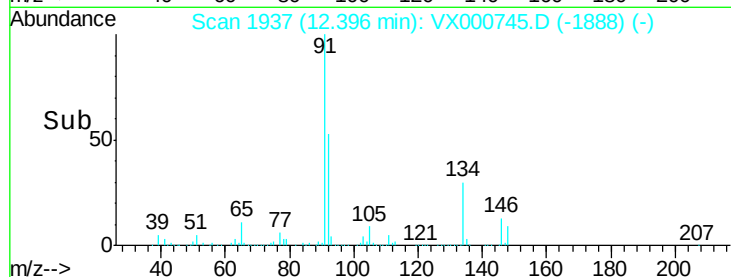
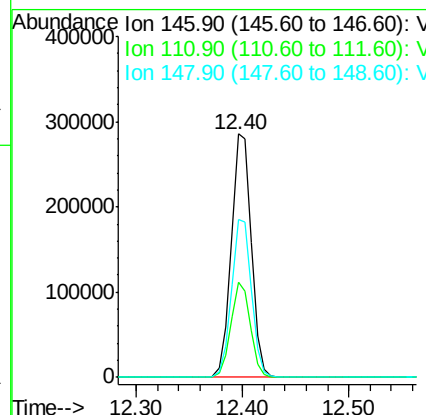
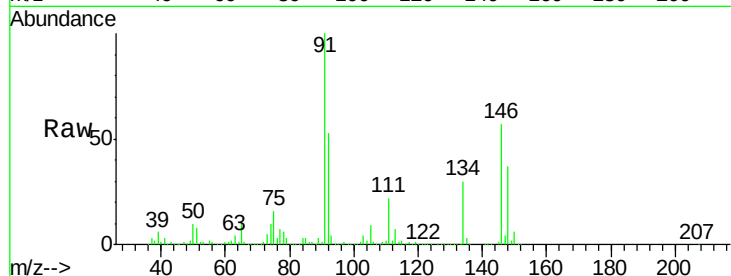




#91
 1,2-Dichlorobenzene
 Concen: 49.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

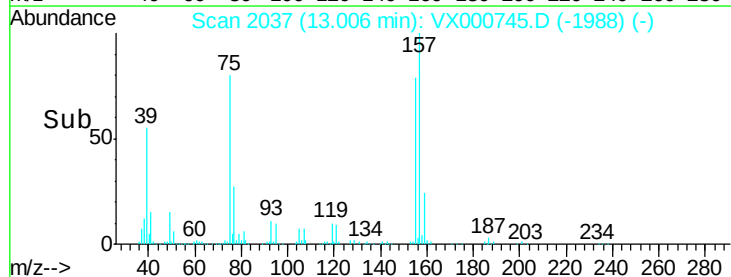
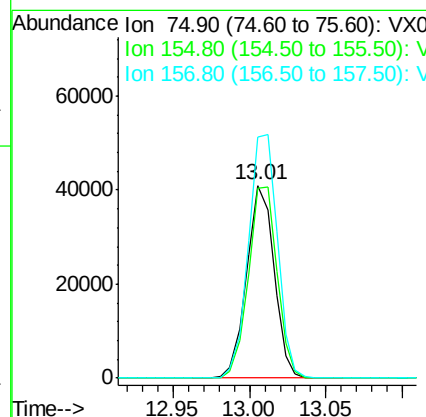
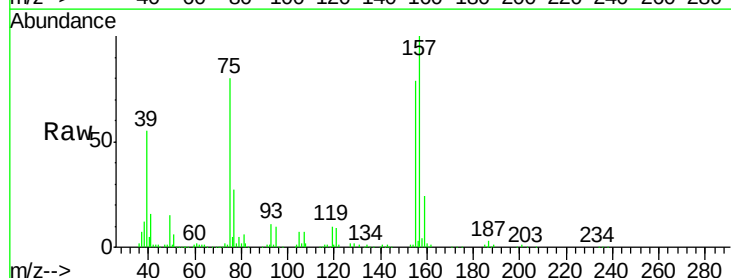
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

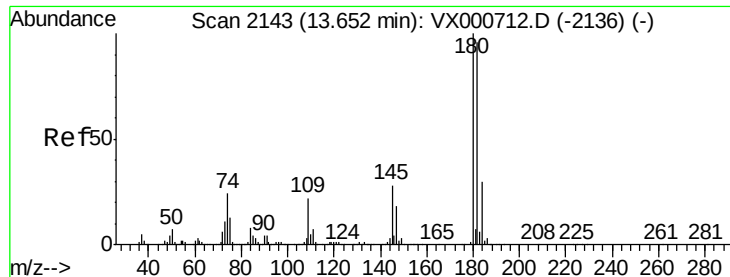
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	48.4	145.0
157	133.3	62.8	188.5

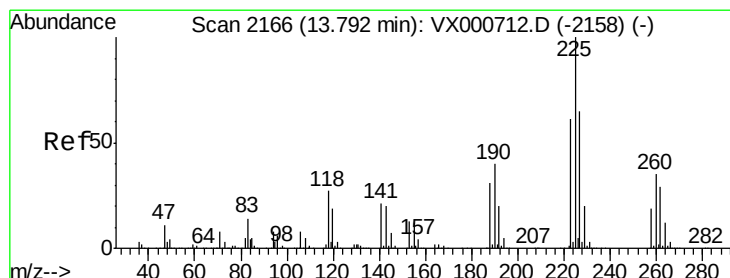
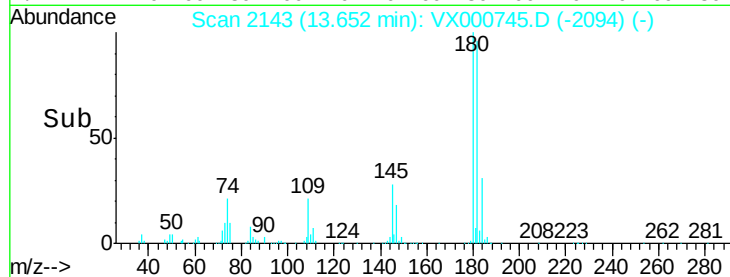
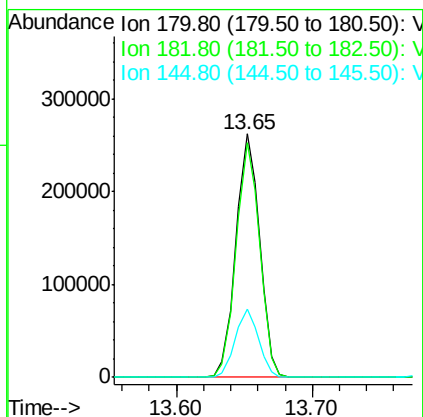
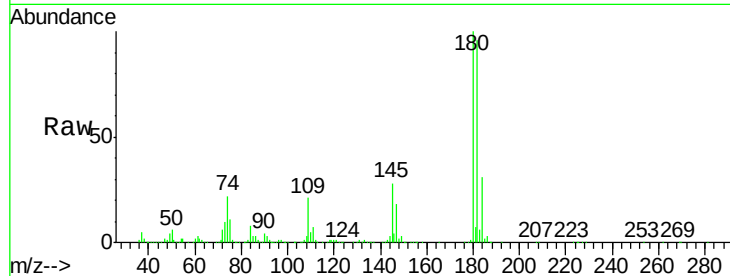




#93
 1,2,4-Trichlorobenzene
 Concen: 48.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

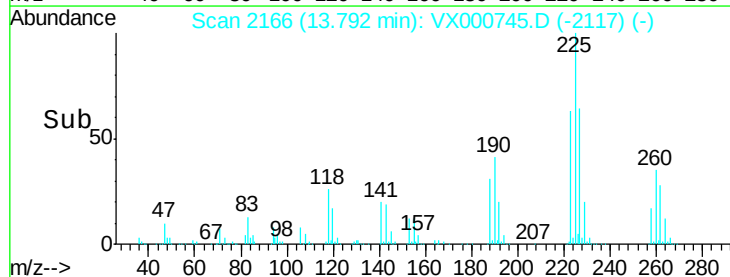
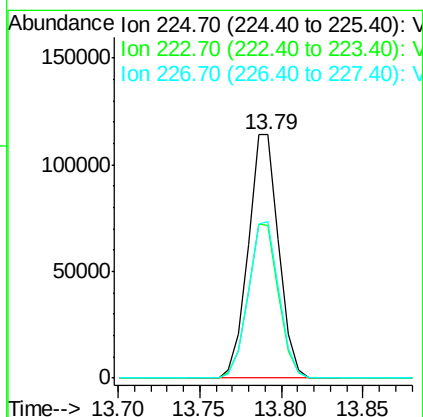
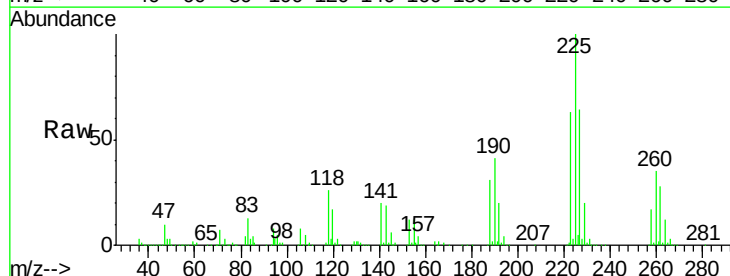
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

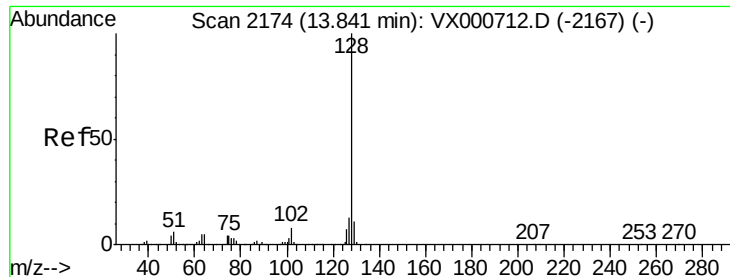
Tgt Ion:180 Resp: 318088
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 27.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 45.96 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion:225 Resp: 148067
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.8
 227 64.3 31.9 95.7





#95

Naphthalene

Concen: 49.40 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

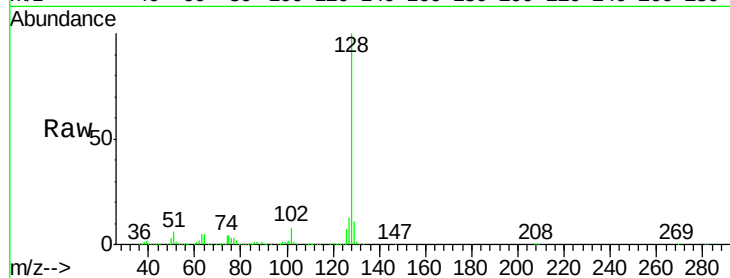
Tgt Ion:128 Resp: 846252

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

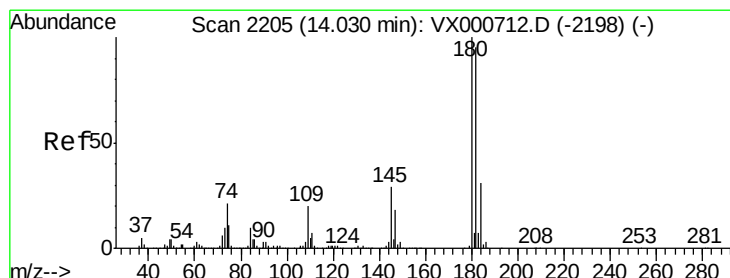
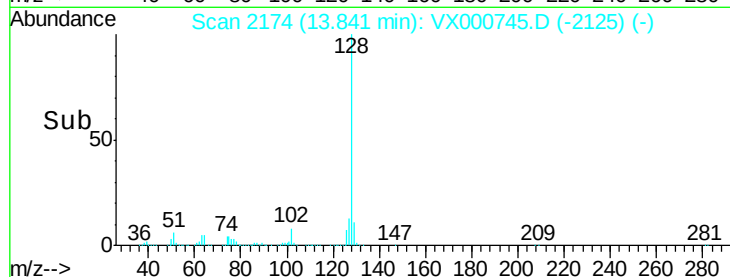
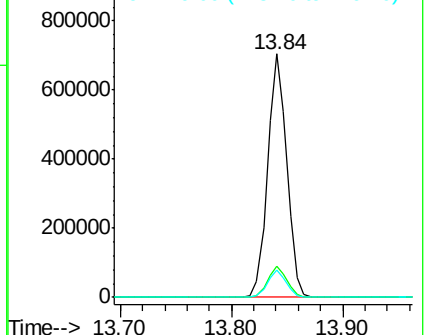
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.79 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000745.D

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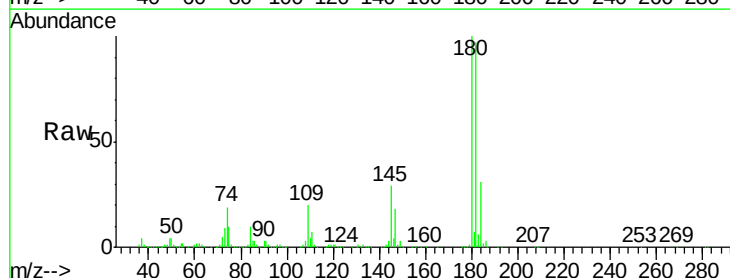
Tgt Ion:180 Resp: 314237

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 29.3 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

