

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000710.D
 Acq On : 07 Apr 2018 11:49
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 07 16:39:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	14525	4.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.62%	
35) Dibromofluoromethane	5.51	113	10212	3.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.48%	
50) Toluene-d8	8.72	98	39473	3.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.86%	
62) 4-Bromofluorobenzene	11.14	95	16862	4.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	7618	2.774	ug/l 97
3) Chloromethane	1.32	50	7672	3.397	ug/l 98
4) Vinyl Chloride	1.40	62	7665	3.249	ug/l 96
5) Bromomethane	1.64	94	6097	4.676	ug/l 96
6) Chloroethane	1.73	64	5026	3.489	ug/l 98
7) Trichlorofluoromethane	1.93	101	12174	3.152	ug/l 97
8) Diethyl Ether	2.19	74	4535	3.151	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7327	3.238	ug/l 97
10) Methyl Iodide	2.52	142	3540	1.433	ug/l # 82
11) Tert butyl alcohol	3.06	59	8757	13.892	ug/l # 91
12) 1,1-Dichloroethene	2.38	96	6787	3.333	ug/l 93
13) Acrolein	2.29	56	4789	19.663	ug/l 98
14) Allyl chloride	2.73	41	13349	3.281	ug/l 95
15) Acrylonitrile	3.15	53	17035	13.509	ug/l 99
16) Acetone	2.45	43	16181	15.286	ug/l 98
17) Carbon Disulfide	2.57	76	19438	4.016	ug/l 98
18) Methyl Acetate	2.78	43	8453	2.509	ug/l 98
19) Methyl tert-butyl Ether	3.21	73	22136	2.813	ug/l 95
20) Methylene Chloride	2.86	84	9643	4.145	ug/l 92
21) trans-1,2-Dichloroethene	3.17	96	7589	3.477	ug/l 92
22) Diisopropyl ether	3.87	45	22737	2.717	ug/l 98
23) Vinyl Acetate	3.83	43	96127	13.209	ug/l 98
24) 1,1-Dichloroethane	3.70	63	12206	2.801	ug/l 94
25) 2-Butanone	4.71	43	25992	13.327	ug/l 99
26) 2,2-Dichloropropane	4.59	77	13063	3.018	ug/l 99
27) cis-1,2-Dichloroethene	4.61	96	8101	2.889	ug/l 93
28) Bromochloromethane	5.03	49	9591	4.987	ug/l 95
29) Tetrahydrofuran	5.18	42	17607	14.152	ug/l 98
30) Chloroform	5.22	83	13715	2.929	ug/l 90
31) Cyclohexane	5.58	56	12565	3.454	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	13662	3.062	ug/l 99
36) 1,1-Dichloropropene	5.81	75	11192	3.376	ug/l 97
37) Ethyl Acetate	4.87	43	10164	2.701	ug/l # 90
38) Carbon Tetrachloride	5.79	117	12291	3.055	ug/l 95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000710.D
 Acq On : 07 Apr 2018 11:49
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 07 16:39:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	12795	3.358	ug/l	92
40) Benzene	6.15	78	29383	3.040	ug/l	99
41) Methacrylonitrile	5.07	41	5803	2.617	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	11707	3.042	ug/l	92
43) Isopropyl Acetate	6.47	43	19263	2.915	ug/l	99
44) Trichloroethene	7.22	130	9358	3.148	ug/l	95
45) 1,2-Dichloropropane	7.52	63	7917	3.038	ug/l	91
46) Dibromomethane	7.67	93	5167	2.893	ug/l	96
47) Bromodichloromethane	7.90	83	10637	2.822	ug/l	93
48) Methyl methacrylate	7.78	41	9401	2.771	ug/l	96
49) 1,4-Dioxane	7.76	88	3841	55.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	54477	13.858	ug/l	97
52) Toluene	8.79	92	19159	2.968	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	13063	2.918	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	13230	2.936	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	7417	2.779	ug/l	96
56) Ethyl methacrylate	9.19	69	12133	2.797	ug/l	93
57) 1,3-Dichloropropane	9.38	76	12306	2.869	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	14405	7.841	ug/l	98
59) 2-Hexanone	9.51	43	39996	13.232	ug/l	98
60) Dibromochloromethane	9.59	129	9471	2.824	ug/l	99
61) 1,2-Dibromoethane	9.68	107	8270	2.913	ug/l	98
64) Tetrachloroethene	9.34	164	8468	2.939	ug/l	99
65) Chlorobenzene	10.15	112	22549	2.967	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	8333	2.787	ug/l	95
67) Ethyl Benzene	10.26	91	39172	3.070	ug/l	99
68) m/p-Xylenes	10.37	106	30224	6.061	ug/l	98
69) o-Xylene	10.71	106	14499	2.961	ug/l	99
70) Styrene	10.72	104	24601	2.939	ug/l	98
71) Bromoform	10.87	173	7631	2.602	ug/l #	96
73) Isopropylbenzene	11.02	105	39834	3.049	ug/l	98
74) N-amyl acetate	6.47	43	19263	2.998	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	11018	2.819	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	14054	3.716	ug/l	80
77) Bromobenzene	11.26	156	10708	2.863	ug/l	95
78) n-propylbenzene	11.37	91	45368	3.056	ug/l	100
79) 2-Chlorotoluene	11.43	91	26051	2.956	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	33233	2.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	4148	2.856	ug/l	88
82) 4-Chlorotoluene	11.52	91	32212	3.023	ug/l	98
83) tert-Butylbenzene	11.77	119	34677	2.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	35010	3.006	ug/l	97
85) sec-Butylbenzene	11.95	105	41090	3.023	ug/l	98
86) p-Isopropyltoluene	12.07	119	37390	2.952	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	20488	2.947	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	20995	2.966	ug/l	90
89) n-Butylbenzene	12.40	91	33859	3.017	ug/l	99
90) Hexachloroethane	12.60	117	6605	2.850	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	19651	2.868	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3110	2.965	ug/l	86

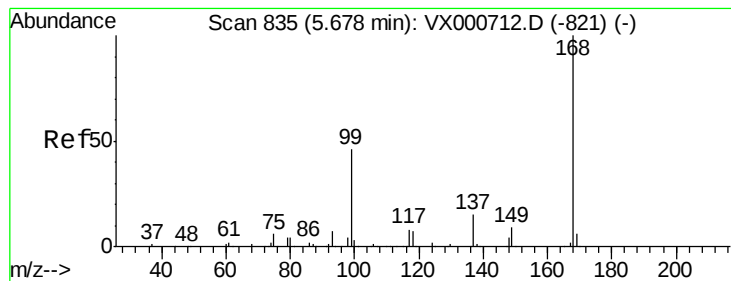
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
Data File : VX000710.D
Acq On : 07 Apr 2018 11:49
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 07 16:39:28 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 16:39:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	16504	2.870	ug/l	100
94) Hexachlorobutadiene	13.79	225	8157	2.891	ug/l	95
95) Naphthalene	13.84	128	42628	2.732	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	15907	2.828	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

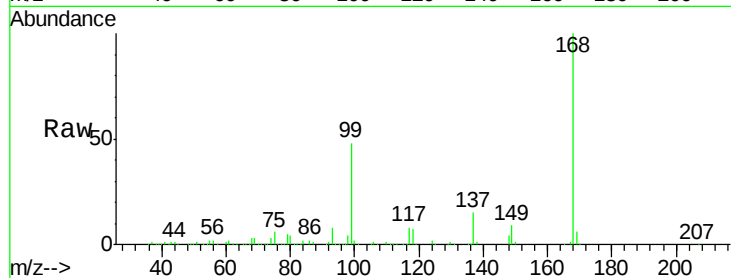
VSTDIC005

Tgt Ion:168 Resp: 306129

Ion Ratio Lower Upper

168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

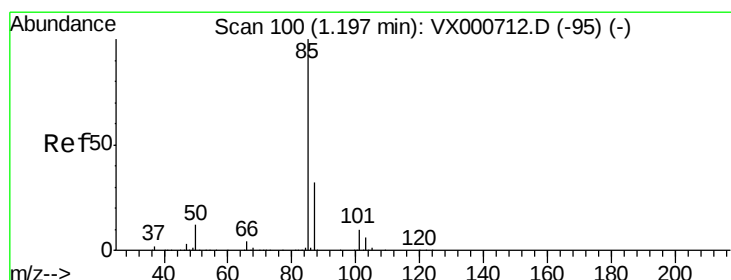
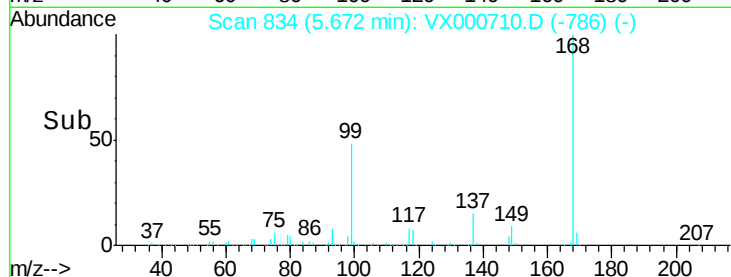
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.774 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000710.D

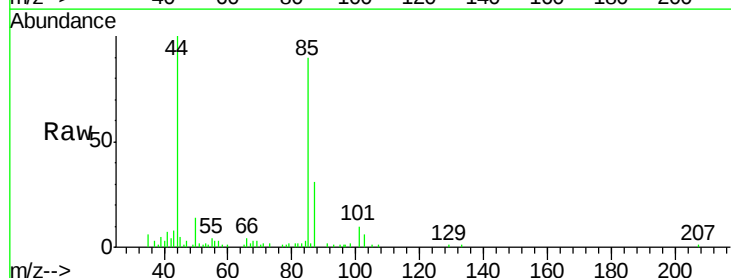
Acq: 07 Apr 2018 11:49

Tgt Ion: 85 Resp: 7618

Ion Ratio Lower Upper

85 100

87 34.2 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

8000

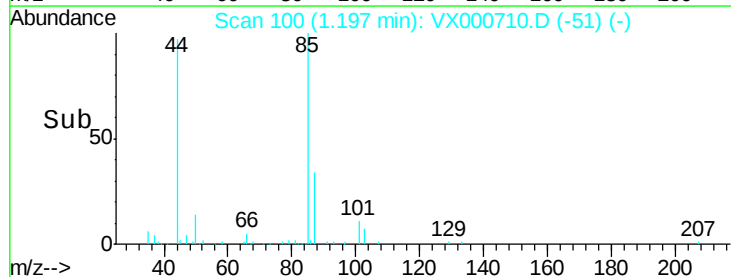
6000

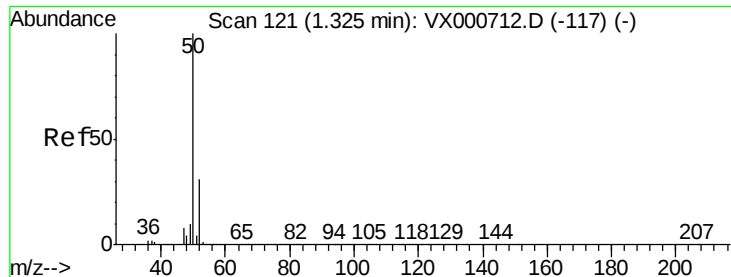
4000

2000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 3.397 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

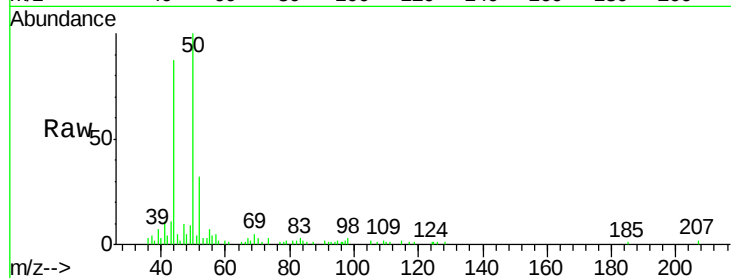
VSTDIC005

Tgt Ion: 50 Resp: 7672

Ion Ratio Lower Upper

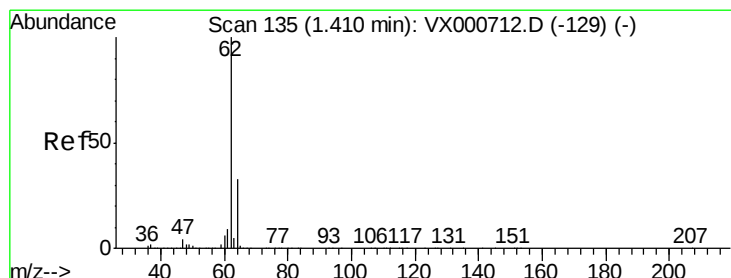
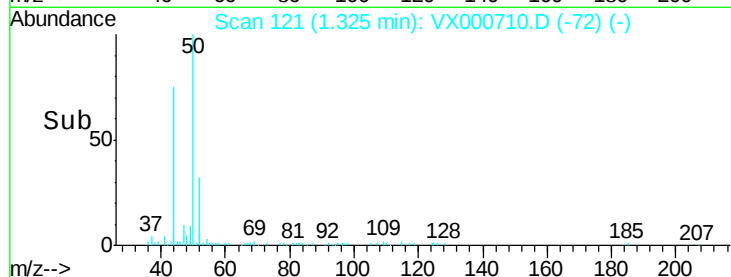
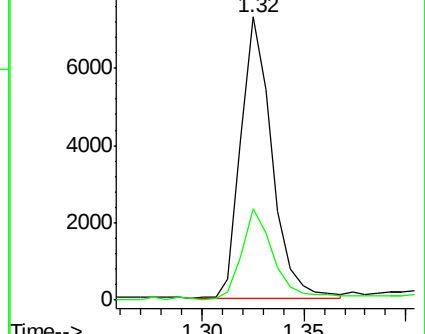
50 100

52 32.0 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: 3.249 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000710.D

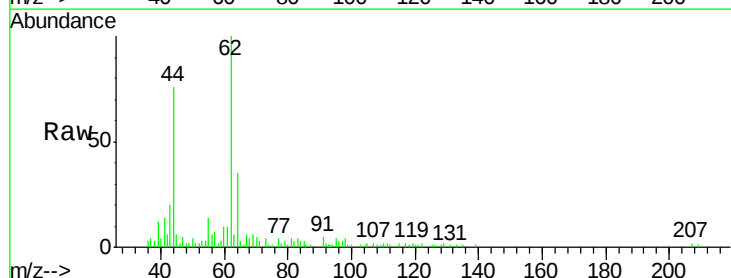
Acq: 07 Apr 2018 11:49

Tgt Ion: 62 Resp: 7665

Ion Ratio Lower Upper

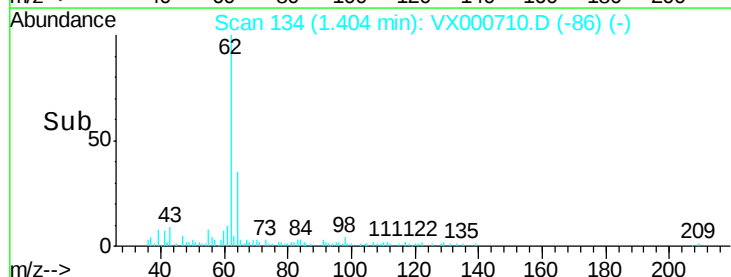
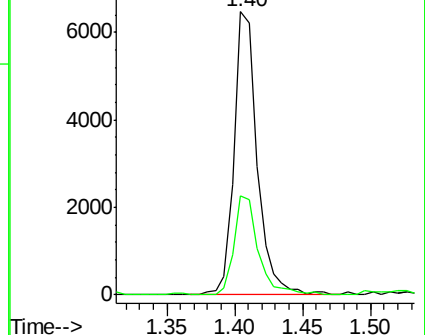
62 100

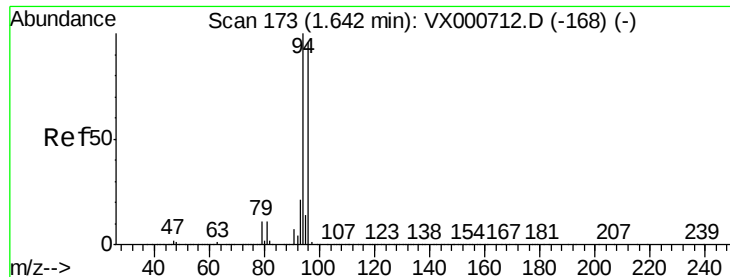
64 34.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.676 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

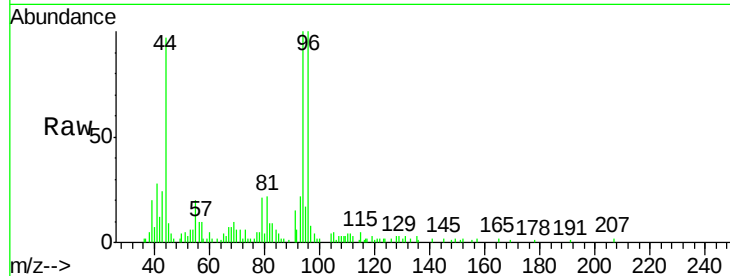
VSTDIC005

Tgt Ion: 94 Resp: 6097

Ion Ratio Lower Upper

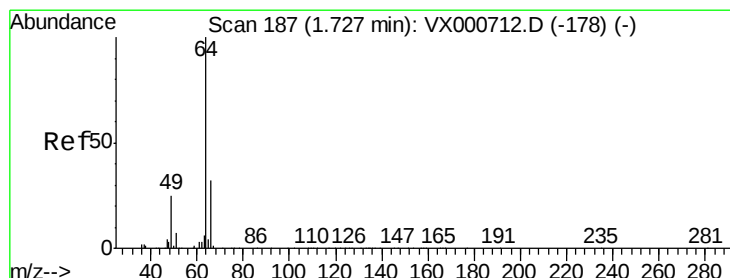
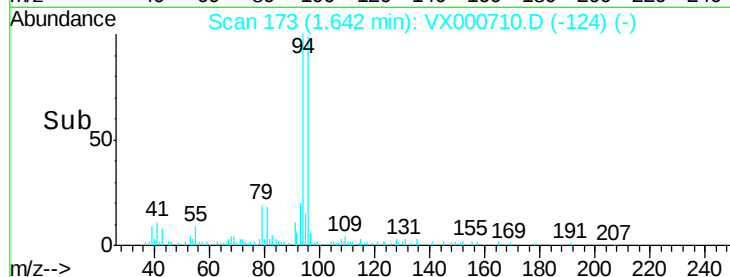
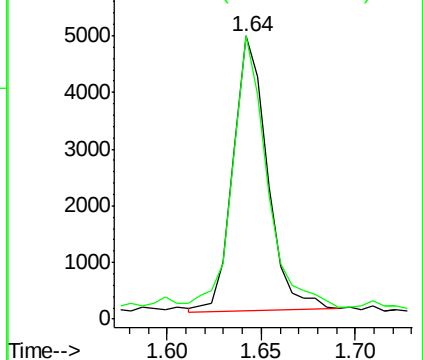
94 100

96 99.1 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: 3.489 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000710.D

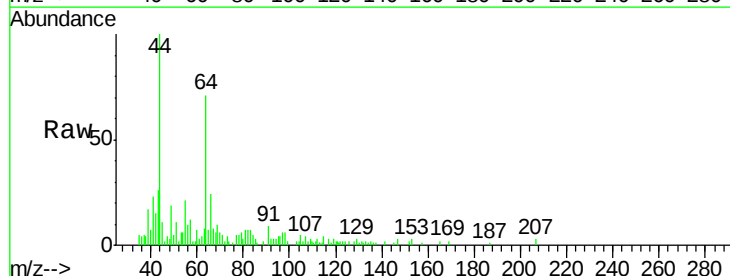
Acq: 07 Apr 2018 11:49

Tgt Ion: 64 Resp: 5026

Ion Ratio Lower Upper

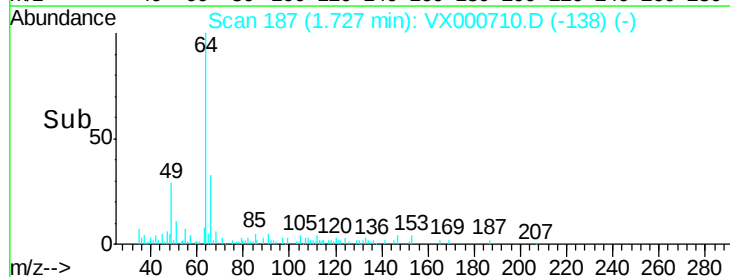
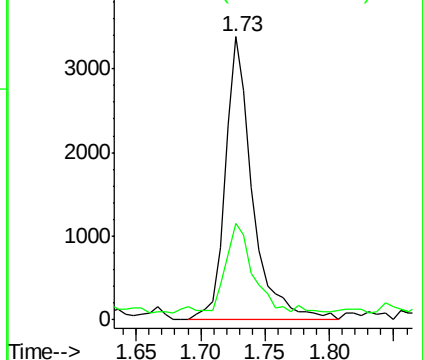
64 100

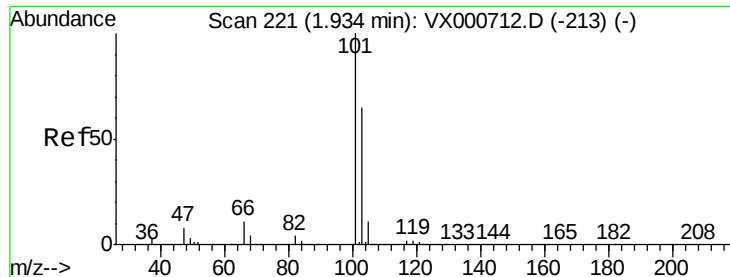
66 30.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 3.152 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

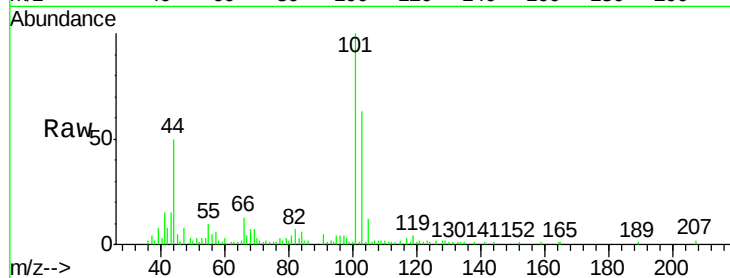
VSTDIC005

Tgt Ion:101 Resp: 12174

Ion Ratio Lower Upper

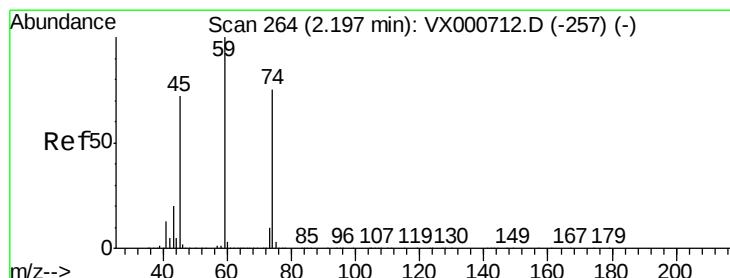
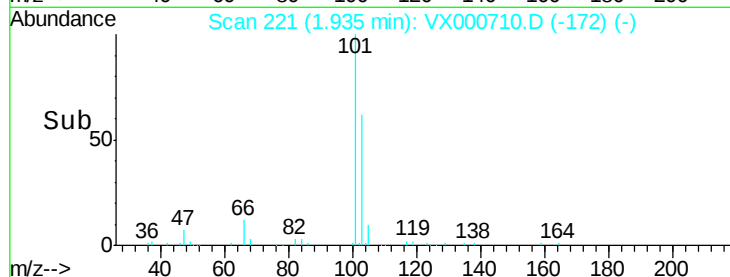
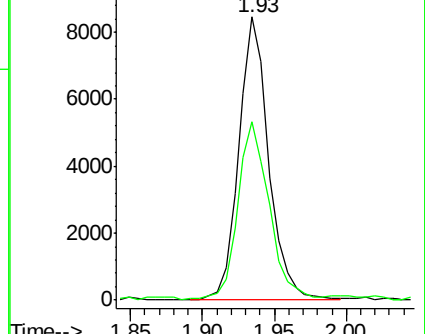
101 100

103 62.4 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 3.151 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000710.D

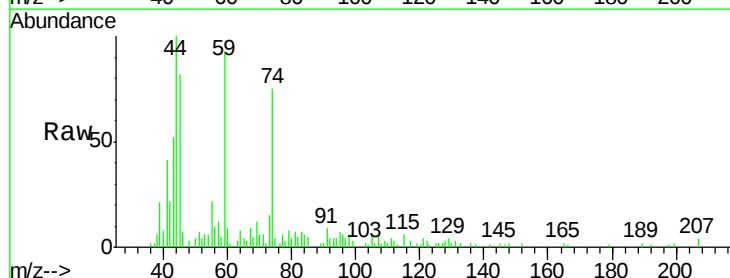
Acq: 07 Apr 2018 11:49

Tgt Ion: 74 Resp: 4535

Ion Ratio Lower Upper

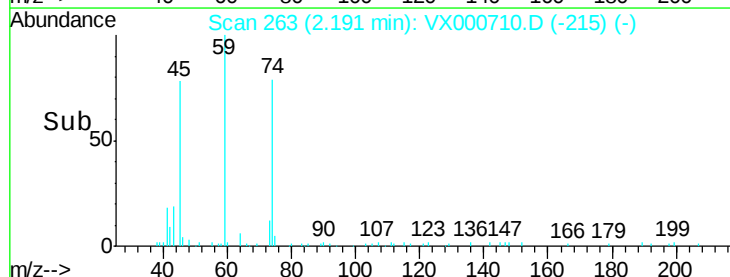
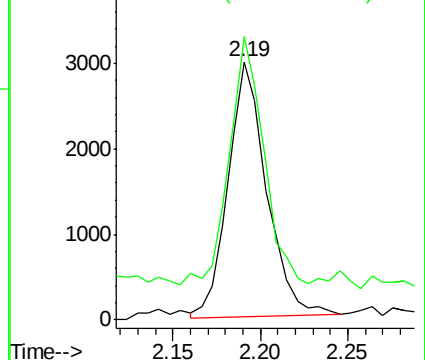
74 100

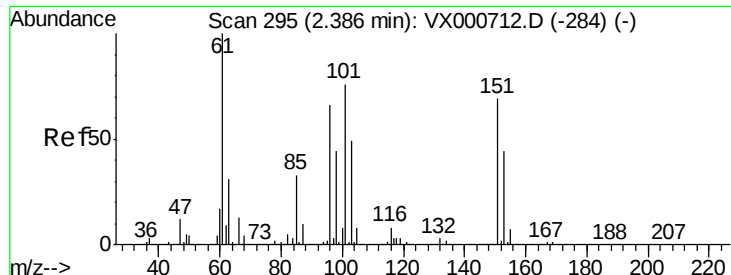
45 88.6 48.4 145.3



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: 3.238 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

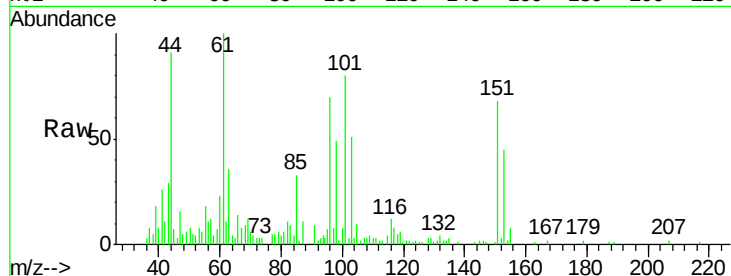
Tgt Ion:101 Resp: 7327

Ion Ratio Lower Upper

101 100

85 45.5 34.3 51.5

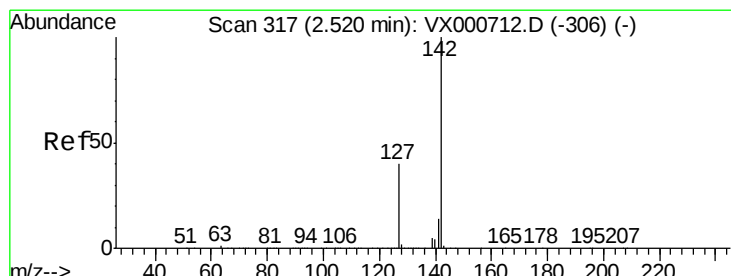
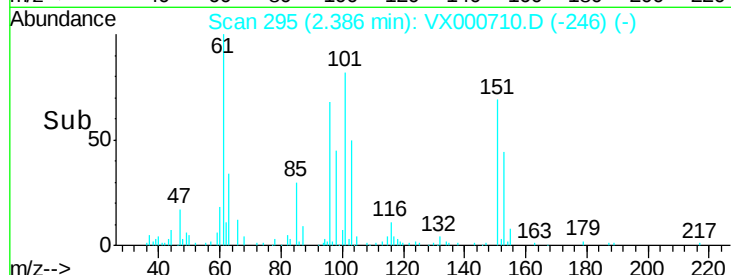
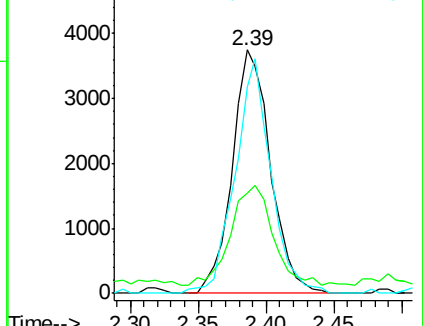
151 90.5 73.8 110.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.433 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

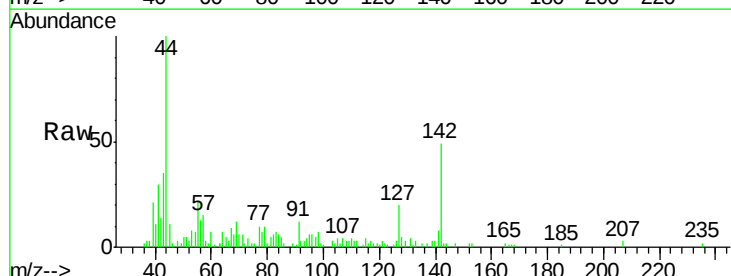
Tgt Ion:142 Resp: 3540

Ion Ratio Lower Upper

142 100

127 52.9 33.9 50.9#

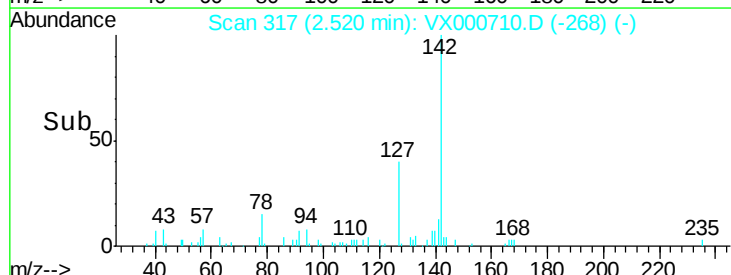
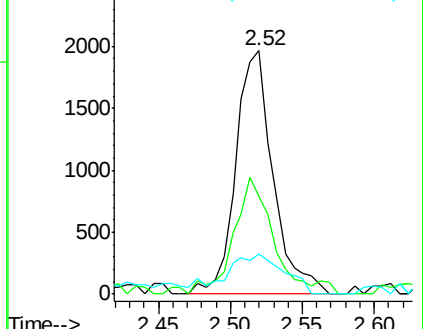
141 23.8 11.4 17.0#

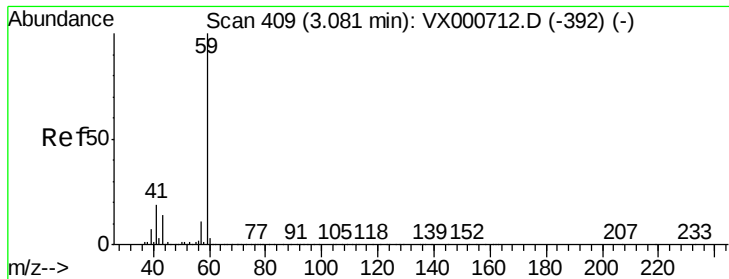


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



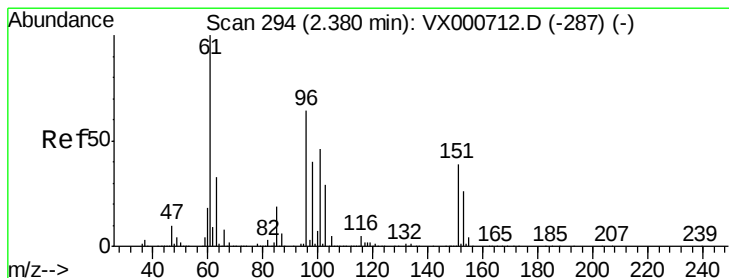
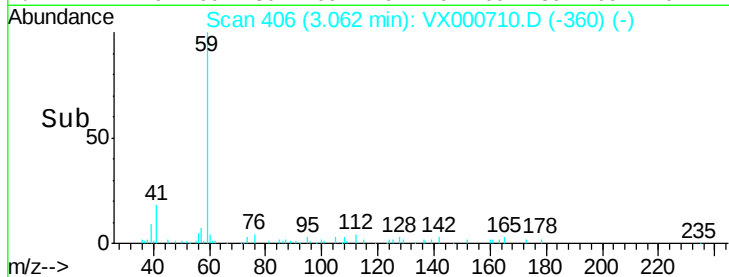
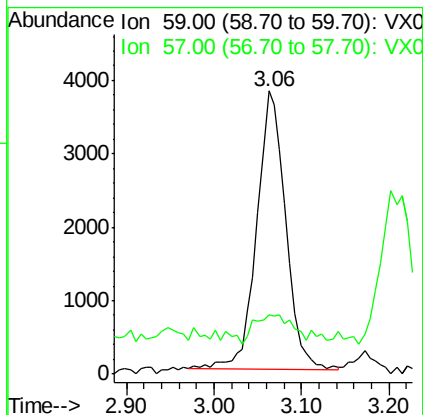
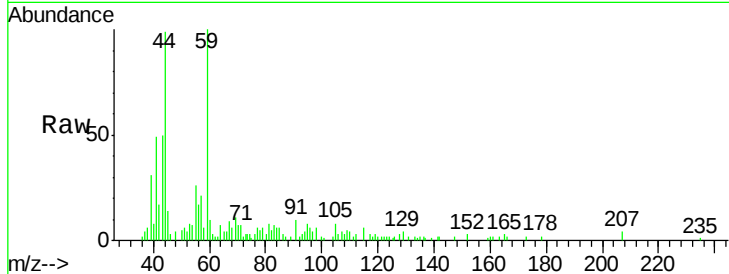


#11

Tert butyl alcohol
 Concen: 13.892 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

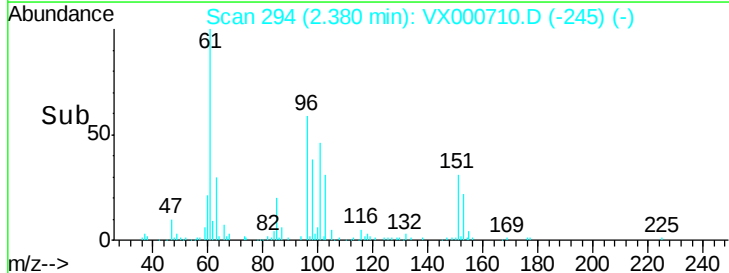
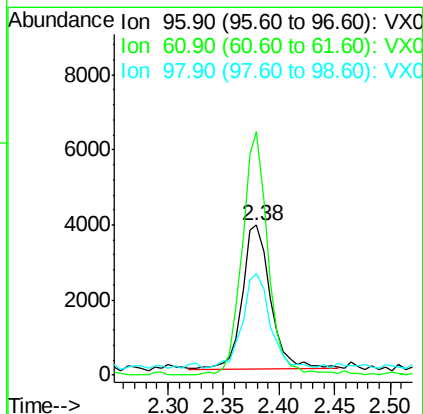
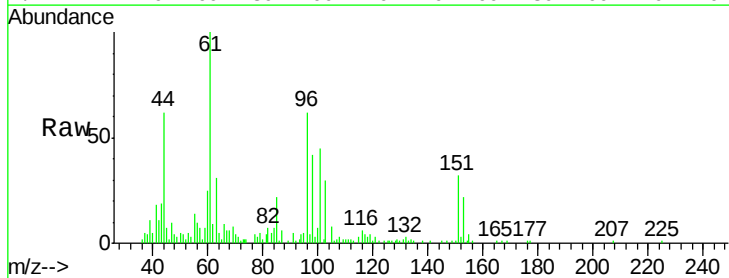
Tgt Ion: 59 Resp: 8757
 Ion Ratio Lower Upper
 59 100
 57 13.9 8.4 12.6#

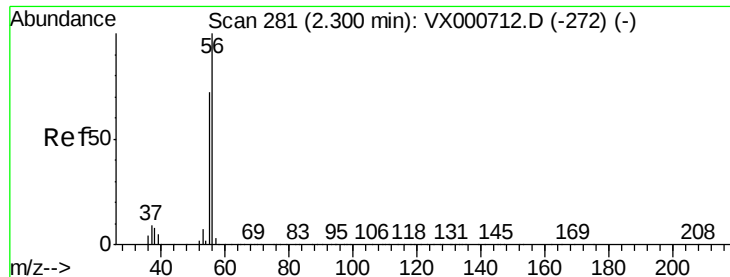


#12

1,1-Dichloroethene
 Concen: 3.333 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 96 Resp: 6787
 Ion Ratio Lower Upper
 96 100
 61 169.5 125.0 187.4
 98 63.1 50.5 75.7





#13

Acrolein

Concen: 19.663 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

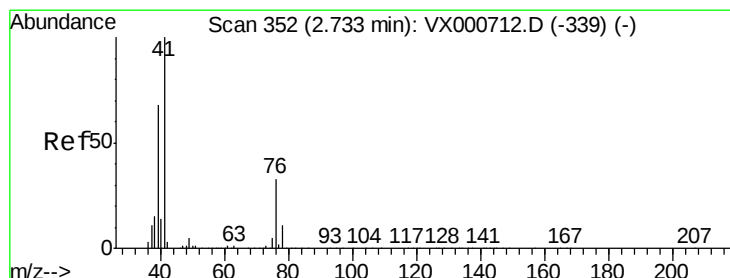
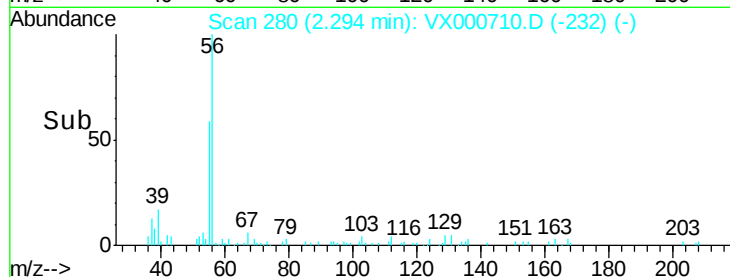
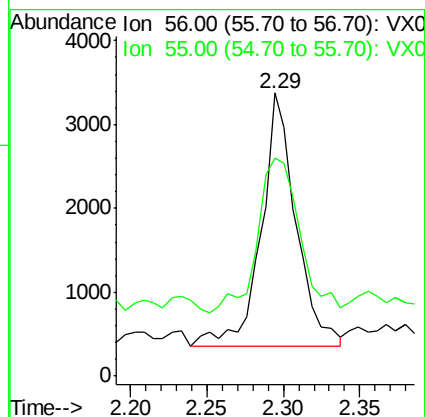
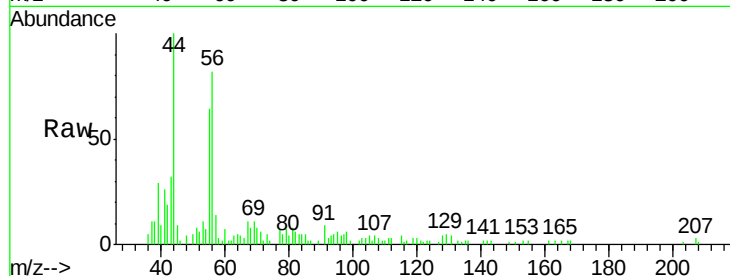
VSTDIC005

Tgt Ion: 56 Resp: 4789

Ion Ratio Lower Upper

56 100

55 73.7 57.4 86.2



#14

Allyl chloride

Concen: 3.281 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

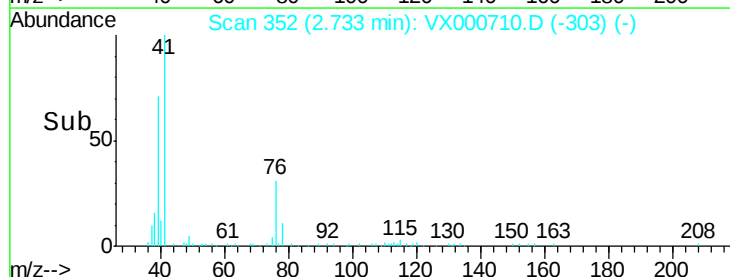
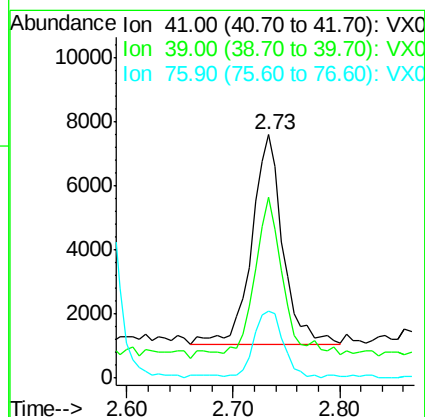
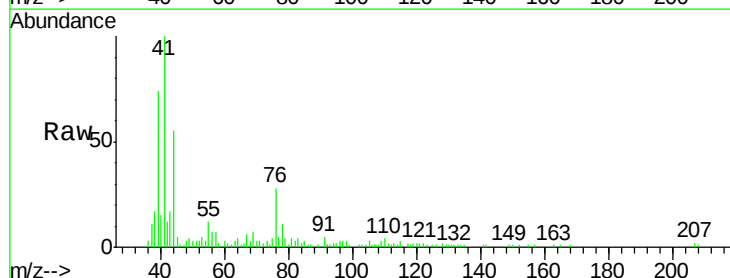
Tgt Ion: 41 Resp: 13349

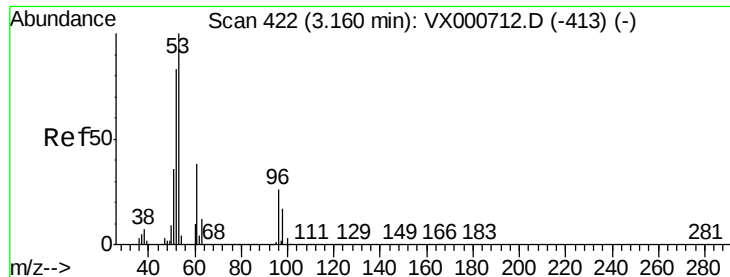
Ion Ratio Lower Upper

41 100

39 71.0 52.4 78.6

76 31.1 25.9 38.9





#15

Acrylonitrile

Concen: 13.509 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

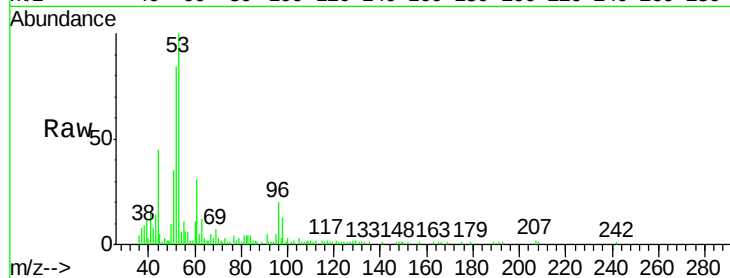
Tgt Ion: 53 Resp: 17035

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

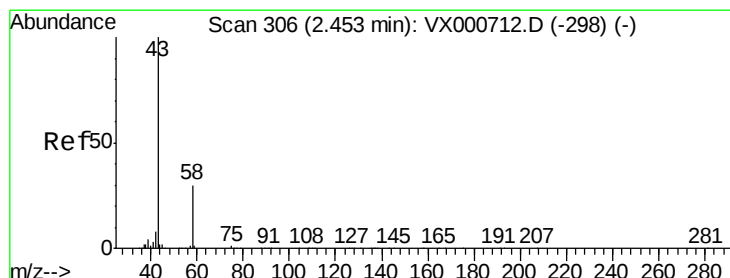
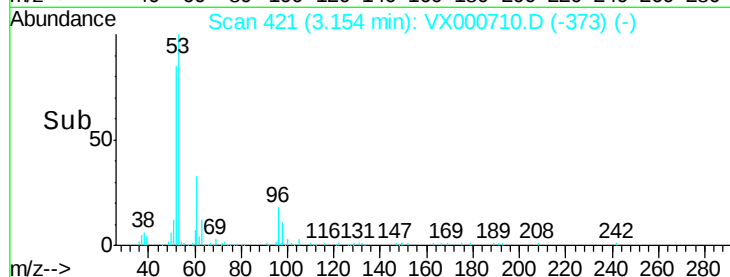
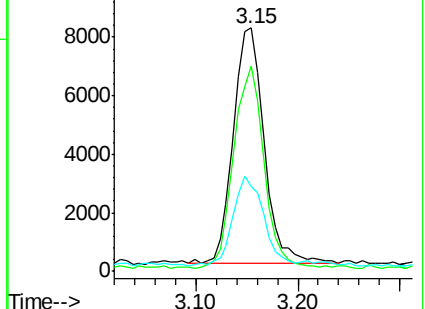
51 37.3 29.1 43.7



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: 15.286 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000710.D

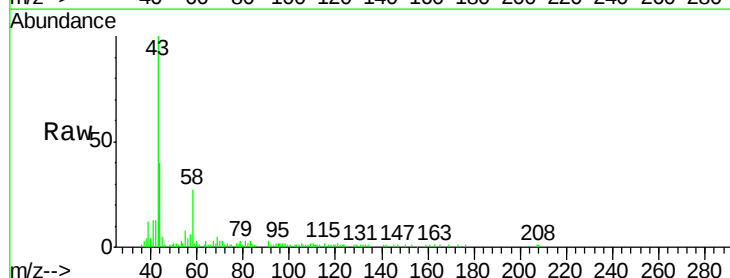
Acq: 07 Apr 2018 11:49

Tgt Ion: 43 Resp: 16181

Ion Ratio Lower Upper

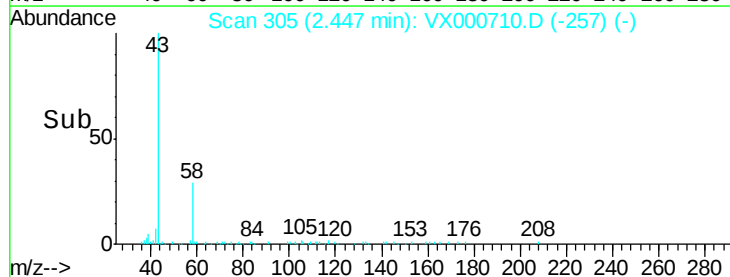
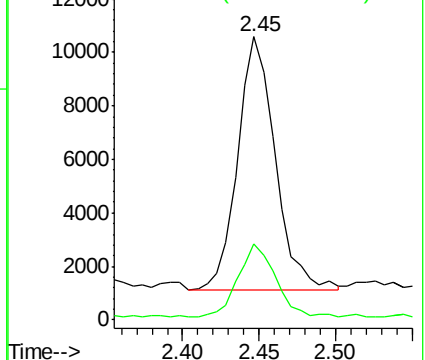
43 100

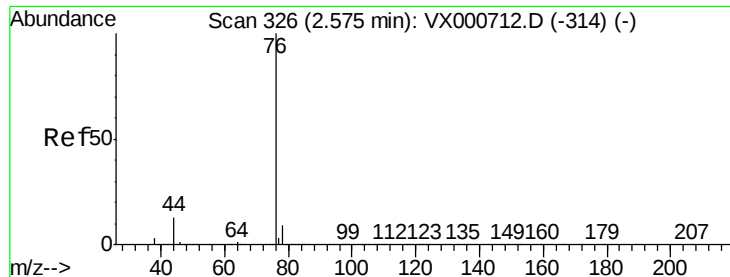
58 28.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

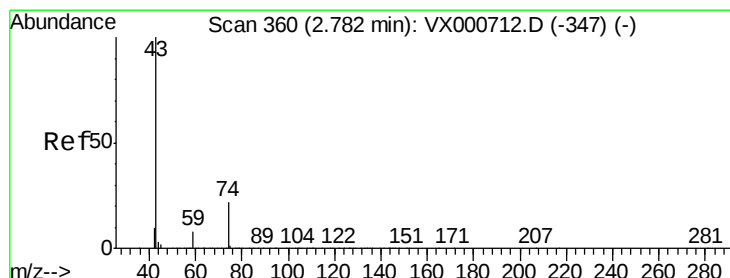
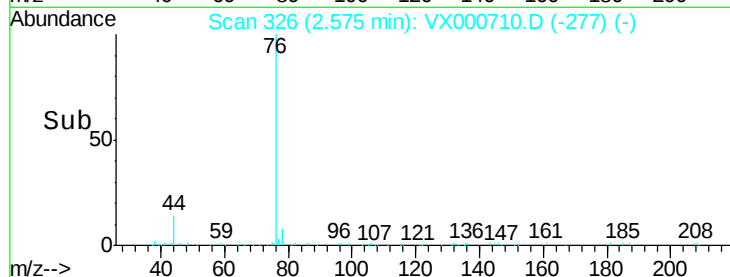
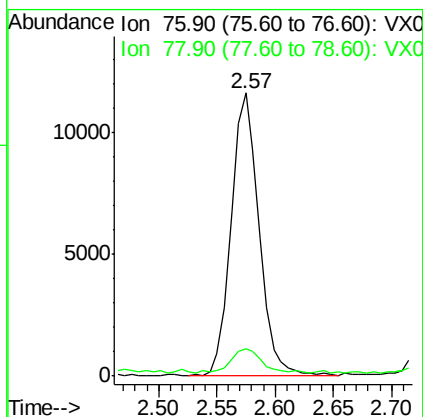
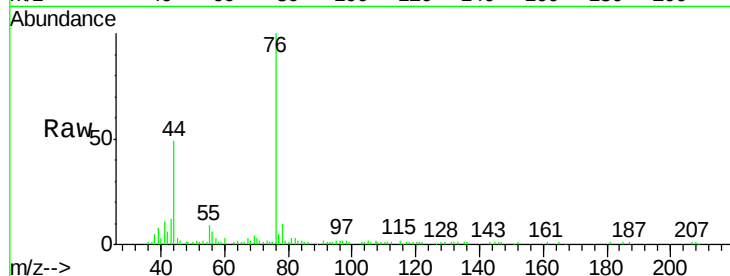




#17
Carbon Disulfide
Concen: 4.016 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

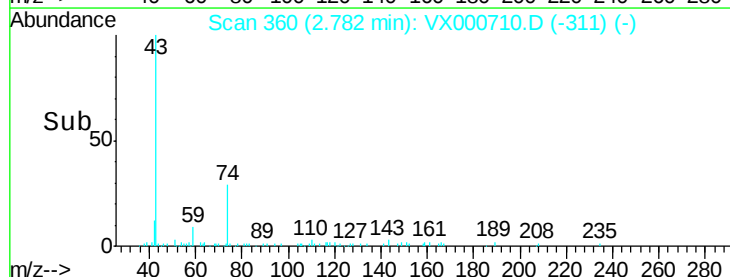
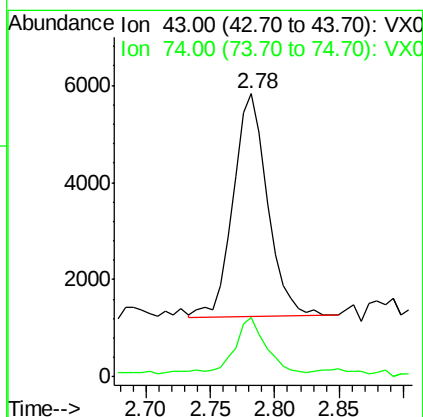
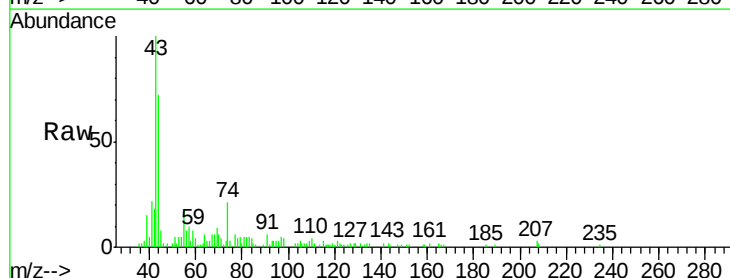
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

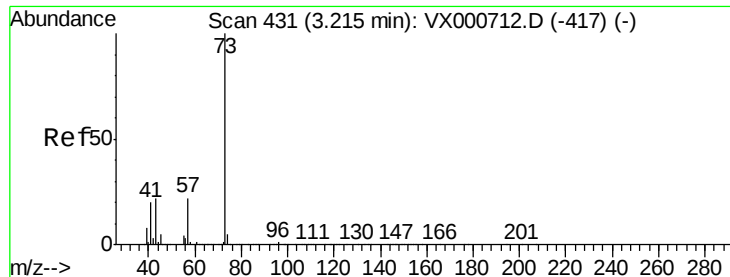
Tgt Ion: 76 Resp: 19438
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#18
Methyl Acetate
Concen: 2.509 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 43 Resp: 8453
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.6



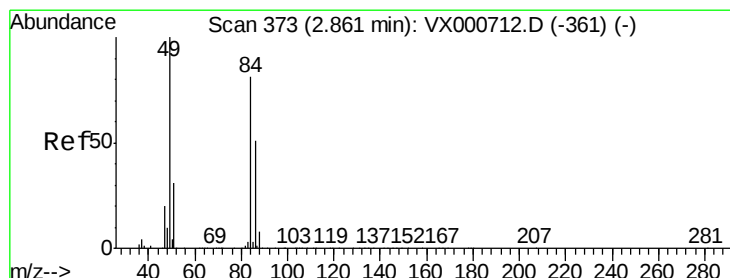
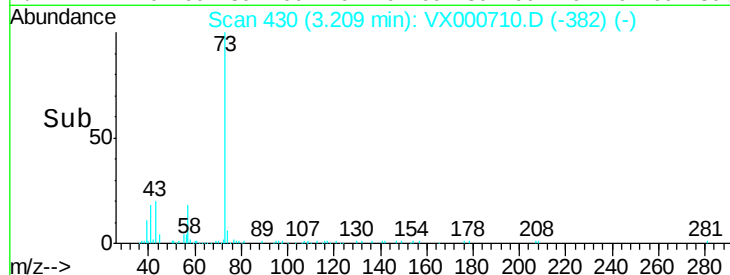
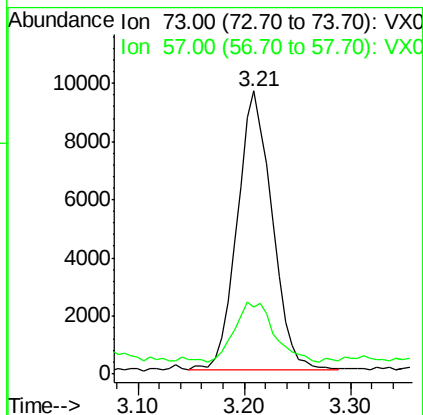
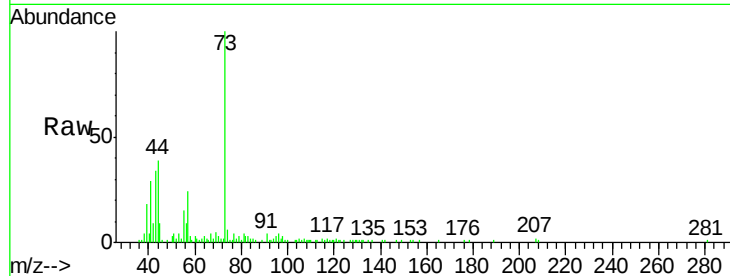


#19

Methyl tert-butyl Ether
 Concen: 2.813 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

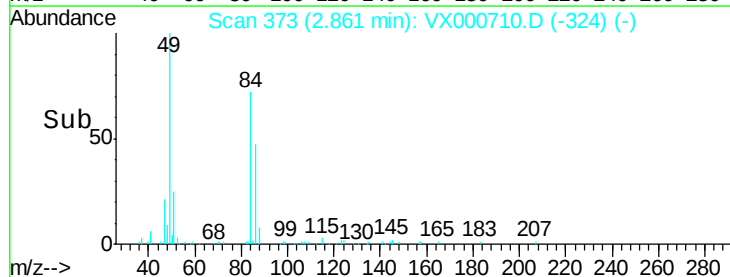
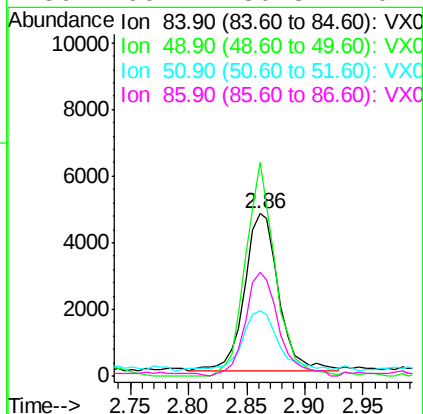
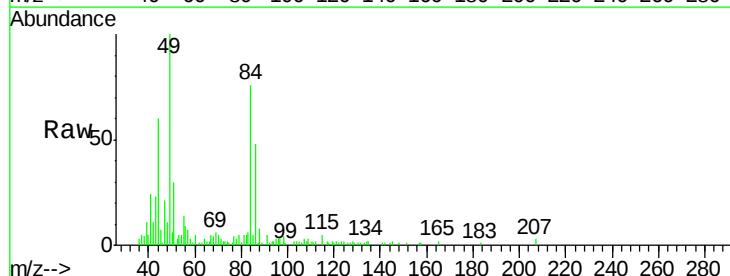
Tgt Ion: 73 Resp: 22136
 Ion Ratio Lower Upper
 73 100
 57 19.2 17.3 25.9

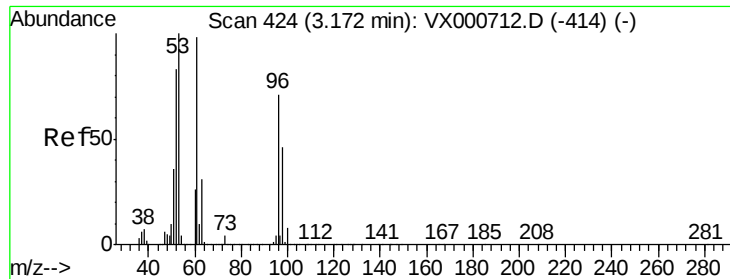


#20

Methylene Chloride
 Concen: 4.145 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 84 Resp: 9643
 Ion Ratio Lower Upper
 84 100
 49 136.4 98.6 148.0
 51 36.5 30.8 46.2
 86 66.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 3.477 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

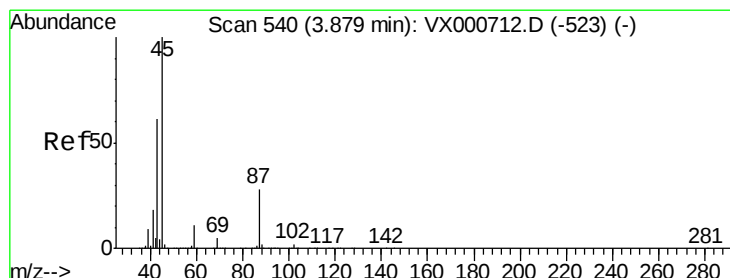
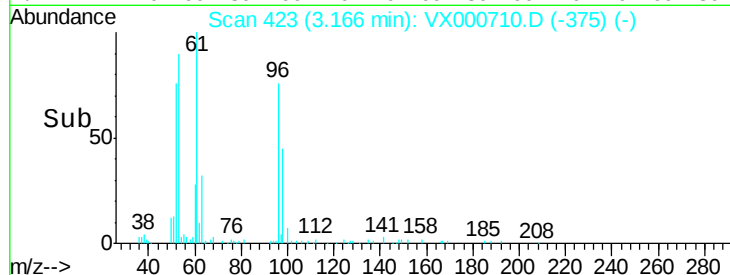
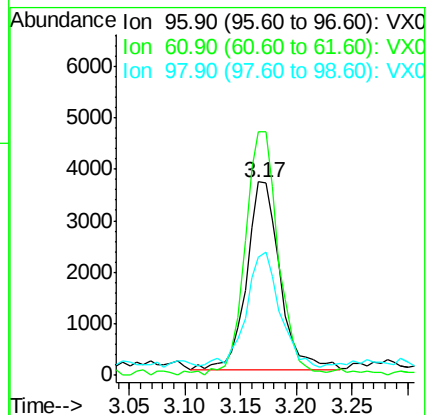
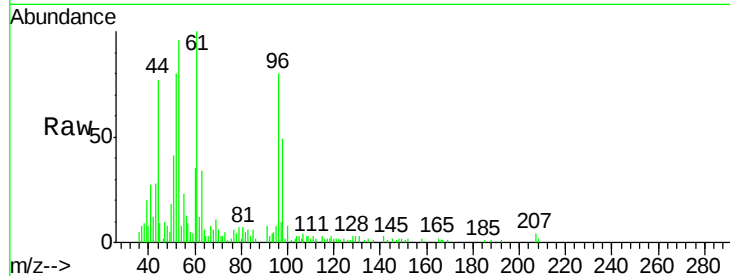
Tgt Ion: 96 Resp: 7589

Ion Ratio Lower Upper

96 100

61 128.0 109.8 164.6

98 57.0 51.5 77.3



#22

Diisopropyl ether

Concen: 2.717 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Tgt Ion: 45 Resp: 22737

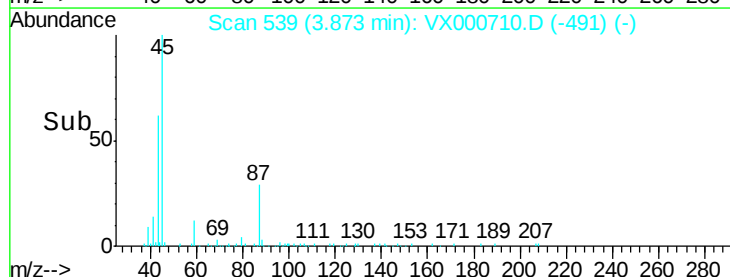
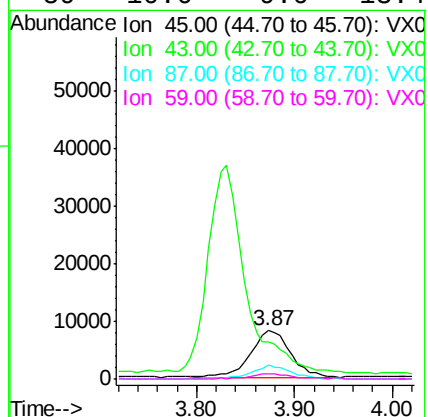
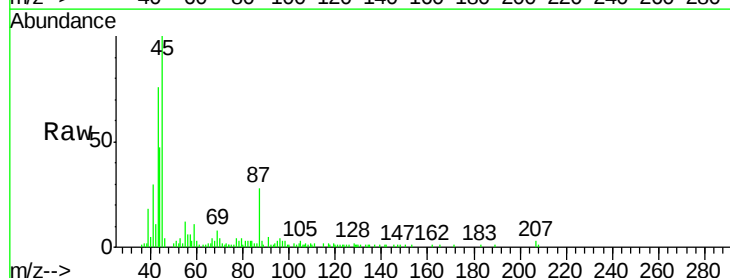
Ion Ratio Lower Upper

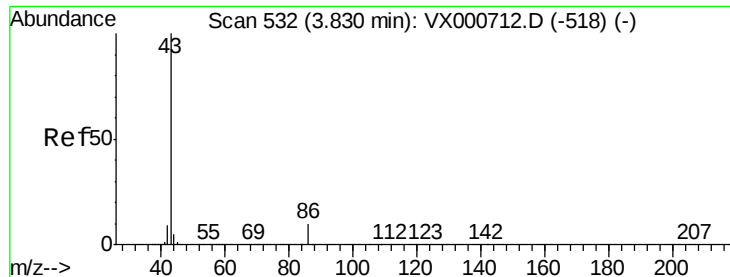
45 100

43 63.1 49.2 73.8

87 28.9 22.7 34.1

59 10.6 9.0 13.4





#23

Vinyl Acetate

Concen: 13.209 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

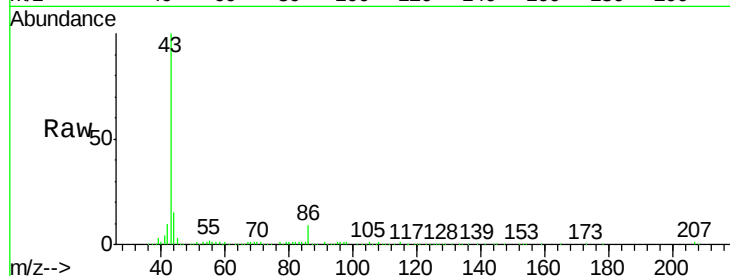
VSTDIC005

Tgt Ion: 43 Resp: 96127

Ion Ratio Lower Upper

43 100

86 9.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

40000

30000

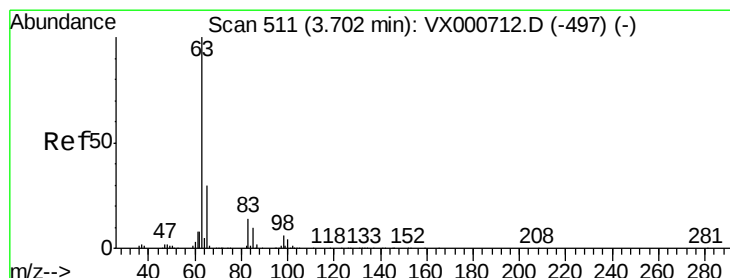
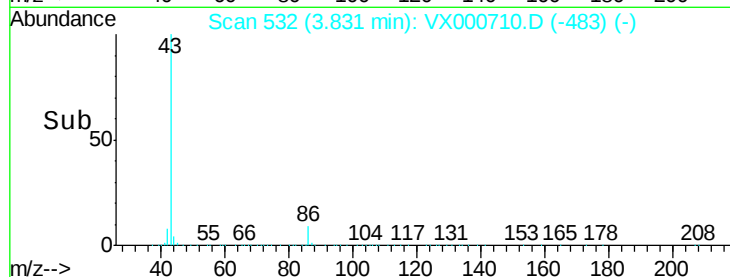
20000

10000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 2.801 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

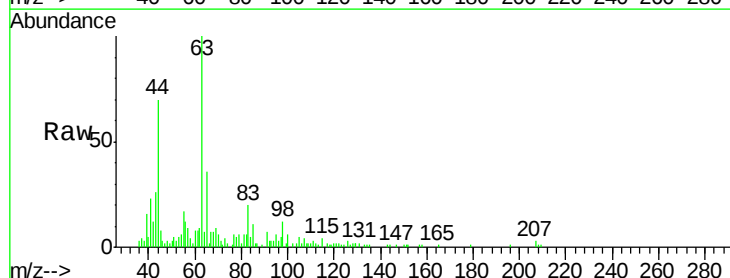
Tgt Ion: 63 Resp: 12206

Ion Ratio Lower Upper

63 100

98 7.9 2.9 8.8

100 5.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

6000

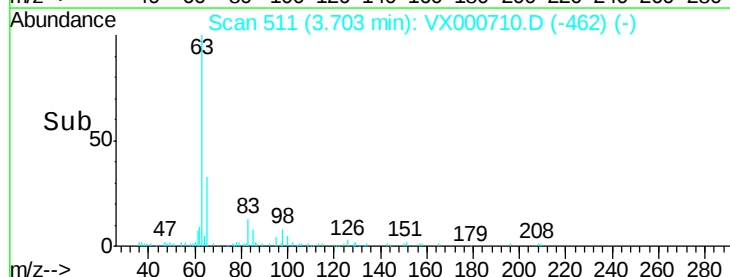
4000

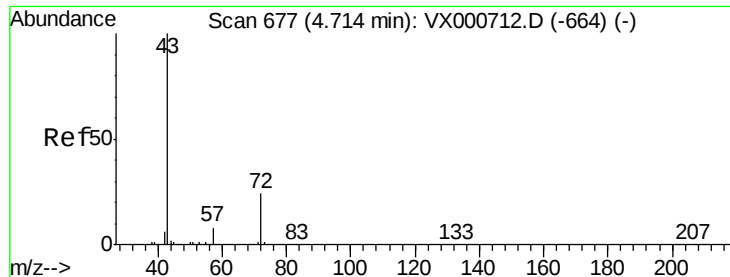
2000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#25

2-Butanone

Concen: 13.327 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

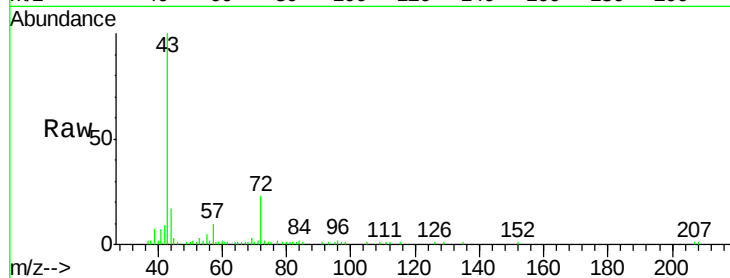
VSTDIC005

Tgt Ion: 43 Resp: 25992

Ion Ratio Lower Upper

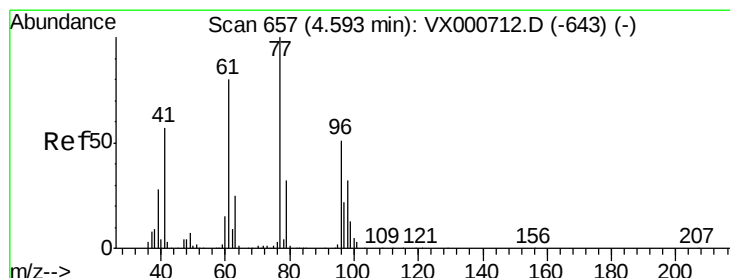
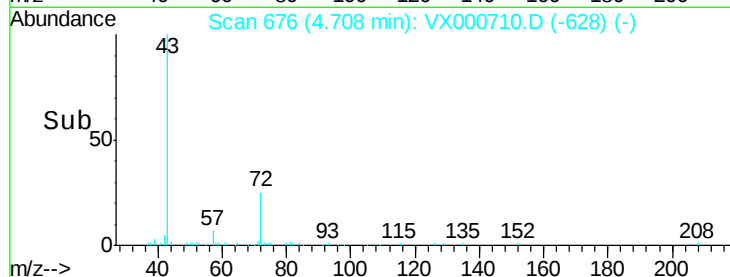
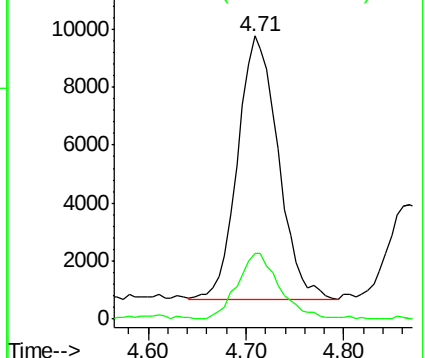
43 100

72 24.1 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: 3.018 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000710.D

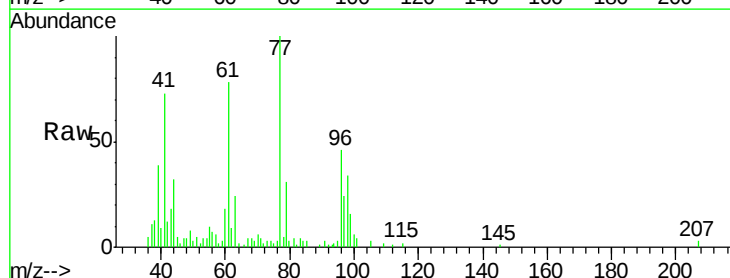
Acq: 07 Apr 2018 11:49

Tgt Ion: 77 Resp: 13063

Ion Ratio Lower Upper

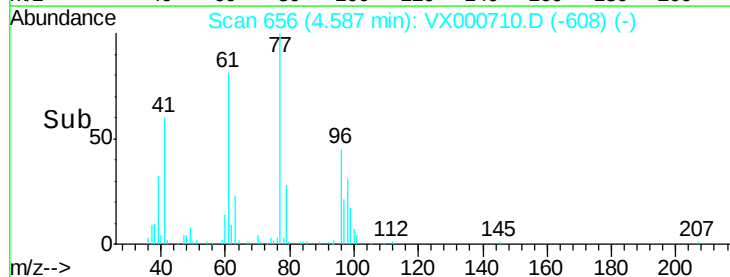
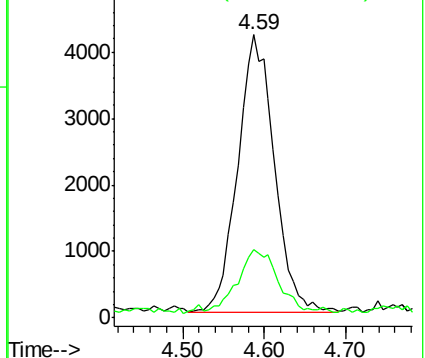
77 100

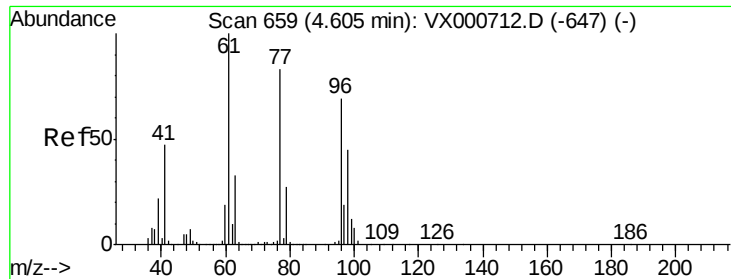
97 23.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



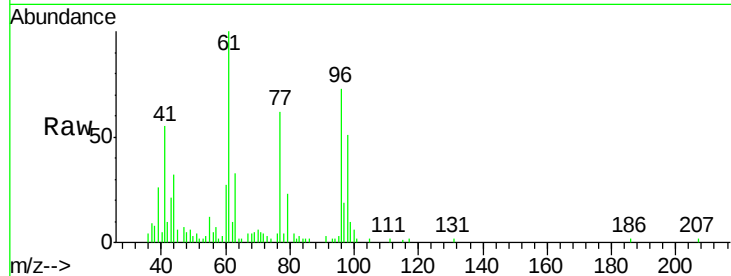


#27

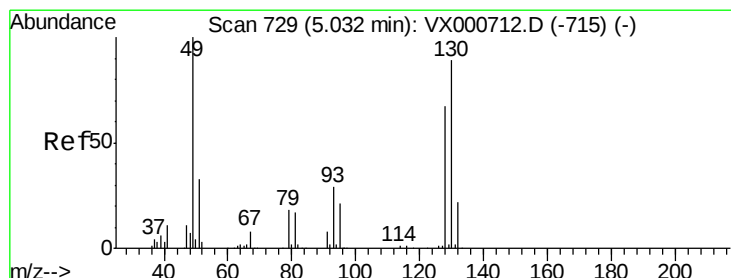
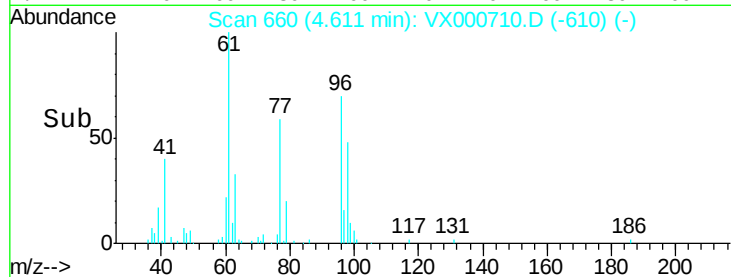
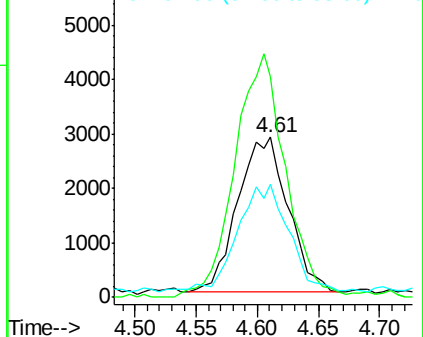
cis-1,2-Dichloroethene
 Concen: 2.889 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 8101
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 301.0
 98 70.9 0.0 129.6



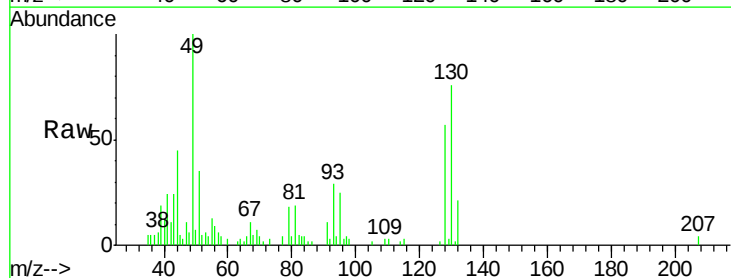
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



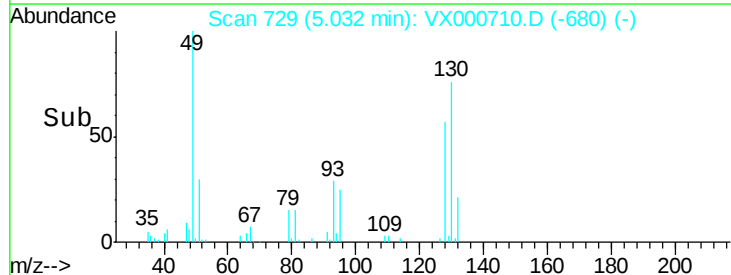
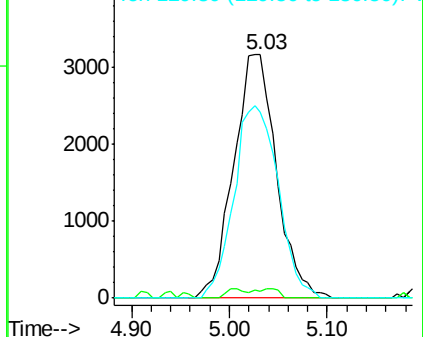
#28

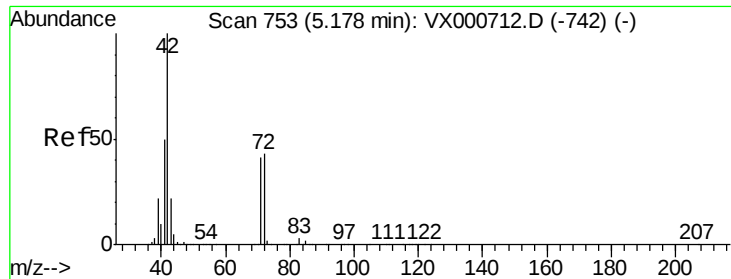
Bromochloromethane
 Concen: 4.987 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 49 Resp: 9591
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.4
 130 81.6 69.0 103.4



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

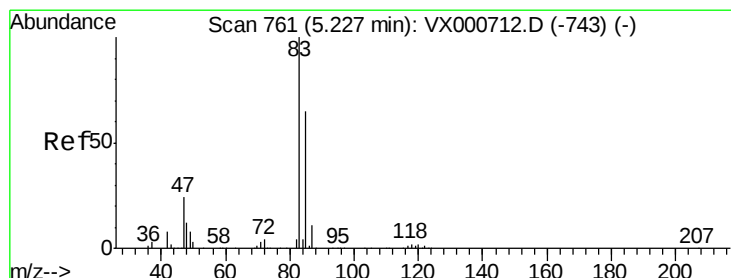
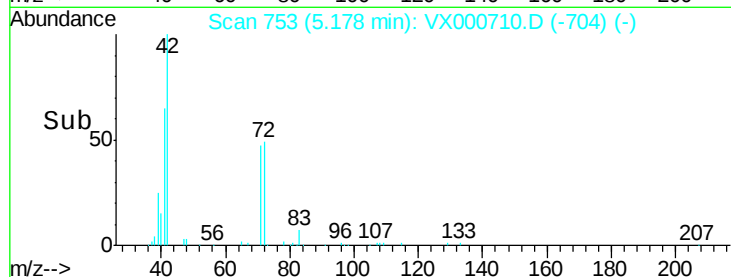
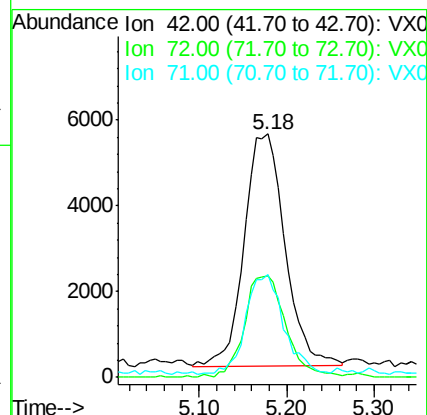
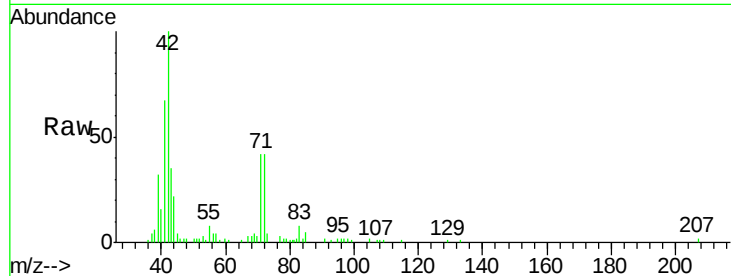




#29
Tetrahydrofuran
Concen: 14.152 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

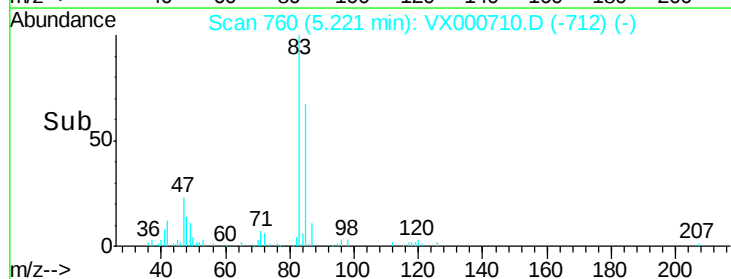
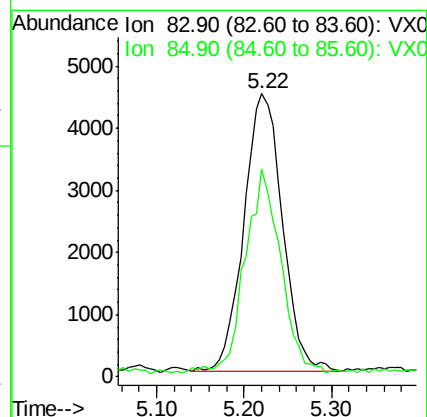
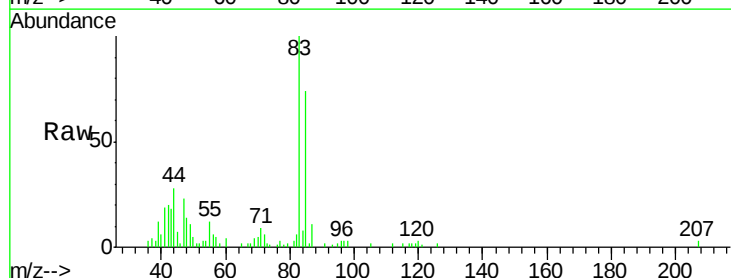
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

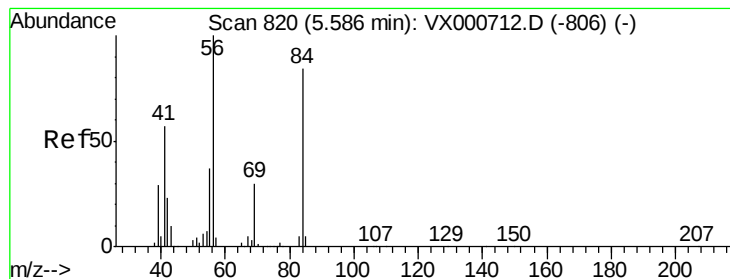
Tgt Ion: 42 Resp: 17607
Ion Ratio Lower Upper
42 100
72 44.4 34.4 51.6
71 39.0 32.0 48.0



#30
Chloroform
Concen: 2.929 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 83 Resp: 13715
Ion Ratio Lower Upper
83 100
85 73.0 52.3 78.5





#31

Cyclohexane

Concen: 3.454 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

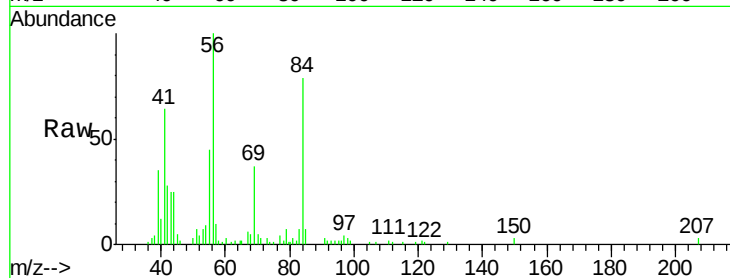
Tgt Ion: 56 Resp: 12565

Ion Ratio Lower Upper

56 100

69 34.3 23.8 35.6

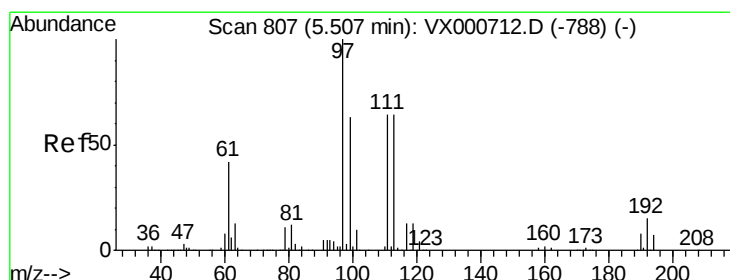
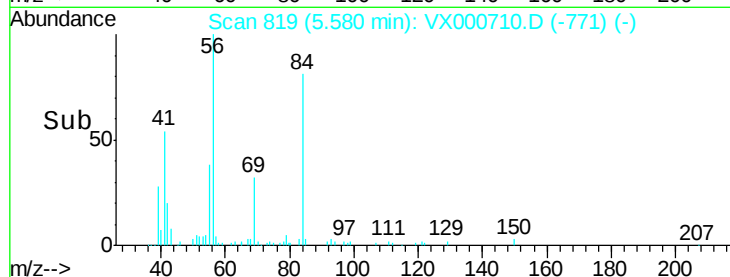
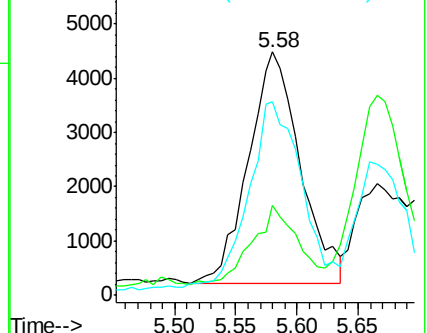
84 78.6 67.4 101.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 3.062 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

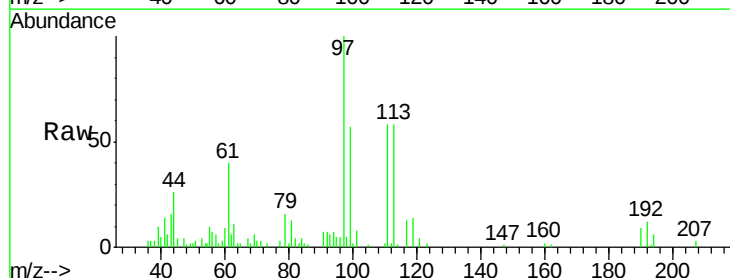
Tgt Ion: 97 Resp: 13662

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

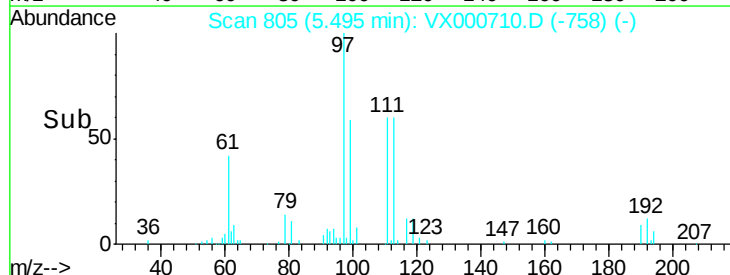
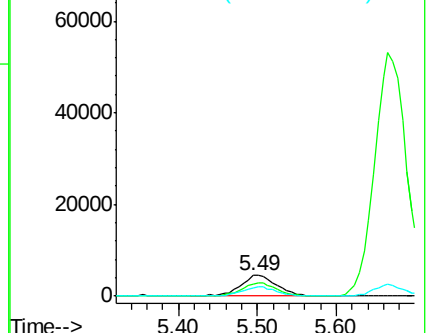
61 43.7 34.2 51.4

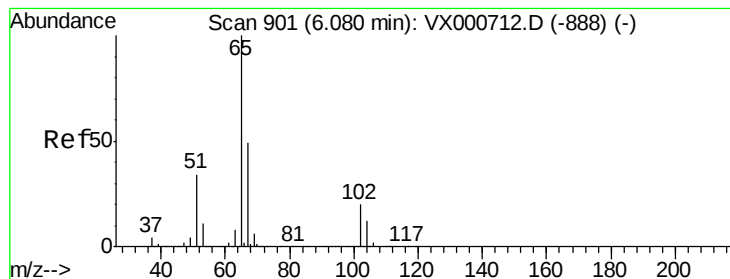


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 4.309 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

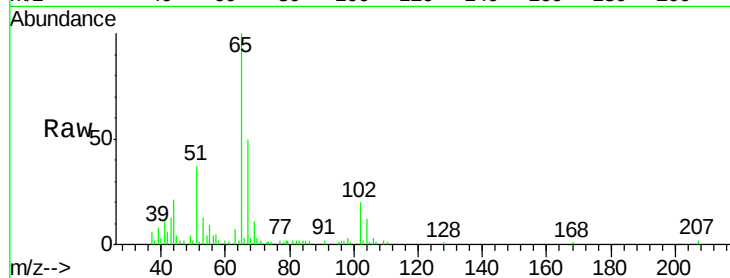
VSTDIC005

Tgt Ion: 65 Resp: 14525

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

6000

5000

4000

3000

2000

1000

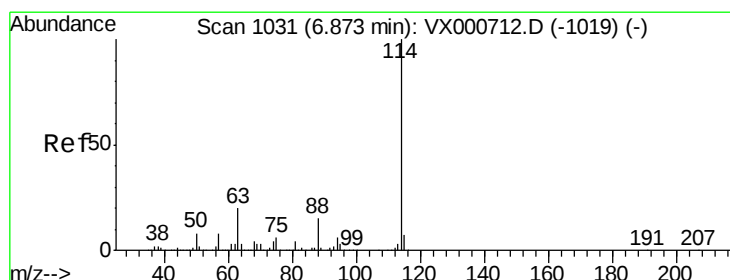
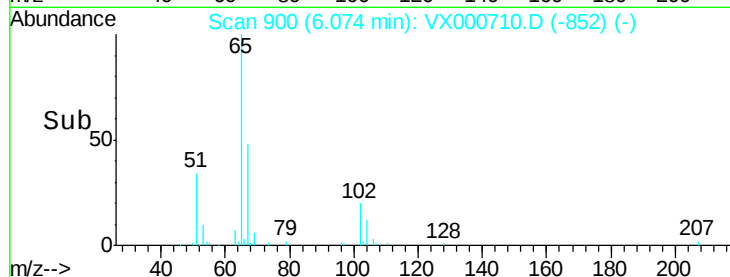
0

6.00

6.10

6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

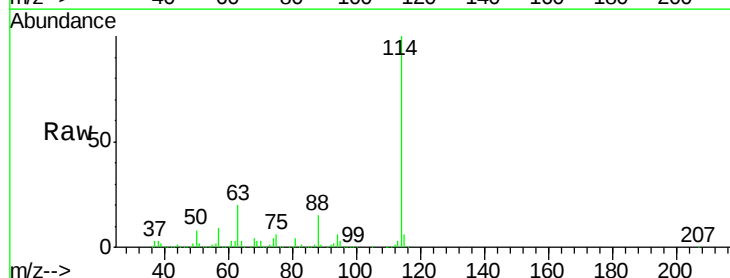
Tgt Ion: 114 Resp: 418489

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

200000

150000

100000

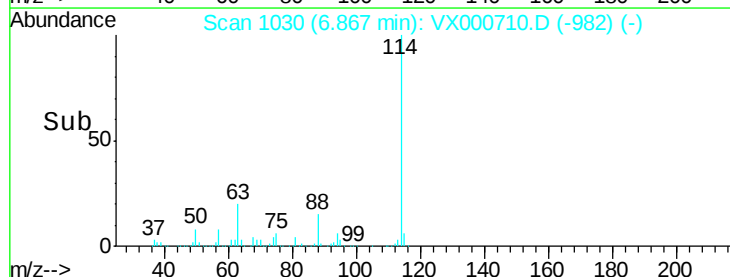
50000

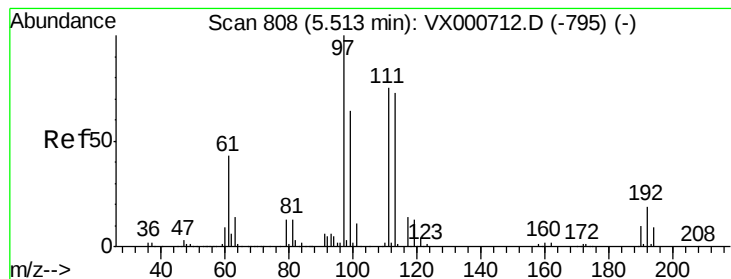
0

6.80

7.00

Time-->





#35

Dibromofluoromethane

Concen: 3.736 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

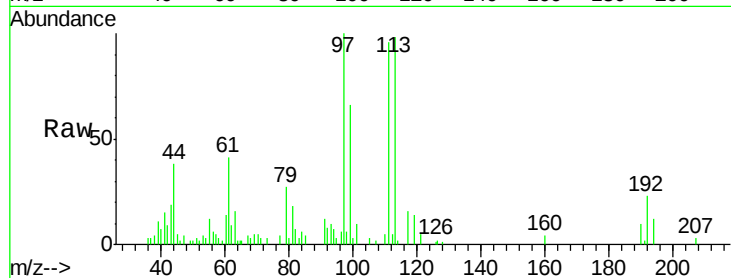
Tgt Ion:113 Resp: 10212

Ion Ratio Lower Upper

113 100

111 105.2 81.5 122.3

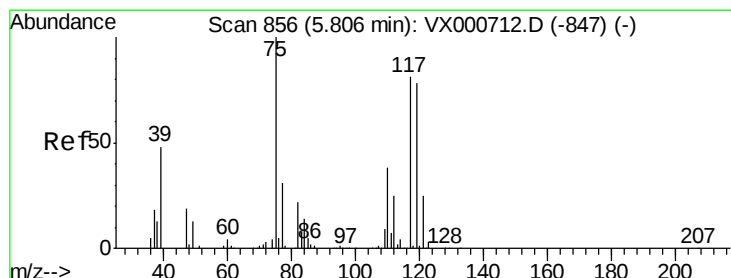
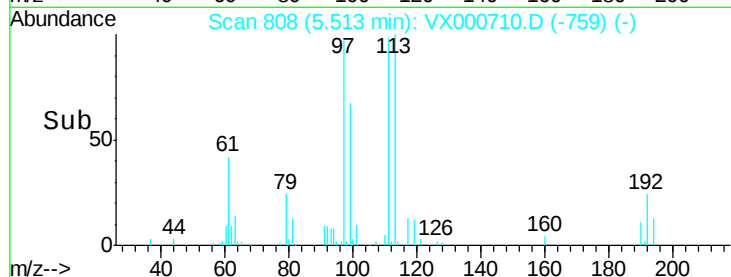
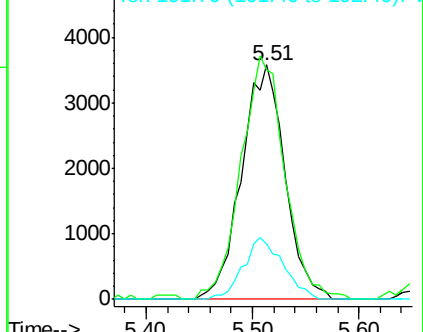
192 24.3 20.0 30.0



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: 3.376 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

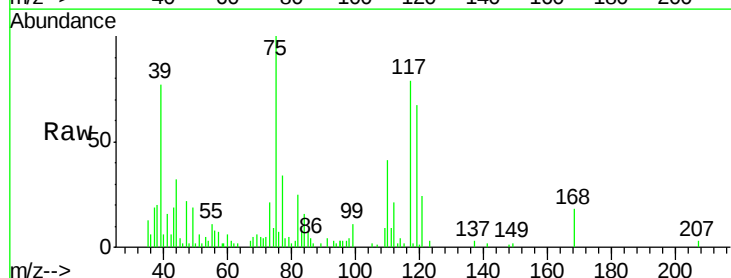
Tgt Ion: 75 Resp: 11192

Ion Ratio Lower Upper

75 100

110 39.2 18.6 56.0

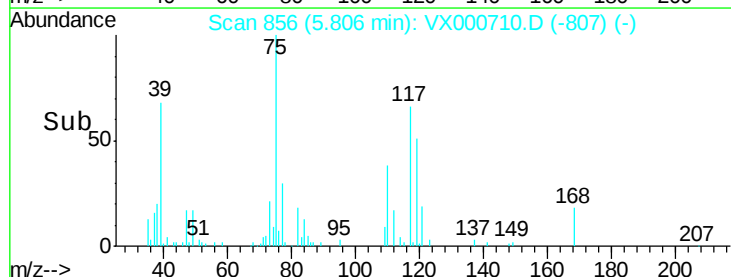
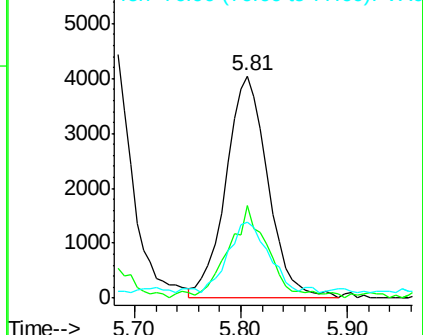
77 29.8 24.6 37.0

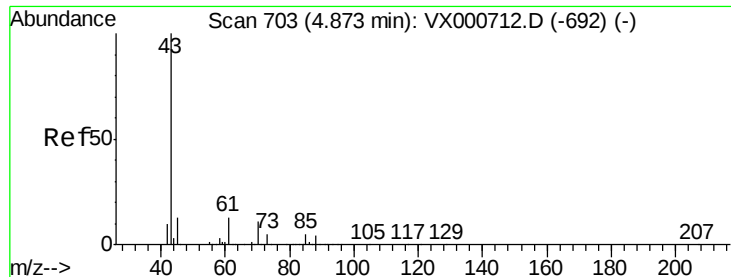


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

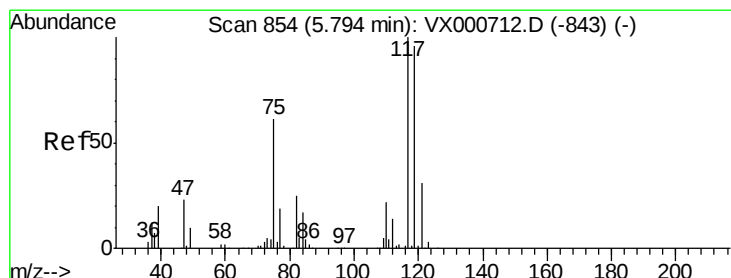
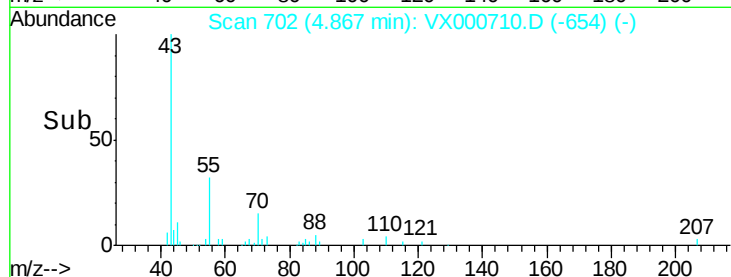
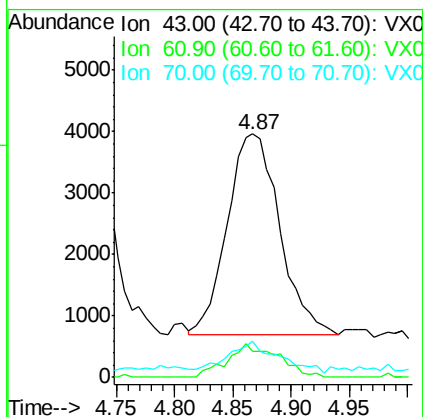
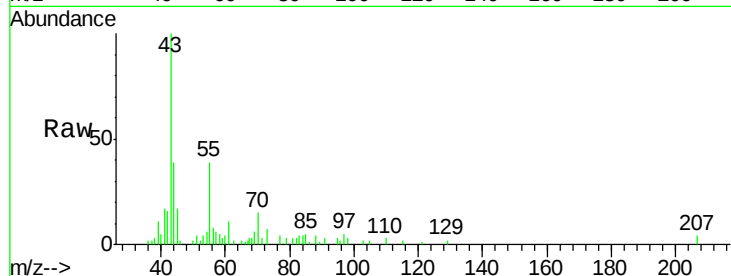




#37
Ethyl Acetate
Concen: 2.701 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

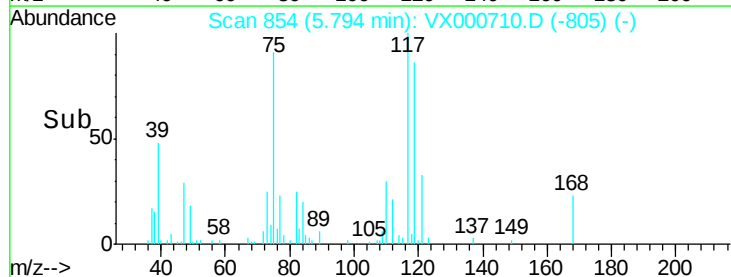
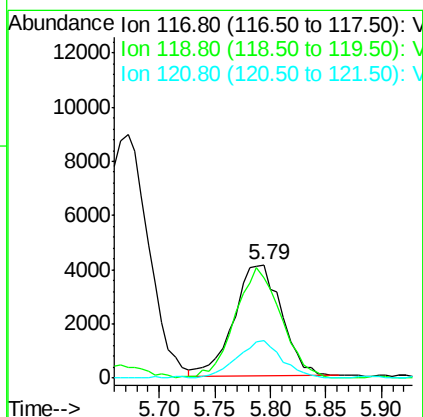
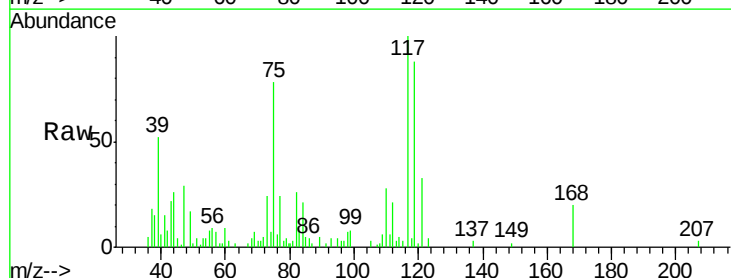
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

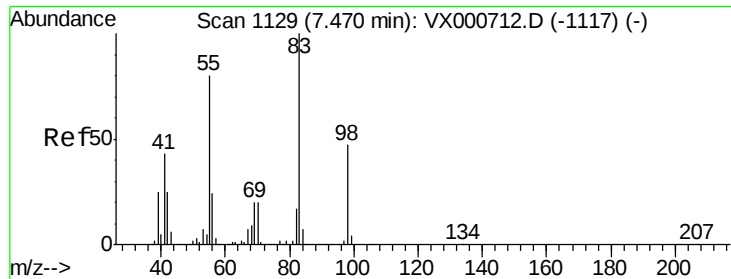
Tgt Ion: 43 Resp: 10164
Ion Ratio Lower Upper
43 100
61 16.3 10.5 15.7#
70 15.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 3.055 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 117 Resp: 12291
Ion Ratio Lower Upper
117 100
119 90.7 76.7 115.1
121 33.8 24.7 37.1

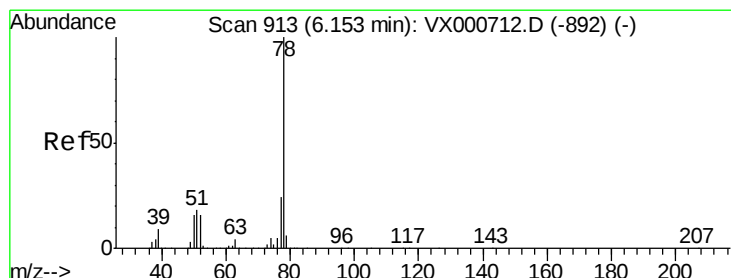
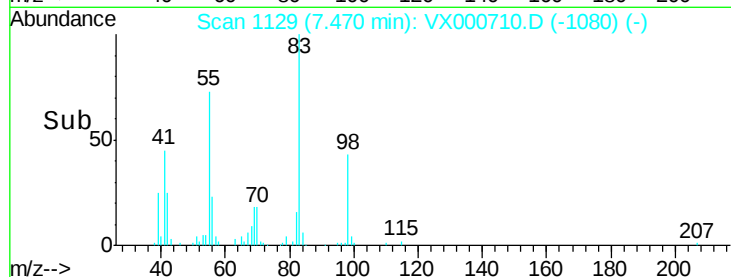
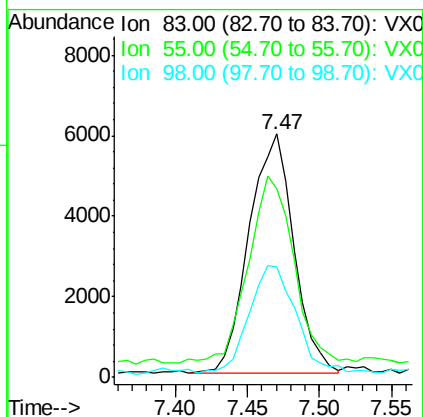
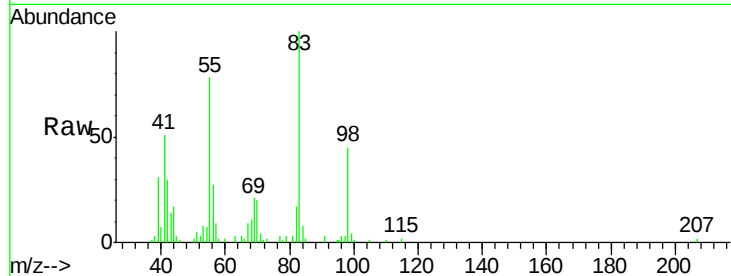




#39
Methylcyclohexane
Concen: 3.358 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

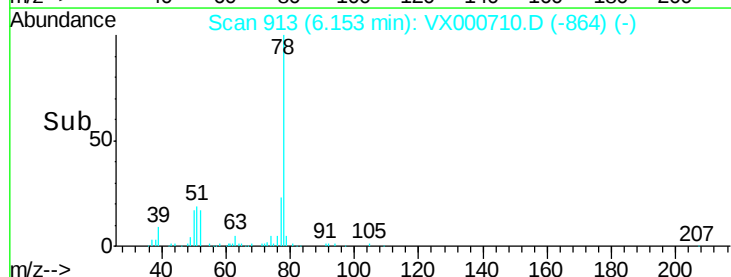
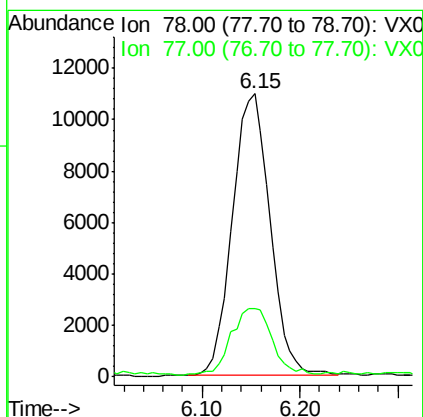
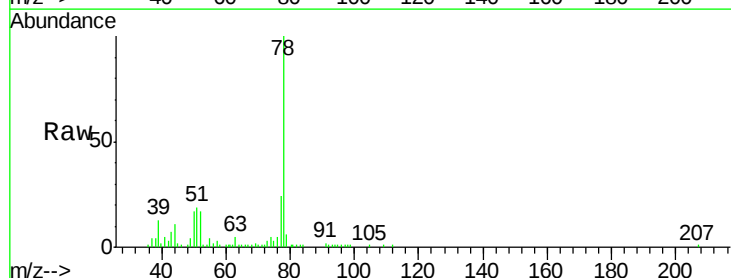
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

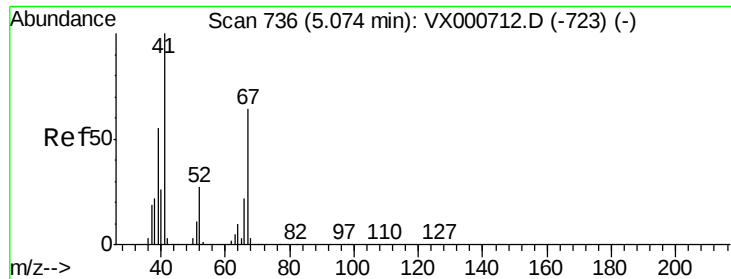
Tgt Ion: 83 Resp: 12795
Ion Ratio Lower Upper
83 100
55 71.6 63.7 95.5
98 42.7 37.2 55.8



#40
Benzene
Concen: 3.040 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 78 Resp: 29383
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

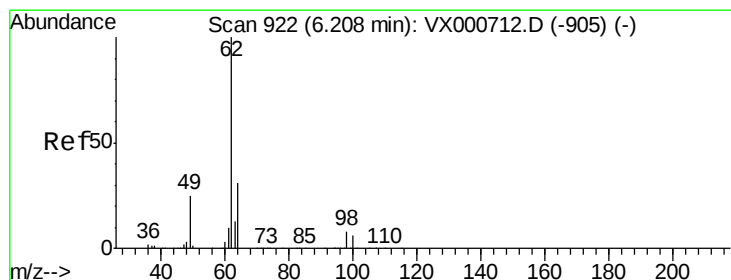
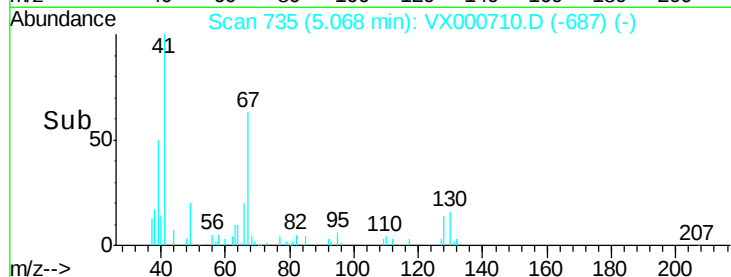
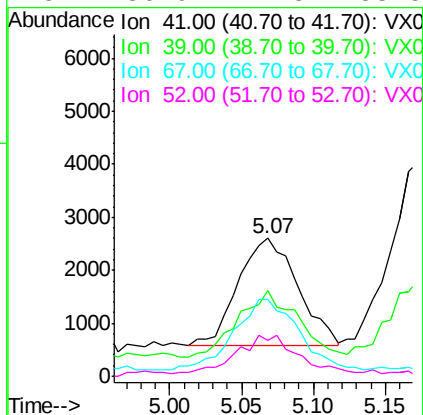
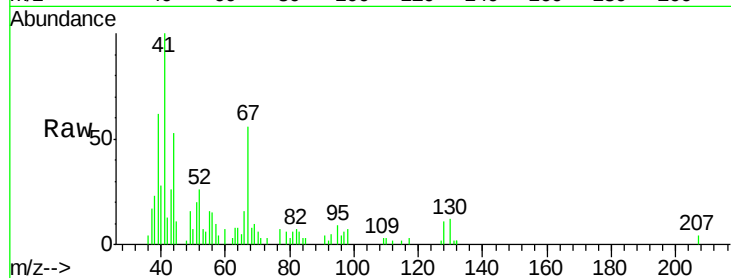




#41
Methacrylonitrile
Concen: 2.617 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

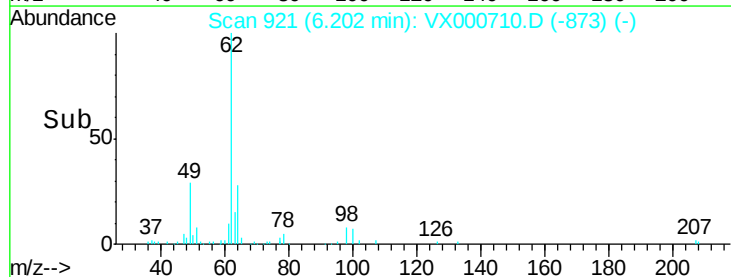
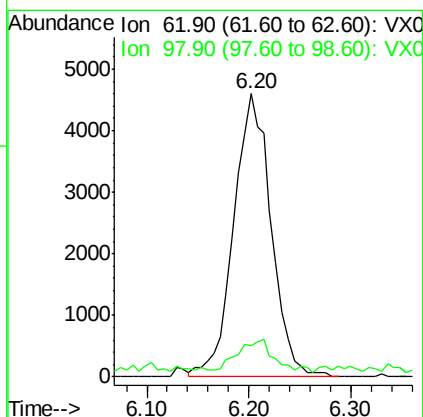
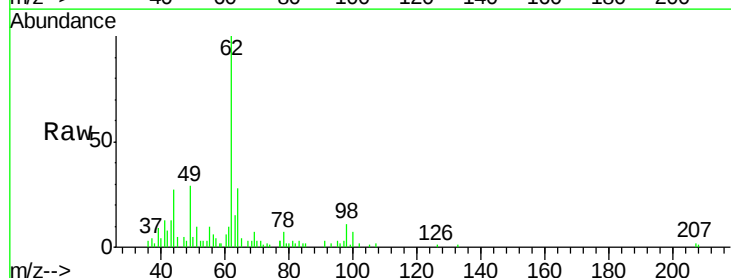
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

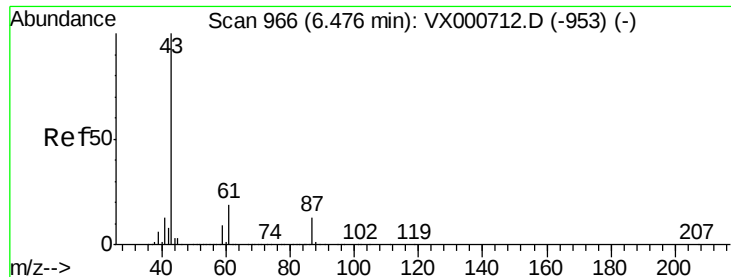
Tgt Ion: 41 Resp: 5803
Ion Ratio Lower Upper
41 100
39 62.4 45.3 67.9
67 72.4 52.7 79.1
52 36.9 22.3 33.5#



#42
1,2-Dichloroethane
Concen: 3.042 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 62 Resp: 11707
Ion Ratio Lower Upper
62 100
98 11.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 2.915 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

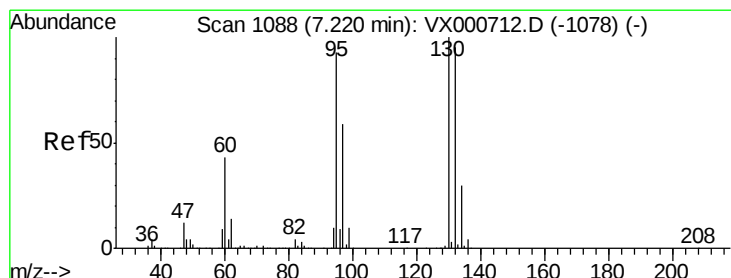
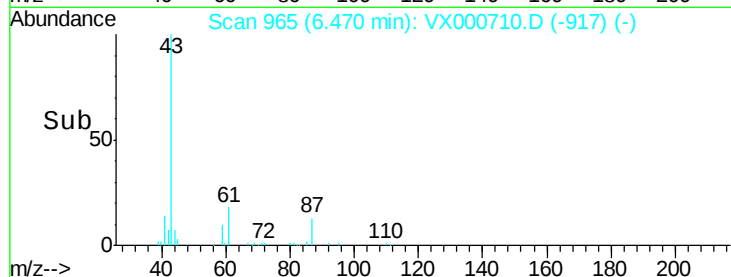
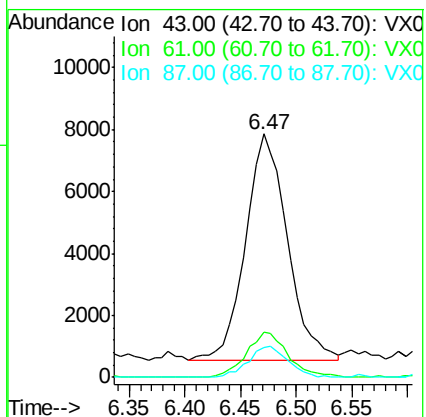
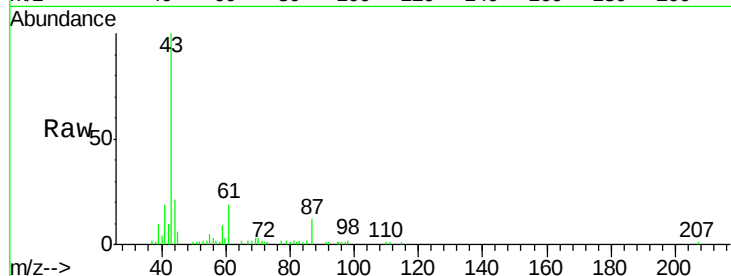
Tgt Ion: 43 Resp: 19263

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

87 13.1 10.4 15.6



#44

Trichloroethene

Concen: 3.148 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000710.D

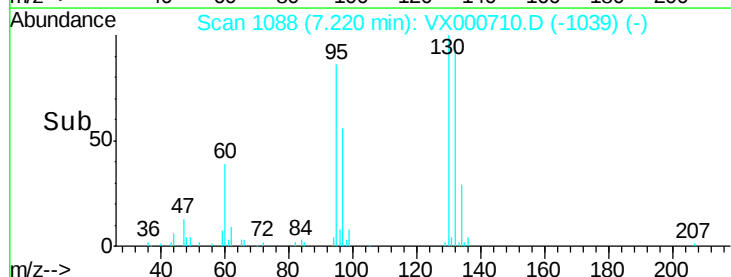
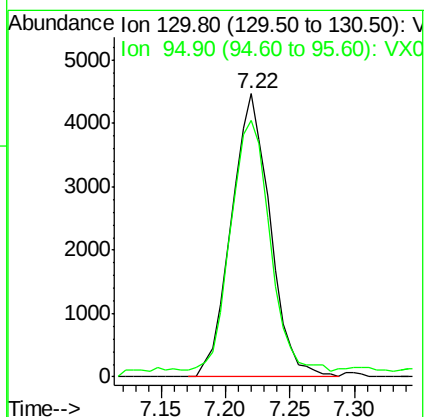
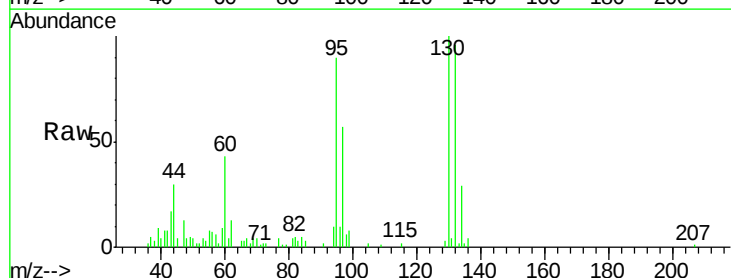
Acq: 07 Apr 2018 11:49

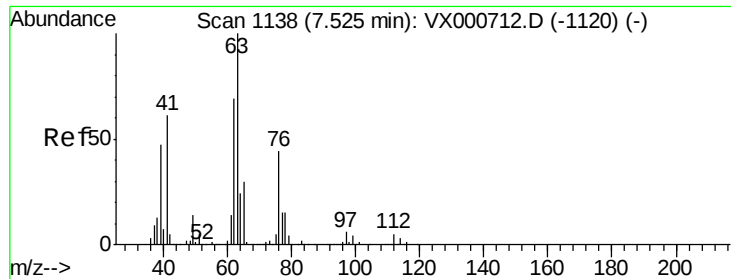
Tgt Ion: 130 Resp: 9358

Ion Ratio Lower Upper

130 100

95 87.8 0.0 185.4

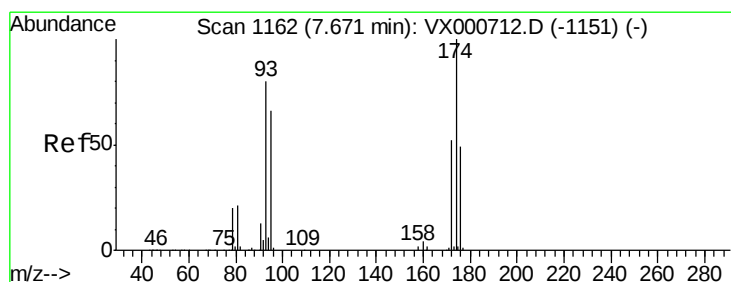
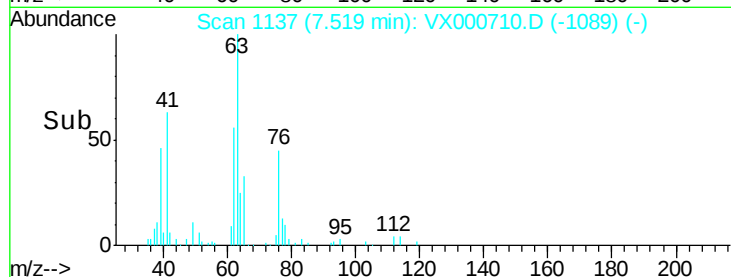
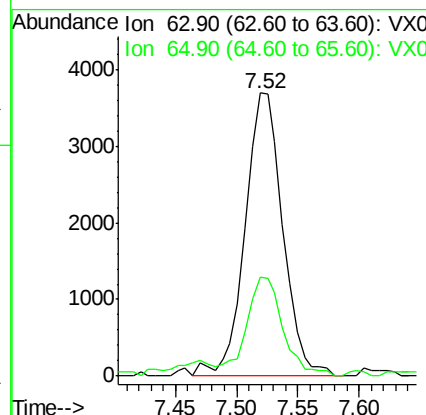
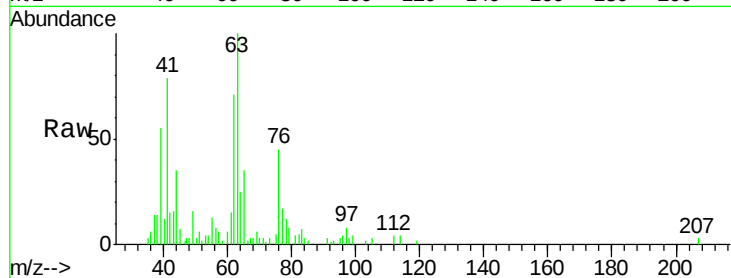




#45
 1,2-Dichloropropane
 Concen: 3.038 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

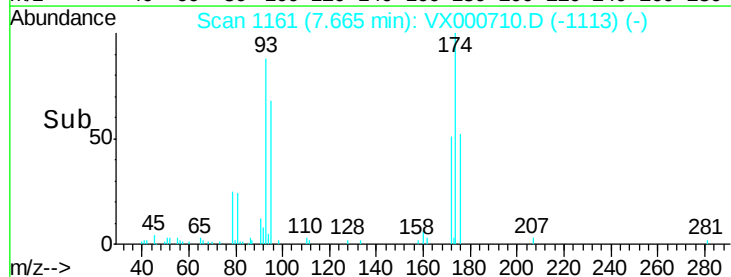
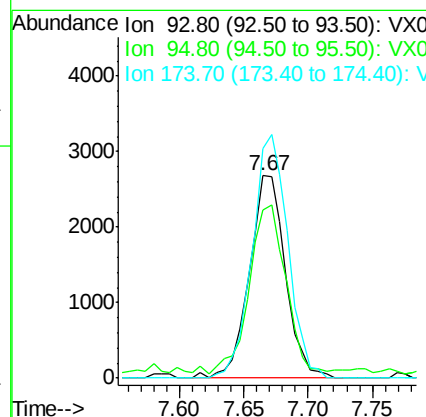
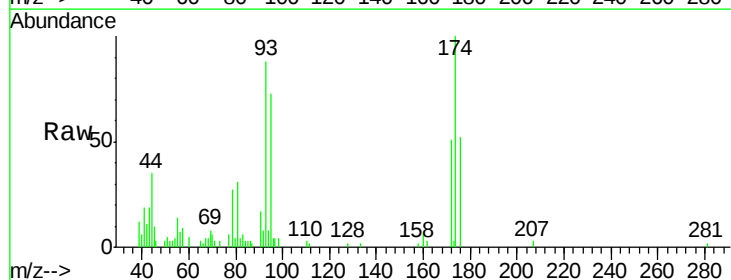
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

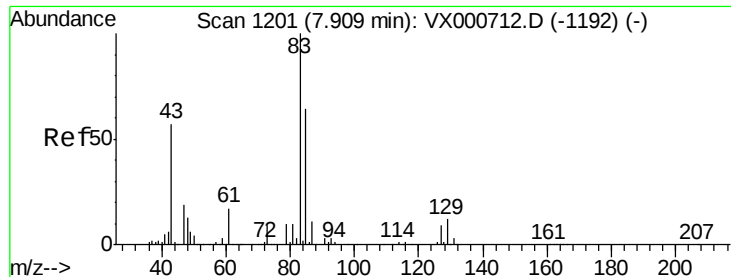
Tgt Ion: 63 Resp: 7917
 Ion Ratio Lower Upper
 63 100
 65 35.0 24.2 36.2



#46
 Dibromomethane
 Concen: 2.893 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 93 Resp: 5167
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.0 99.0
 174 119.0 100.2 150.2





#47

Bromodichloromethane

Concen: 2.822 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

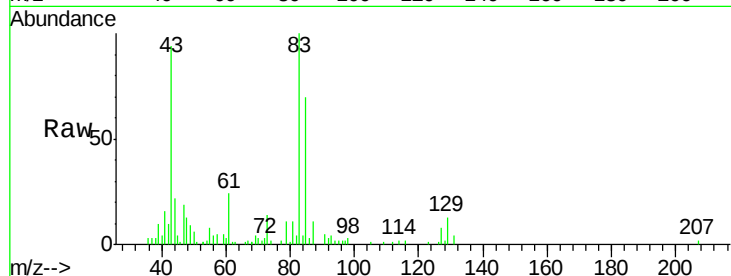
Tgt Ion: 83 Resp: 10637

Ion Ratio Lower Upper

83 100

85 69.6 51.0 76.4

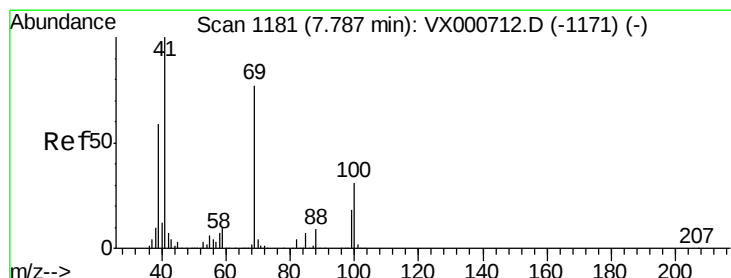
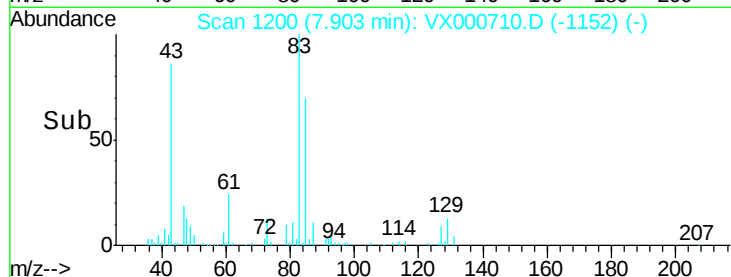
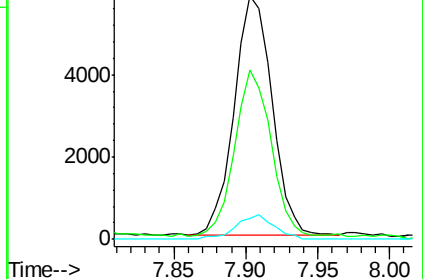
127 8.5 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.771 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

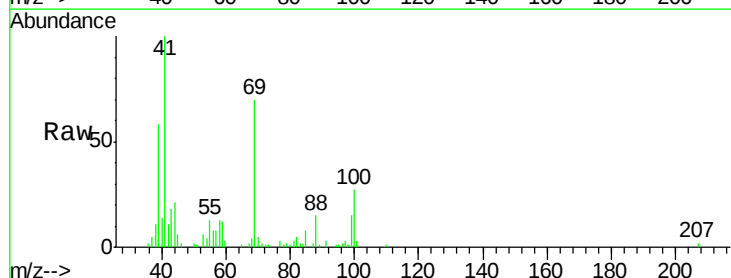
Tgt Ion: 41 Resp: 9401

Ion Ratio Lower Upper

41 100

69 78.4 62.0 93.0

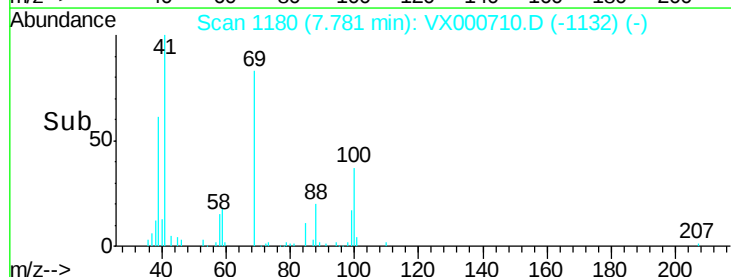
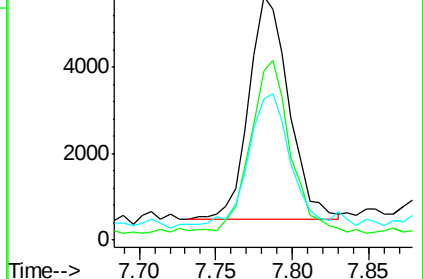
39 64.9 47.0 70.4

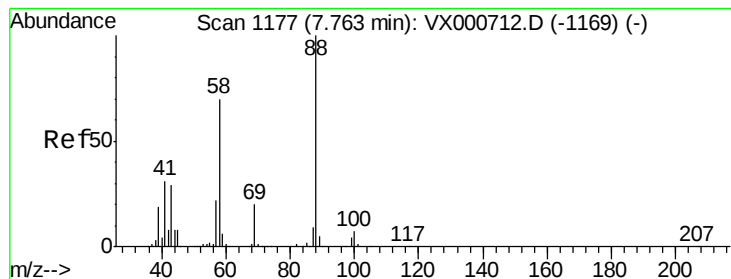


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

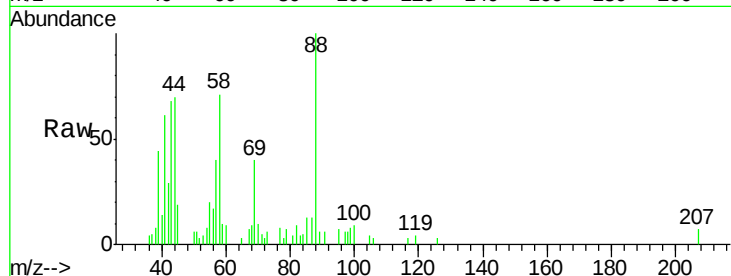




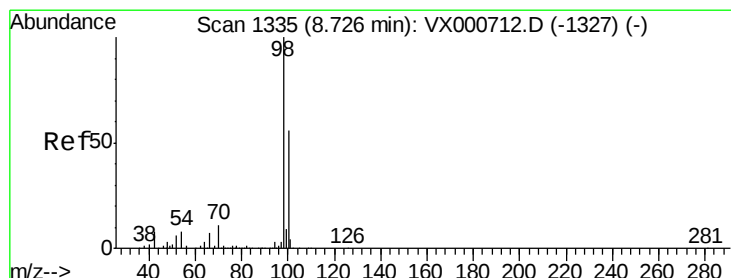
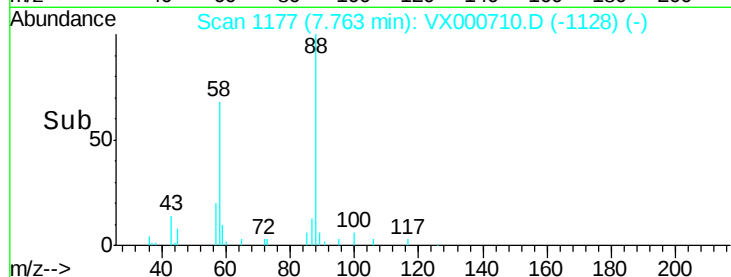
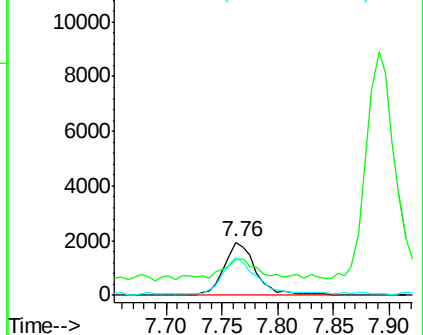
#49
 1,4-Dioxane
 Concen: 55.863 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 3841
 Ion Ratio Lower Upper
 88 100
 43 35.2 27.9 41.9
 58 70.1 57.0 85.4

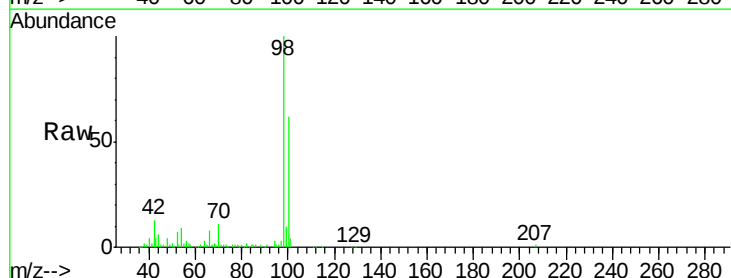


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

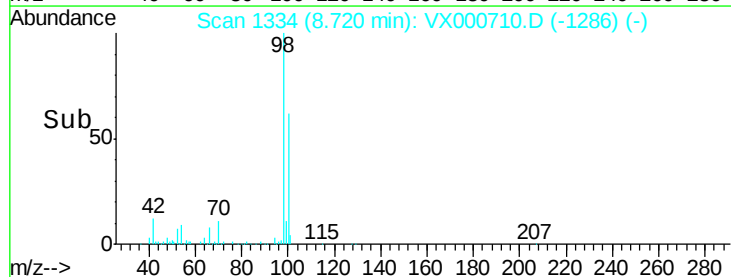
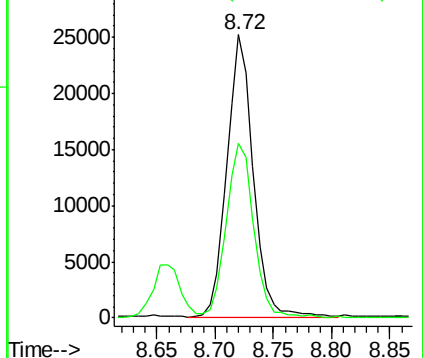


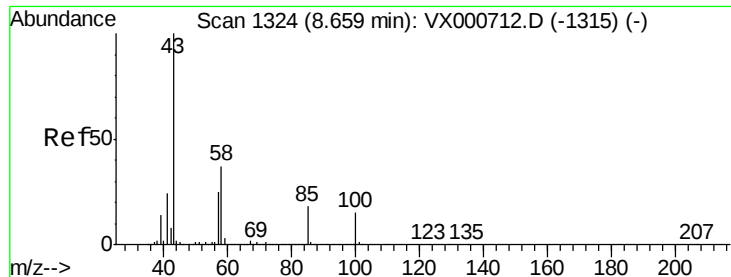
#50
 Toluene-d8
 Concen: 3.933 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 98 Resp: 39473
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

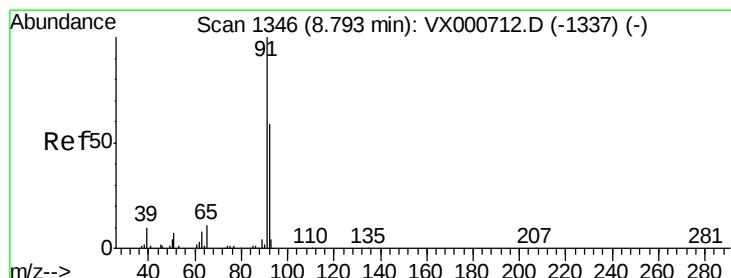
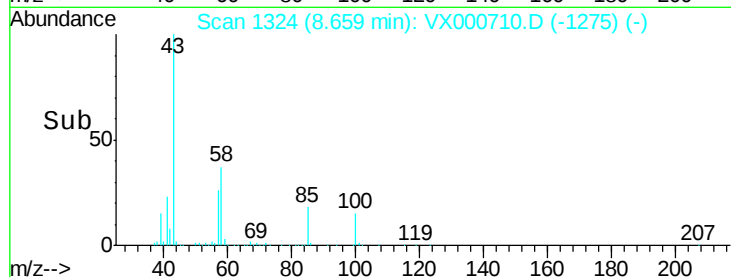
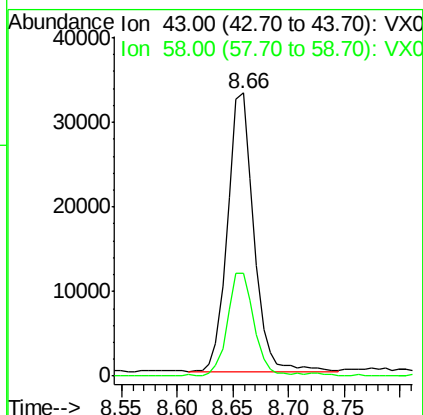
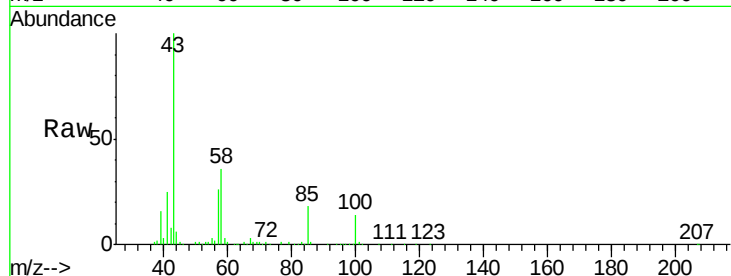




#51
 4-Methyl-2-Pentanone
 Concen: 13.858 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

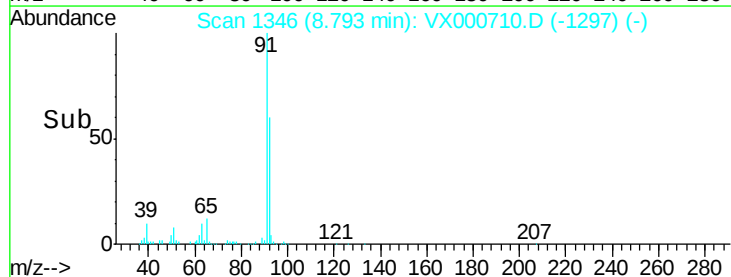
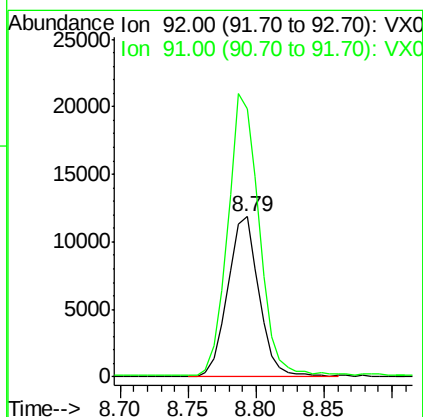
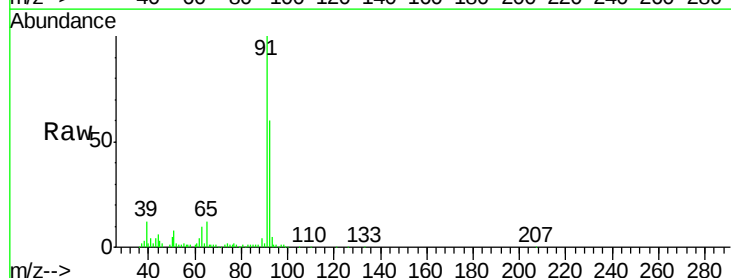
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

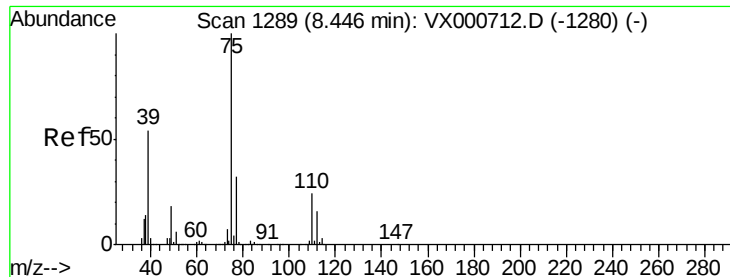
Tgt Ion: 43 Resp: 54477
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.6 46.0



#52
 Toluene
 Concen: 2.968 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 92 Resp: 19159
 Ion Ratio Lower Upper
 92 100
 91 174.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 2.918 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

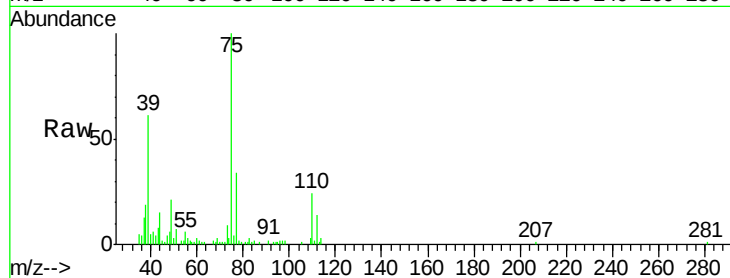
VSTDIC005

Tgt Ion: 75 Resp: 13063

Ion Ratio Lower Upper

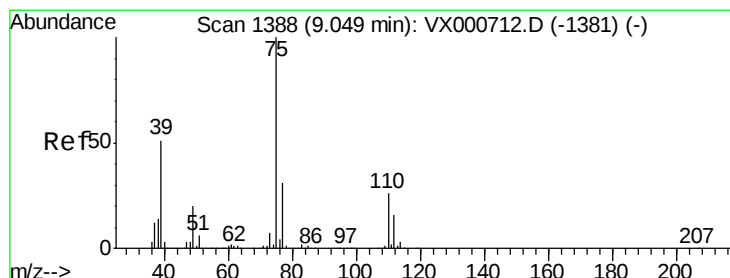
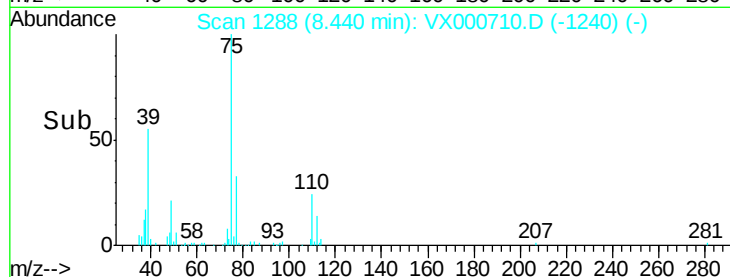
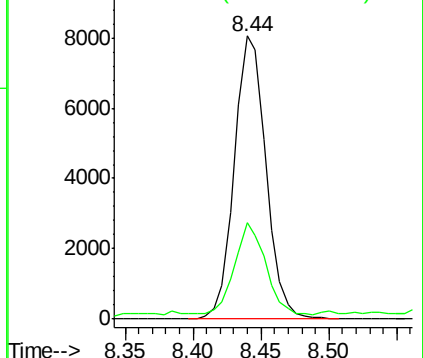
75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.936 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

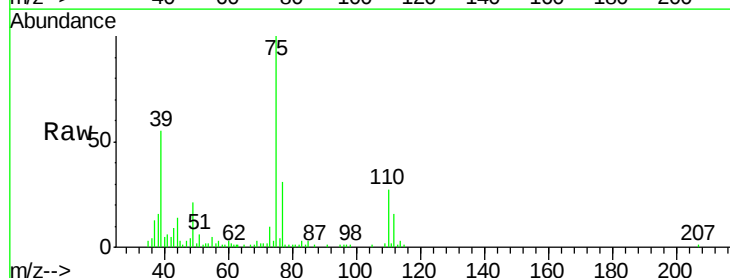
Tgt Ion: 75 Resp: 13230

Ion Ratio Lower Upper

75 100

77 29.7 25.2 37.8

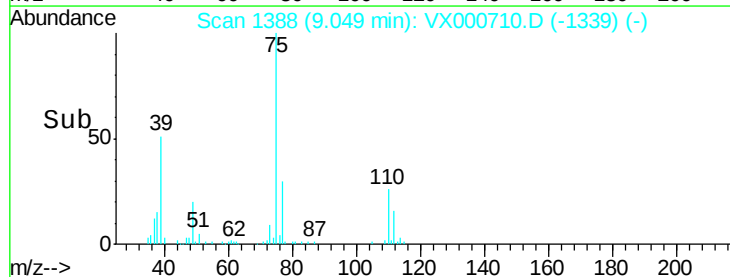
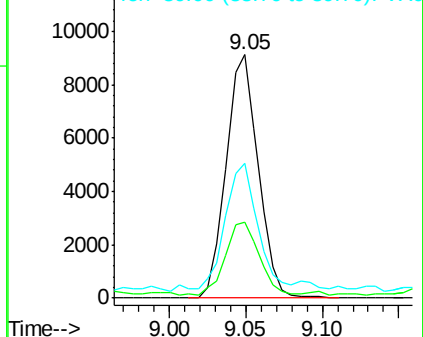
39 51.2 40.5 60.7

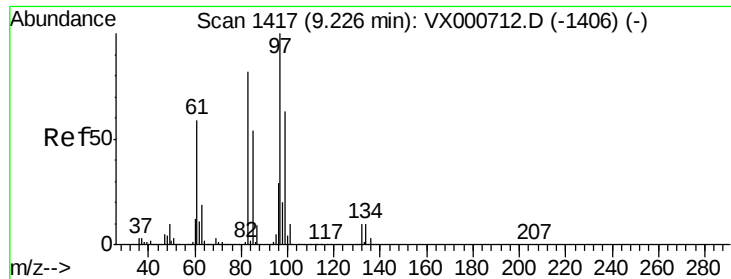


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 2.779 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 7417

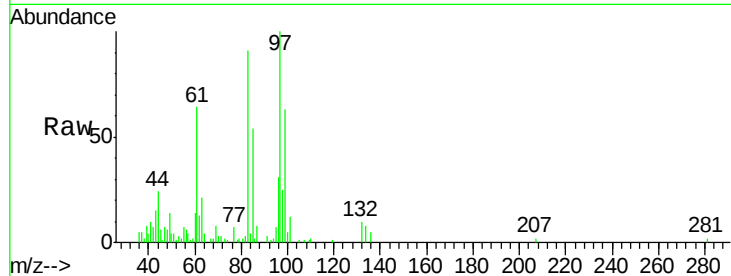
Ion Ratio Lower Upper

97 100

83 90.6 65.7 98.5

85 53.3 42.8 64.2

99 63.4 50.6 76.0

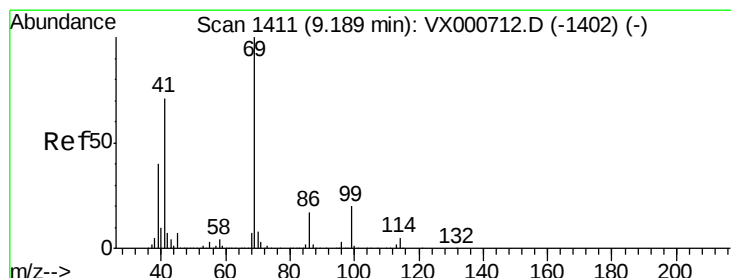
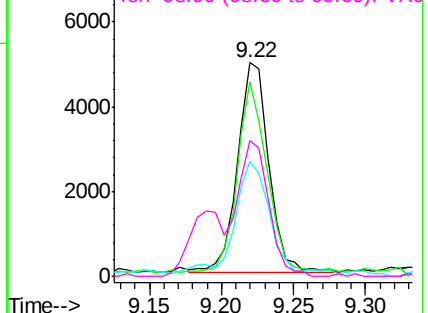
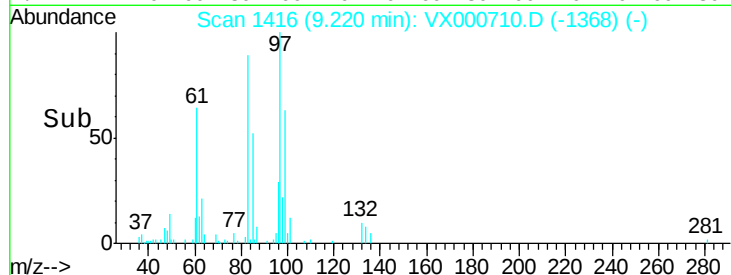


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.797 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

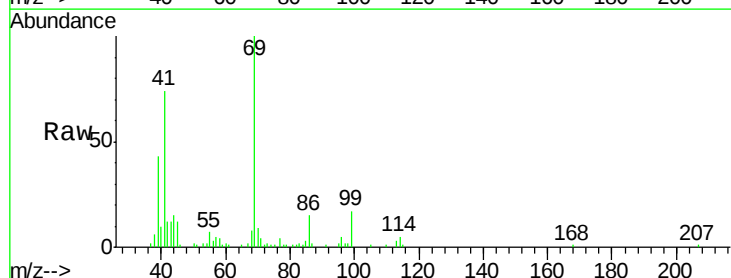
Tgt Ion: 69 Resp: 12133

Ion Ratio Lower Upper

69 100

41 75.8 56.4 84.6

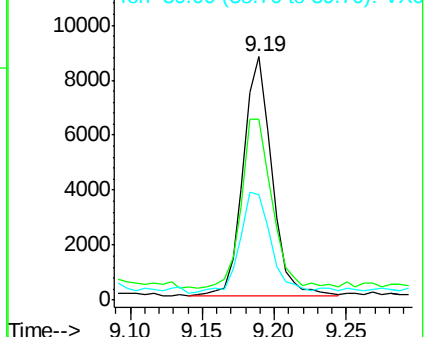
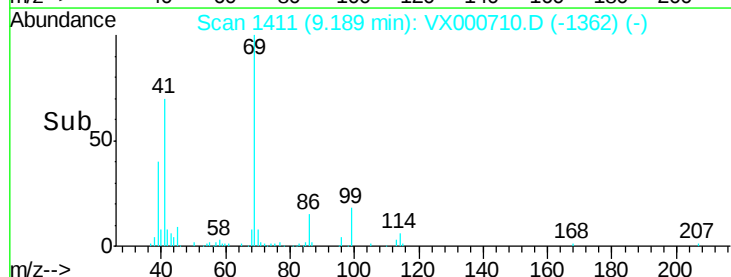
39 45.1 31.4 47.2

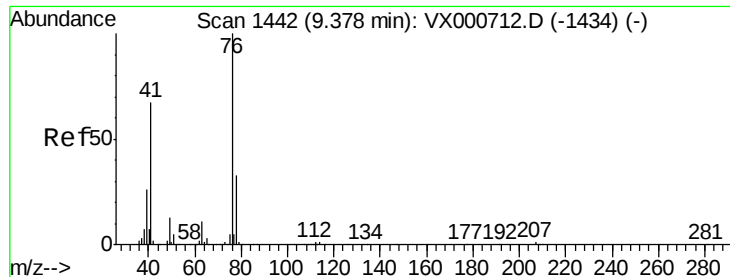


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.869 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

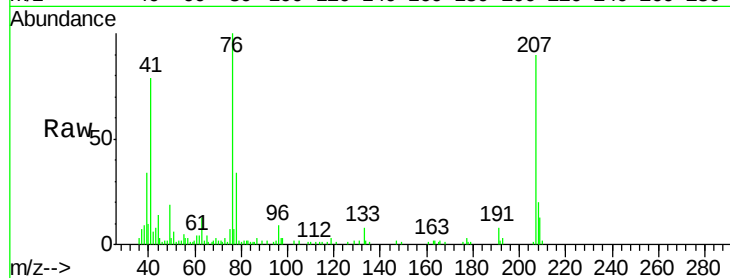
VSTDIC005

Tgt Ion: 76 Resp: 12306

Ion Ratio Lower Upper

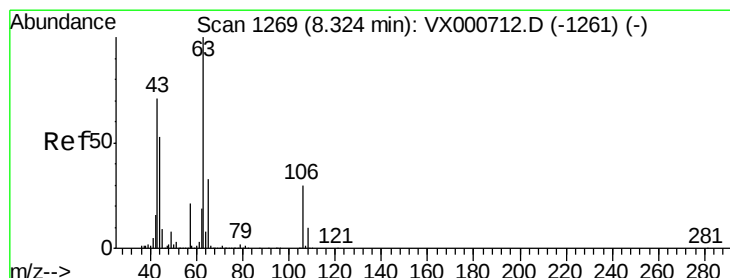
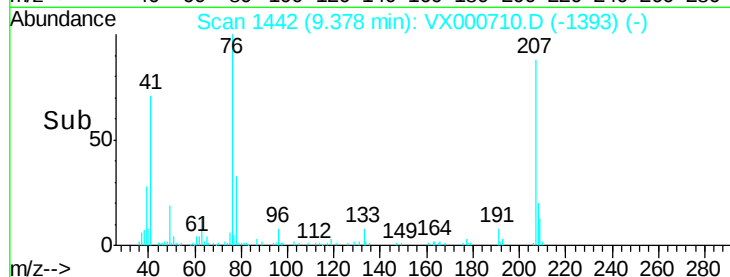
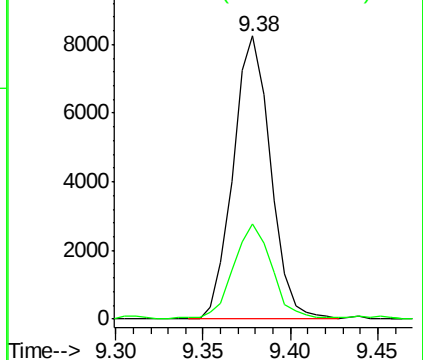
76 100

78 35.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 7.841 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000710.D

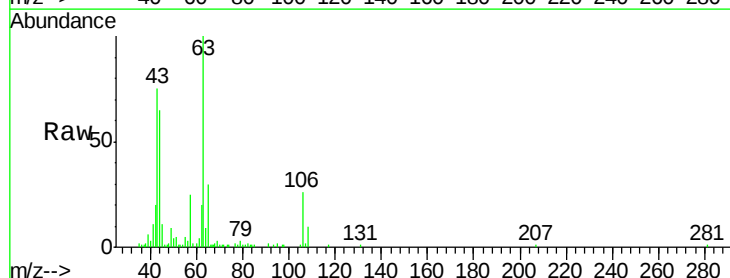
Acq: 07 Apr 2018 11:49

Tgt Ion: 63 Resp: 14405

Ion Ratio Lower Upper

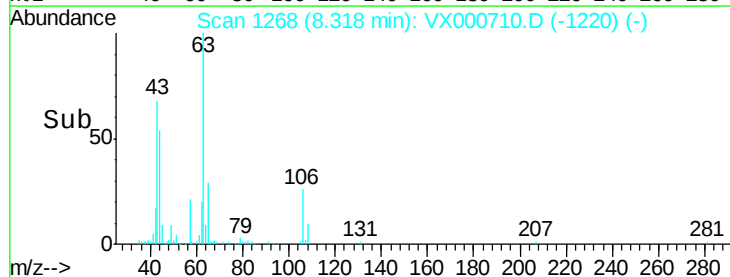
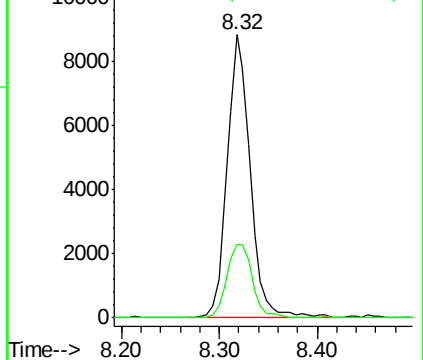
63 100

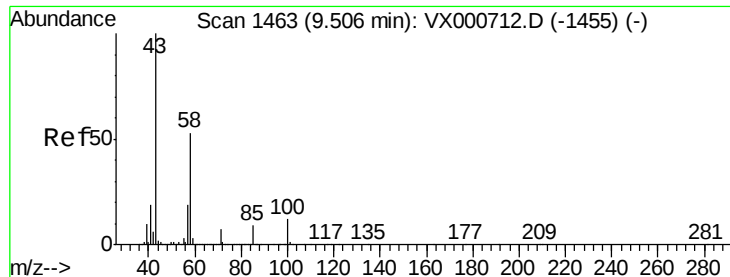
106 28.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

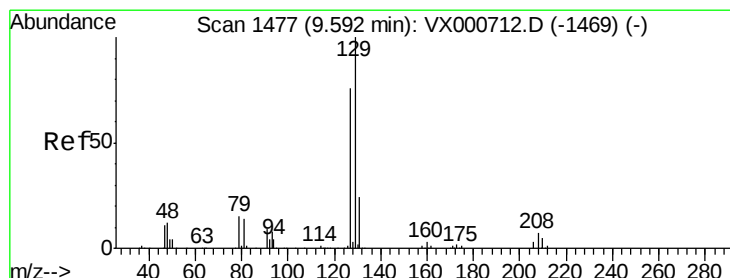
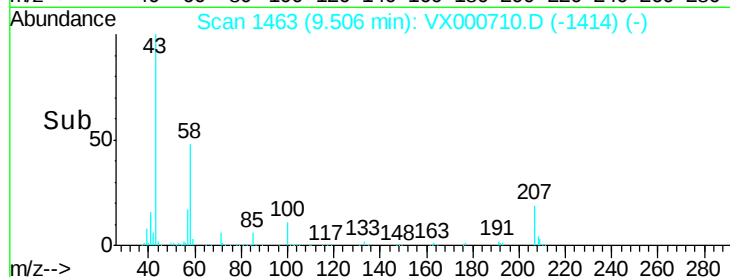
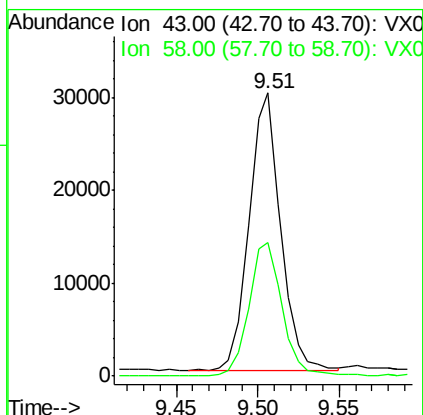
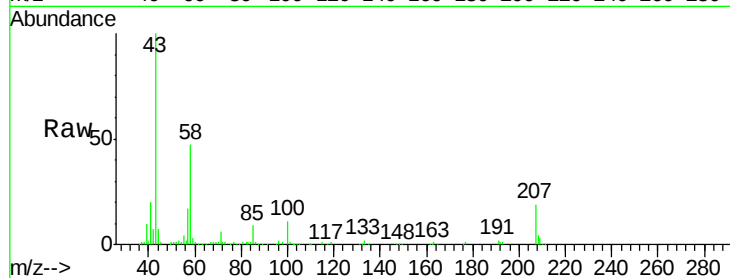




#59
2-Hexanone
Concen: 13.232 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

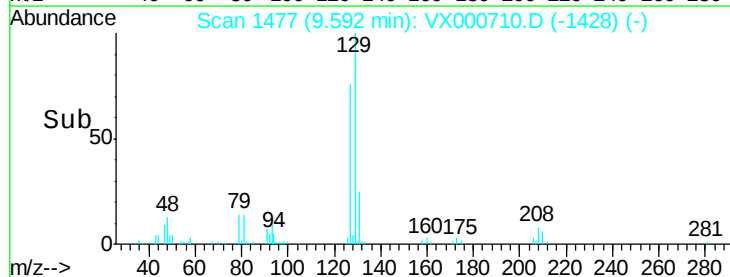
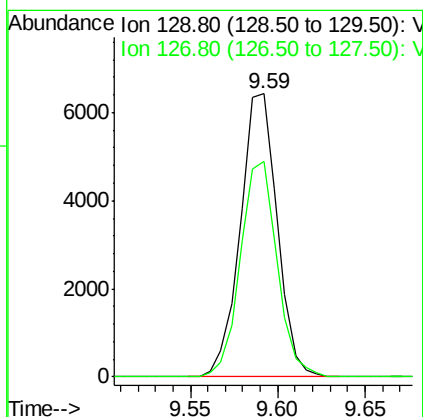
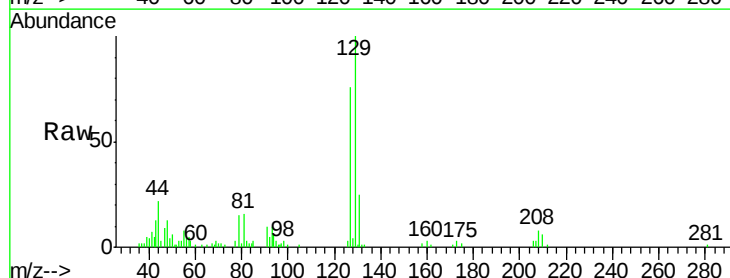
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

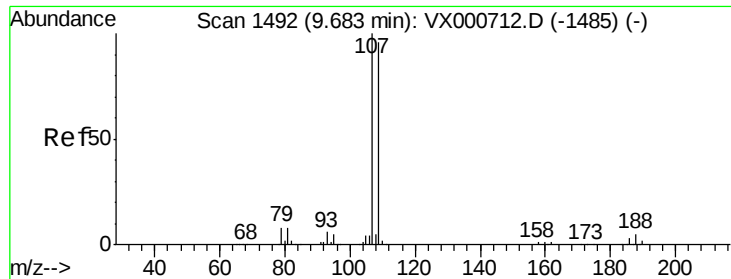
Tgt Ion: 43 Resp: 39996
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.8



#60
Dibromochloromethane
Concen: 2.824 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 129 Resp: 9471
Ion Ratio Lower Upper
129 100
127 75.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 2.913 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

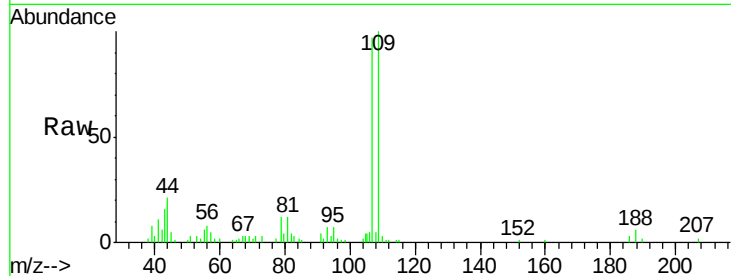
VSTDIC005

Tgt Ion: 107 Resp: 8270

Ion Ratio Lower Upper

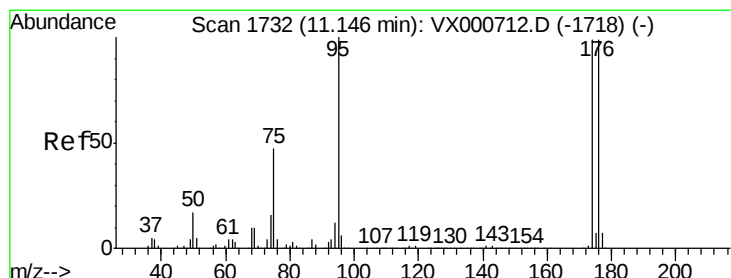
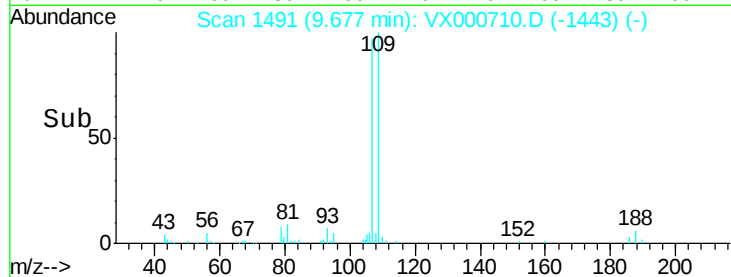
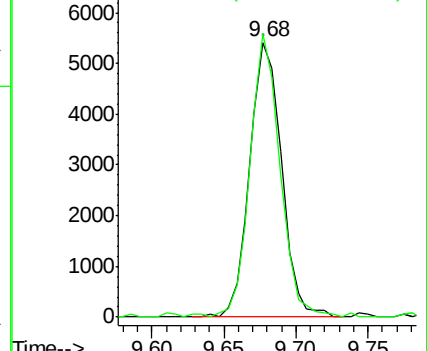
107 100

109 97.7 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.144 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

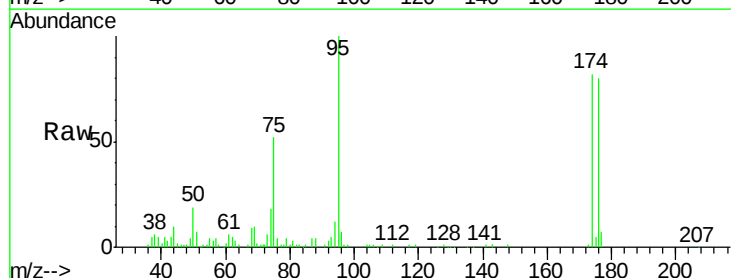
Tgt Ion: 95 Resp: 16862

Ion Ratio Lower Upper

95 100

174 91.7 0.0 191.6

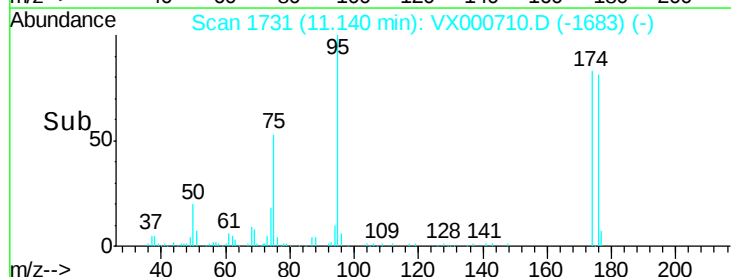
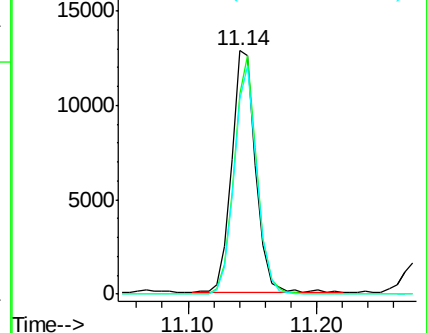
176 88.4 0.0 187.0

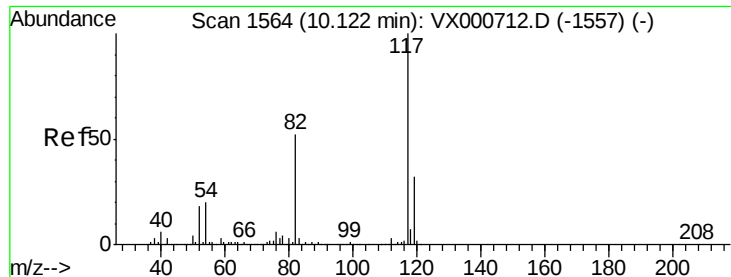


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

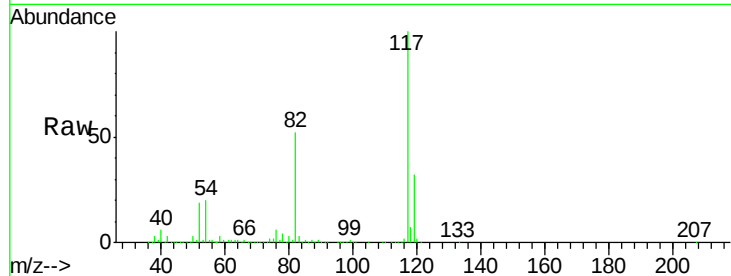




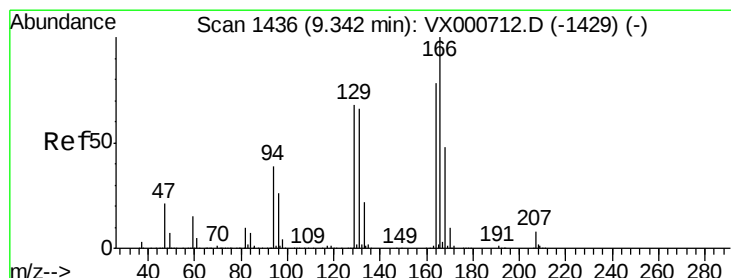
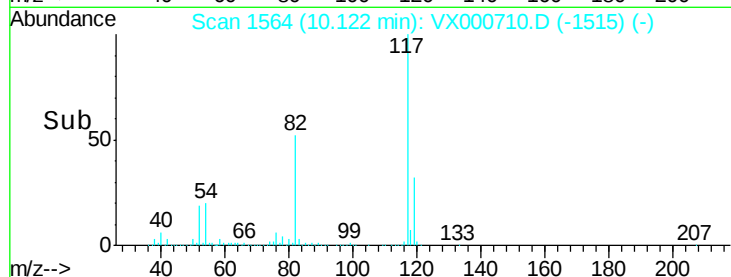
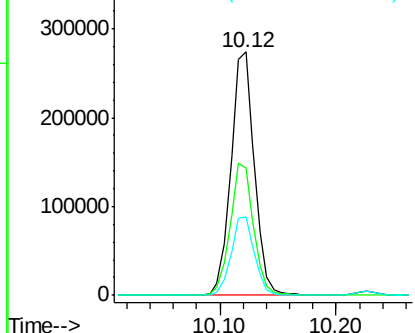
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 384201
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 32.4 25.8 38.8

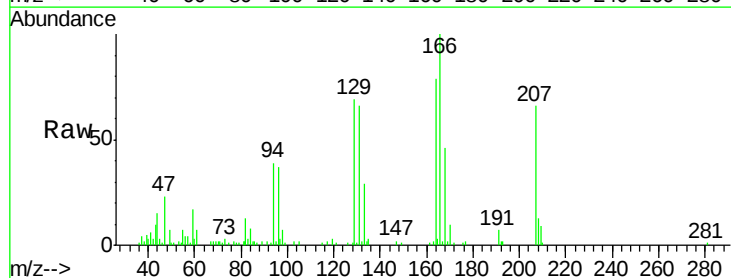


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

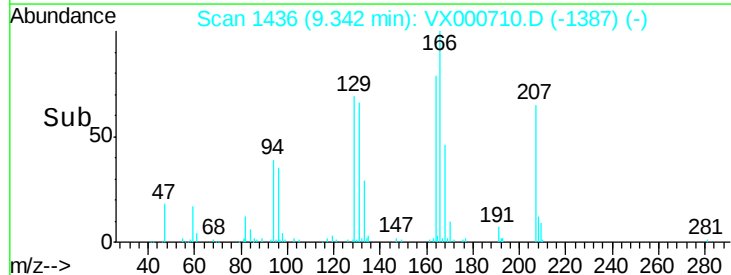
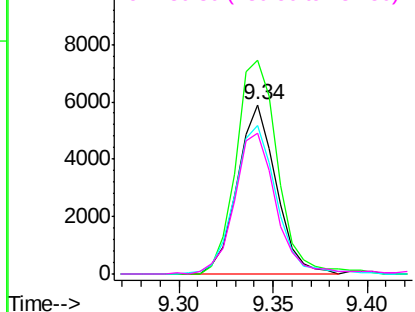


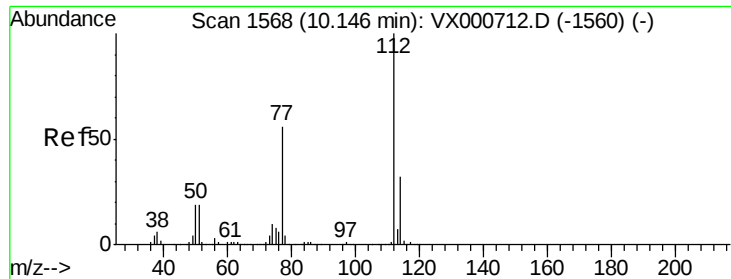
#64
Tetrachloroethene
Concen: 2.939 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion:164 Resp: 8468
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 86.7 69.3 103.9
131 83.5 67.7 101.5



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

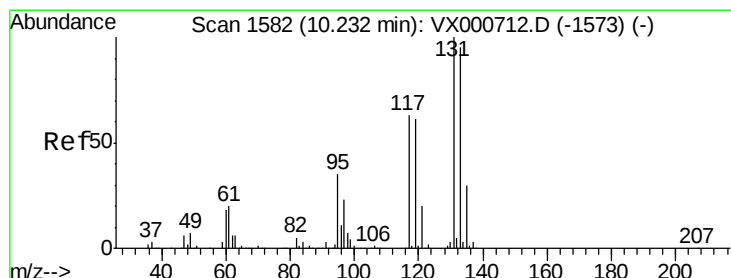
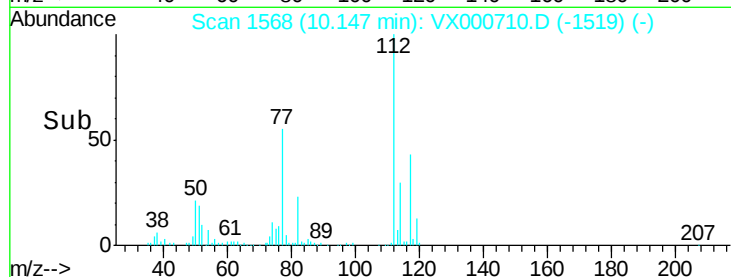
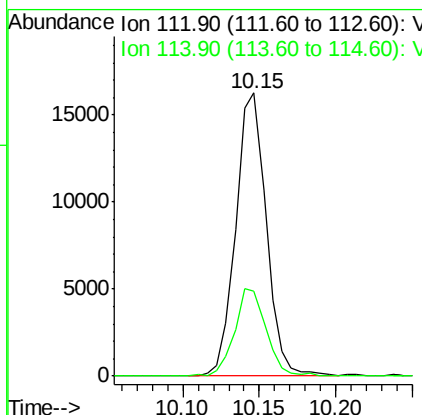
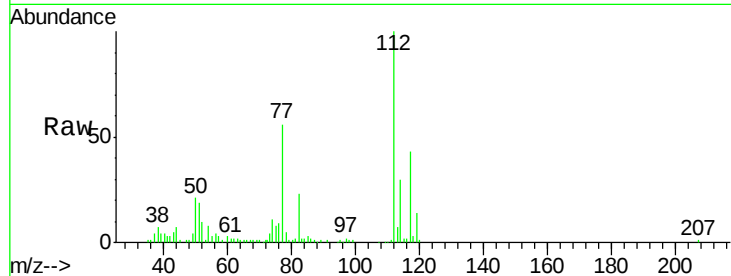




#65
Chlorobenzene
Concen: 2.967 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

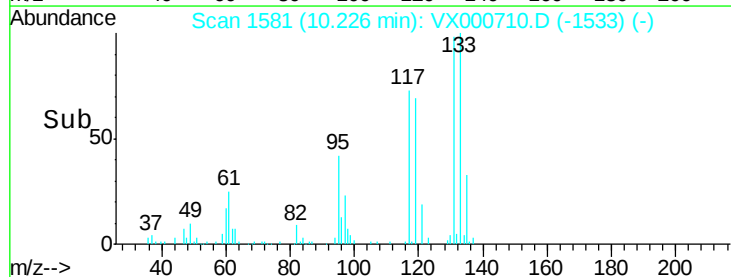
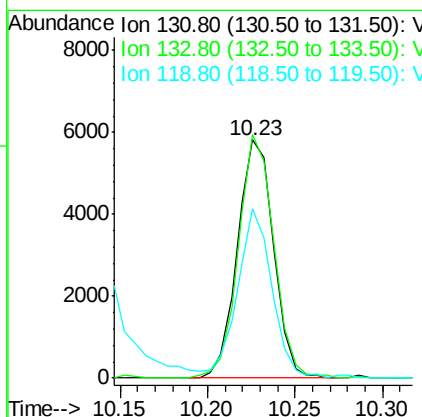
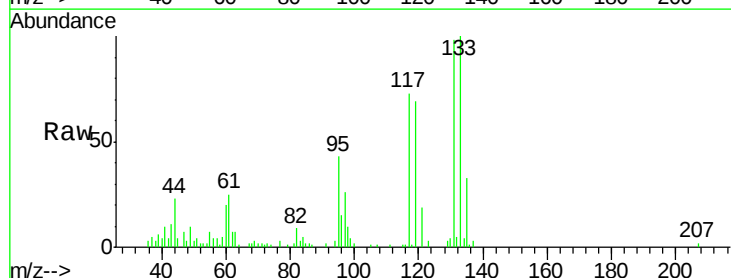
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

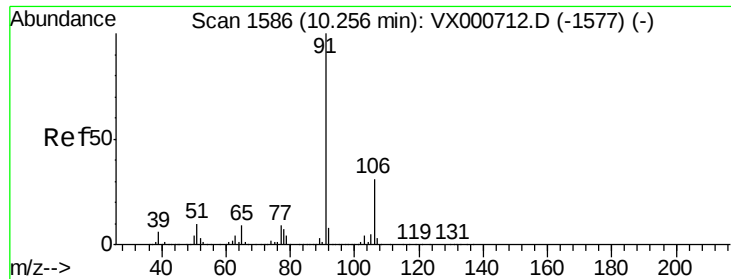
Tgt Ion:112 Resp: 22549
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.787 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion:131 Resp: 8333
Ion Ratio Lower Upper
131 100
133 100.0 48.0 144.2
119 68.6 31.5 94.5

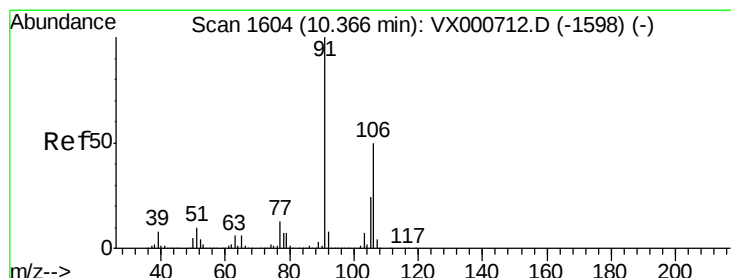
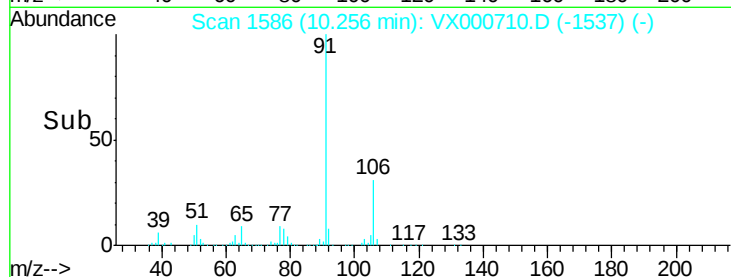
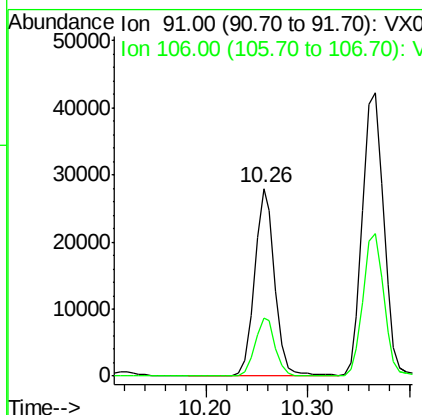
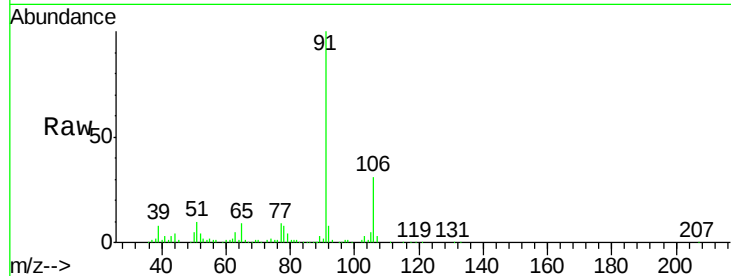




#67
Ethyl Benzene
Concen: 3.070 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

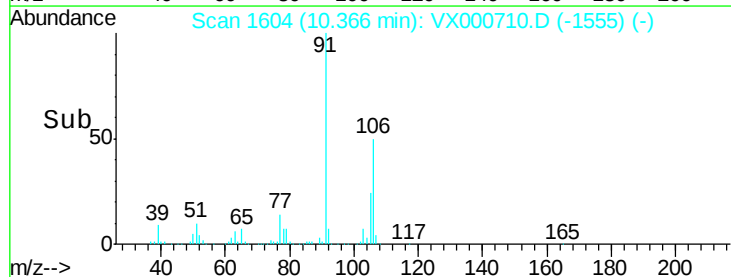
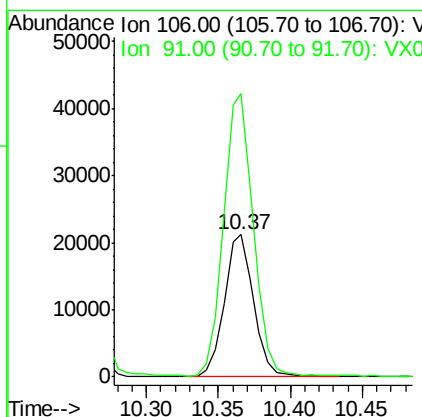
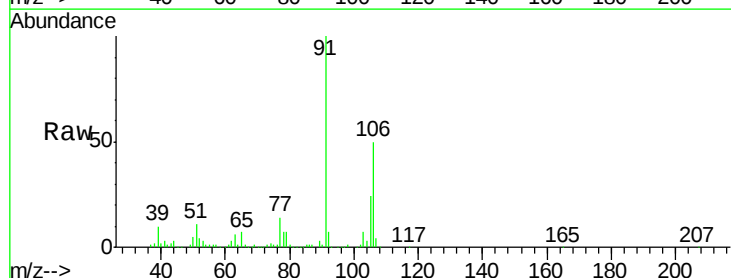
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

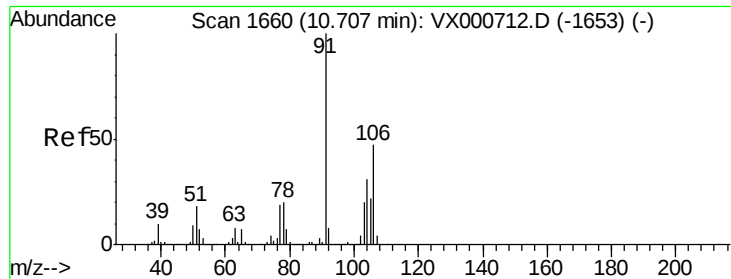
Tgt Ion: 91 Resp: 39172
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7



#68
m/p-Xylenes
Concen: 6.061 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 106 Resp: 30224
Ion Ratio Lower Upper
106 100
91 202.3 159.7 239.5

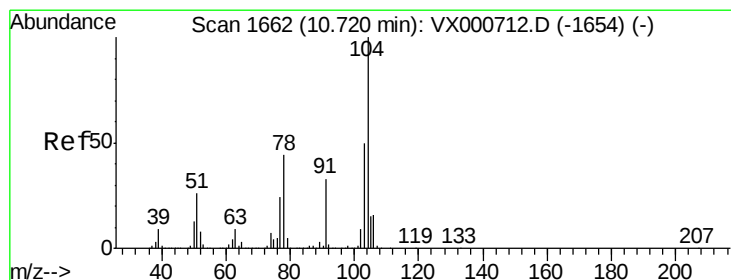
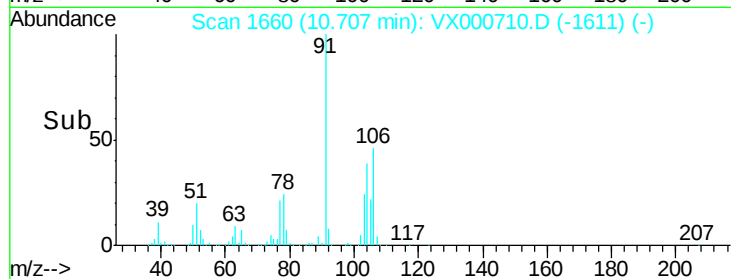
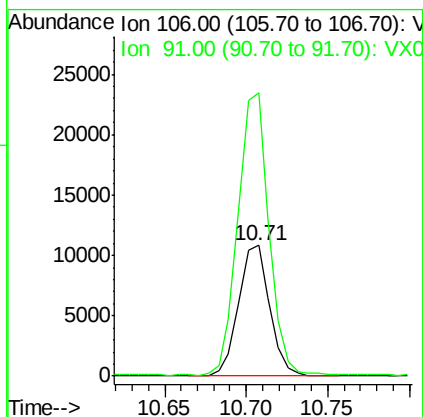
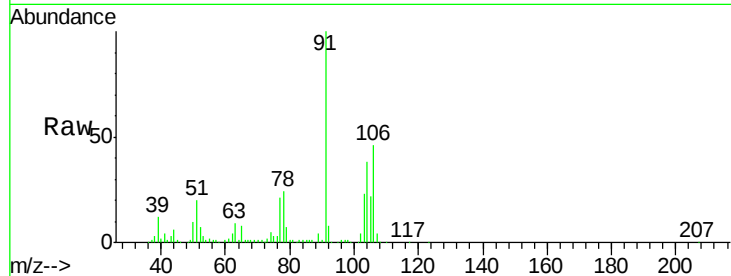




#69
o-Xylene
Concen: 2.961 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

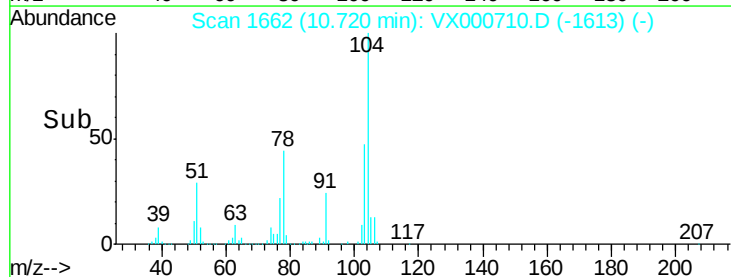
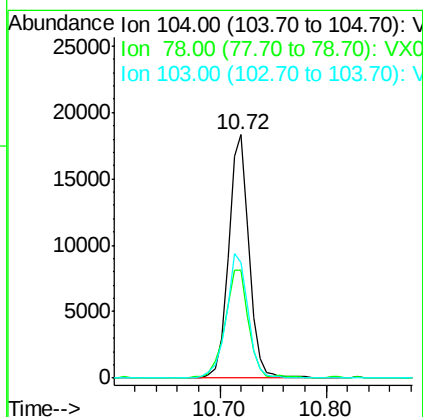
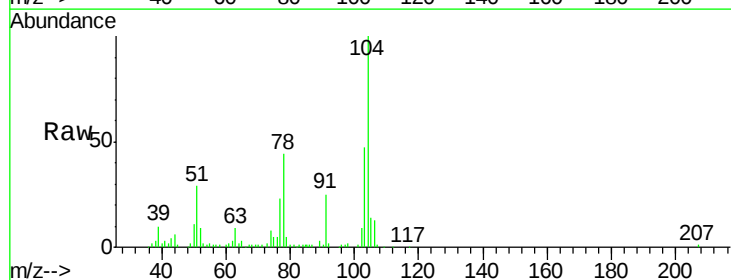
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

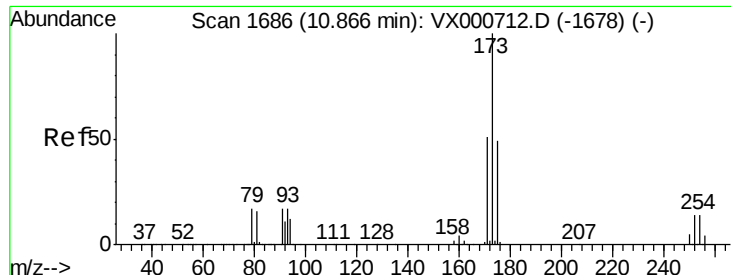
Tgt Ion:106 Resp: 14499
Ion Ratio Lower Upper
106 100
91 213.4 106.1 318.3



#70
Styrene
Concen: 2.939 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion:104 Resp: 24601
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.6
103 54.4 44.1 66.1

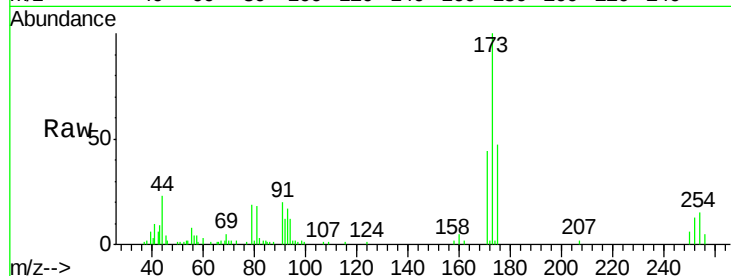




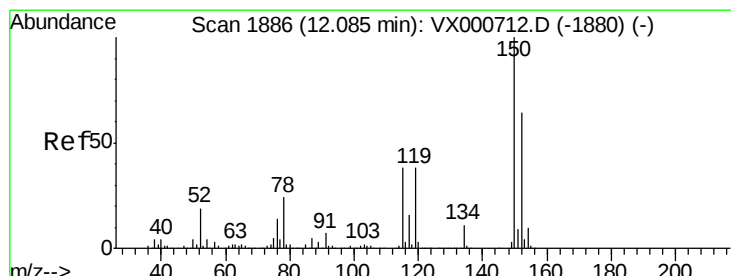
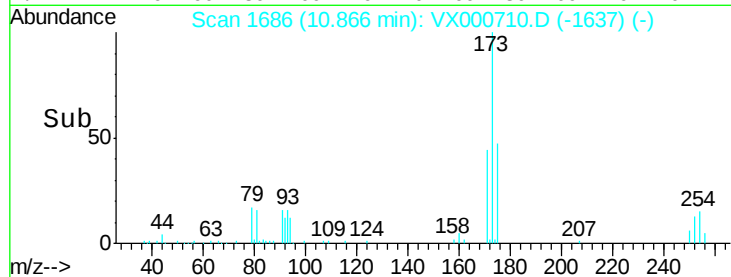
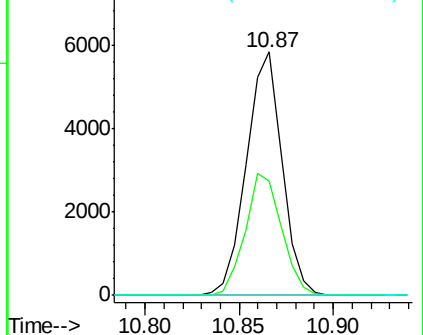
#71
Bromoform
Concen: 2.602 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 7631
Ion Ratio Lower Upper
173 100
175 51.1 24.2 72.6
254 0.0 0.1 0.1#

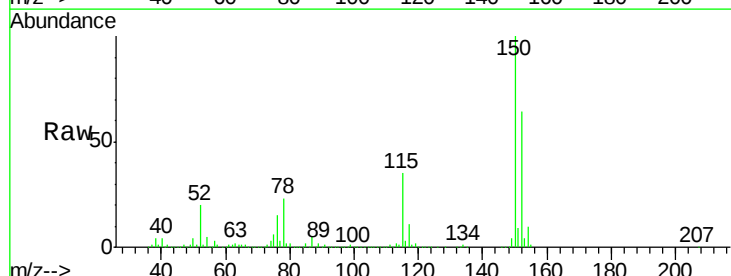


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

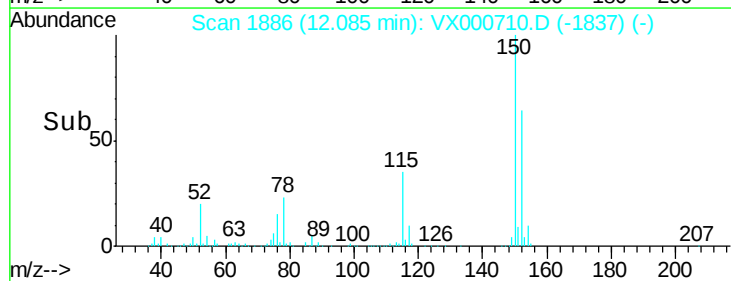
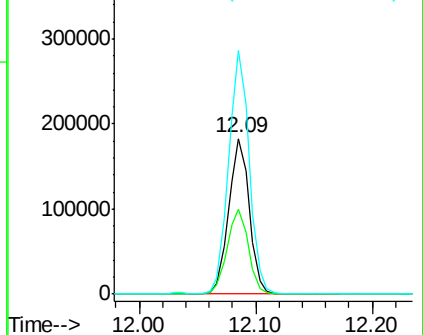


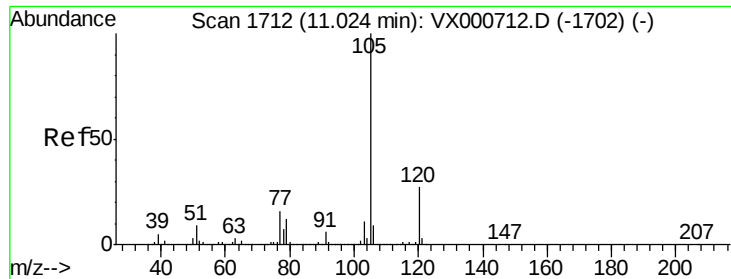
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion:152 Resp: 224041
Ion Ratio Lower Upper
152 100
115 56.3 37.7 113.1
150 157.0 0.0 345.0



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





#73

Isopropylbenzene

Concen: 3.049 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

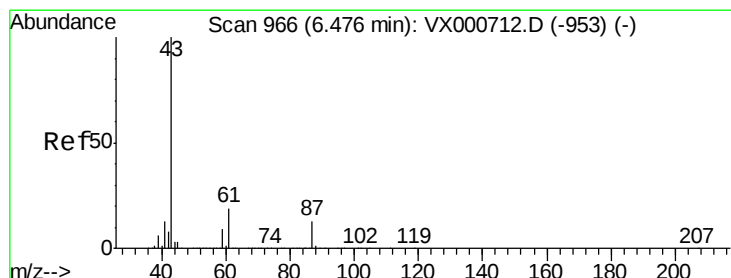
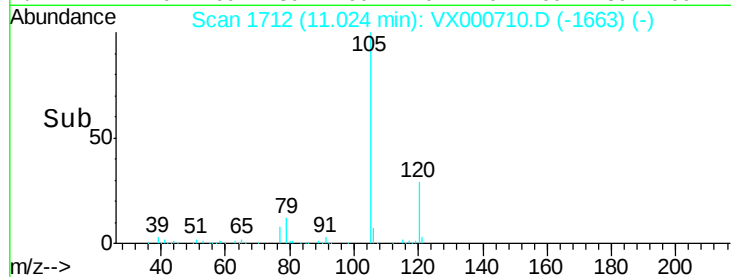
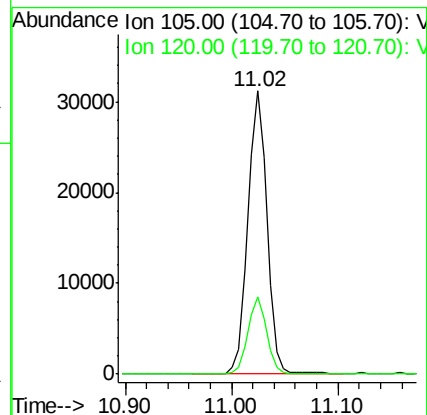
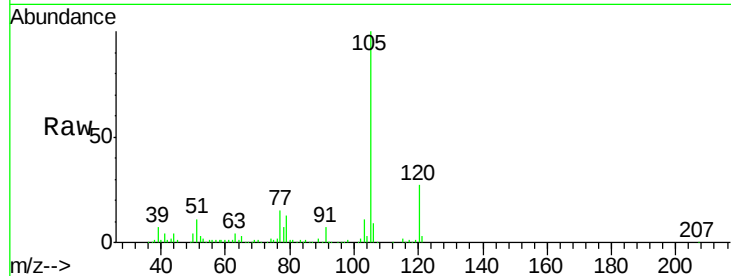
VSTDIC005

Tgt Ion: 105 Resp: 39834

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 2.998 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Tgt Ion: 43 Resp: 19263

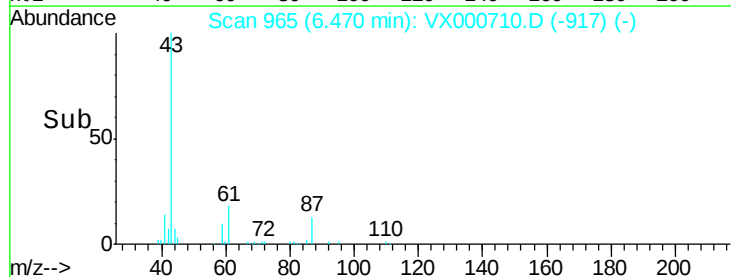
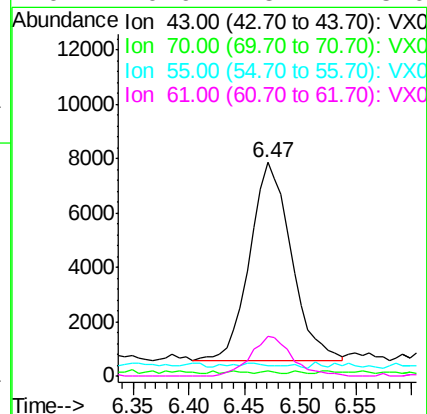
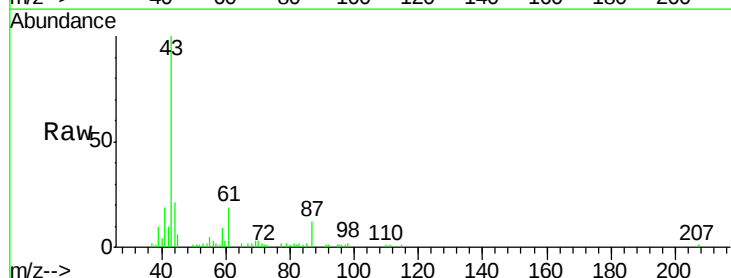
Ion Ratio Lower Upper

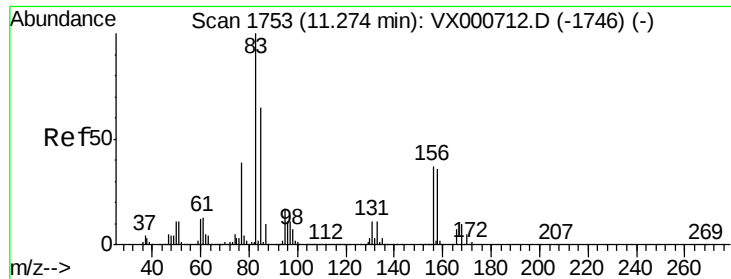
43 100

70 0.4 0.0 0.0#

55 0.7 0.0 0.0#

61 19.9 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.819 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

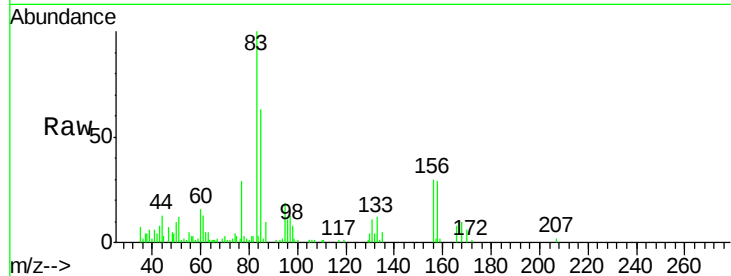
Tgt Ion: 83 Resp: 11018

Ion Ratio Lower Upper

83 100

131 12.7 5.9 17.7

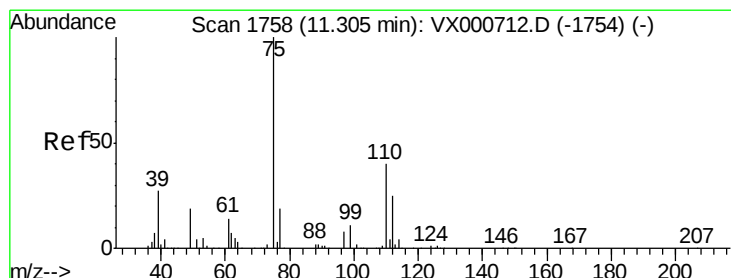
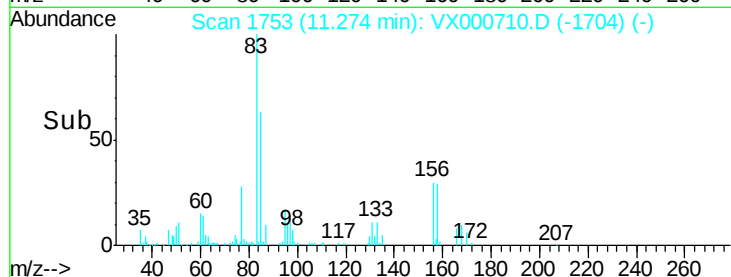
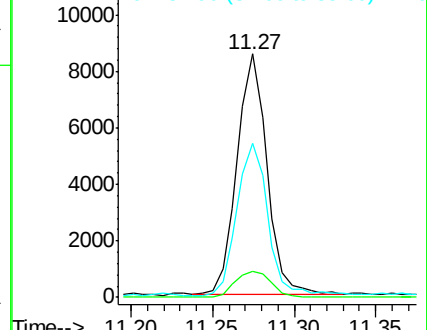
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX000710.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX000710.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000710.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 3.716 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000710.D

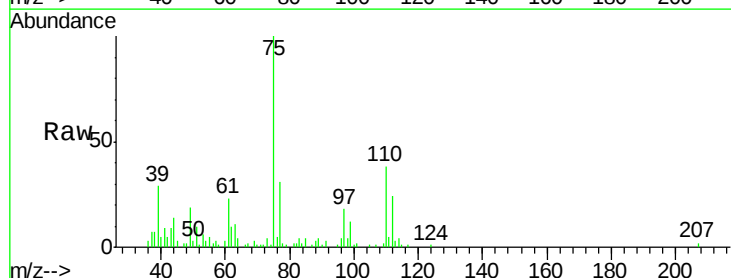
Acq: 07 Apr 2018 11:49

Tgt Ion: 75 Resp: 14054

Ion Ratio Lower Upper

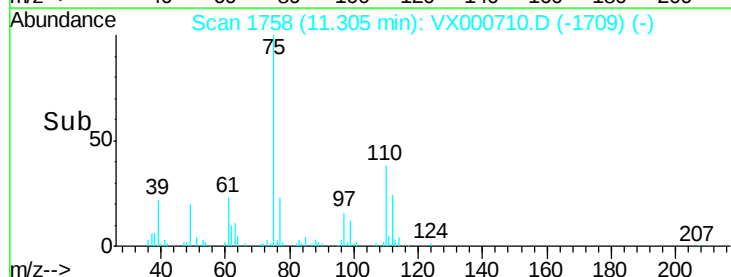
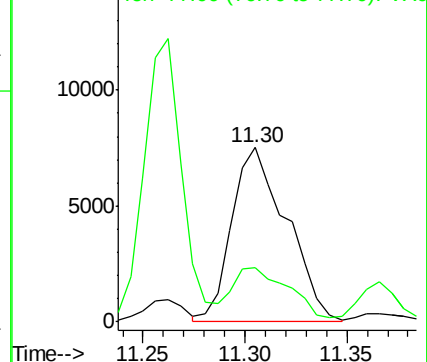
75 100

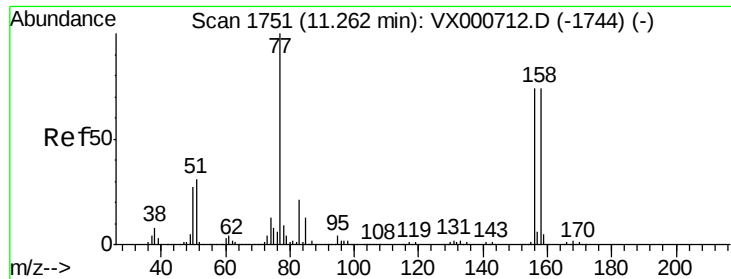
77 29.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX000710.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000710.D (-1754) (-)





#77

Bromobenzene

Concen: 2.863 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

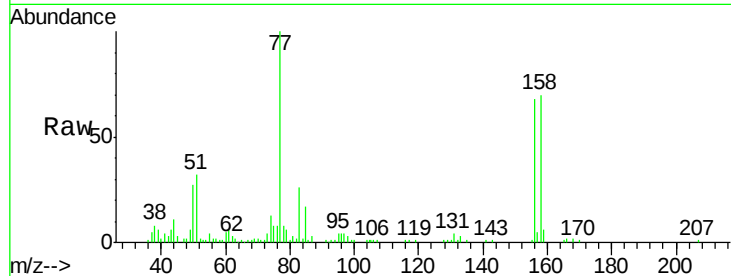
Tgt Ion:156 Resp: 10708

Ion Ratio Lower Upper

156 100

77 144.9 68.3 205.1

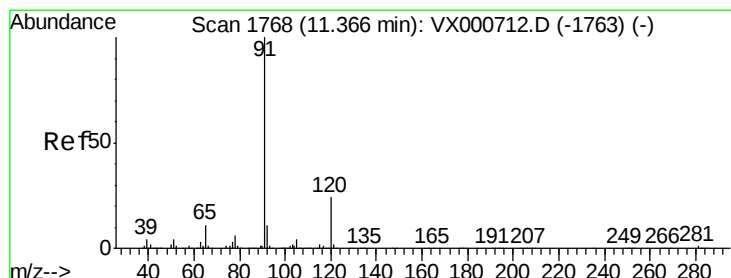
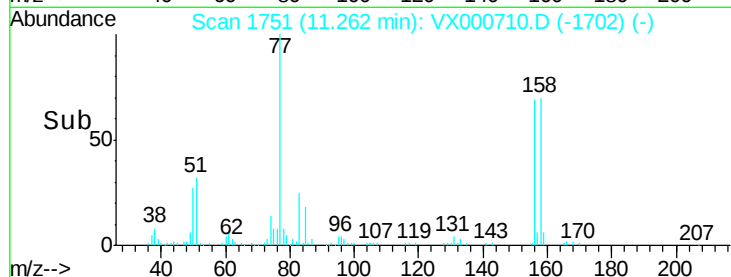
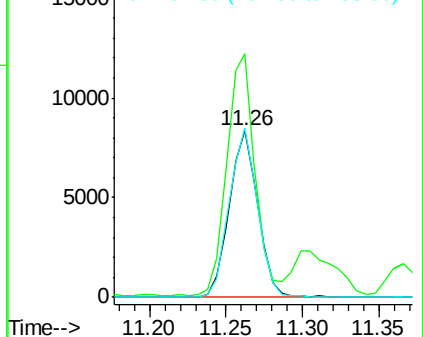
158 100.9 49.1 147.3



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: 3.056 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000710.D

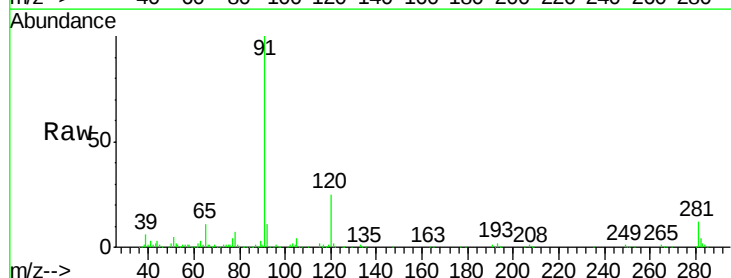
Acq: 07 Apr 2018 11:49

Tgt Ion: 91 Resp: 45368

Ion Ratio Lower Upper

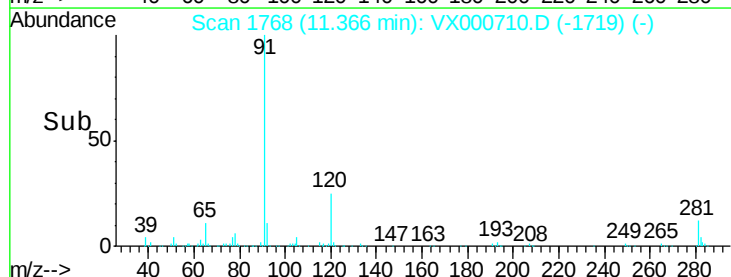
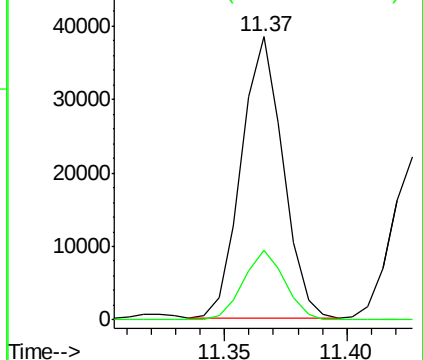
91 100

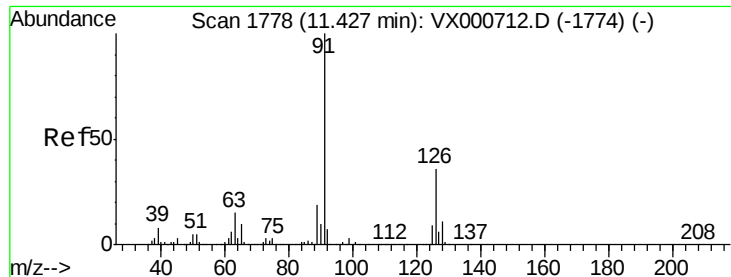
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.956 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

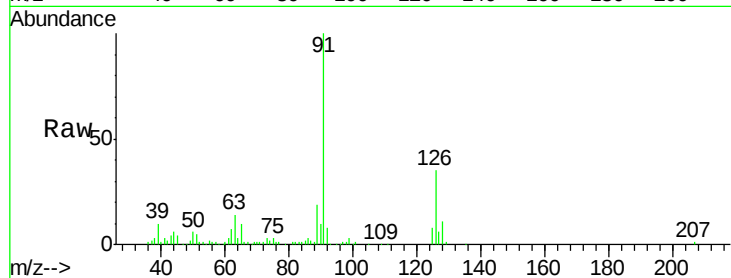
VSTDIC005

Tgt Ion: 91 Resp: 26051

Ion Ratio Lower Upper

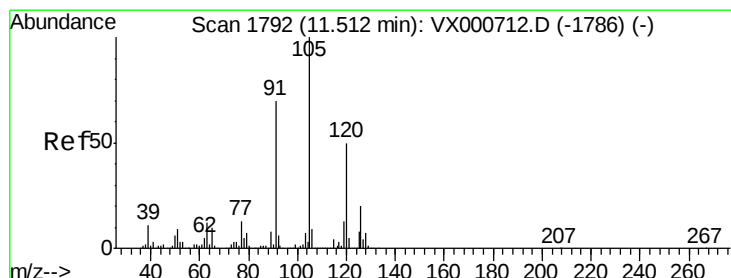
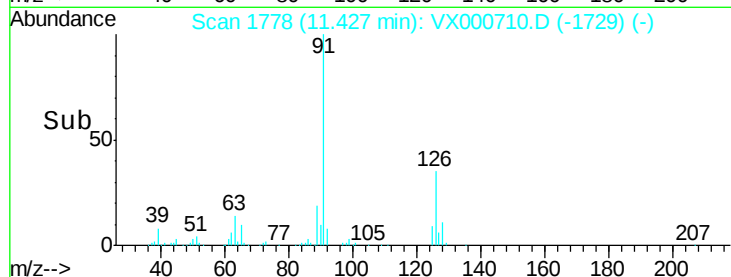
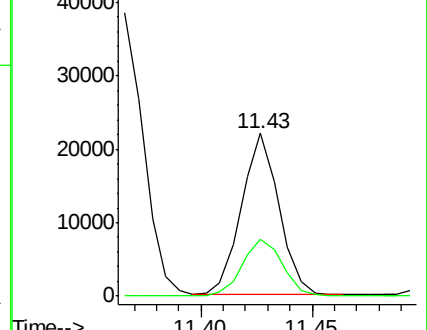
91 100

126 38.3 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000710.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000710.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.956 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000710.D

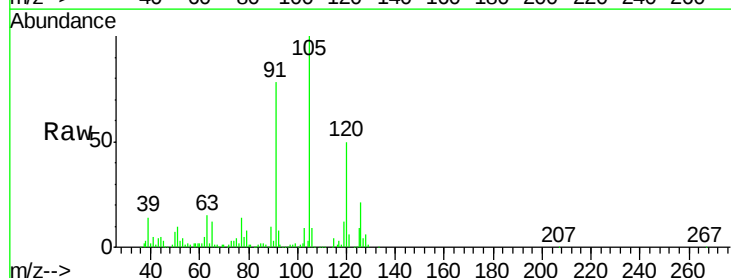
Acq: 07 Apr 2018 11:49

Tgt Ion: 105 Resp: 33233

Ion Ratio Lower Upper

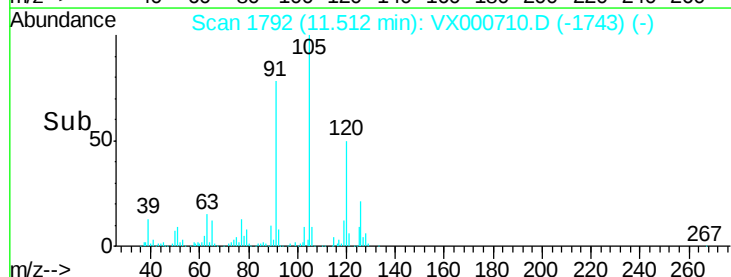
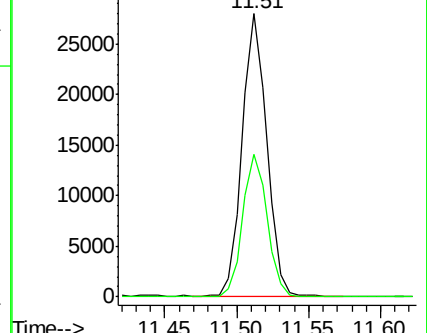
105 100

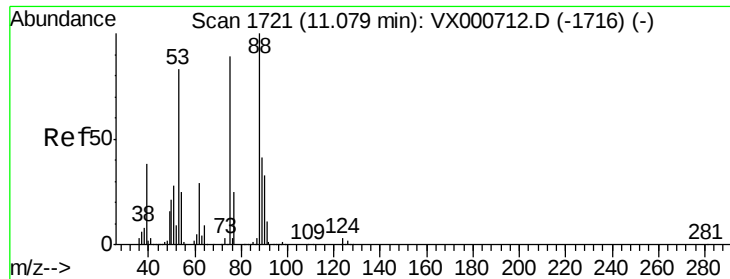
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000710.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000710.D (-1786) (-)

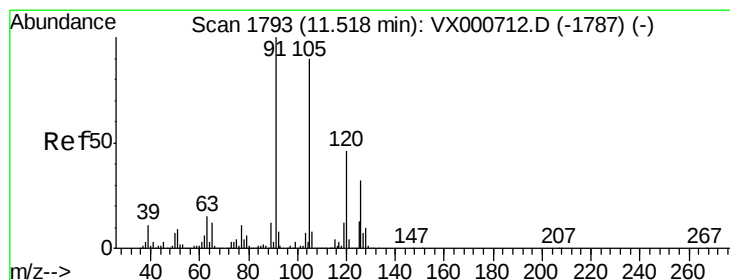
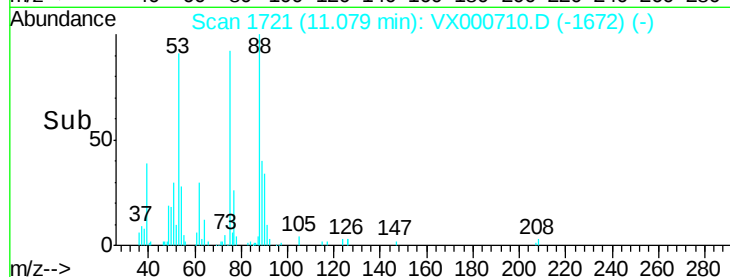
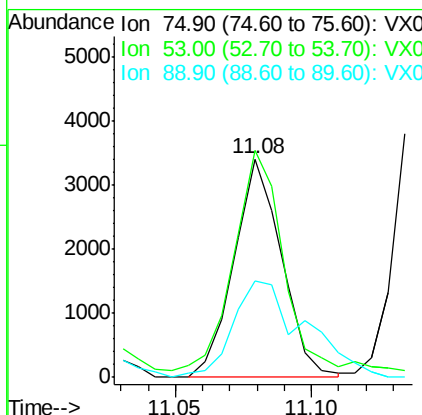
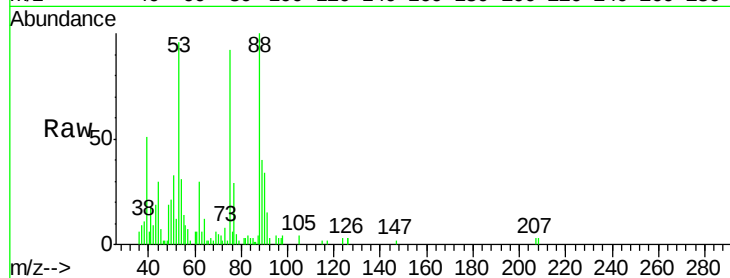




#81
trans-1,4-Dichloro-2-butene
Concen: 2.856 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

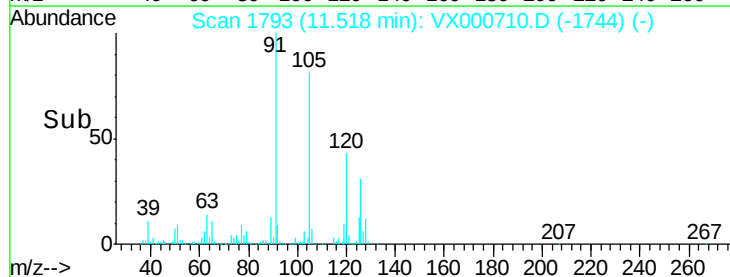
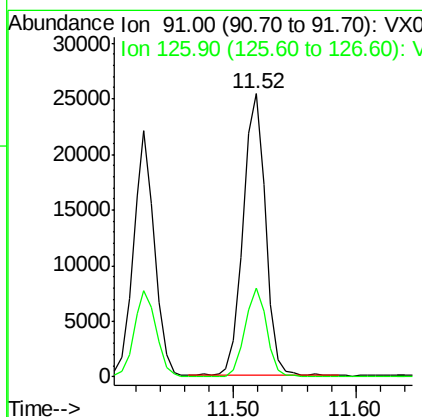
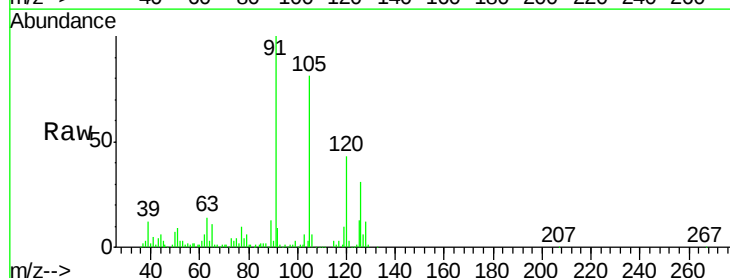
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

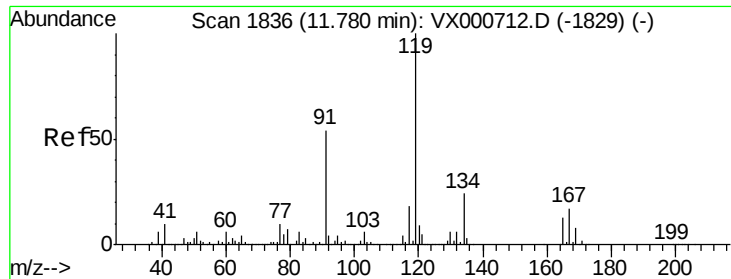
Tgt Ion: 75 Resp: 4148
Ion Ratio Lower Upper
75 100
53 105.3 74.2 111.2
89 65.9 46.6 69.8



#82
4-Chlorotoluene
Concen: 3.023 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion: 91 Resp: 32212
Ion Ratio Lower Upper
91 100
126 31.0 16.0 48.0

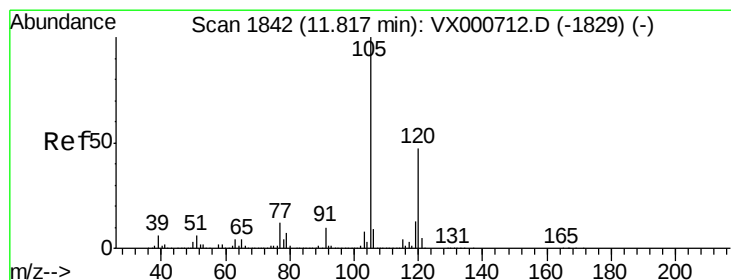
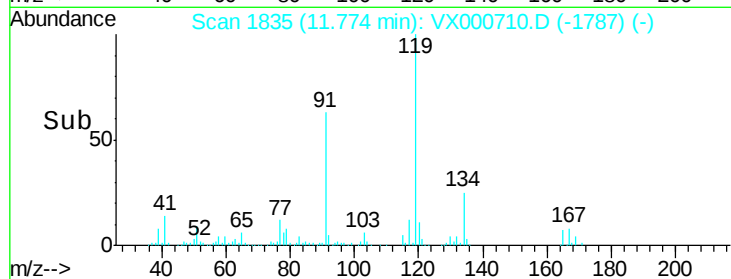
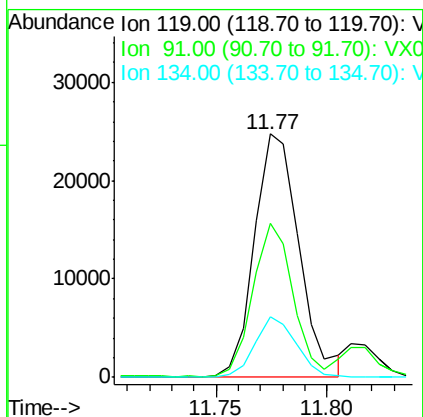
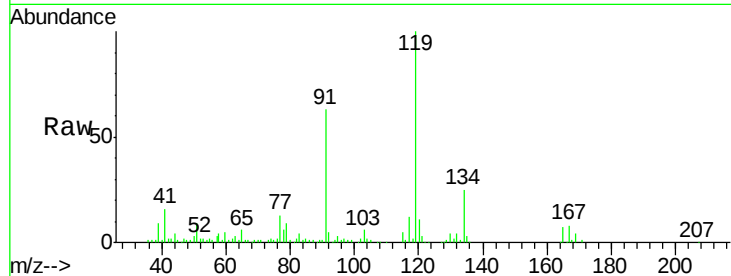




#83
 tert-Butylbenzene
 Concen: 2.990 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

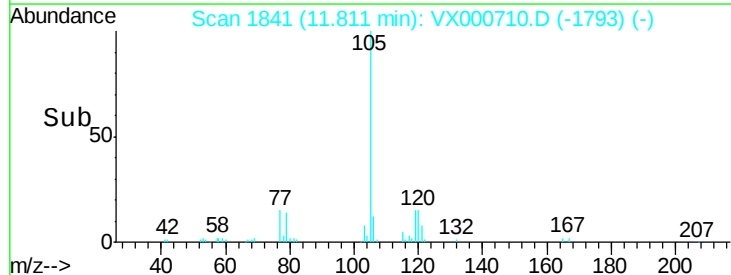
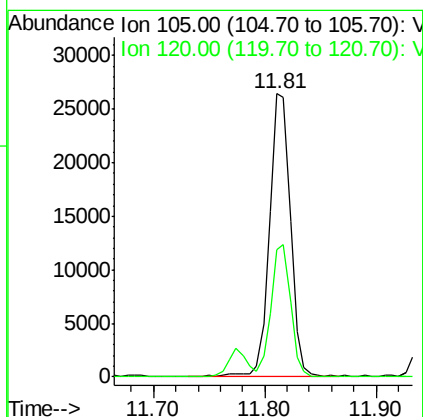
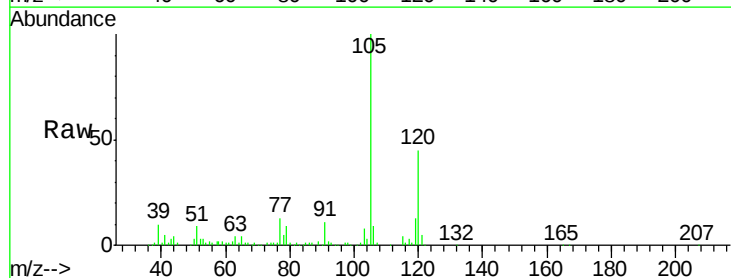
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

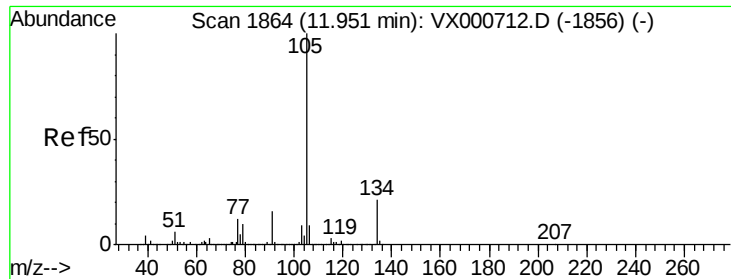
Tgt Ion:119 Resp: 34677
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.3 81.8
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.006 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion:105 Resp: 35010
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 3.023 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

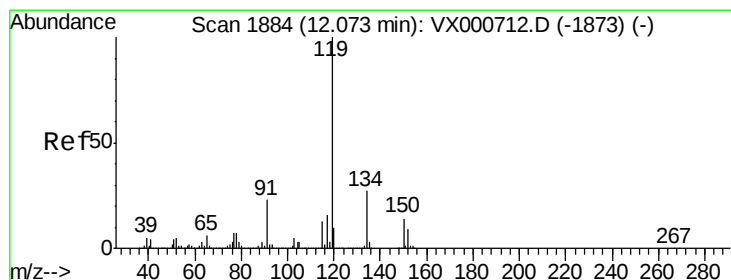
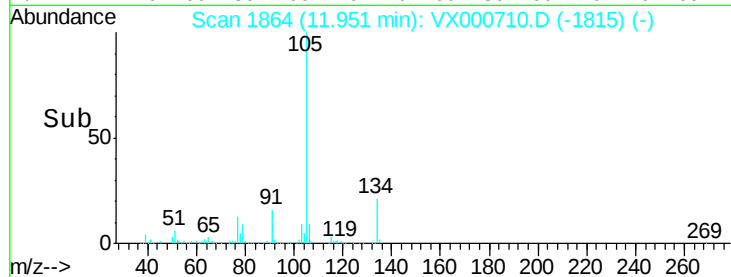
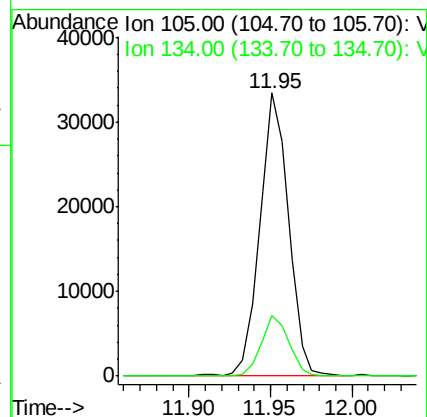
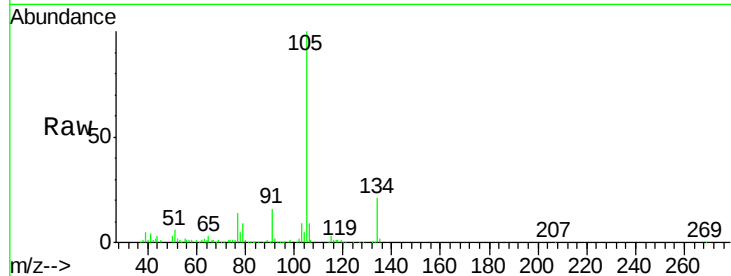
VSTDIC005

Tgt Ion:105 Resp: 41090

Ion Ratio Lower Upper

105 100

134 20.6 10.7 32.1



#86

p-Isopropyltoluene

Concen: 2.952 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

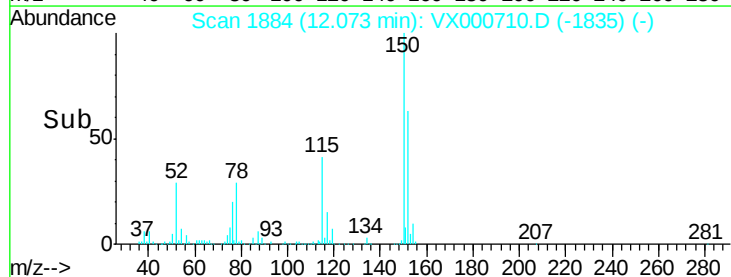
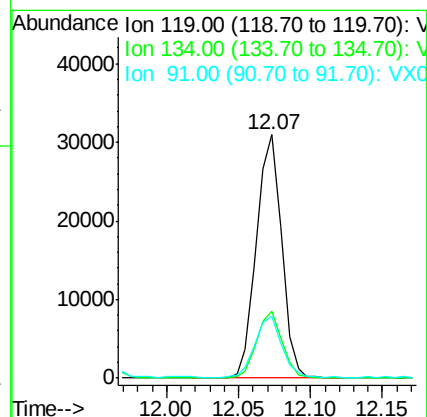
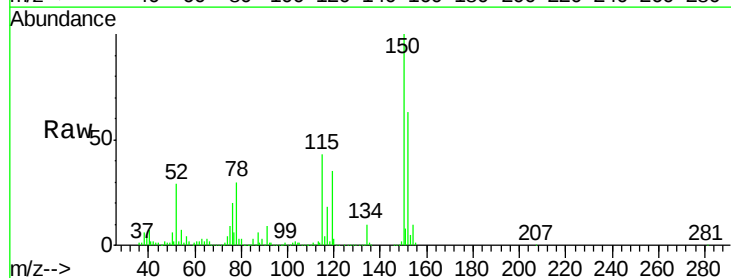
Tgt Ion:119 Resp: 37390

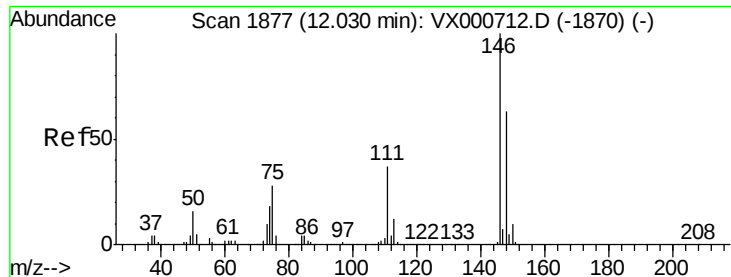
Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

91 26.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 2.947 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

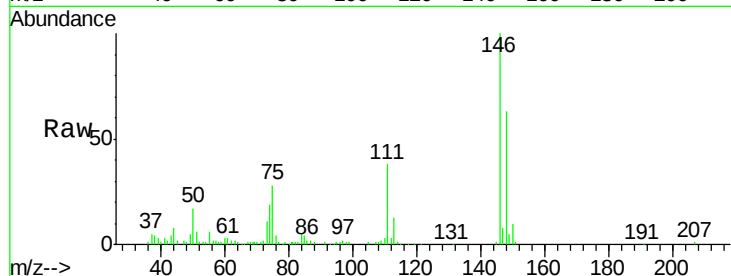
Tgt Ion:146 Resp: 20488

Ion Ratio Lower Upper

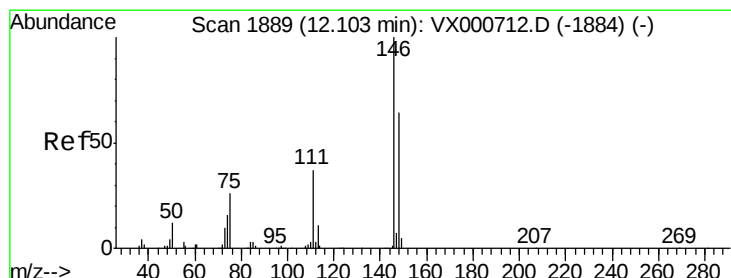
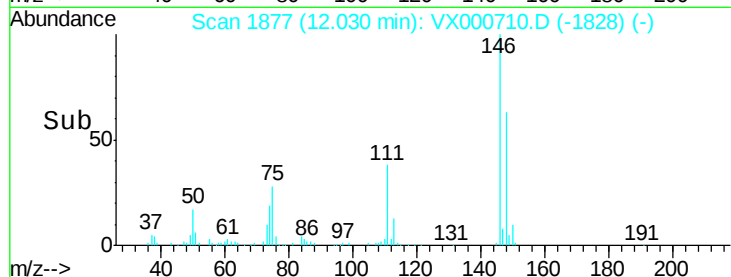
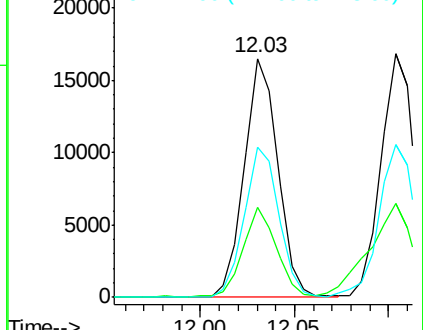
146 100

111 37.6 18.6 55.8

148 64.7 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: 2.966 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

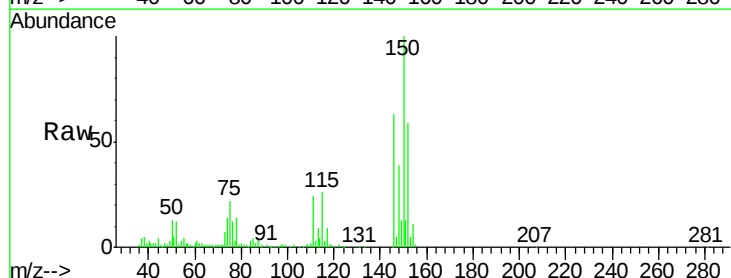
Tgt Ion:146 Resp: 20995

Ion Ratio Lower Upper

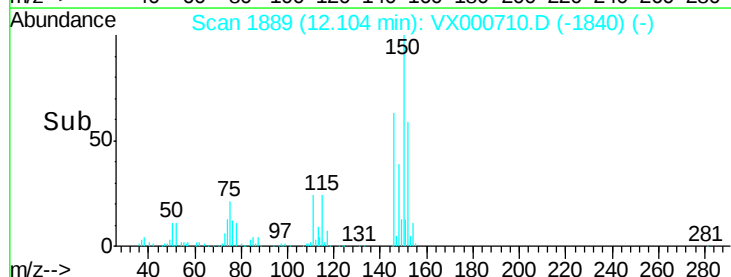
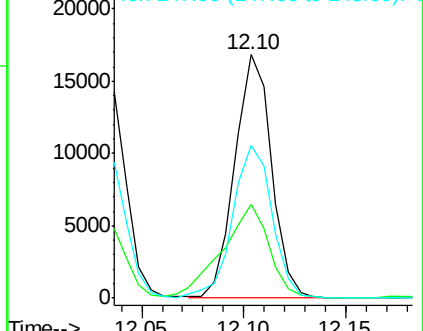
146 100

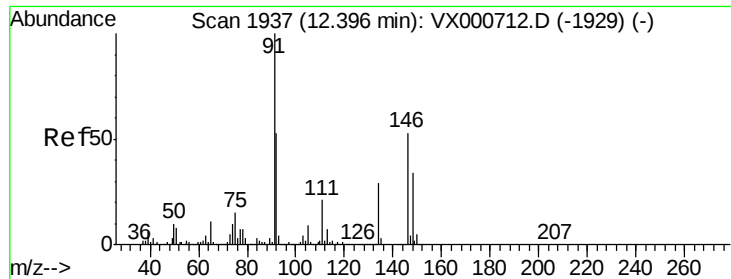
111 49.3 18.2 54.6

148 67.4 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: 3.017 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000710.D

Acq: 07 Apr 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

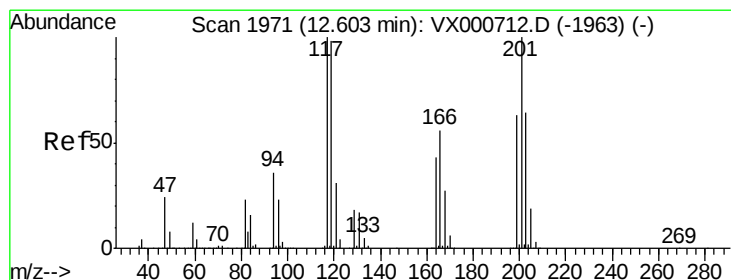
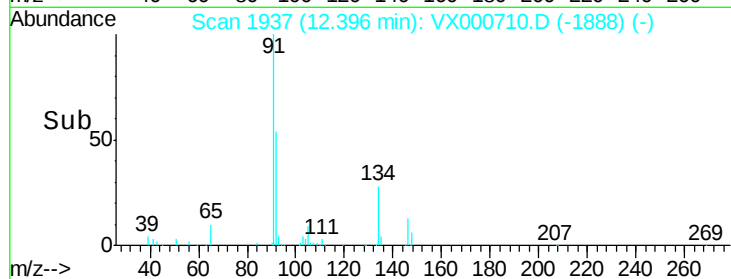
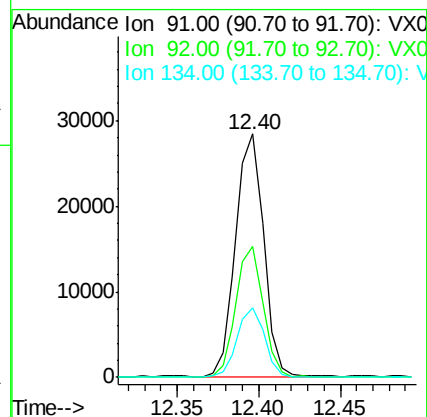
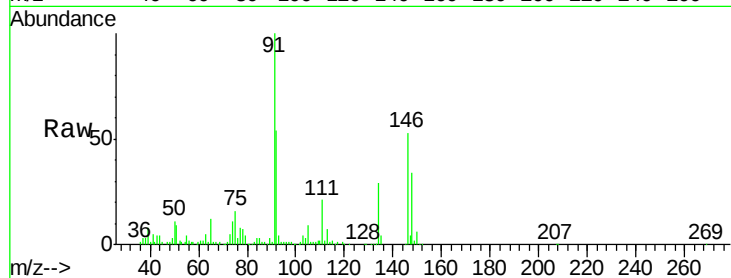
Tgt Ion: 91 Resp: 33859

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

134 28.4 14.4 43.0



#90

Hexachloroethane

Concen: 2.850 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000710.D

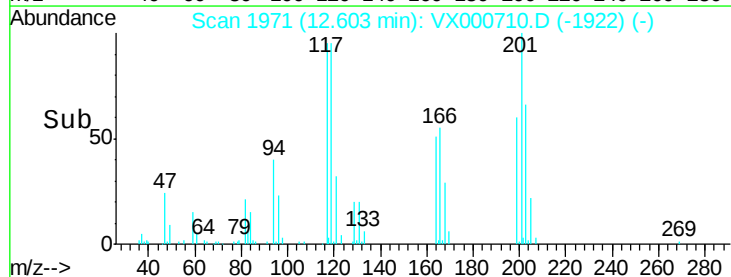
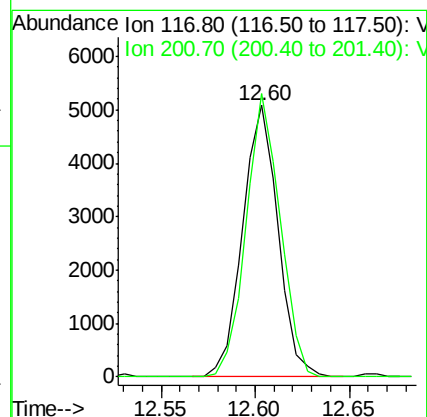
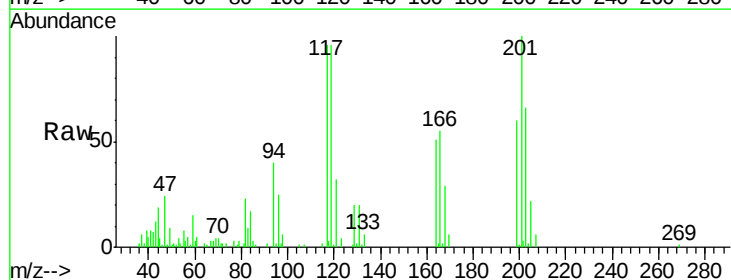
Acq: 07 Apr 2018 11:49

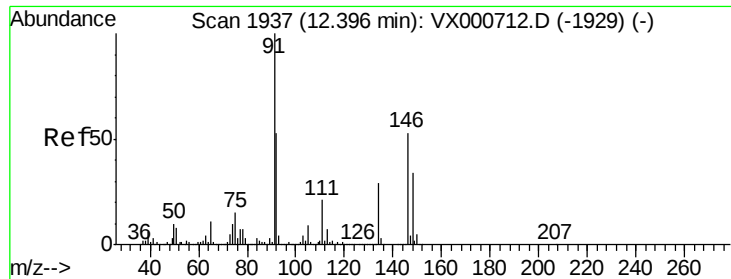
Tgt Ion: 117 Resp: 6605

Ion Ratio Lower Upper

117 100

201 100.3 51.2 153.6

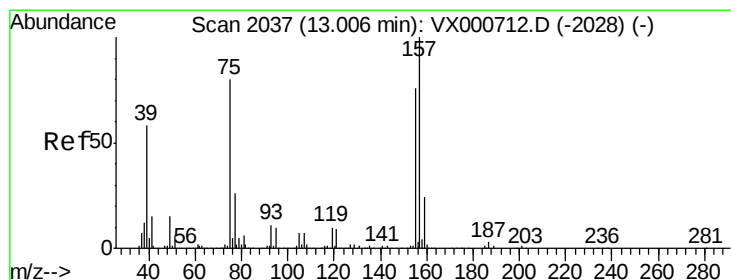
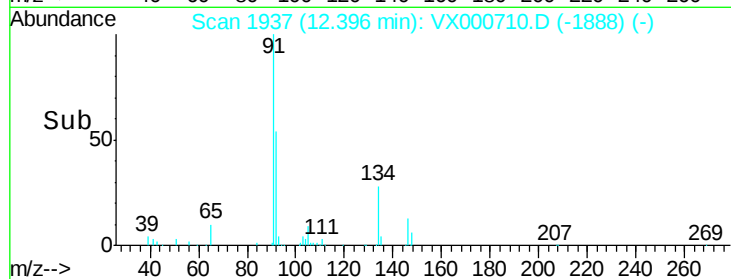
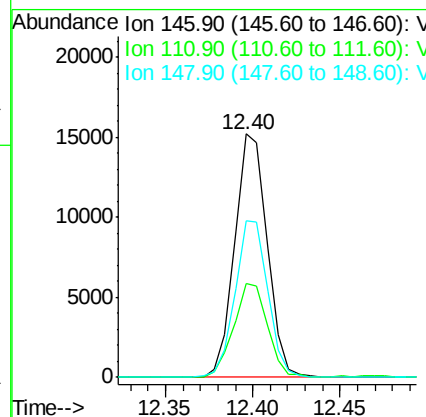
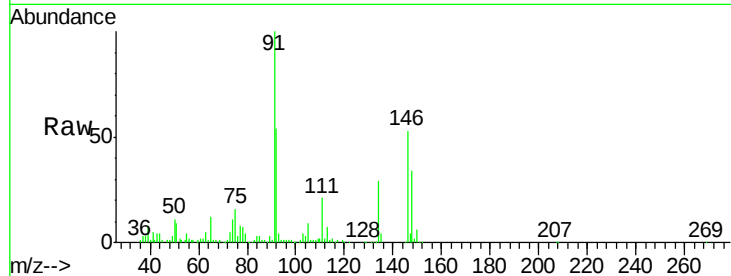




#91
 1,2-Dichlorobenzene
 Concen: 2.868 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

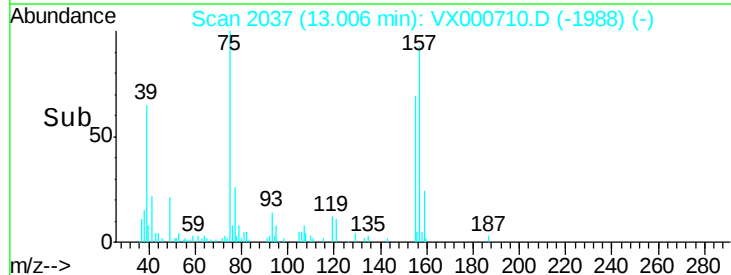
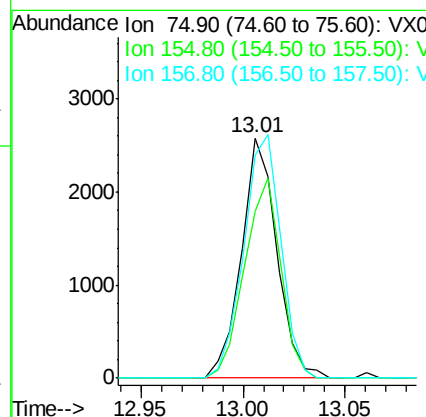
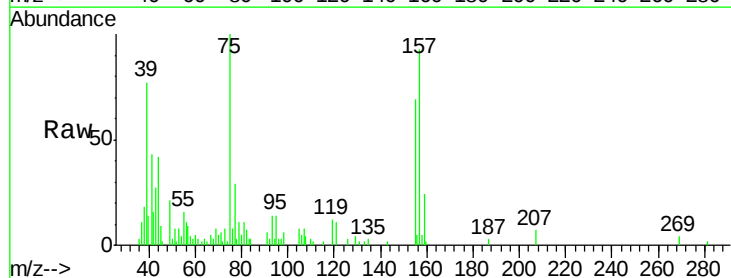
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

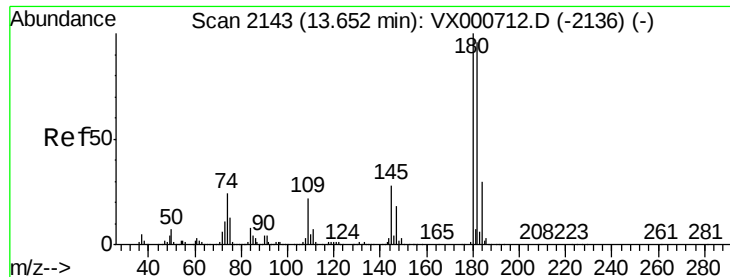
Tgt Ion: 146 Resp: 19651
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.3 57.9
 148 64.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.965 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion: 75 Resp: 3110
 Ion Ratio Lower Upper
 75 100
 155 85.3 48.4 145.0
 157 106.7 62.8 188.5

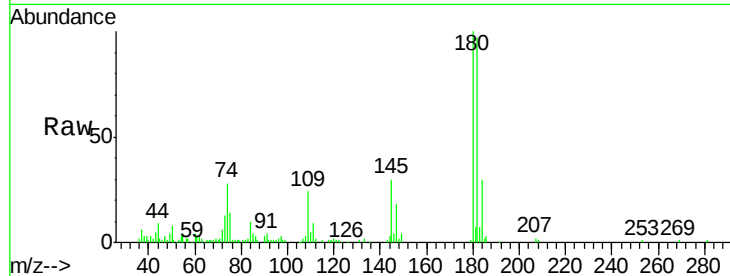




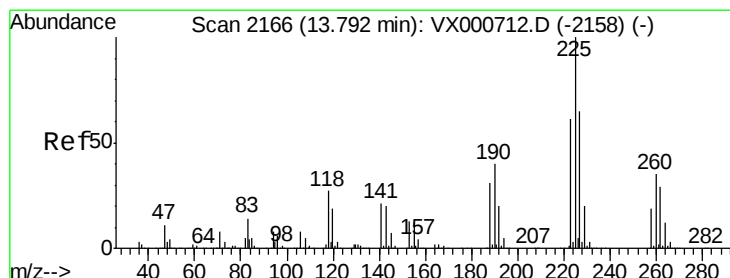
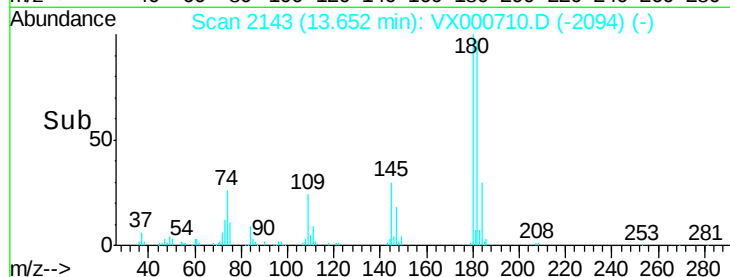
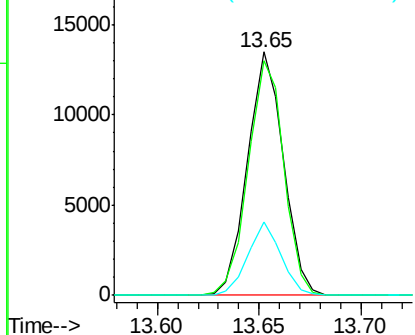
#93
 1,2,4-Trichlorobenzene
 Concen: 2.870 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 16504
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.7
 145 28.1 14.1 42.3

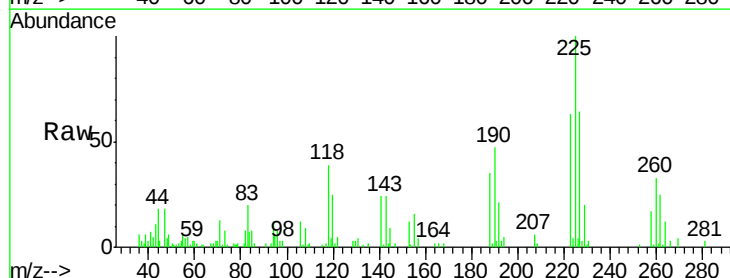


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

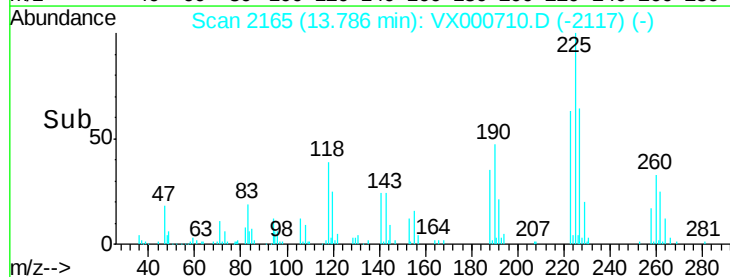
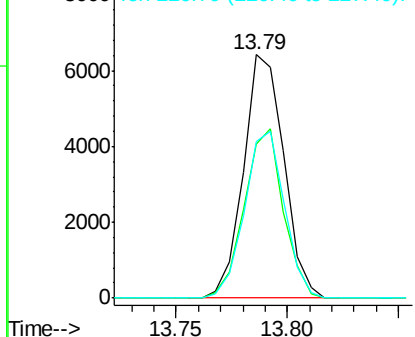


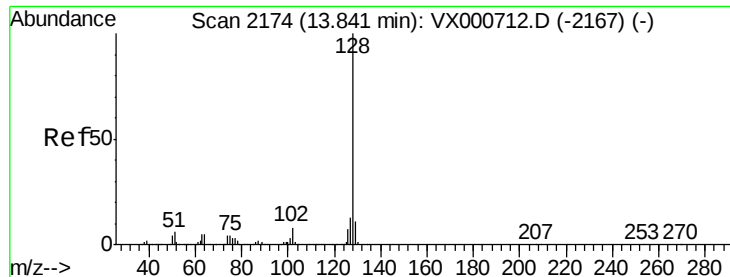
#94
 Hexachlorobutadiene
 Concen: 2.891 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000710.D
 Acq: 07 Apr 2018 11:49

Tgt Ion:225 Resp: 8157
 Ion Ratio Lower Upper
 225 100
 223 66.9 30.9 92.8
 227 67.2 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

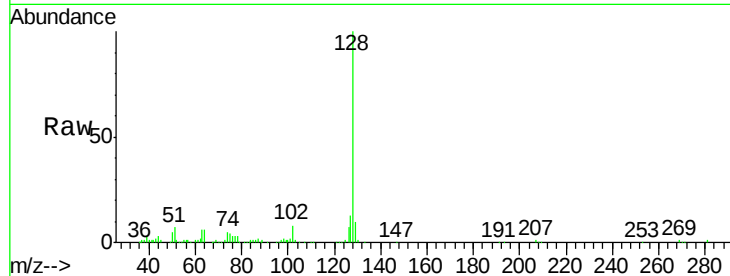




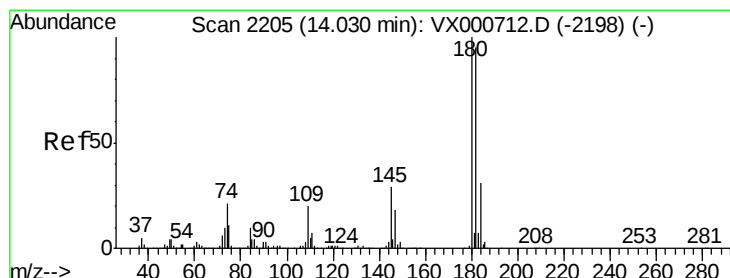
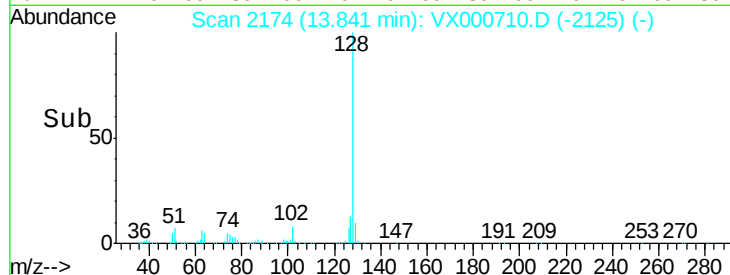
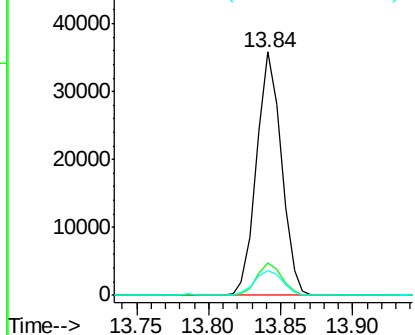
#95
Naphthalene
Concen: 2.732 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 42628
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.4 8.8 13.2

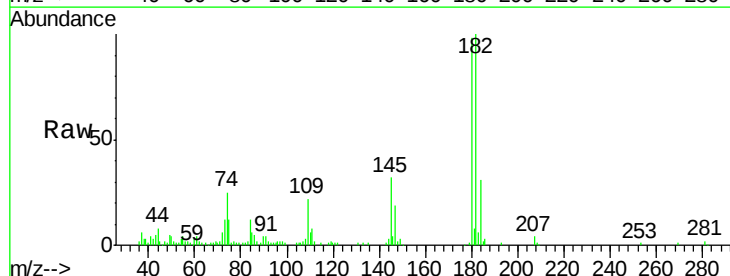


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.828 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000710.D
Acq: 07 Apr 2018 11:49

Tgt Ion:180 Resp: 15907
Ion Ratio Lower Upper
180 100
182 99.5 47.8 143.3
145 31.9 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

