

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000323.D
 Acq On : 15 Mar 2018 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC50

Quant Time: Mar 16 02:36:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80670	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
35) Dibromofluoromethane	5.52	113	63552	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	8.73	98	254858	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.15	95	105027	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59405	39.65	ug/l	99
3) Chloromethane	1.32	50	58457	38.27	ug/l	99
4) Vinyl Chloride	1.41	62	67397	39.40	ug/l	98
5) Bromomethane	1.64	94	82325	43.12	ug/l	97
6) Chloroethane	1.73	64	43992	36.18	ug/l	96
7) Trichlorofluoromethane	1.93	101	120950	40.71	ug/l	99
8) Diethyl Ether	2.20	74	42971	40.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69762	43.60	ug/l	97
10) Methyl Iodide	2.52	142	69202	42.81	ug/l	99
11) Tert butyl alcohol	3.07	59	126315	202.88	ug/l	99
12) 1,1-Dichloroethene	2.38	96	59314	39.07	ug/l	92
13) Acrolein	2.30	56	62353	232.79	ug/l	99
14) Allyl chloride	2.73	41	110230	40.71	ug/l	98
15) Acrylonitrile	3.15	53	248505	207.01	ug/l	99
16) Acetone	2.45	43	275272	214.25	ug/l	97
17) Carbon Disulfide	2.57	76	162162	36.56	ug/l	98
18) Methyl Acetate	2.78	43	122363	42.56	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	228289	42.71	ug/l	98
20) Methylene Chloride	2.87	84	68335	41.08	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	65145	38.81	ug/l	96
22) Diisopropyl ether	3.87	45	215550	47.83	ug/l	94
23) Vinyl Acetate	3.83	43	1049155	244.27	ug/l	99
24) 1,1-Dichloroethane	3.70	63	122018	43.04	ug/l	100
25) 2-Butanone	4.71	43	344882	224.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	91943	44.93	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65127	42.47	ug/l	99
28) Bromochloromethane	5.03	49	58140	48.80	ug/l	99
29) Tetrahydrofuran	5.17	42	223331	225.96	ug/l	98
30) Chloroform	5.23	83	121374	45.35	ug/l	96
31) Cyclohexane	5.59	56	95126	43.73	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	107020	45.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	90253	44.96	ug/l	99
37) Ethyl Acetate	4.87	43	121650	45.60	ug/l	99
38) Carbon Tetrachloride	5.79	117	94417	46.66	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109823	46.91	ug/l	97
40) Benzene	6.15	78	259390	45.55	ug/l	99
41) Methacrylonitrile	5.07	41	64114	45.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104185	46.16	ug/l	99
43) Isopropyl Acetate	6.47	43	189123	49.12	ug/l	99
44) Trichloroethene	7.22	130	75365	45.67	ug/l	91
45) 1,2-Dichloropropane	7.52	63	69200	49.27	ug/l	98
46) Dibromomethane	7.67	93	53308	47.25	ug/l	99
47) Bromodichloromethane	7.91	83	99487	49.68	ug/l	99
48) Methyl methacrylate	7.79	41	92125	47.32	ug/l	99
49) 1,4-Dioxane	7.76	88	37791	862.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	722154	241.52	ug/l	98
52) Toluene	8.79	92	180667	45.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	114286	49.45	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	114285	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	76260	47.51	ug/l	100
56) Ethyl methacrylate	9.19	69	120162	50.56	ug/l	100
57) 1,3-Dichloropropane	9.38	76	124772	47.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295951	292.27	ug/l	99
59) 2-Hexanone	9.51	43	617915	245.29	ug/l	99
60) Dibromochloromethane	9.59	129	84328	49.69	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83982	47.20	ug/l	99
64) Tetrachloroethene	9.34	164	72725	50.59	ug/l	97
65) Chlorobenzene	10.15	112	219142	48.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	76758	50.11	ug/l	100
67) Ethyl Benzene	10.26	91	378990	48.81	ug/l	98
68) m/p-Xylenes	10.37	106	303128	100.19	ug/l	99
69) o-Xylene	10.71	106	145084	49.37	ug/l	99
70) Styrene	10.72	104	248434	50.94	ug/l	99
71) Bromoform	10.87	173	68638	44.68	ug/l #	95
73) Isopropylbenzene	11.02	105	403936	46.33	ug/l	100
74) N-amyl acetate	6.47	43	189123	45.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	141654	45.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	170486	65.85	ug/l	83
77) Bromobenzene	11.26	156	102395	44.75	ug/l	99
78) n-propylbenzene	11.37	91	486257	46.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	272407	45.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	354654	47.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43773	45.84	ug/l	97
82) 4-Chlorotoluene	11.52	91	350131	47.75	ug/l	99
83) tert-Butylbenzene	11.78	119	347265	47.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	374405	49.03	ug/l	99
85) sec-Butylbenzene	11.96	105	442501	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	402437	49.85	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	204481	45.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	216304	46.35	ug/l	98
89) n-Butylbenzene	12.40	91	387970	49.43	ug/l	99
90) Hexachloroethane	12.60	117	64320	49.68	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	204207	46.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40638	48.37	ug/l	97

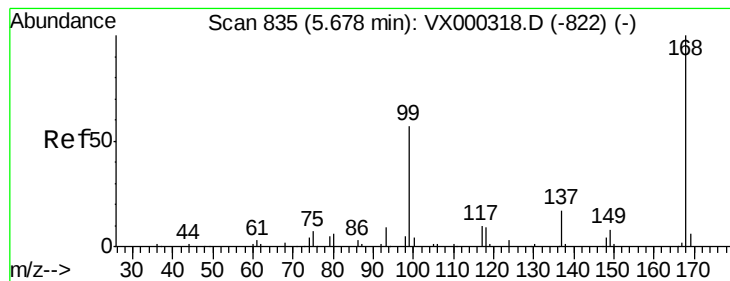
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	145361	46.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	57262	46.33	ug/l	100
95) Naphthalene	13.85	128	517527	47.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	146638	46.33	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

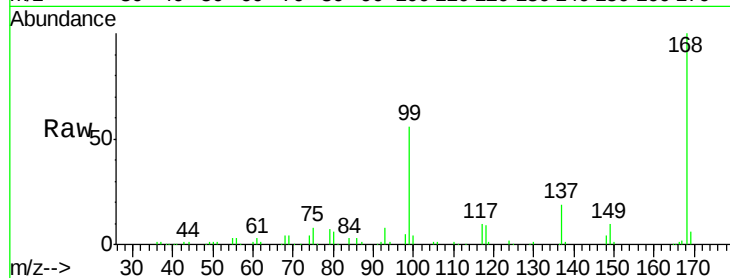
VSTDCC50

Tgt Ion:168 Resp: 139094

Ion Ratio Lower Upper

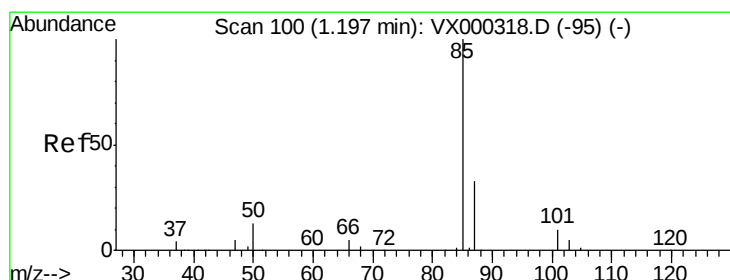
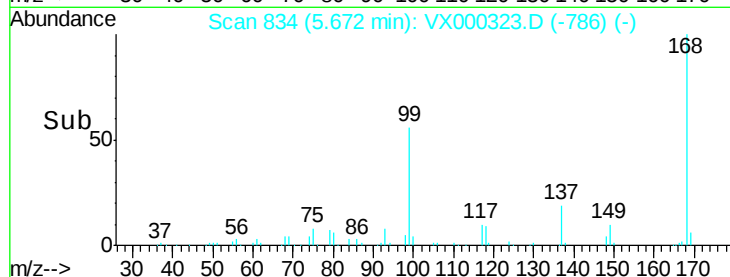
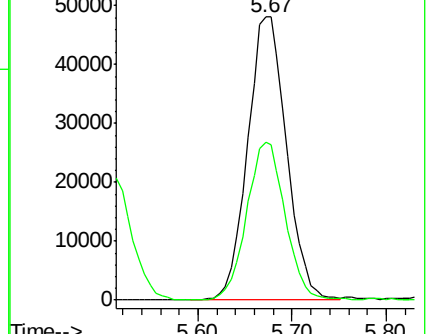
168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000323.D

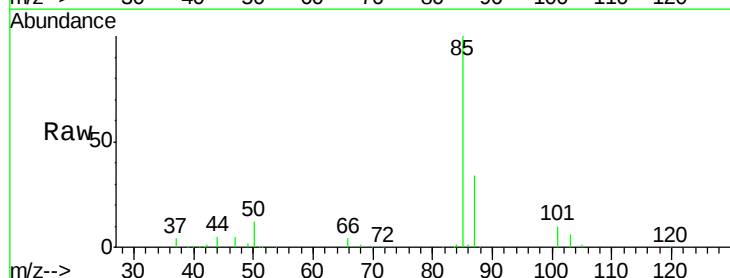
Acq: 15 Mar 2018 12:13

Tgt Ion: 85 Resp: 59405

Ion Ratio Lower Upper

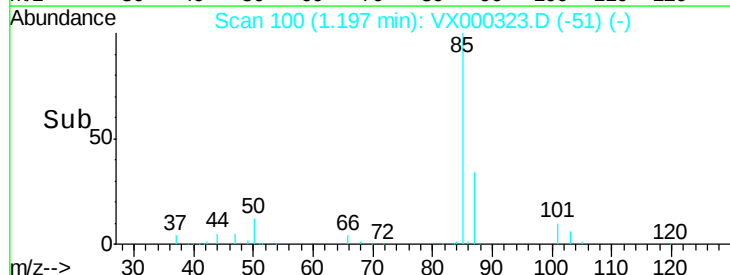
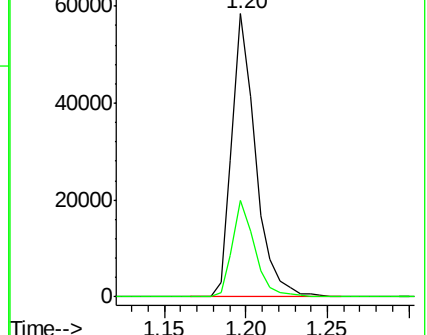
85 100

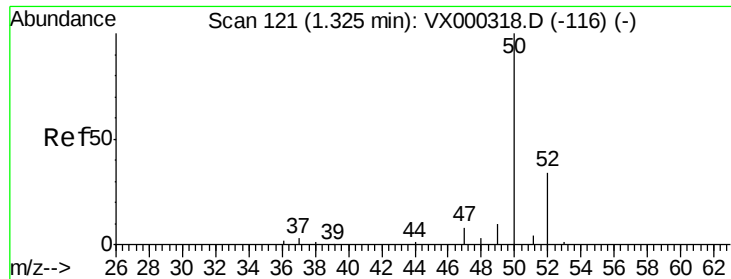
87 34.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

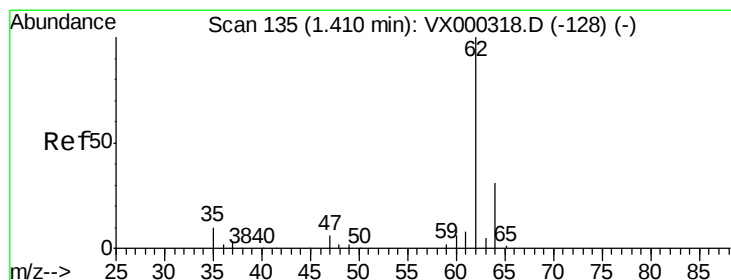
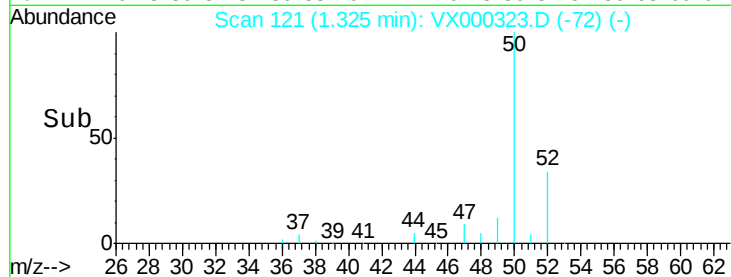
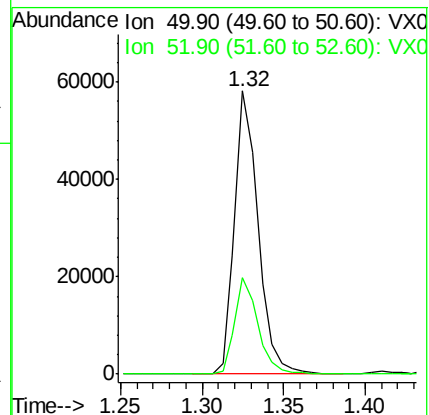
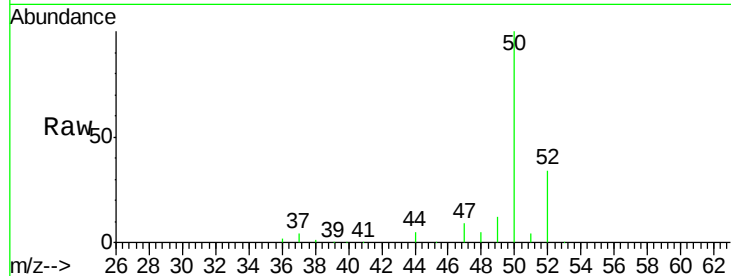
VSTDCC50

Tgt Ion: 50 Resp: 58457

Ion Ratio Lower Upper

50 100

52 34.0 27.5 41.3



#4

Vinyl Chloride

Concen: 39.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000323.D

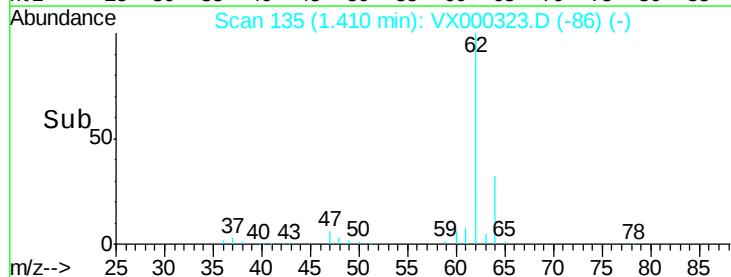
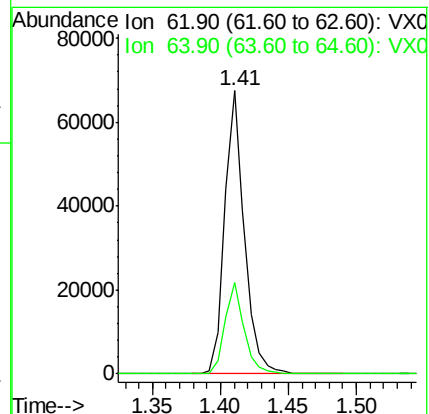
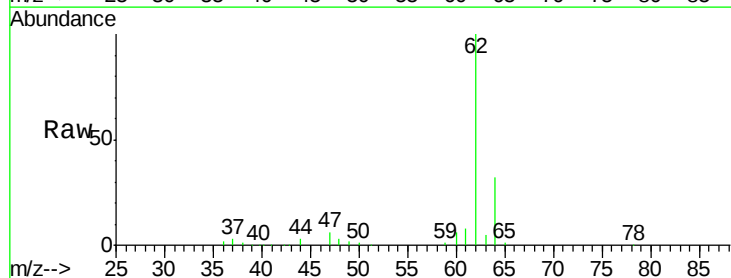
Acq: 15 Mar 2018 12:13

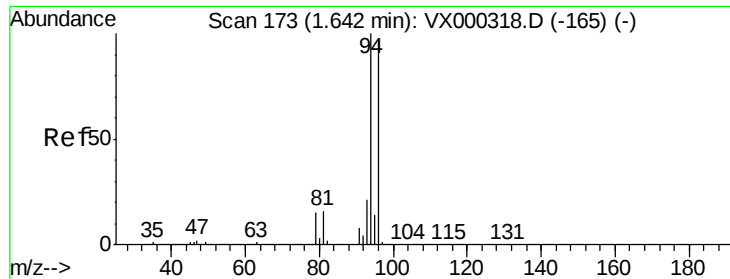
Tgt Ion: 62 Resp: 67397

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 43.12 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

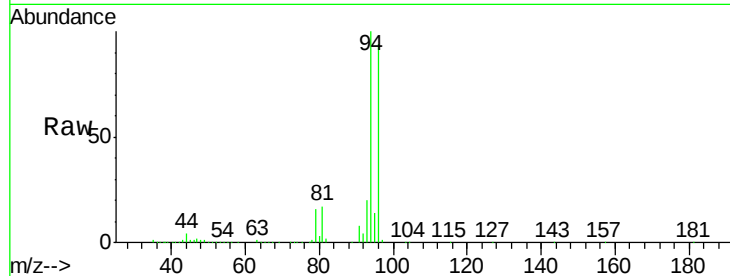
VSTDCC50

Tgt Ion: 94 Resp: 82325

Ion Ratio Lower Upper

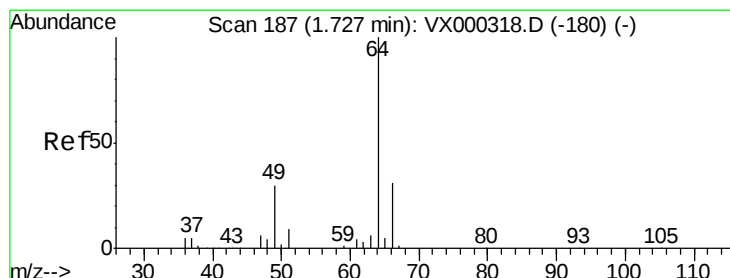
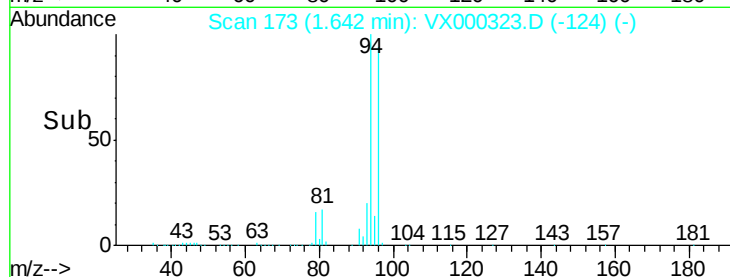
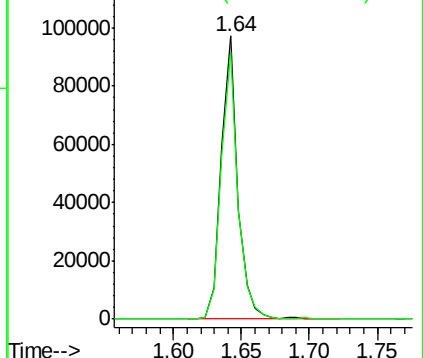
94 100

96 94.2 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 36.18 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000323.D

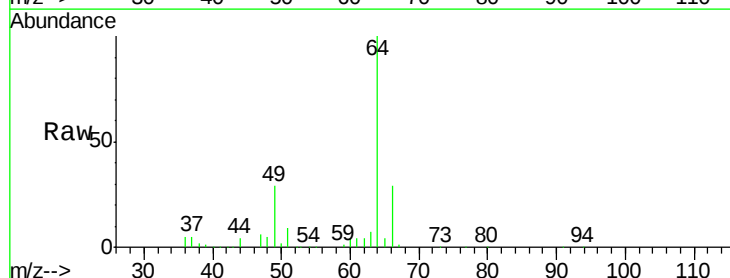
Acq: 15 Mar 2018 12:13

Tgt Ion: 64 Resp: 43992

Ion Ratio Lower Upper

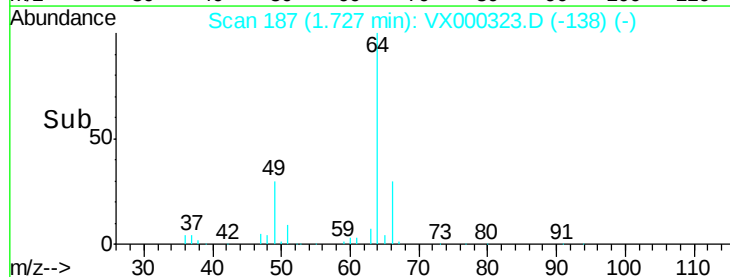
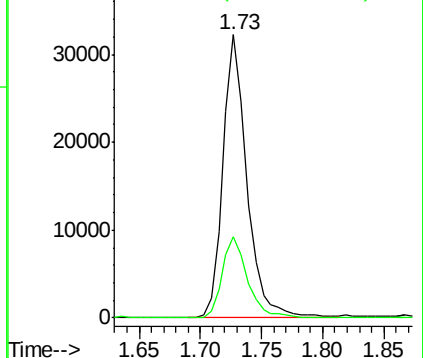
64 100

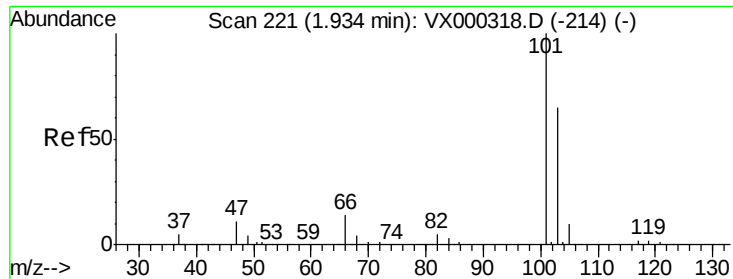
66 28.6 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



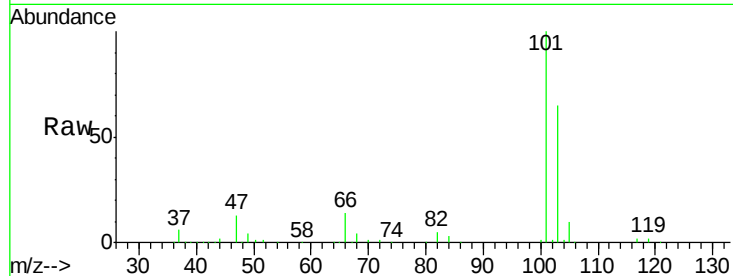


#7

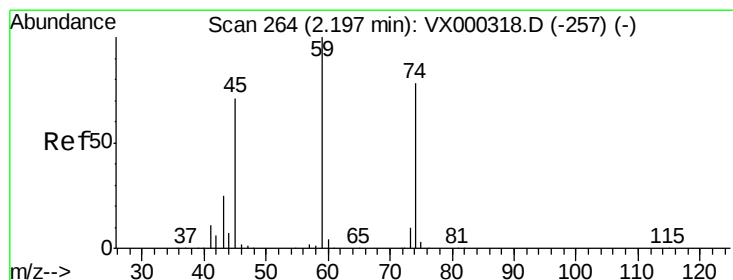
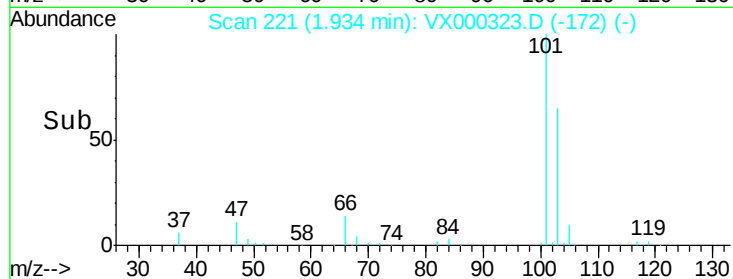
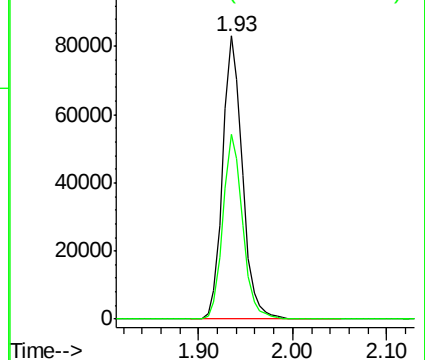
Trichlorofluoromethane
Concen: 40.71 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion:101 Resp: 120950
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4



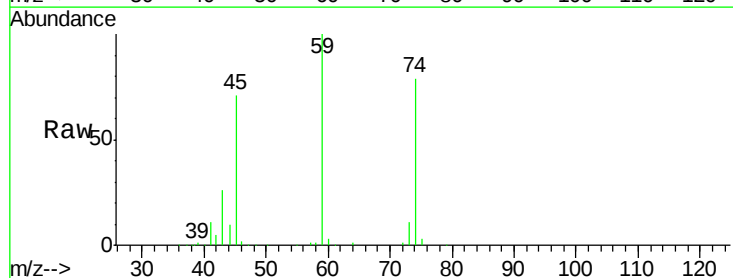
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



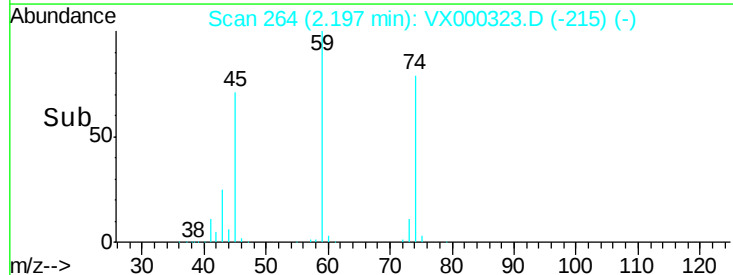
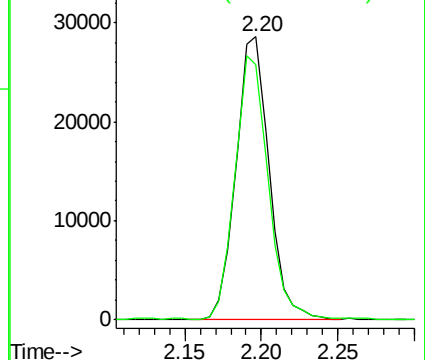
#8

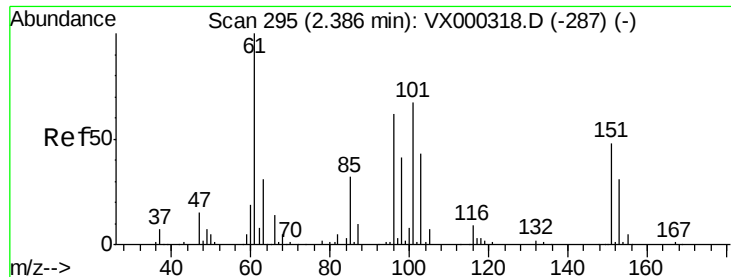
Diethyl Ether
Concen: 40.63 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 74 Resp: 42971
Ion Ratio Lower Upper
74 100
45 92.8 45.1 135.3



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: 43.60 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

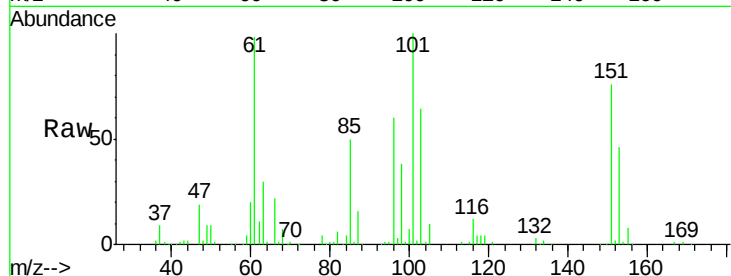
Tgt Ion:101 Resp: 69762

Ion Ratio Lower Upper

101 100

85 48.3 37.6 56.4

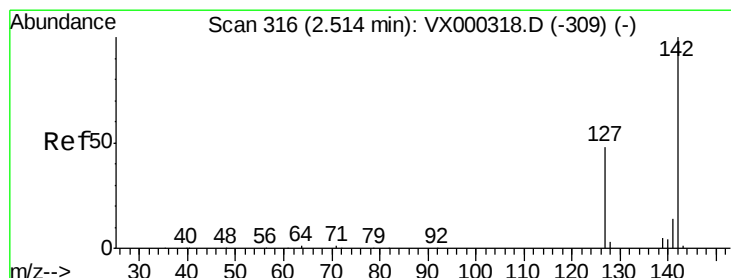
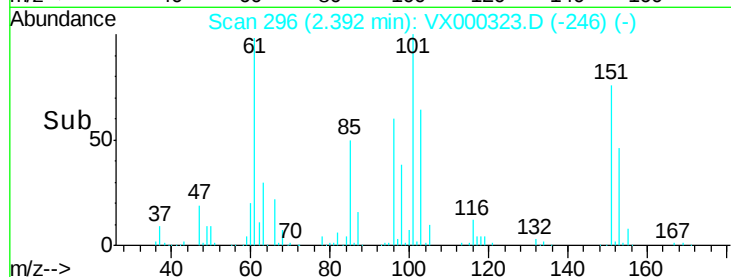
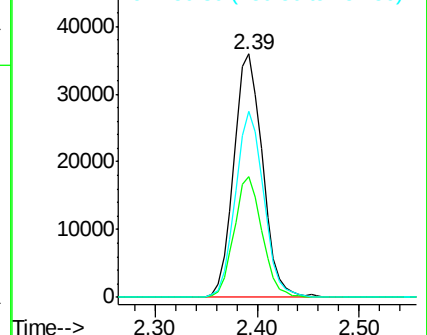
151 75.5 62.6 93.8



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: 42.81 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

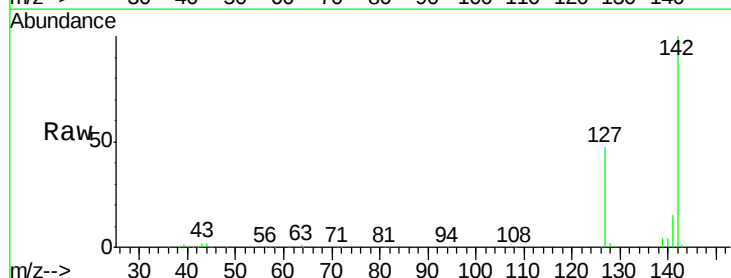
Tgt Ion:142 Resp: 69202

Ion Ratio Lower Upper

142 100

127 48.5 39.2 58.8

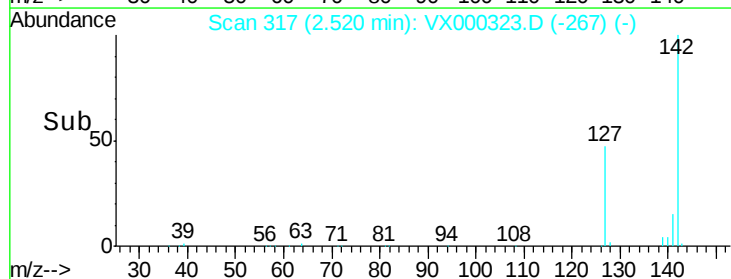
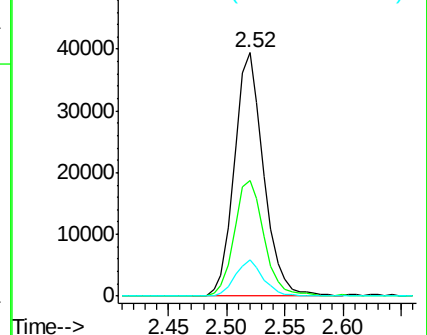
141 14.3 11.7 17.5

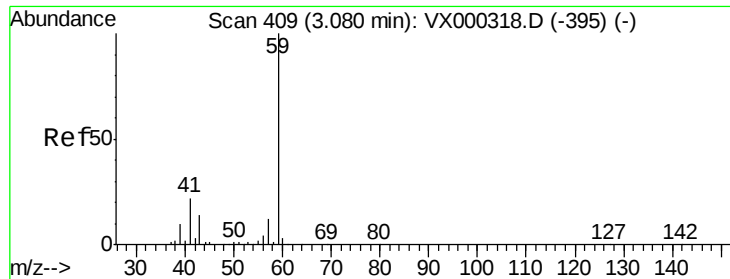


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

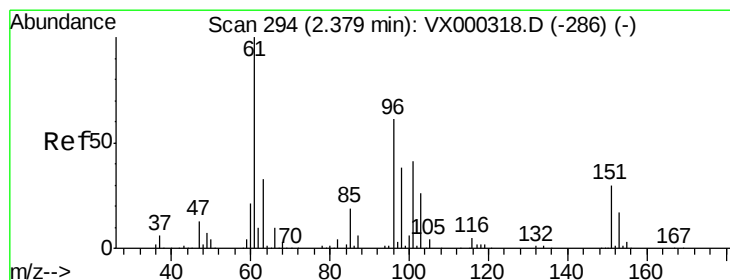
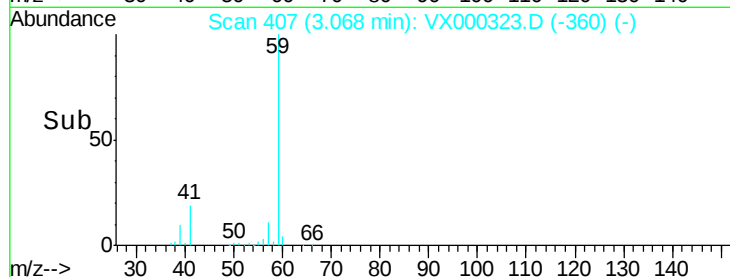
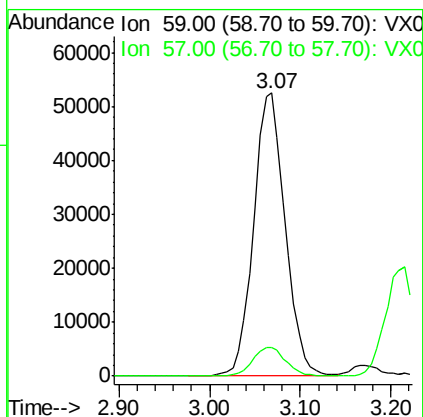
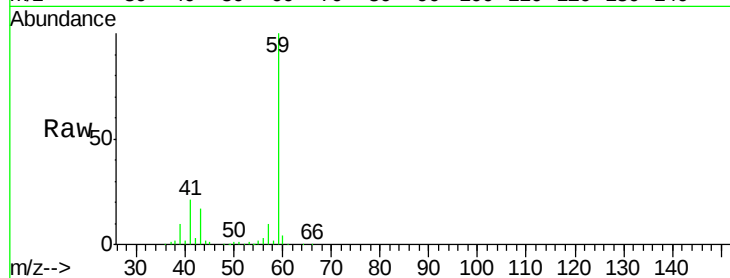




#11
Tert butyl alcohol
Concen: 202.88 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

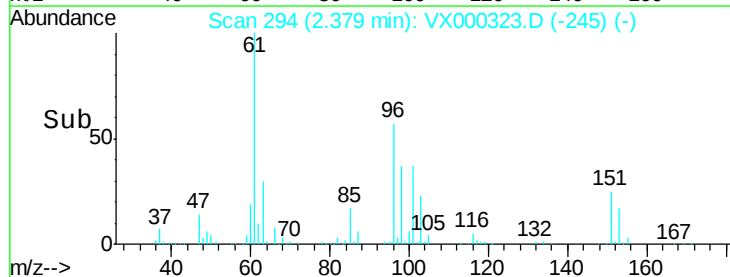
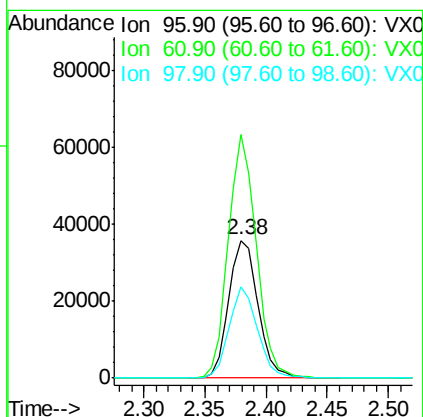
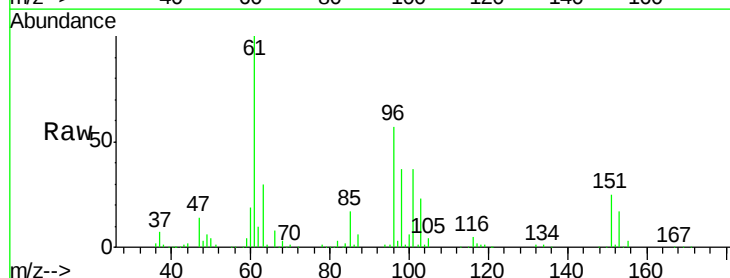
Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

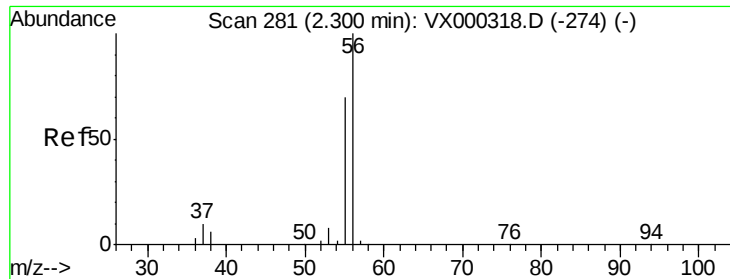
Tgt Ion: 59 Resp: 126315
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 39.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 96 Resp: 59314
Ion Ratio Lower Upper
96 100
61 176.9 131.2 196.8
98 66.2 49.8 74.8





#13

Acrolein

Concen: 232.79 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

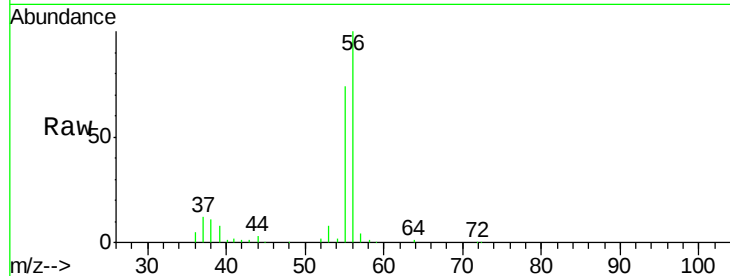
VSTDCC50

Tgt Ion: 56 Resp: 62353

Ion Ratio Lower Upper

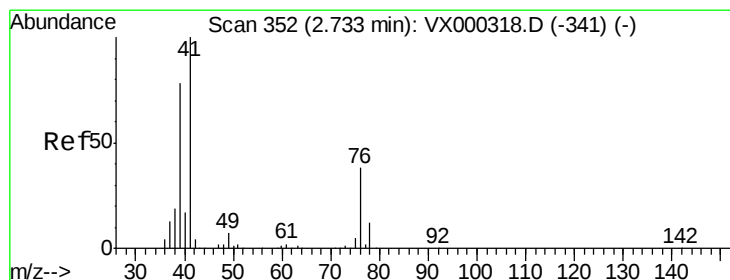
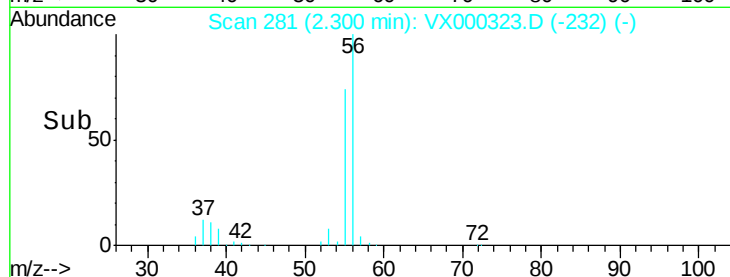
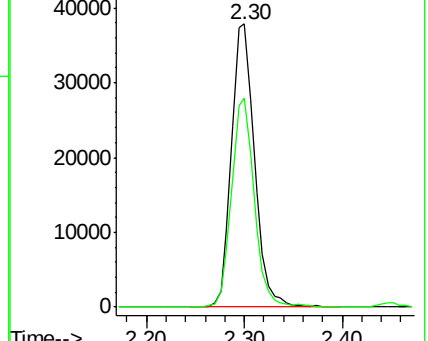
56 100

55 72.8 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 40.71 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

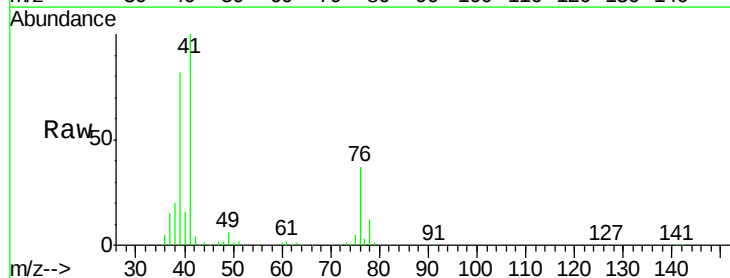
Tgt Ion: 41 Resp: 110230

Ion Ratio Lower Upper

41 100

39 74.7 57.6 86.4

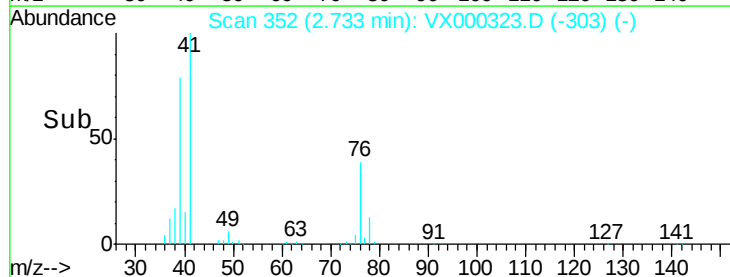
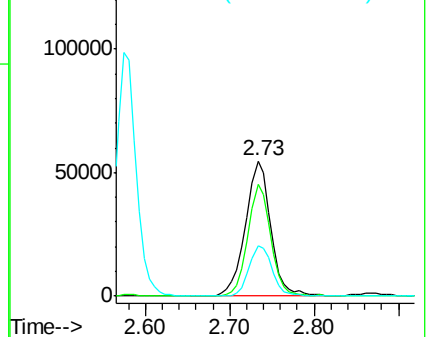
76 33.7 27.3 40.9

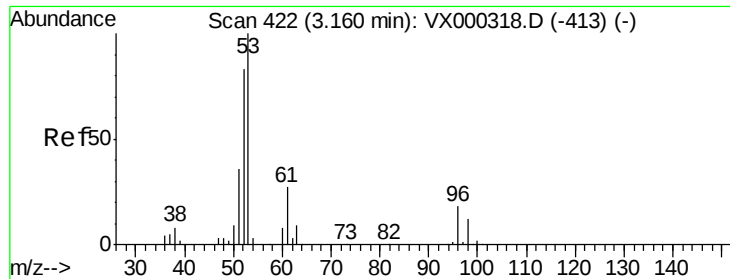


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 207.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

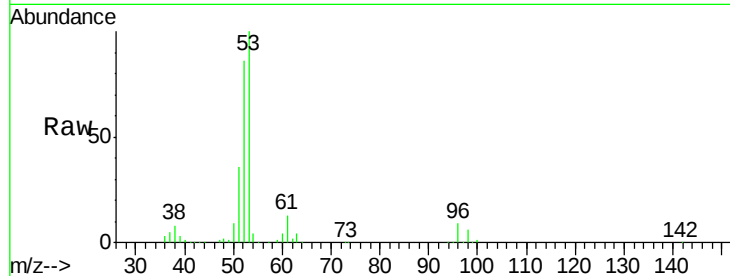
Tgt Ion: 53 Resp: 248505

Ion Ratio Lower Upper

53 100

52 84.4 66.6 99.8

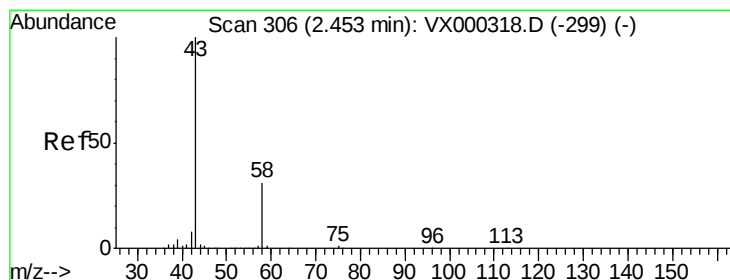
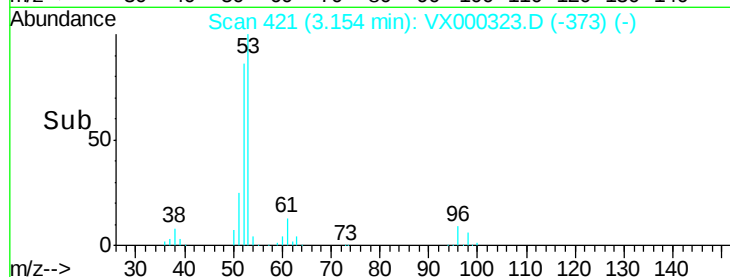
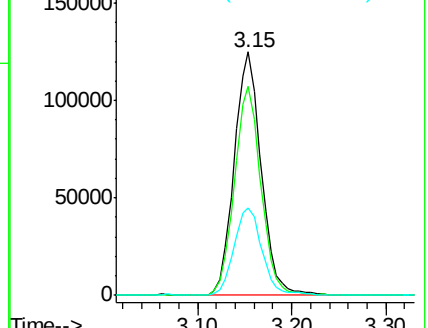
51 37.7 29.3 43.9



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: 214.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000323.D

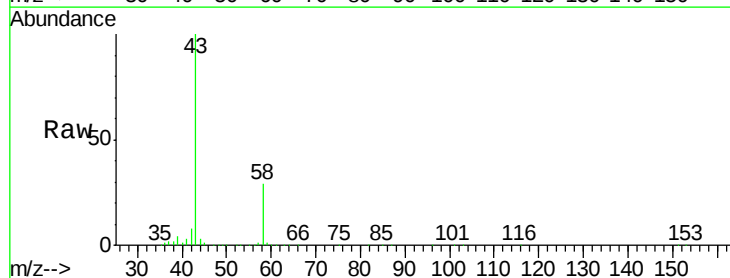
Acq: 15 Mar 2018 12:13

Tgt Ion: 43 Resp: 275272

Ion Ratio Lower Upper

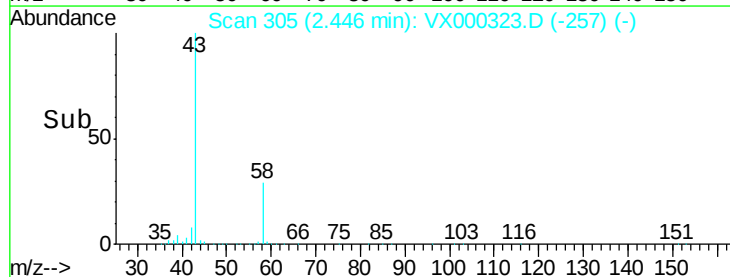
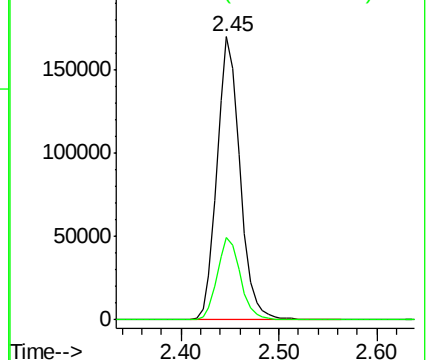
43 100

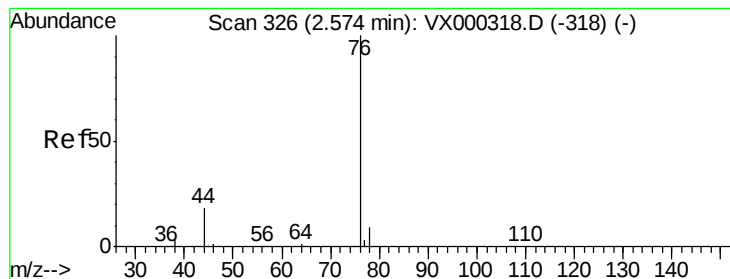
58 29.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 36.56 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

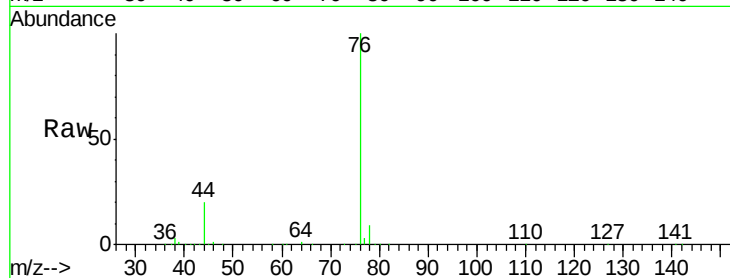
VSTDCC50

Tgt Ion: 76 Resp: 162162

Ion Ratio Lower Upper

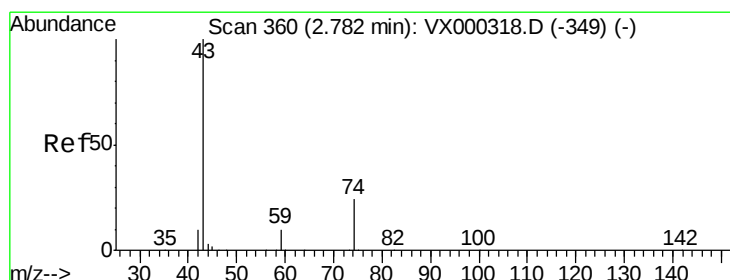
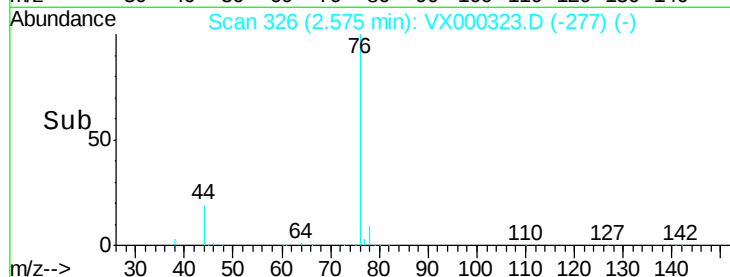
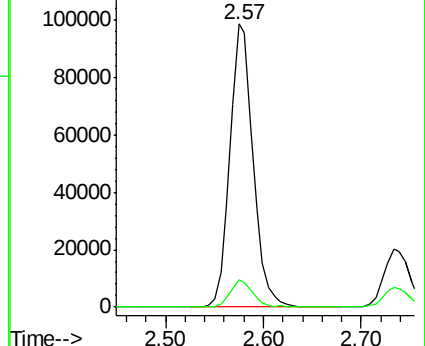
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000323.D

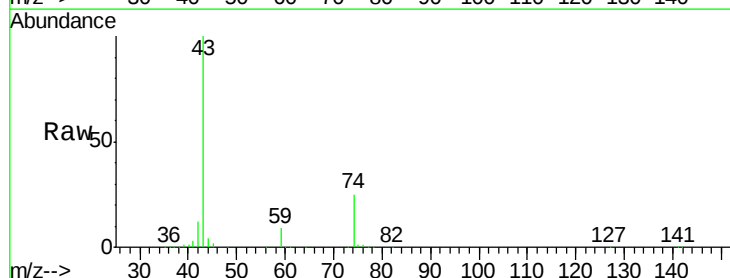
Acq: 15 Mar 2018 12:13

Tgt Ion: 43 Resp: 122363

Ion Ratio Lower Upper

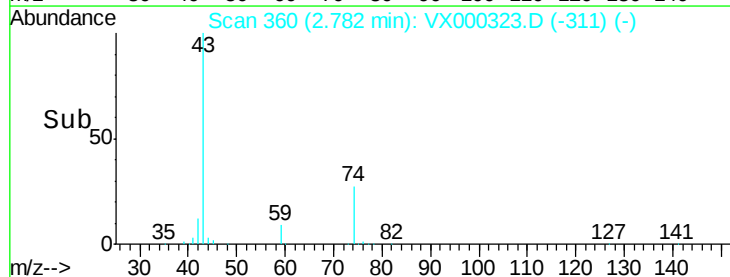
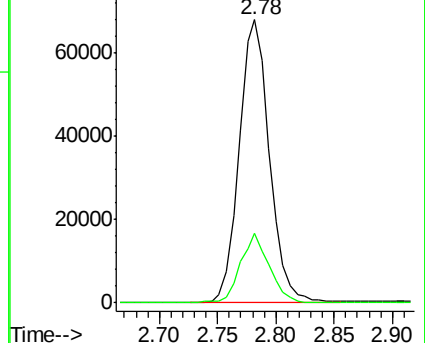
43 100

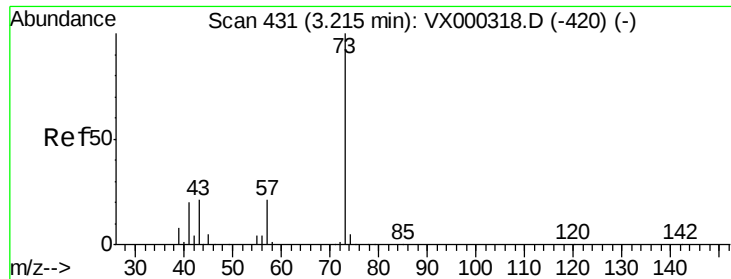
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

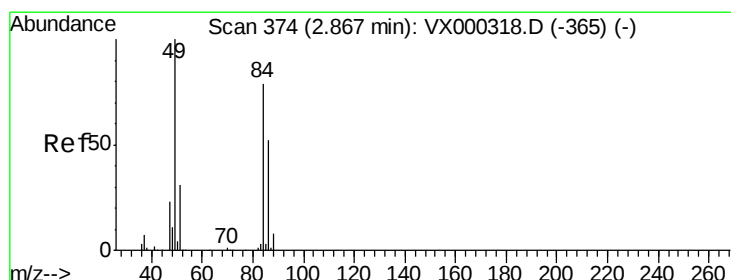
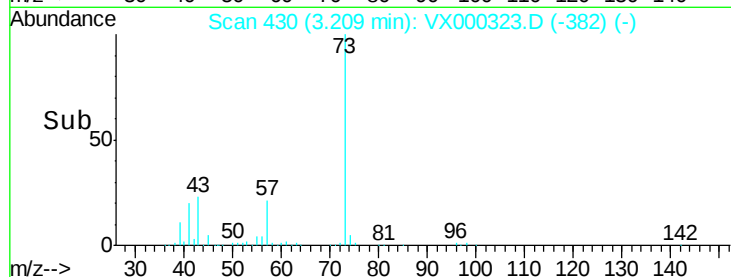
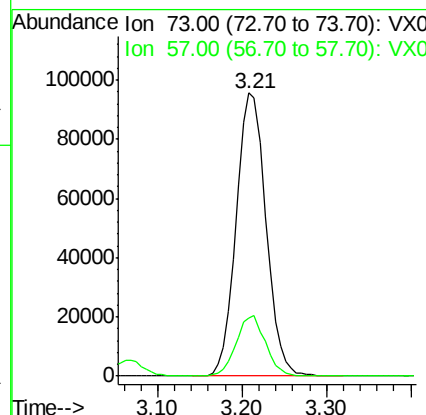
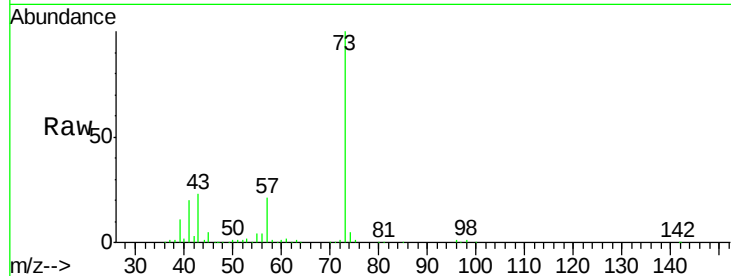




#19
Methyl tert-butyl Ether
Concen: 42.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

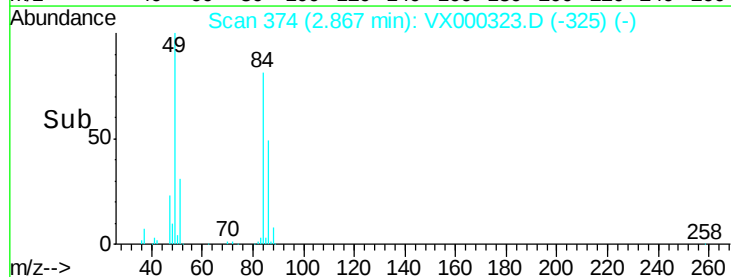
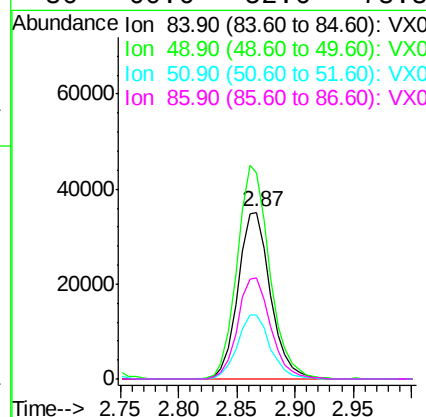
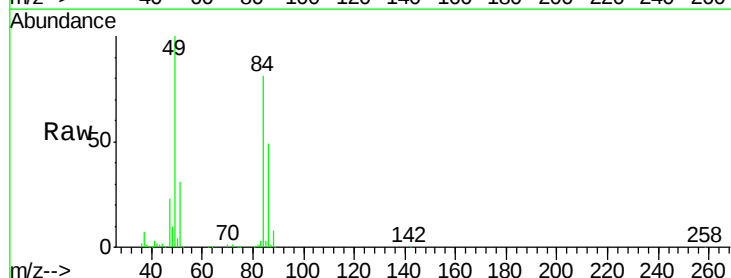
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

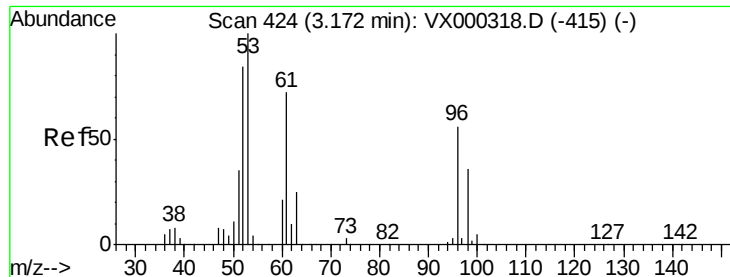
Tgt Ion: 73 Resp: 228289
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8



#20
Methylene Chloride
Concen: 41.08 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 84 Resp: 68335
Ion Ratio Lower Upper
84 100
49 123.8 100.6 151.0
51 38.8 31.6 47.4
86 60.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 38.81 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

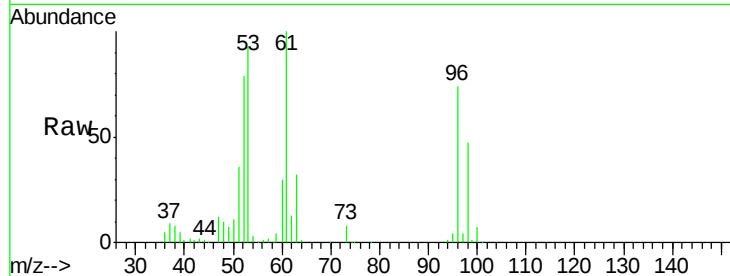
Tgt Ion: 96 Resp: 65145

Ion Ratio Lower Upper

96 100

61 135.6 104.0 156.0

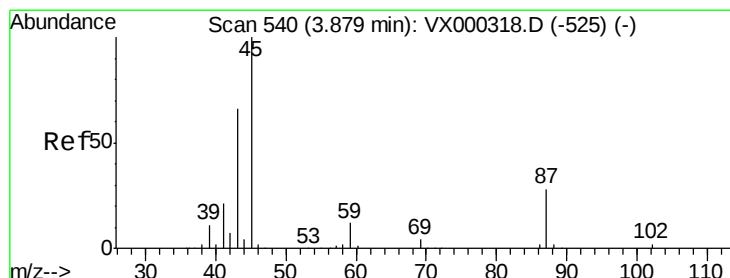
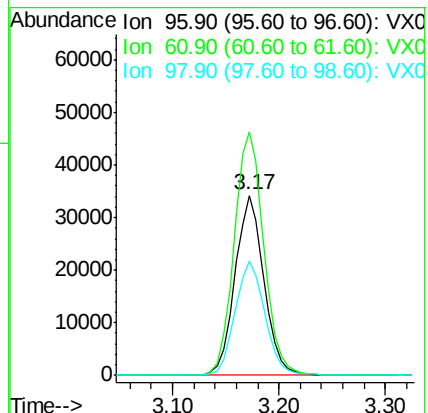
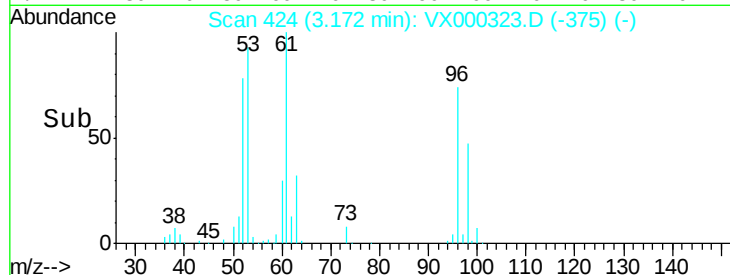
98 63.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.83 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion: 45 Resp: 215550

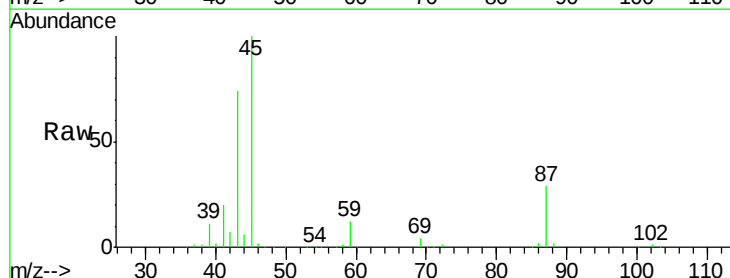
Ion Ratio Lower Upper

45 100

43 74.3 53.9 80.9

87 28.5 22.6 34.0

59 11.9 9.5 14.3

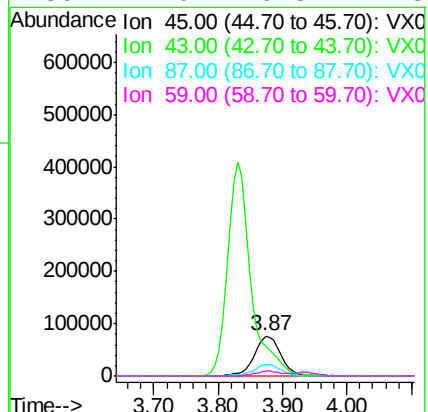
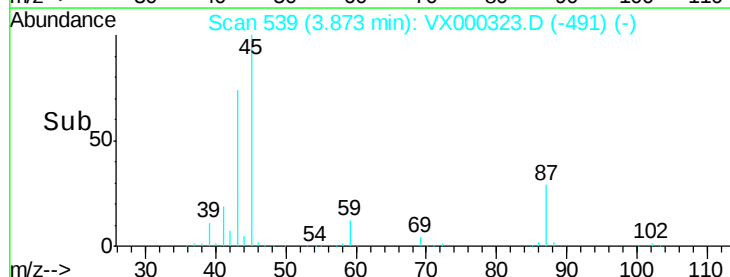


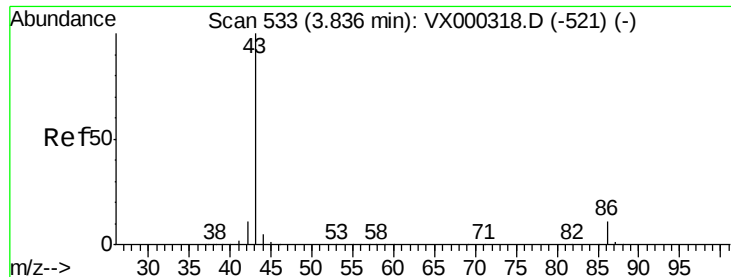
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.27 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

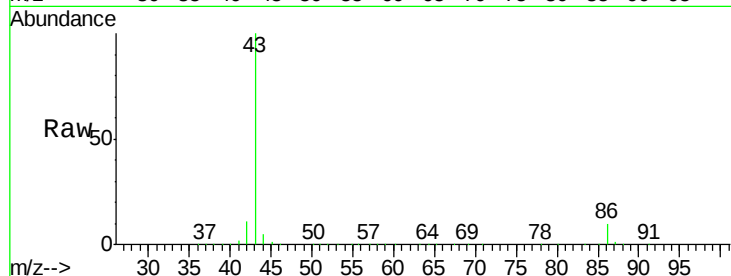
VSTDCC50

Tgt Ion: 43 Resp: 1049155

Ion Ratio Lower Upper

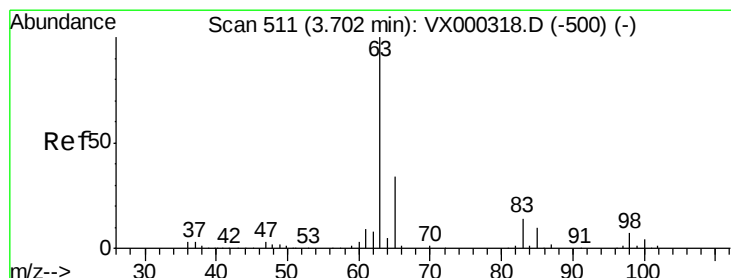
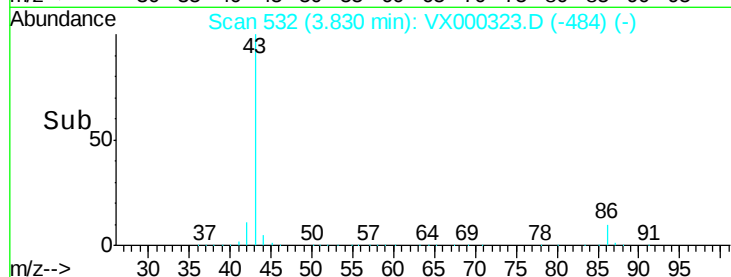
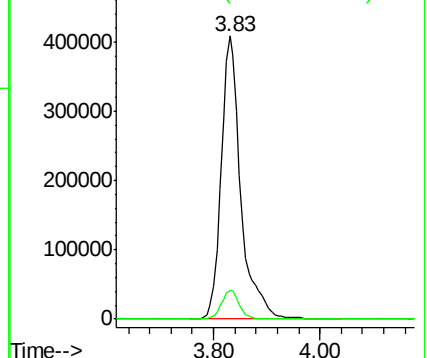
43 100

86 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

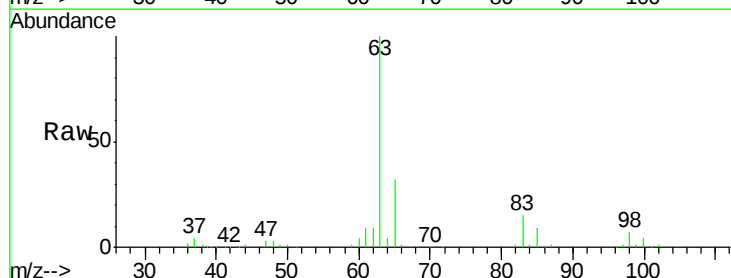
Tgt Ion: 63 Resp: 122018

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

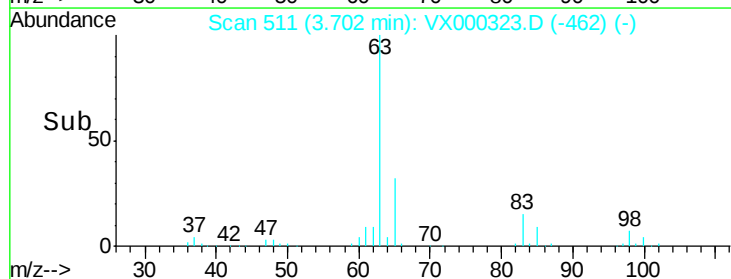
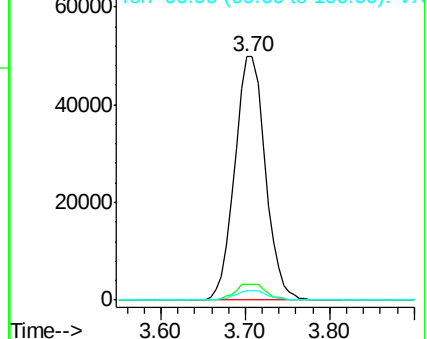
100 3.6 2.0 5.8

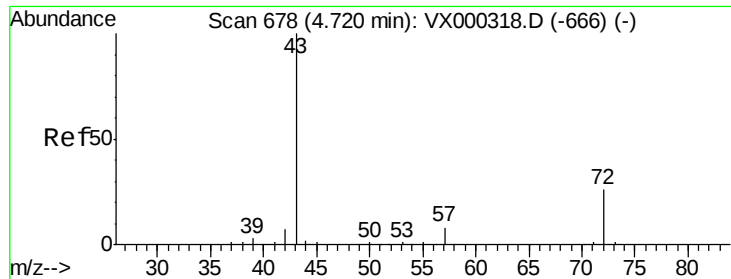


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.59 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

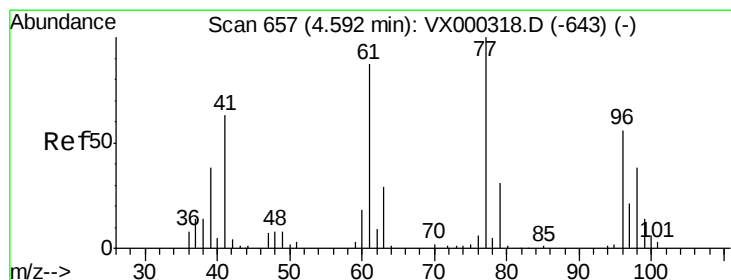
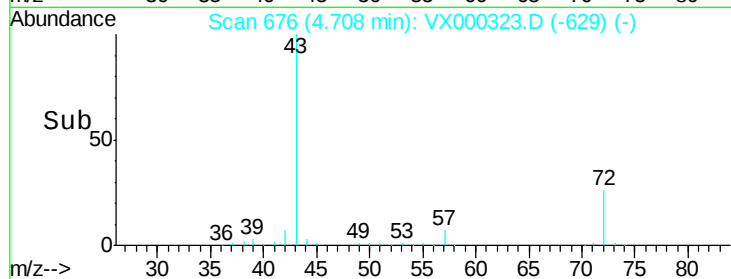
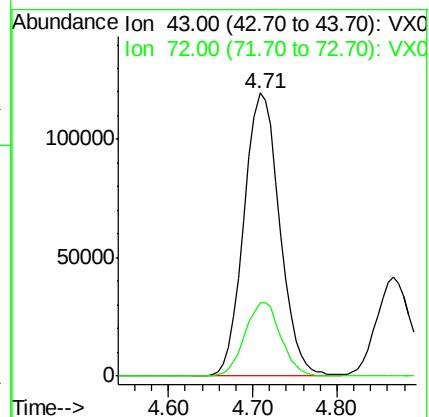
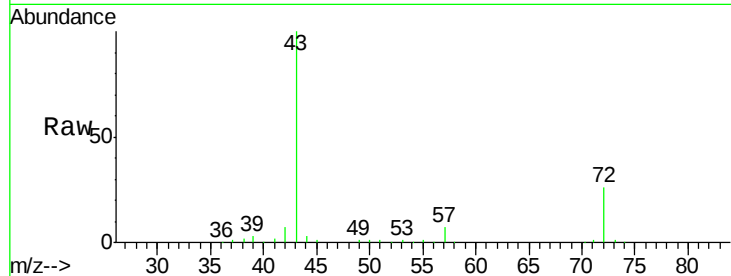
VSTDCC50

Tgt Ion: 43 Resp: 344882

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 44.93 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000323.D

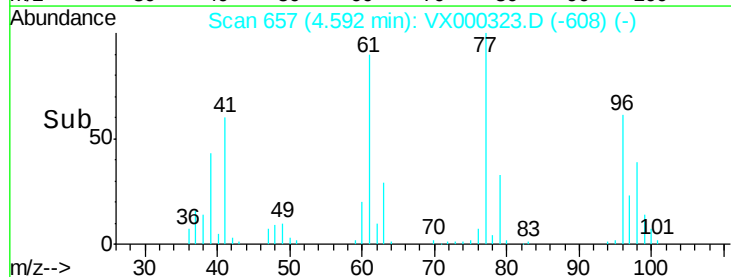
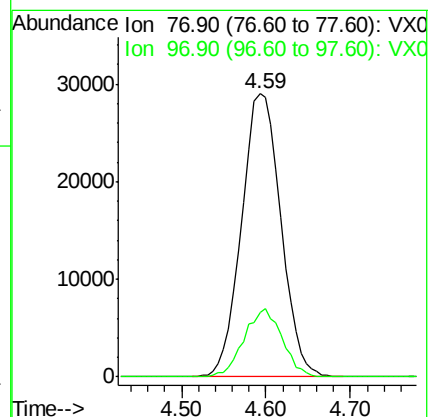
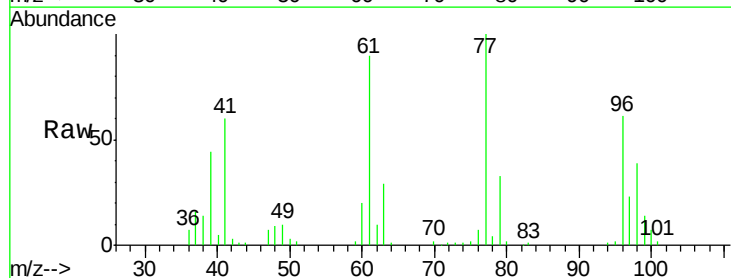
Acq: 15 Mar 2018 12:13

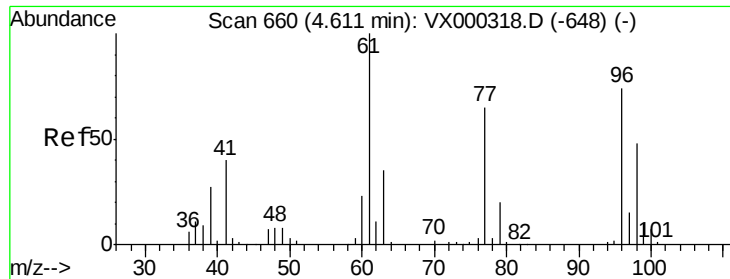
Tgt Ion: 77 Resp: 91943

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



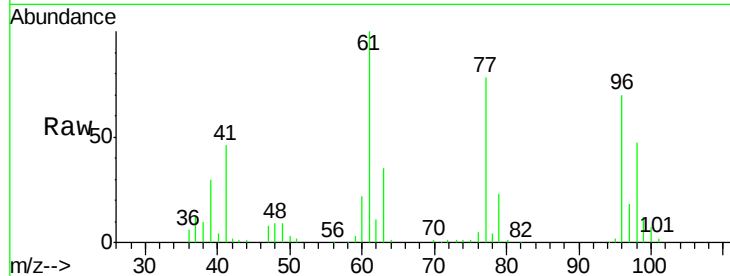


#27

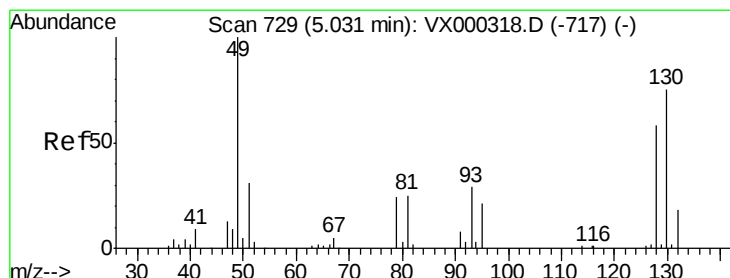
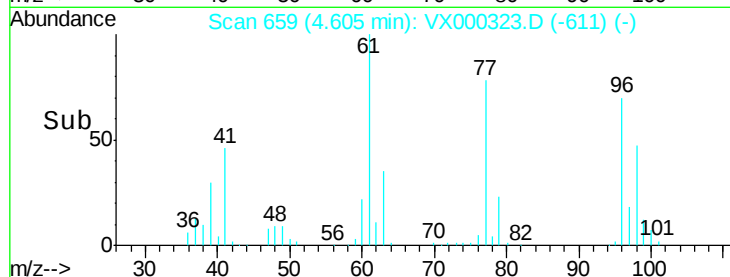
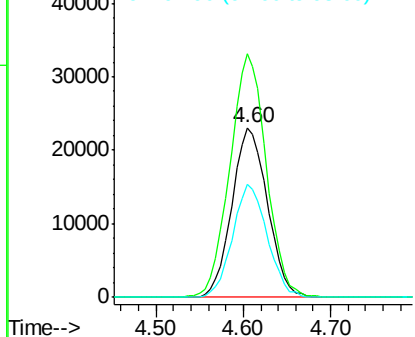
cis-1,2-Dichloroethene
Concen: 42.47 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion: 96 Resp: 65127
Ion Ratio Lower Upper
96 100
61 146.7 0.0 291.6
98 65.1 0.0 132.0



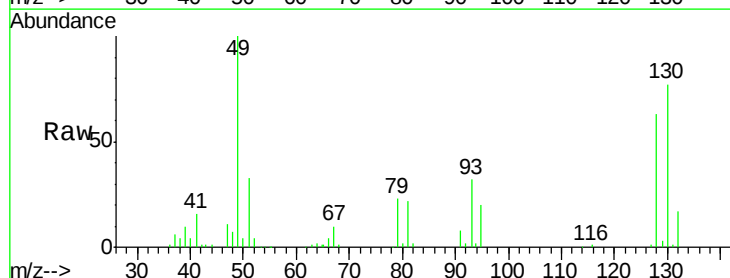
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



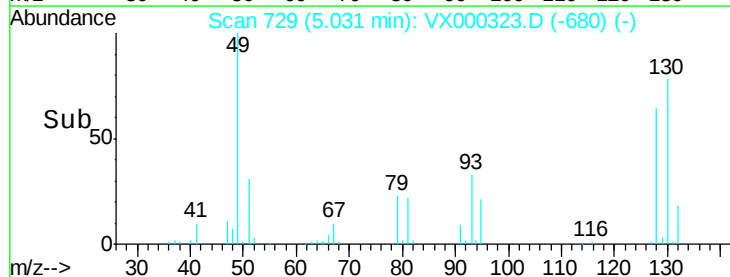
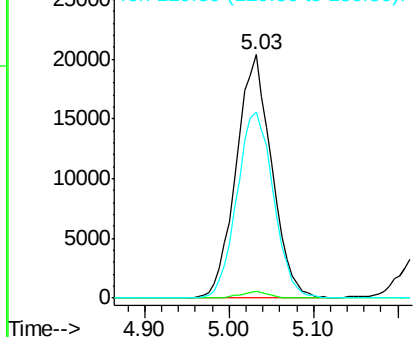
#28

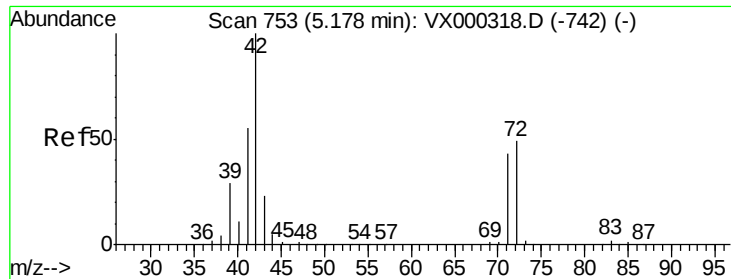
Bromochloromethane
Concen: 48.80 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 49 Resp: 58140
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 78.8 64.0 96.0



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

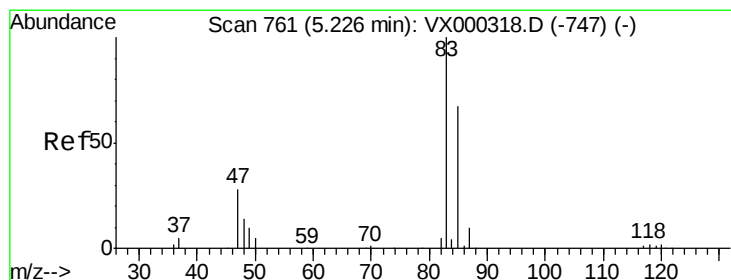
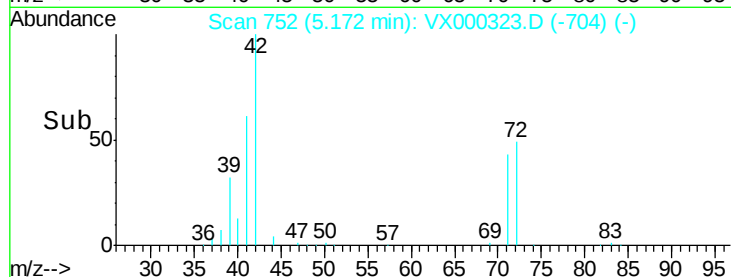
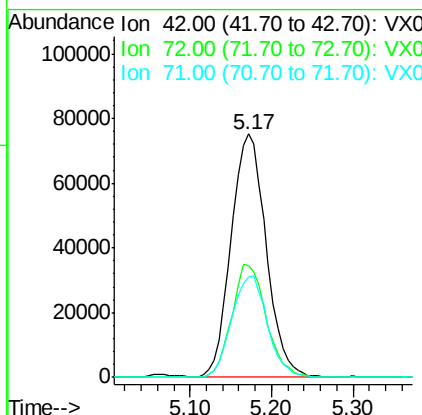
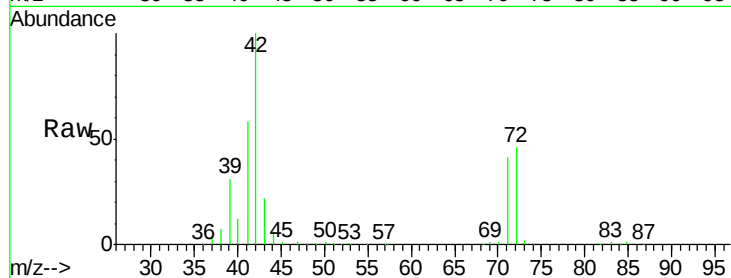




#29
Tetrahydrofuran
Concen: 225.96 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

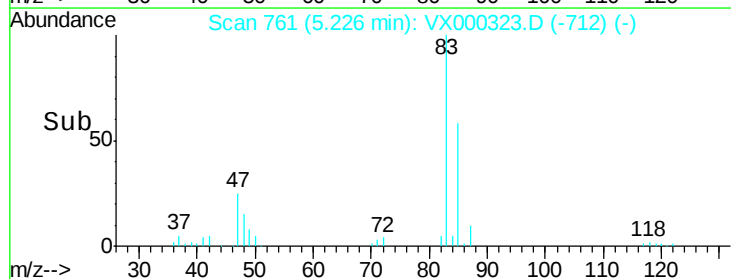
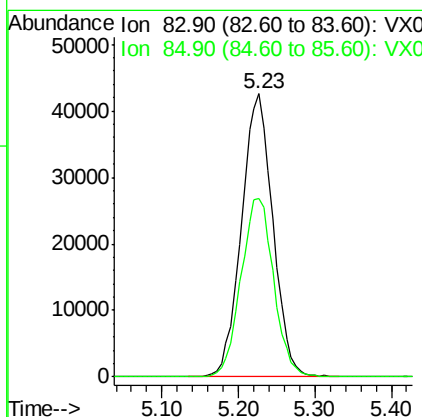
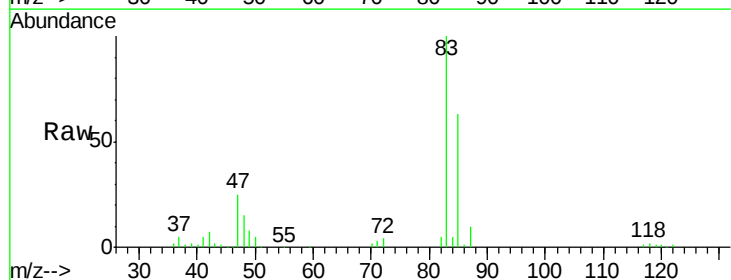
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

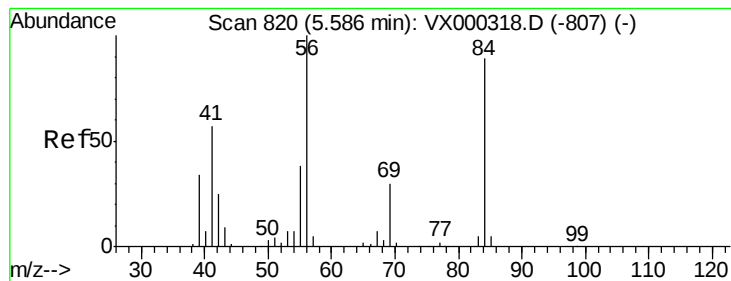
Tgt Ion: 42 Resp: 223331
Ion Ratio Lower Upper
42 100
72 45.8 37.9 56.9
71 42.4 34.4 51.6



#30
Chloroform
Concen: 45.35 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 83 Resp: 121374
Ion Ratio Lower Upper
83 100
85 63.1 53.3 79.9





#31

Cyclohexane

Concen: 43.73 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

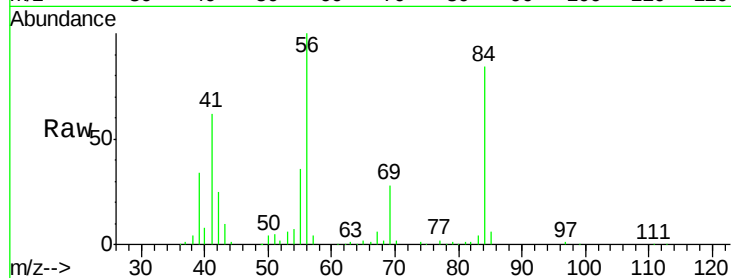
Tgt Ion: 56 Resp: 95126

Ion Ratio Lower Upper

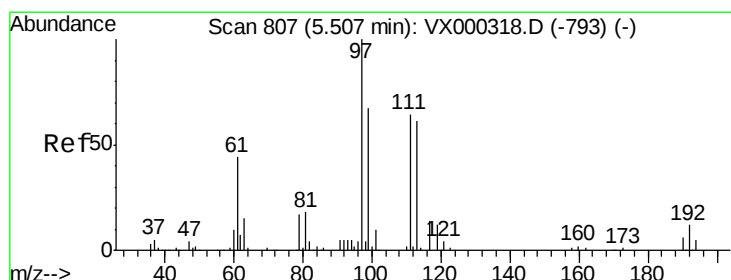
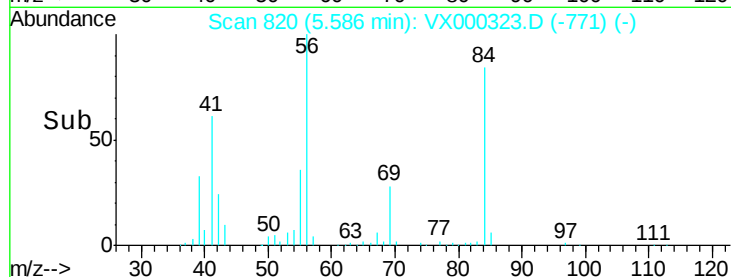
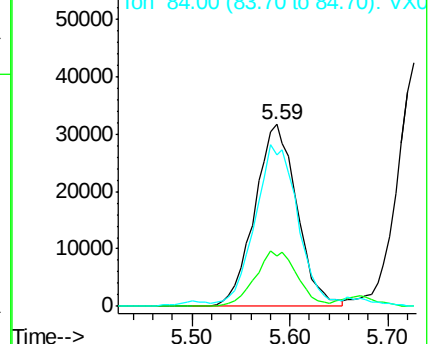
56 100

69 27.8 23.4 35.0

84 80.8 71.0 106.4



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: 45.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

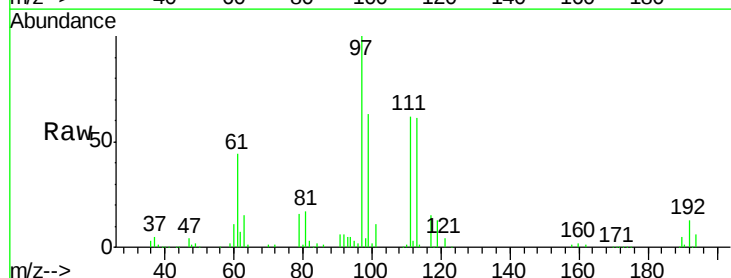
Tgt Ion: 97 Resp: 107020

Ion Ratio Lower Upper

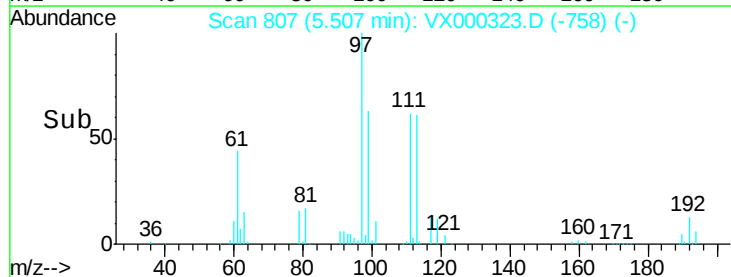
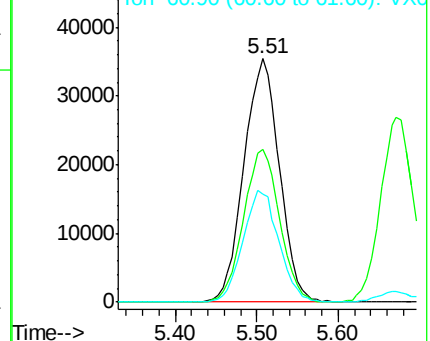
97 100

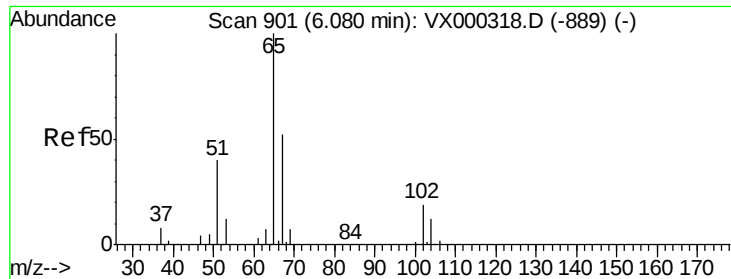
99 63.8 52.1 78.1

61 46.3 36.2 54.4



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: 41.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

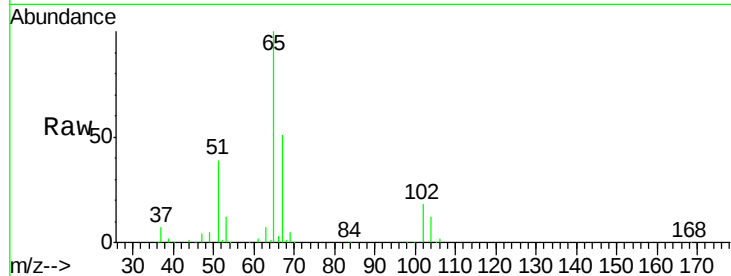
VSTDCC50

Tgt Ion: 65 Resp: 80670

Ion Ratio Lower Upper

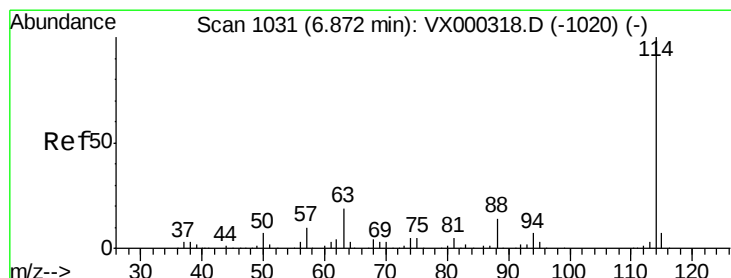
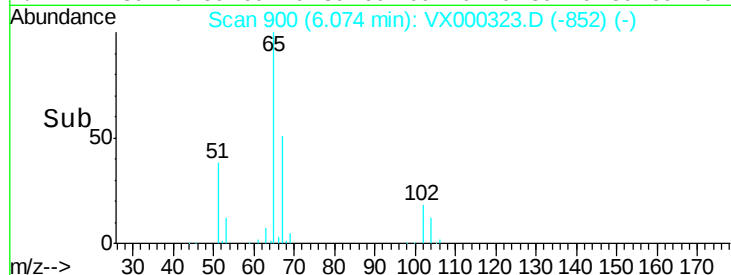
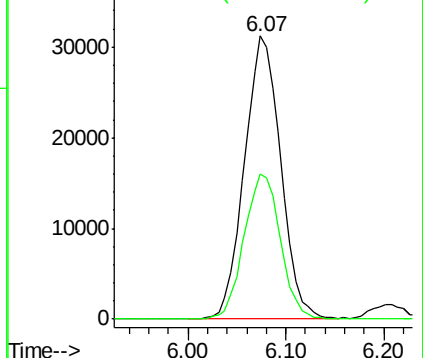
65 100

67 51.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

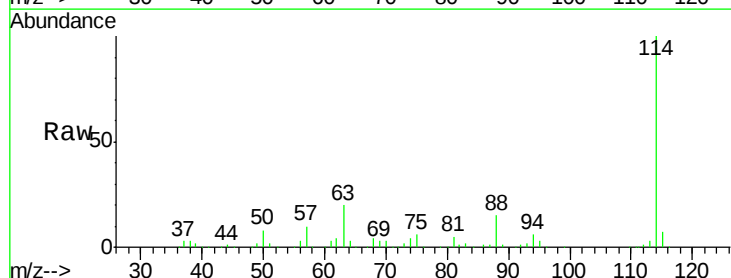
Tgt Ion: 114 Resp: 220908

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

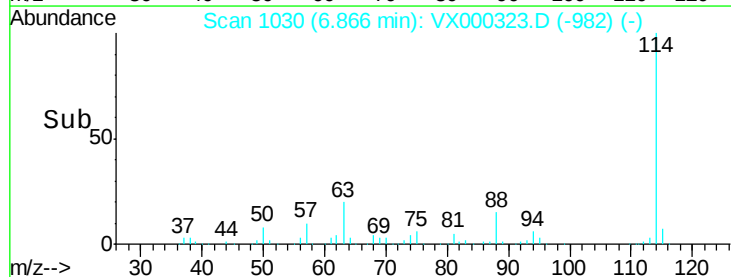
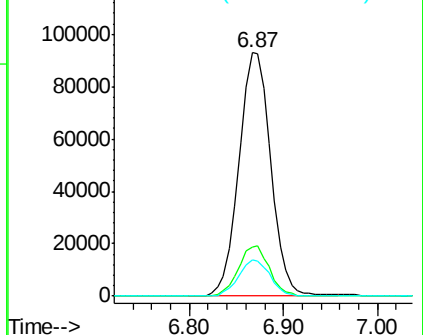
88 14.7 0.0 27.0

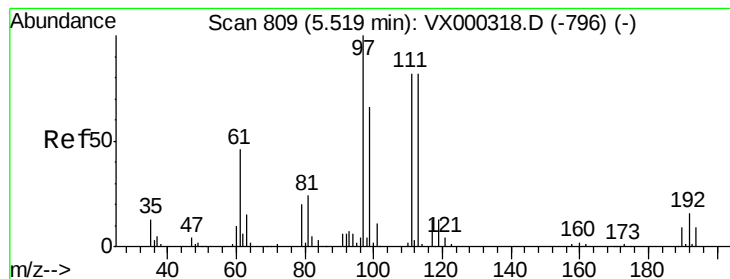


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.60 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

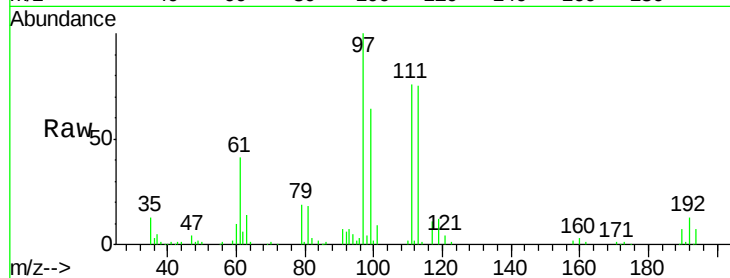
Tgt Ion:113 Resp: 63552

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

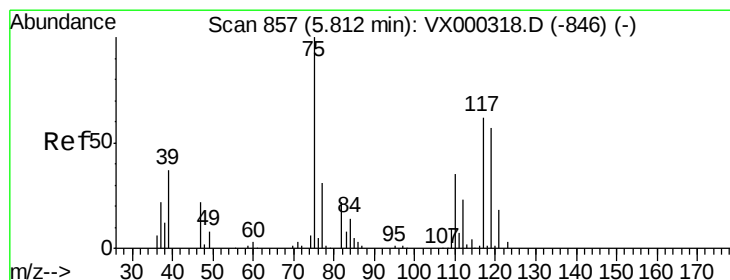
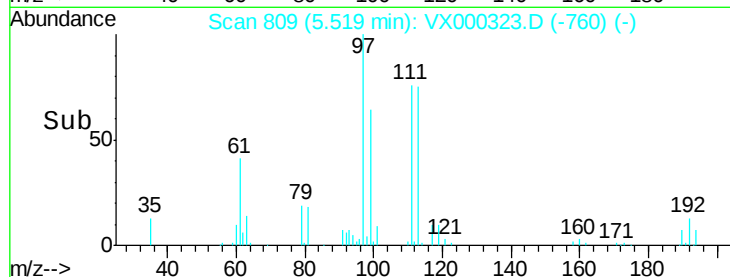
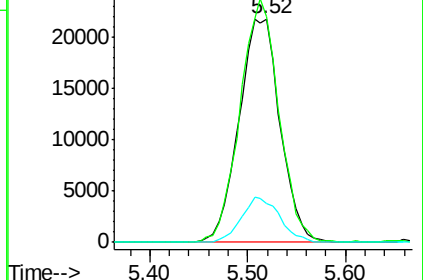
192 19.0 15.8 23.6



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: 44.96 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

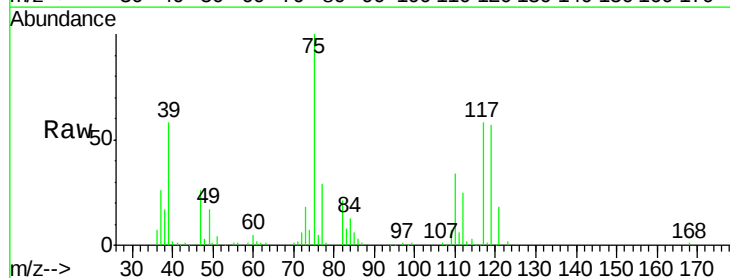
Tgt Ion: 75 Resp: 90253

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

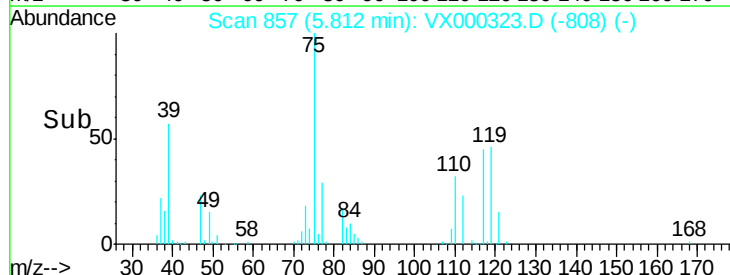
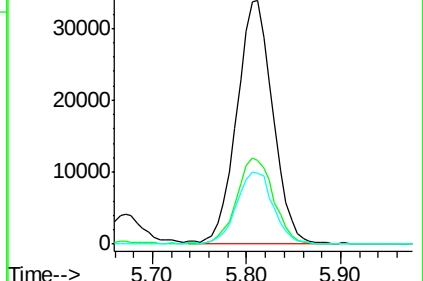
77 30.6 24.0 36.0

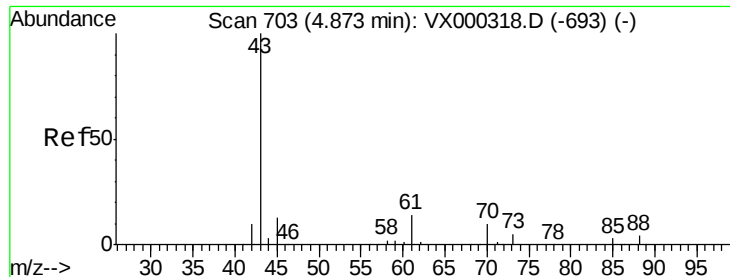


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

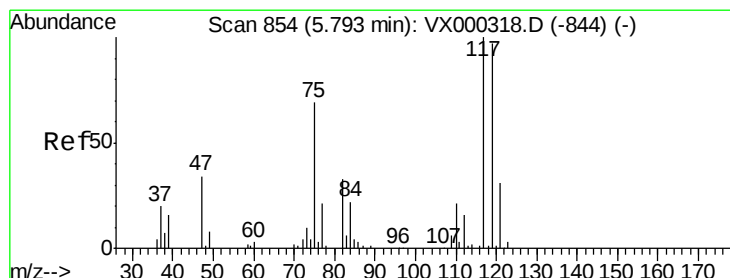
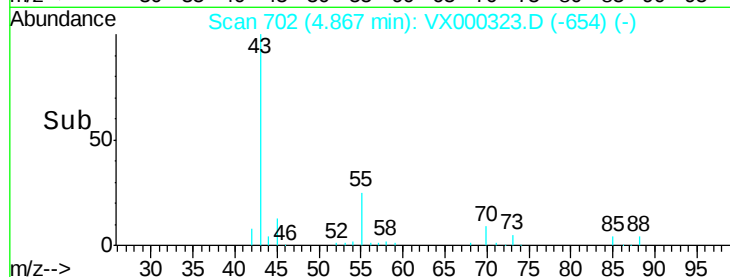
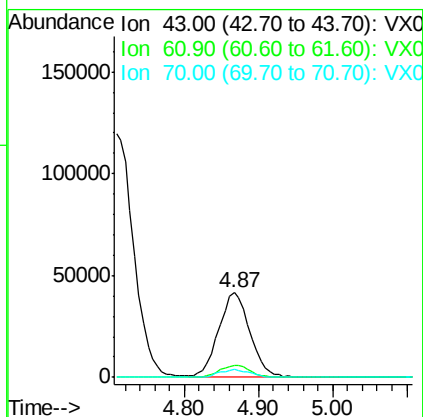
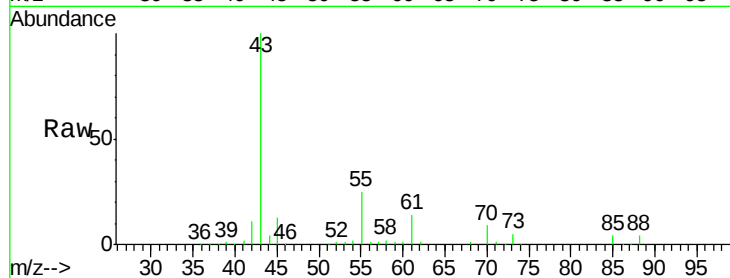




#37
Ethyl Acetate
Concen: 45.60 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

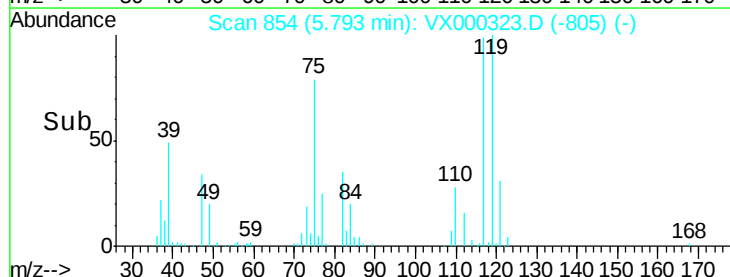
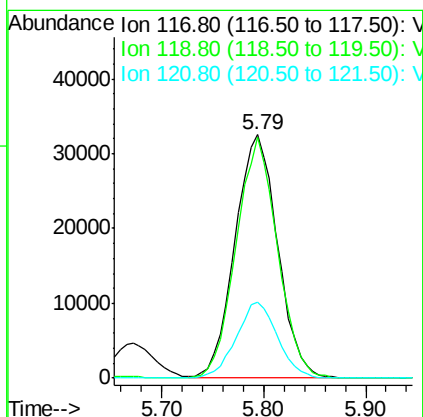
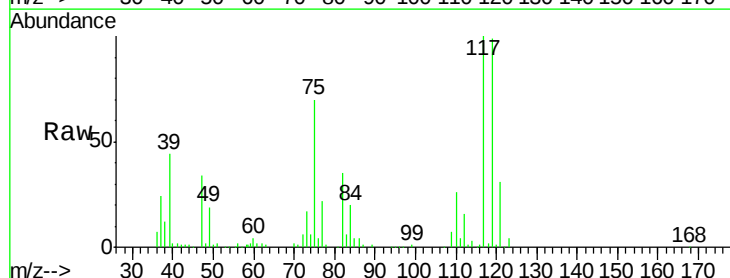
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

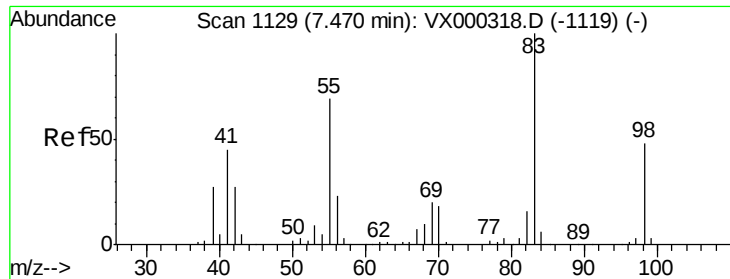
Tgt Ion: 43 Resp: 121650
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 46.66 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 117 Resp: 94417
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.2
121 31.3 24.8 37.2

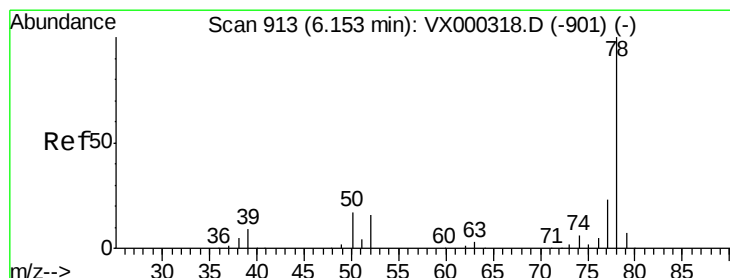
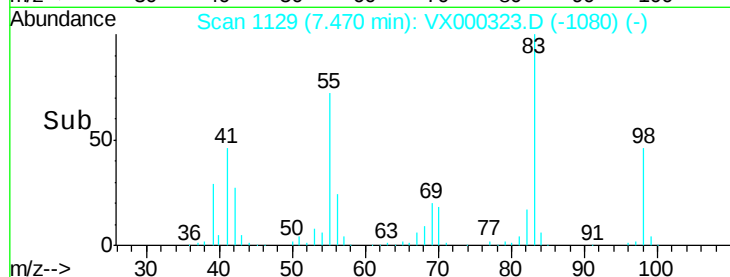
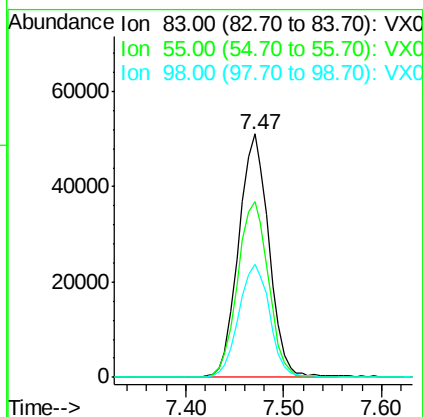
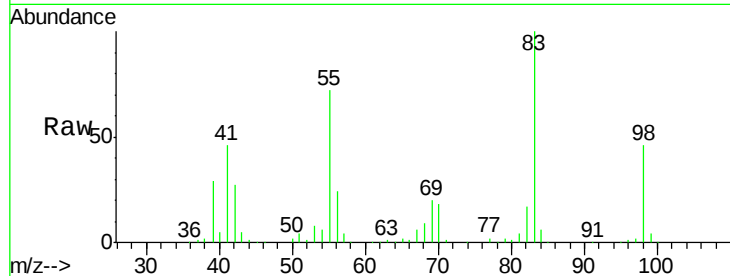




#39
Methylcyclohexane
Concen: 46.91 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

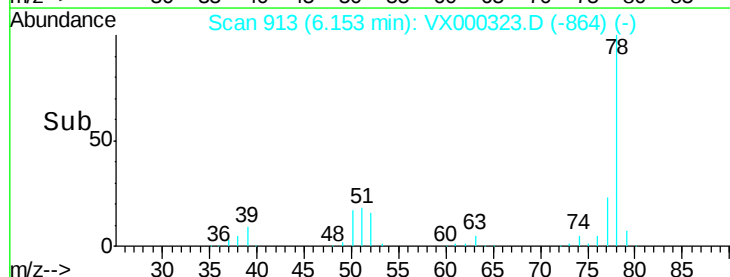
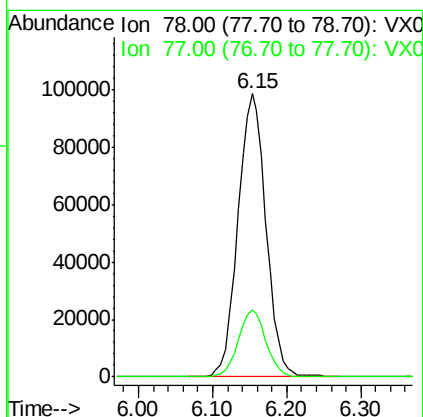
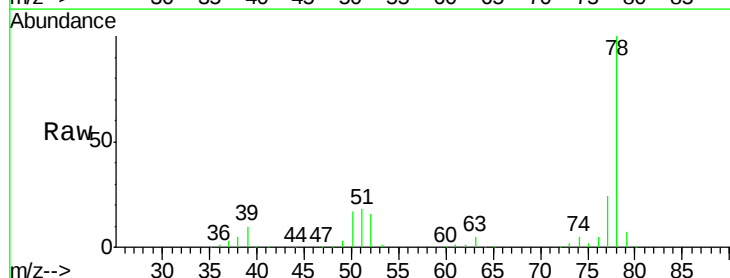
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

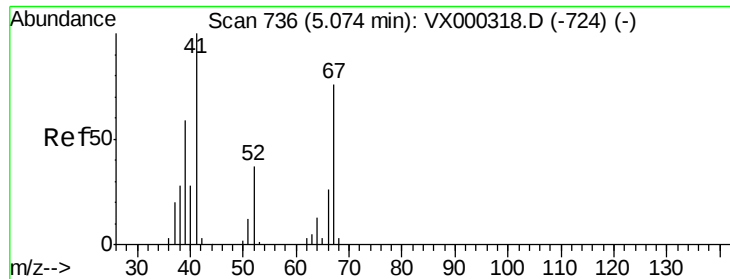
Tgt Ion: 83 Resp: 109823
Ion Ratio Lower Upper
83 100
55 72.1 55.5 83.3
98 46.4 38.2 57.4



#40
Benzene
Concen: 45.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 78 Resp: 259390
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

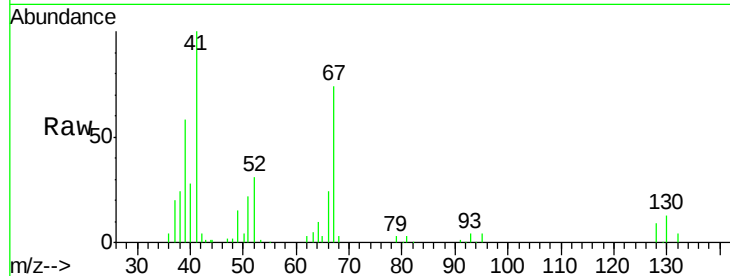




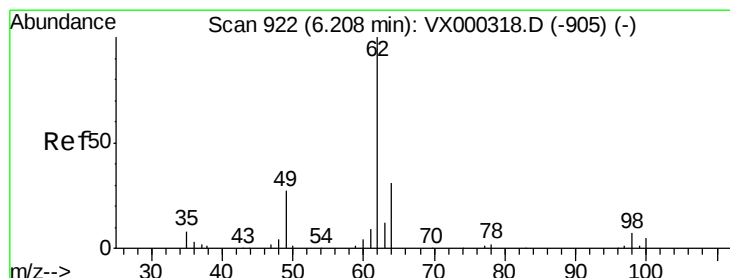
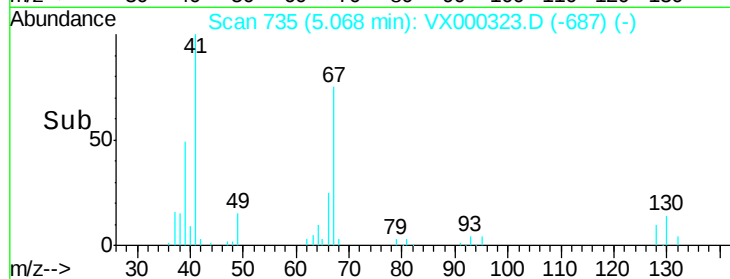
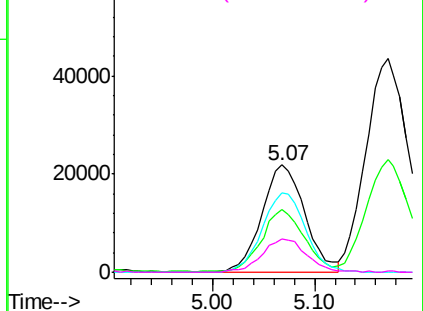
#41
Methacrylonitrile
Concen: 45.77 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tgt Ion:	41	Resp:	64114
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.7	68.5
67	74.3	57.8	86.8
52	32.4	26.7	40.1

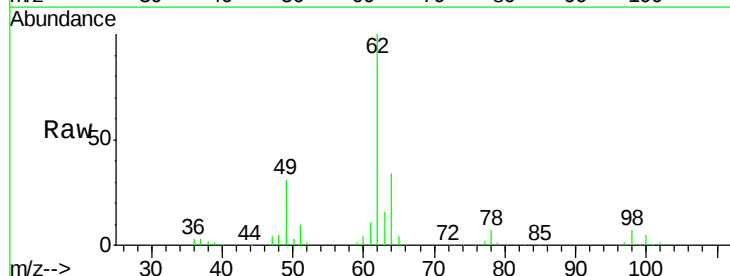


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

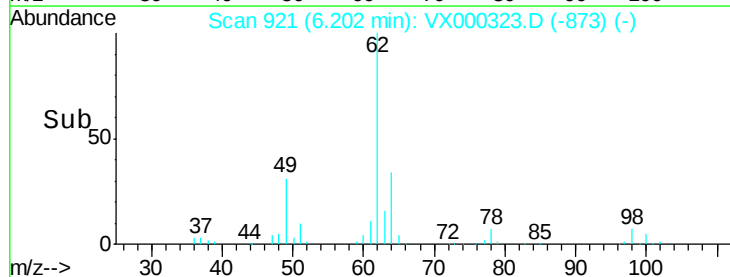
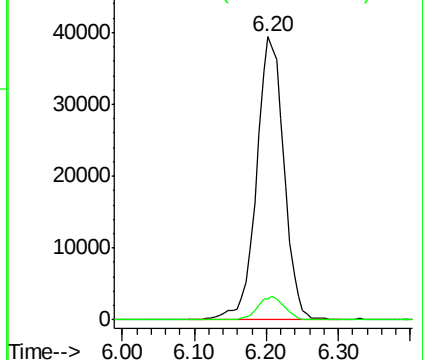


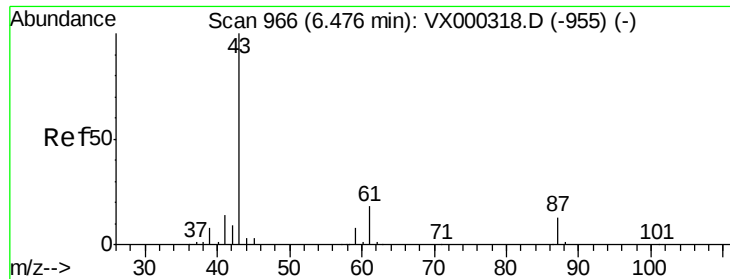
#42
1,2-Dichloroethane
Concen: 46.16 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:	62	Resp:	104185
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8



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

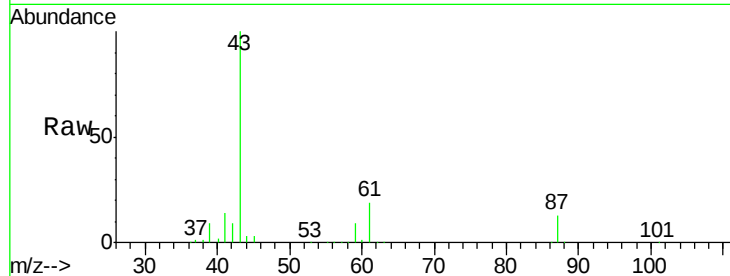




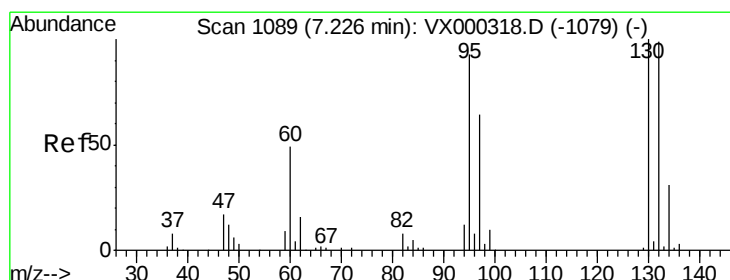
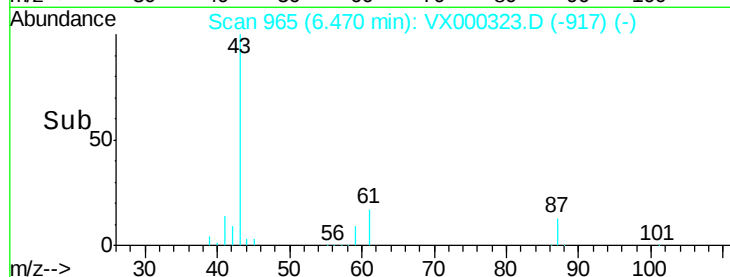
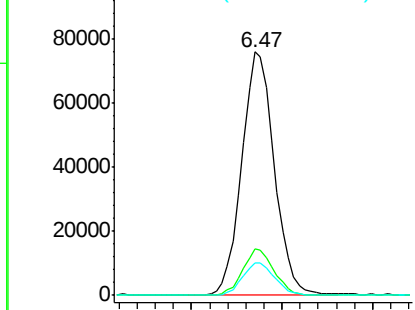
#43
Isopropyl Acetate
Concen: 49.12 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion: 43 Resp: 189123
Ion Ratio Lower Upper
43 100
61 18.5 14.4 21.6
87 13.3 11.0 16.4

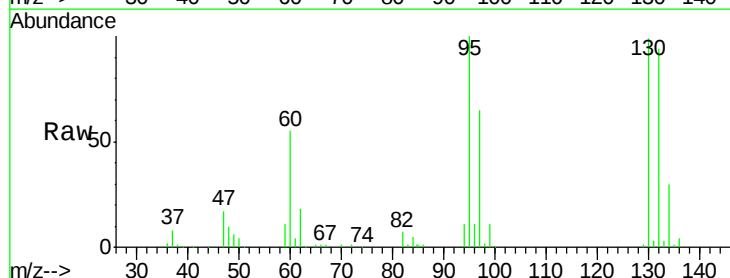


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

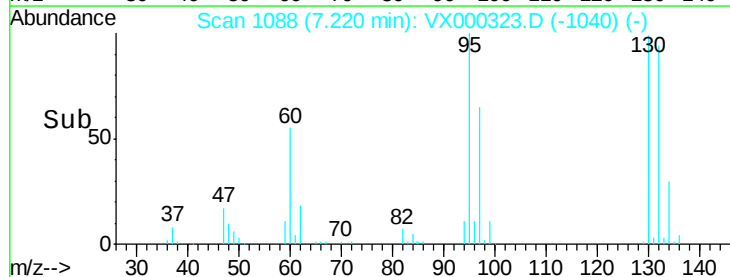
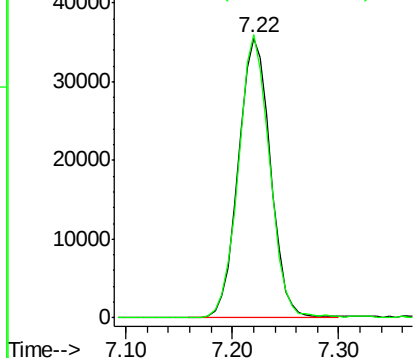


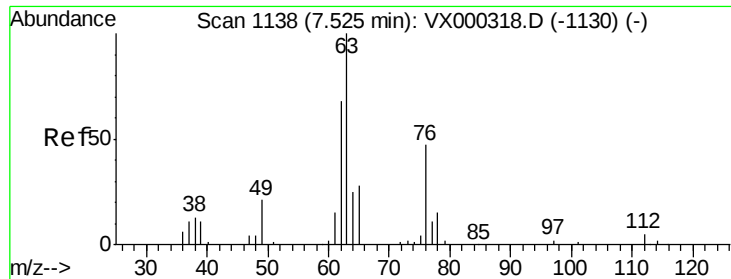
#44
Trichloroethene
Concen: 45.67 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 130 Resp: 75365
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

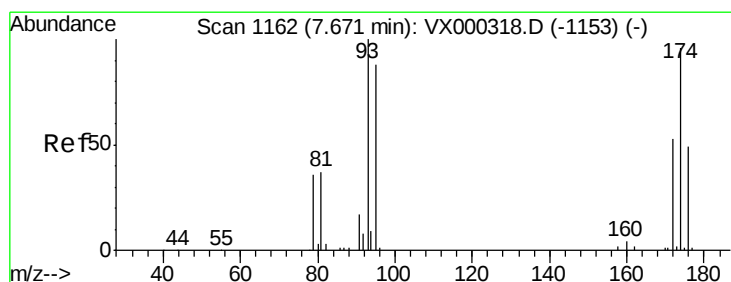
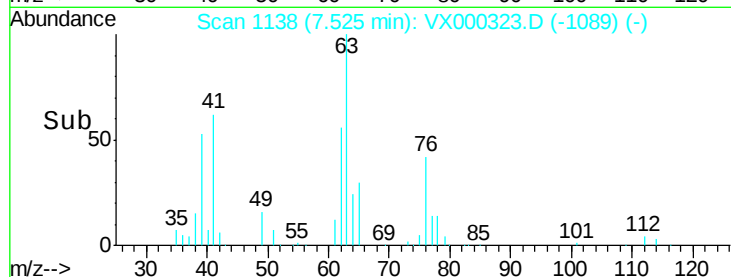
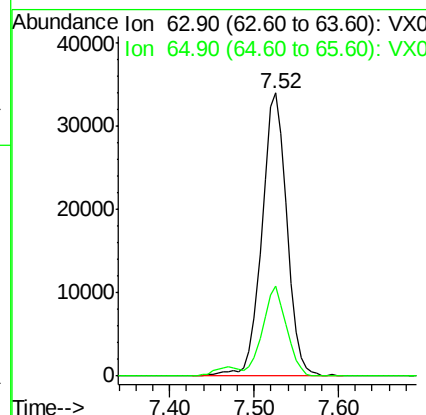
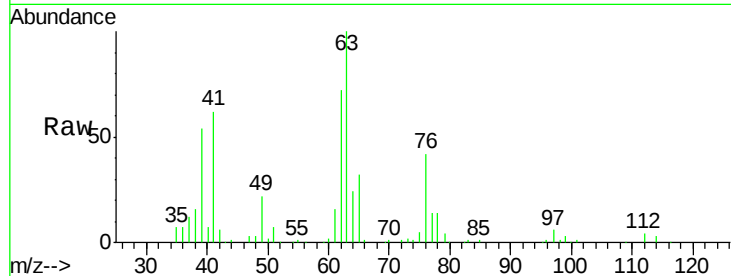




#45
 1,2-Dichloropropane
 Concen: 49.27 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

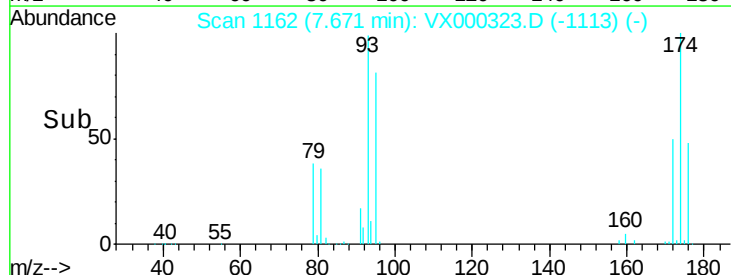
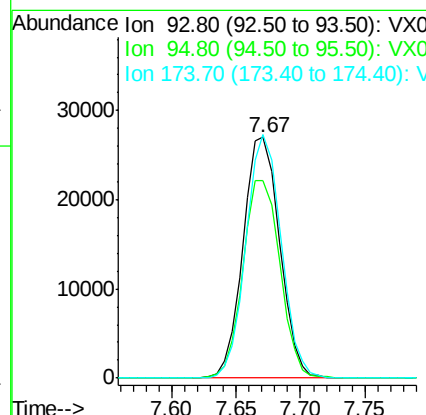
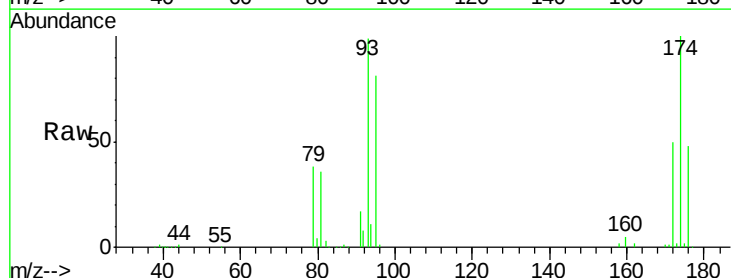
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

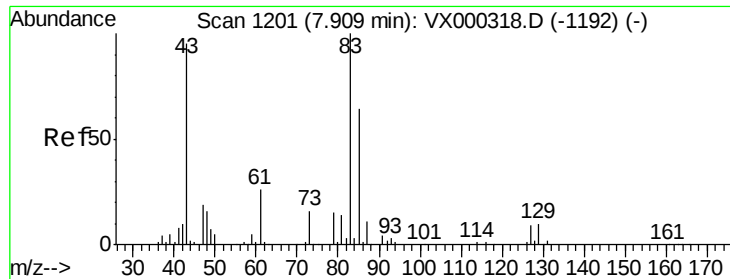
Tgt Ion: 63 Resp: 69200
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8



#46
 Dibromomethane
 Concen: 47.25 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion: 93 Resp: 53308
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 96.8 76.0 114.0





#47

Bromodichloromethane

Concen: 49.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

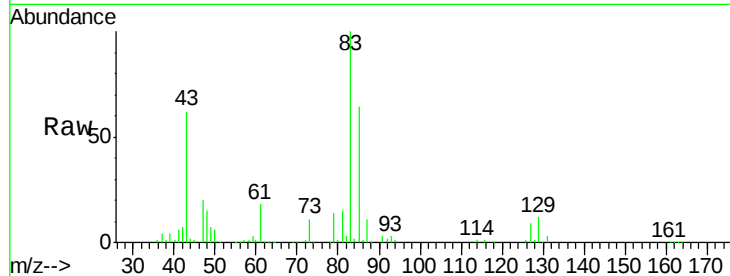
Tgt Ion: 83 Resp: 99487

Ion Ratio Lower Upper

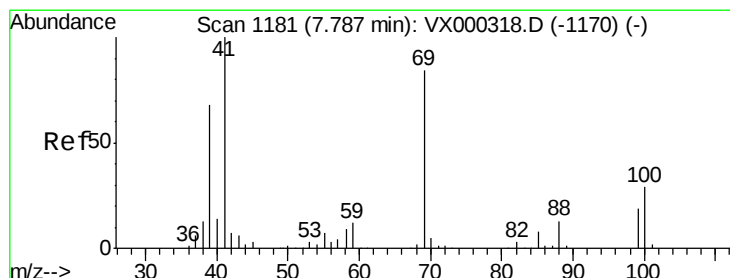
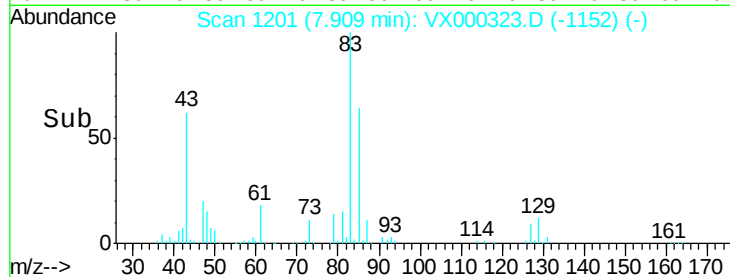
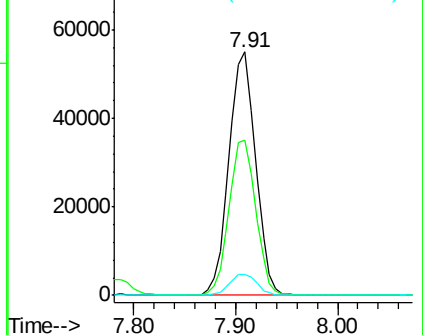
83 100

85 63.6 51.4 77.0

127 8.5 7.0 10.6



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: 47.32 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

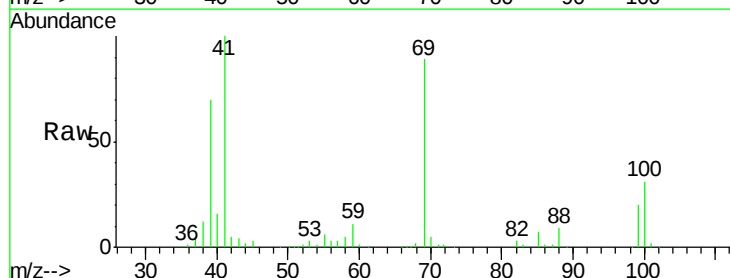
Tgt Ion: 41 Resp: 92125

Ion Ratio Lower Upper

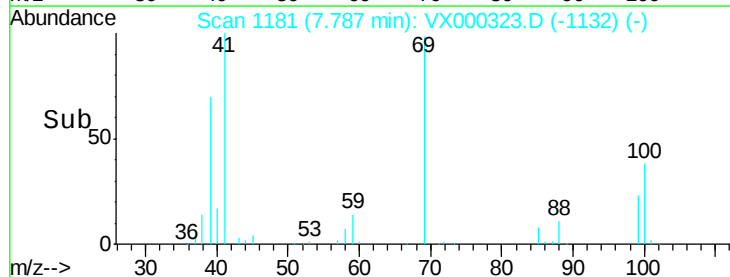
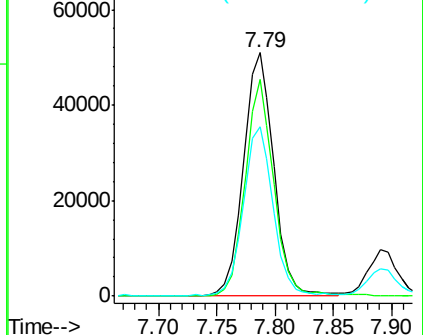
41 100

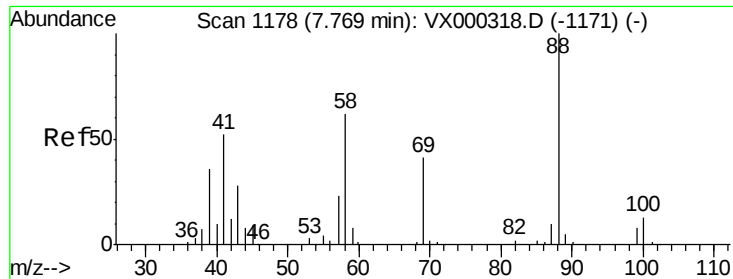
69 84.5 68.2 102.4

39 68.0 54.6 81.8



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

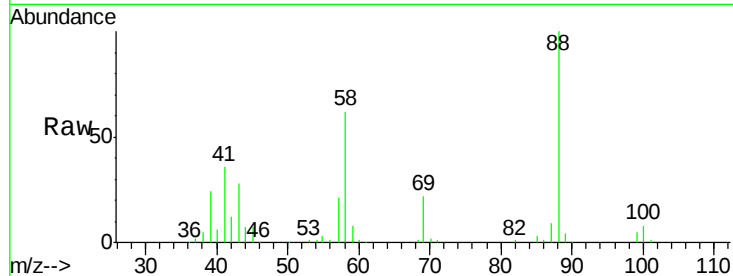




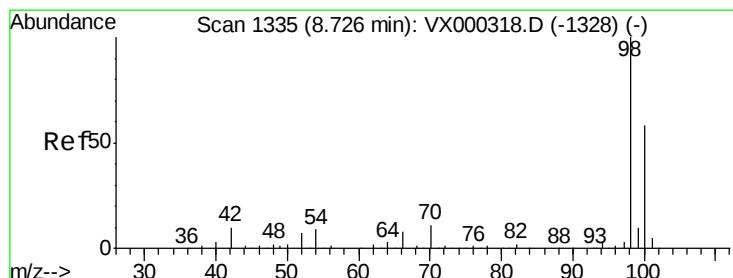
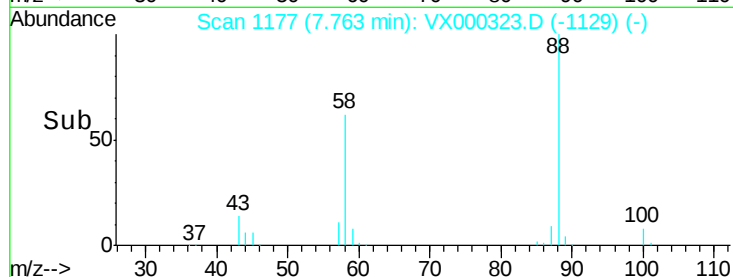
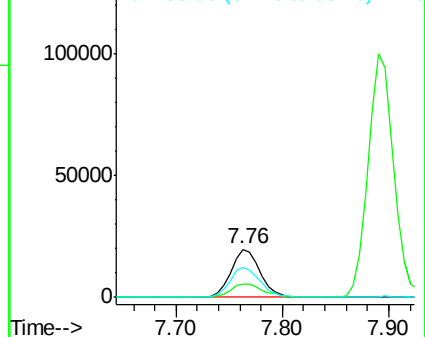
#49
1,4-Dioxane
Concen: 862.81 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion: 88 Resp: 37791
Ion Ratio Lower Upper
88 100
43 32.2 26.8 40.2
58 63.8 52.2 78.2

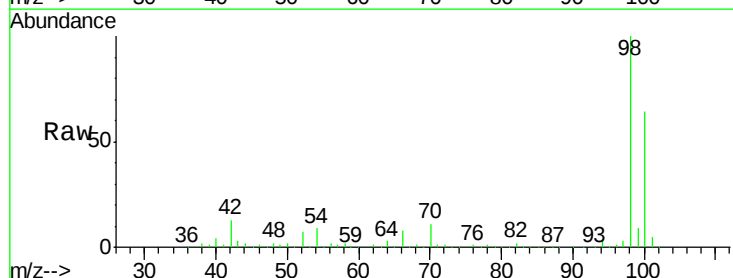


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

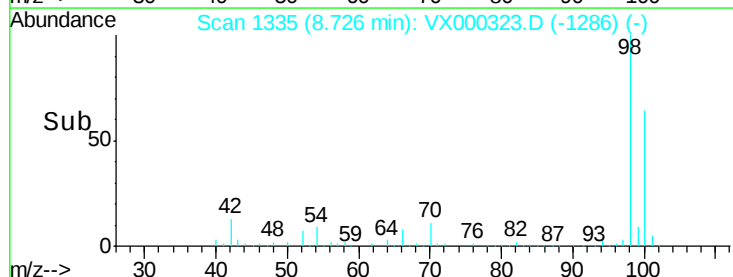
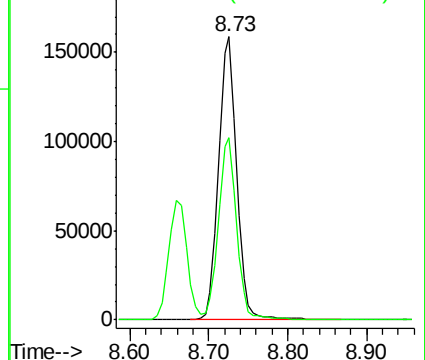


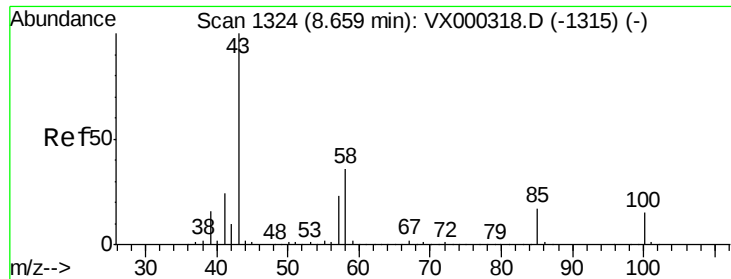
#50
Toluene-d8
Concen: 43.83 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 98 Resp: 254858
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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: 241.52 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

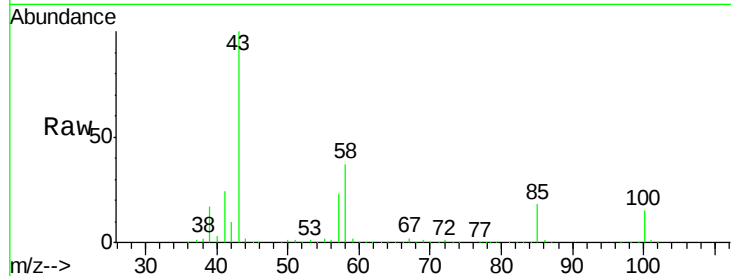
VSTDCC50

Tgt Ion: 43 Resp: 722154

Ion Ratio Lower Upper

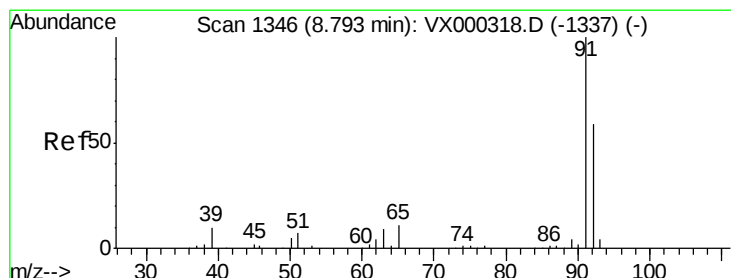
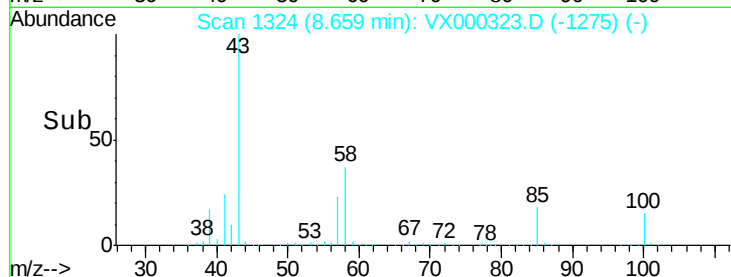
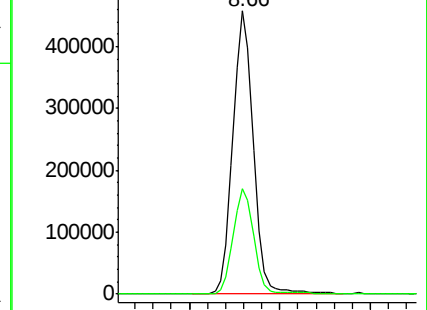
43 100

58 36.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000323.D

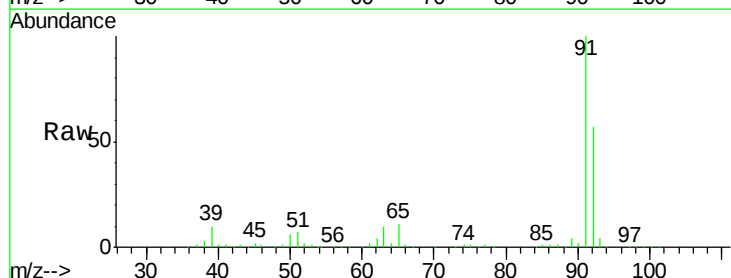
Acq: 15 Mar 2018 12:13

Tgt Ion: 92 Resp: 180667

Ion Ratio Lower Upper

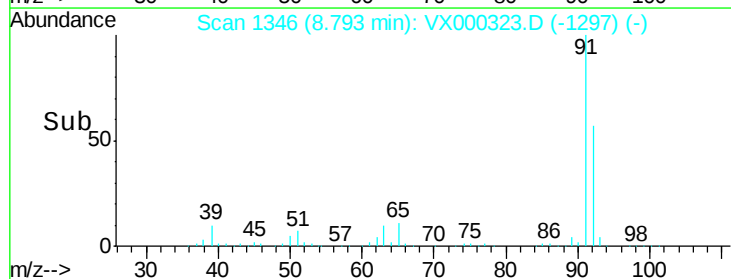
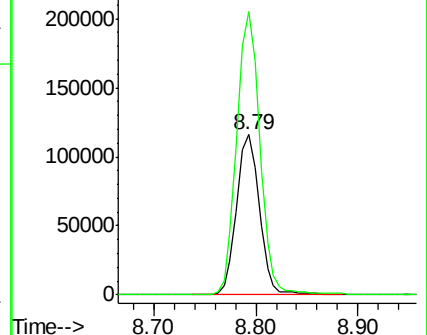
92 100

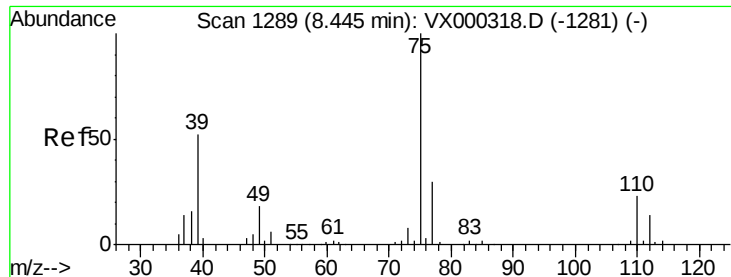
91 179.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

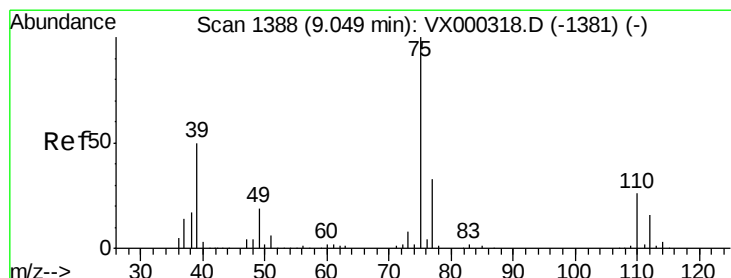
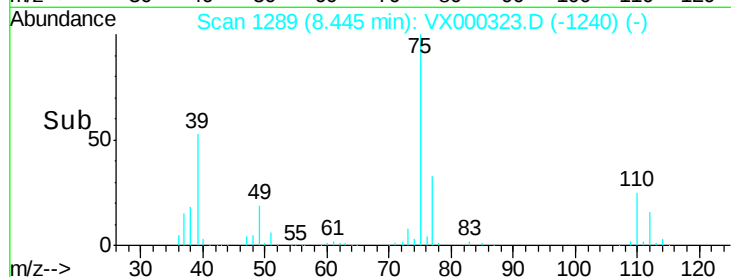
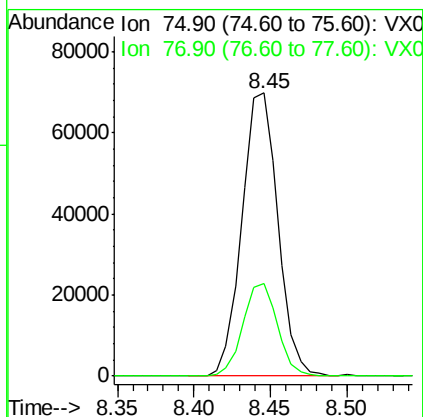
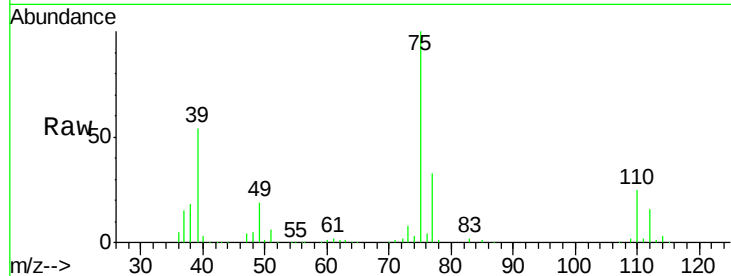




#53
 t-1,3-Dichloropropene
 Concen: 49.45 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

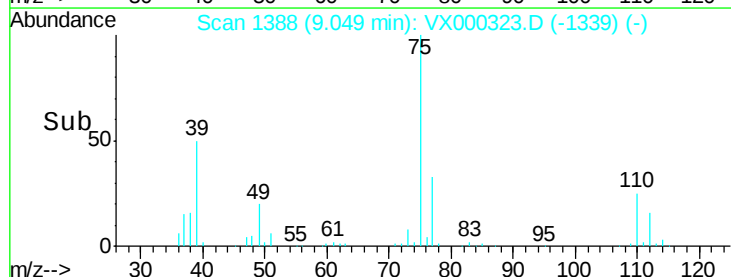
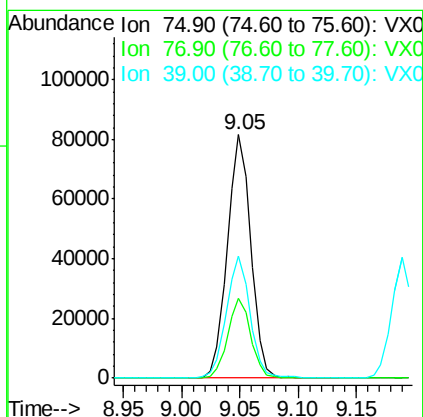
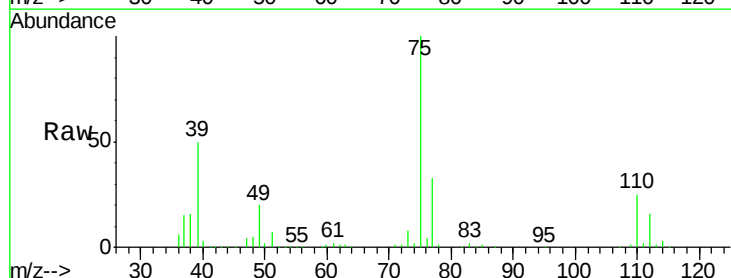
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

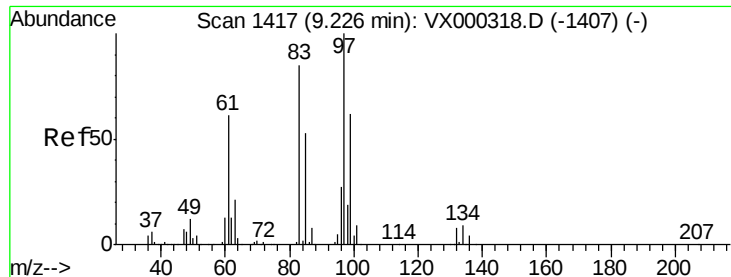
Tgt Ion: 75 Resp: 114286
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.56 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion: 75 Resp: 114285
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 50.1 39.8 59.6

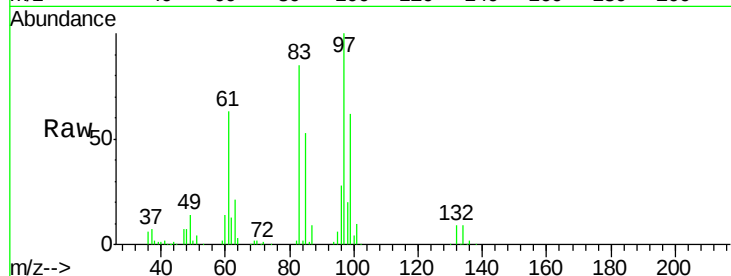




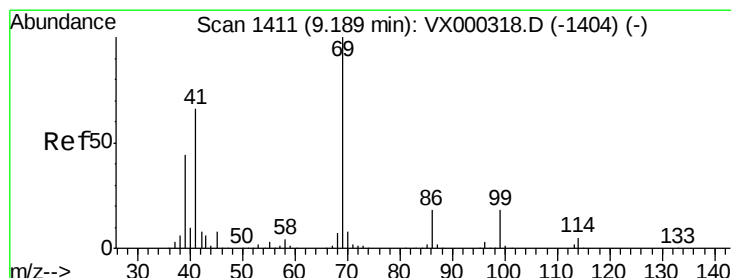
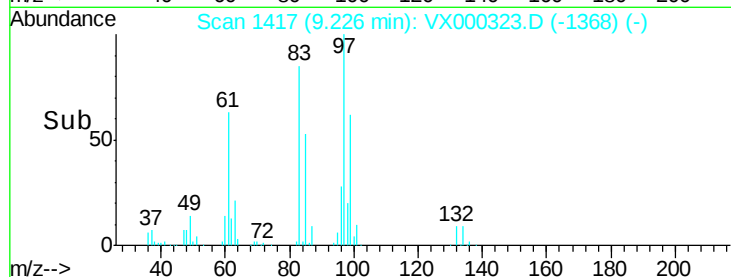
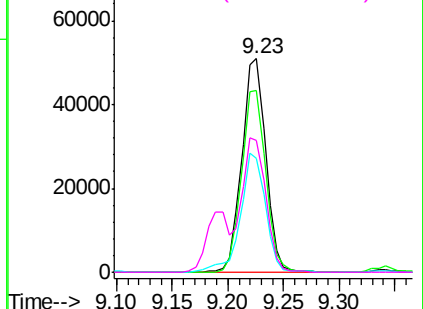
#55
 1,1,2-Trichloroethane
 Concen: 47.51 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tgt Ion:	97	Resp:	76260
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.9	101.9
85	52.9	42.8	64.2
99	61.7	49.4	74.2

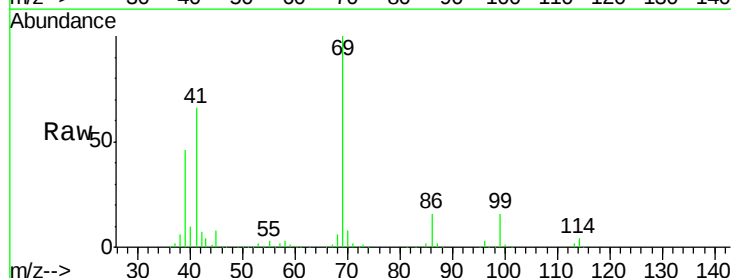


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

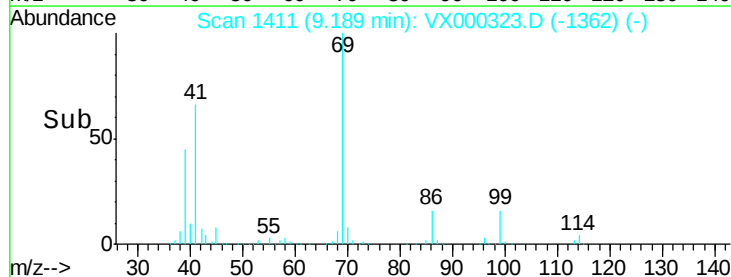
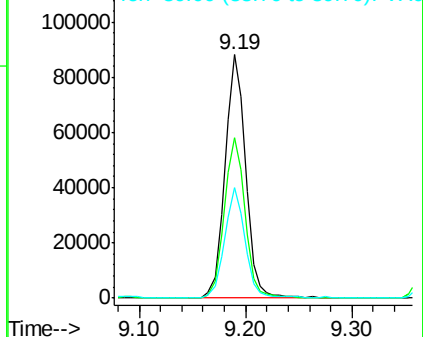


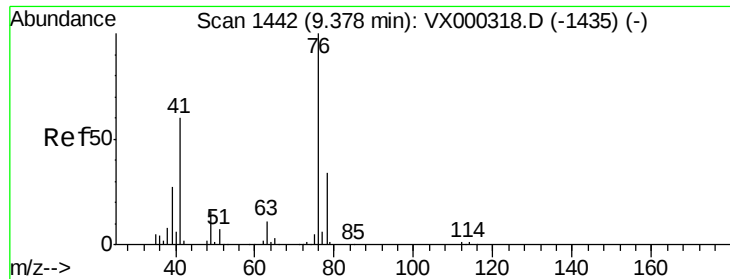
#56
 Ethyl methacrylate
 Concen: 50.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:	69	Resp:	120162
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.0	79.6
39	44.3	35.3	52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

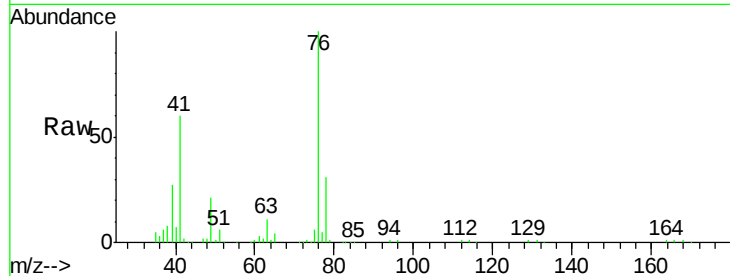
VSTDCC50

Tgt Ion: 76 Resp: 124772

Ion Ratio Lower Upper

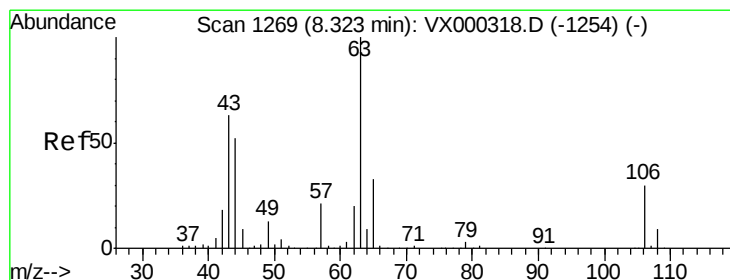
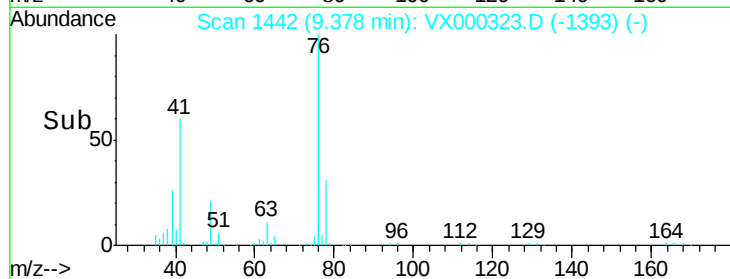
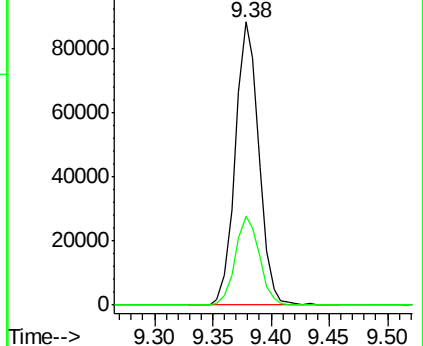
76 100

78 32.2 26.4 39.6



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: 292.27 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000323.D

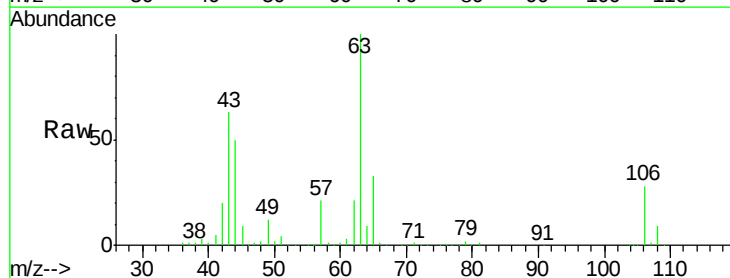
Acq: 15 Mar 2018 12:13

Tgt Ion: 63 Resp: 295951

Ion Ratio Lower Upper

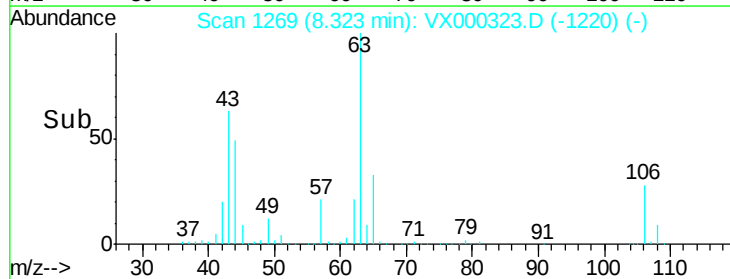
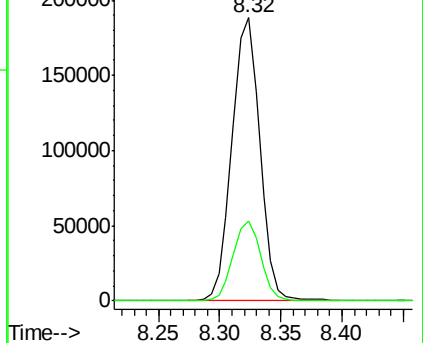
63 100

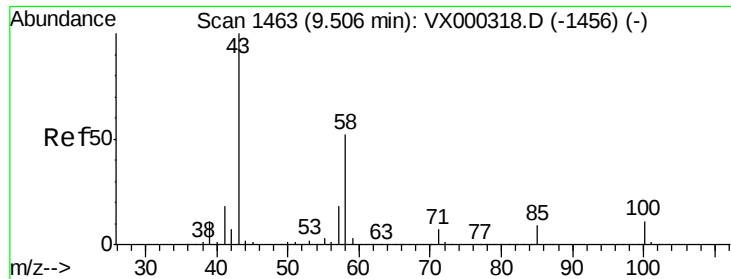
106 28.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

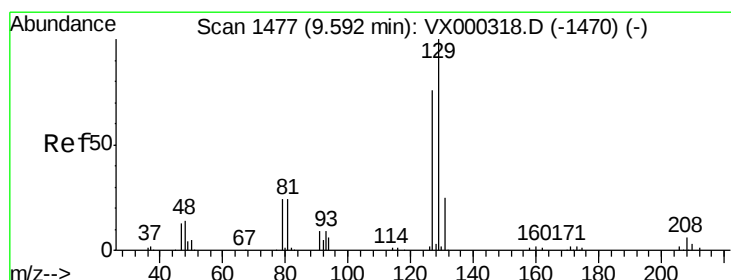
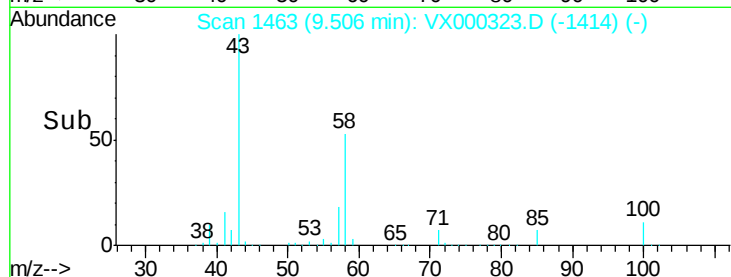
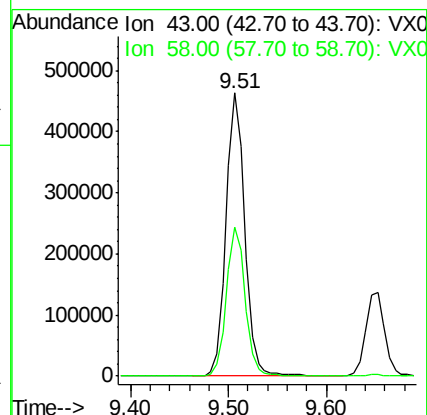
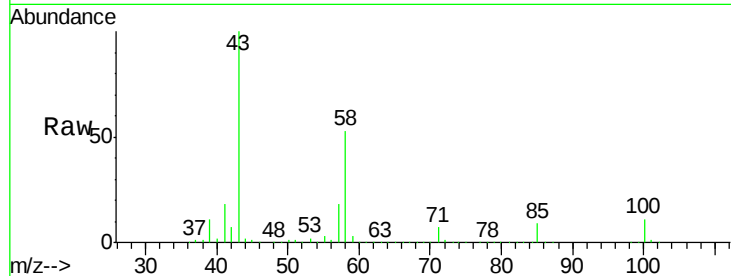




#59
2-Hexanone
Concen: 245.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

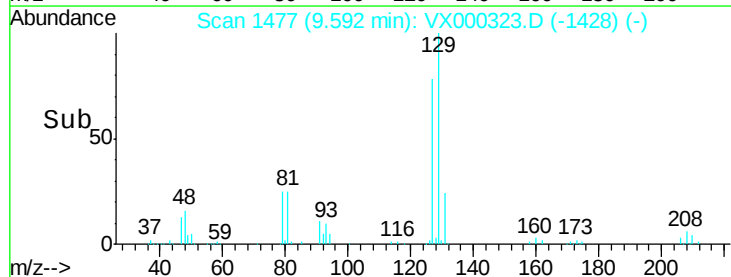
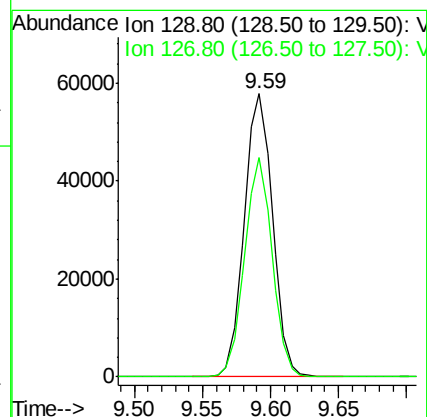
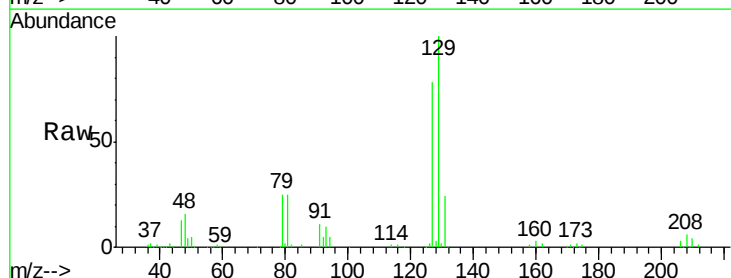
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

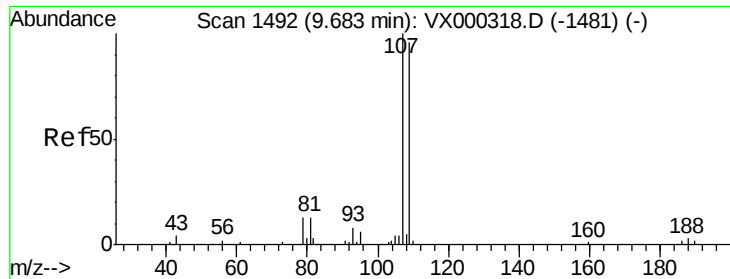
Tgt Ion: 43 Resp: 617915
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7



#60
Dibromochloromethane
Concen: 49.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 129 Resp: 84328
Ion Ratio Lower Upper
129 100
127 75.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 47.20 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

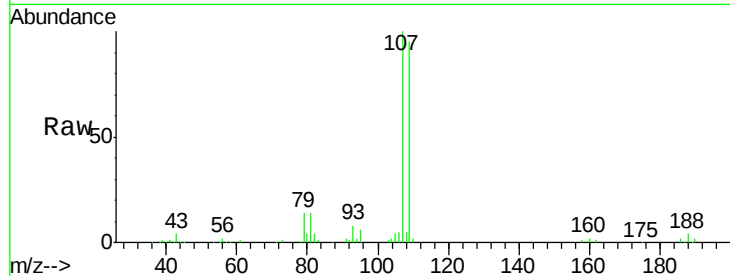
VSTDCC50

Tgt Ion: 107 Resp: 83982

Ion Ratio Lower Upper

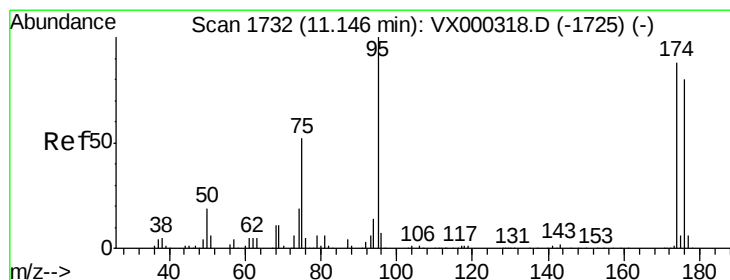
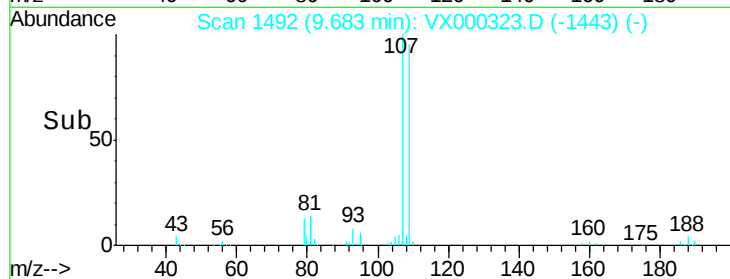
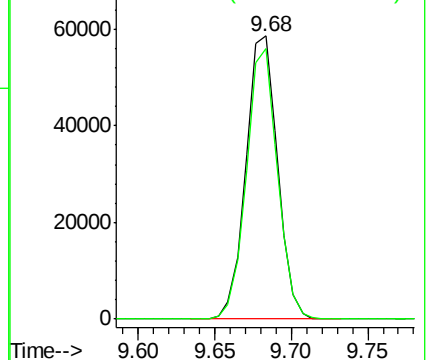
107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

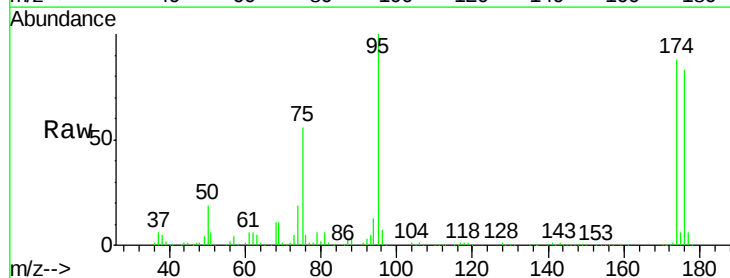
Tgt Ion: 95 Resp: 105027

Ion Ratio Lower Upper

95 100

174 86.3 0.0 173.6

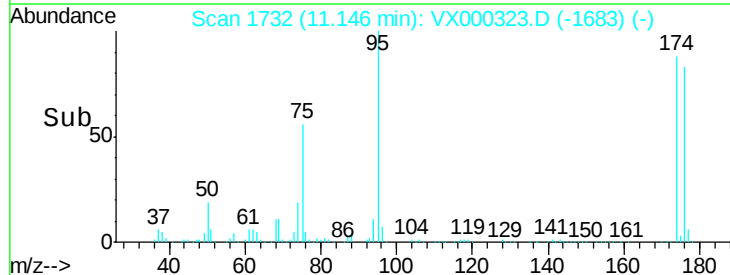
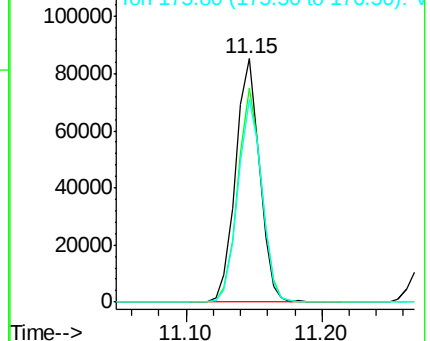
176 83.0 0.0 164.6

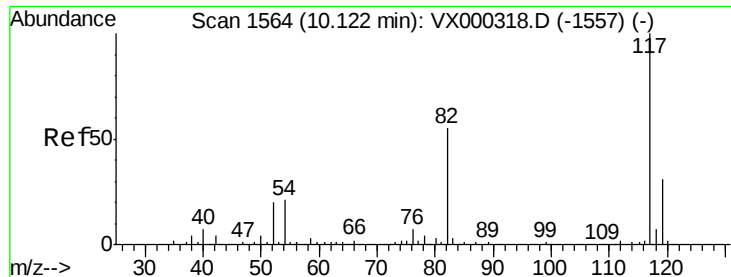


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

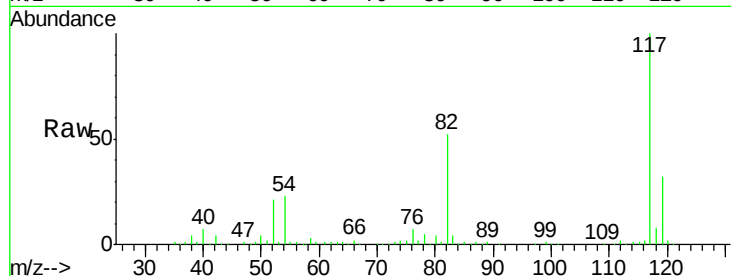




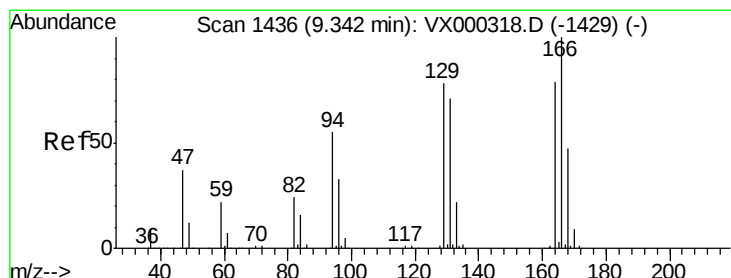
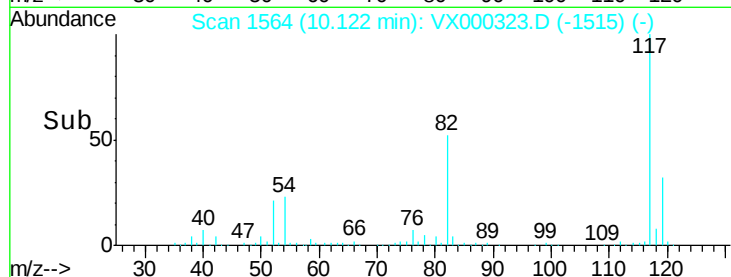
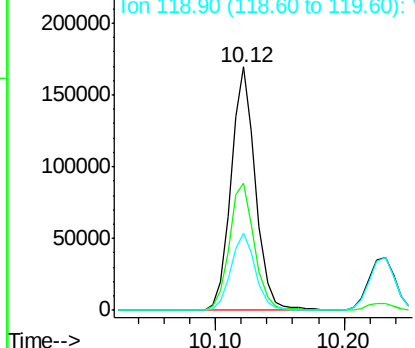
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion:117 Resp: 223661
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.8
119 31.9 24.9 37.3



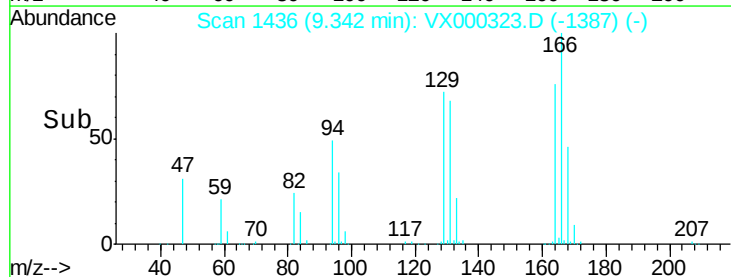
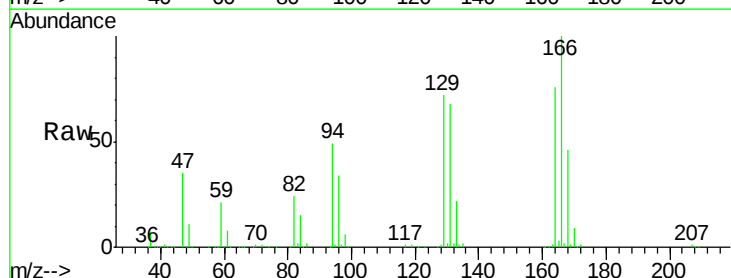
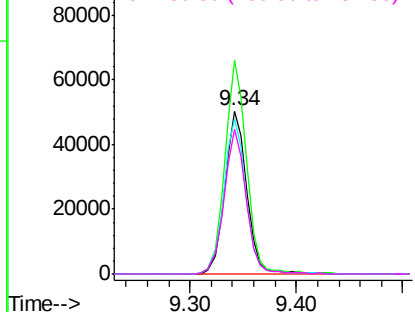
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

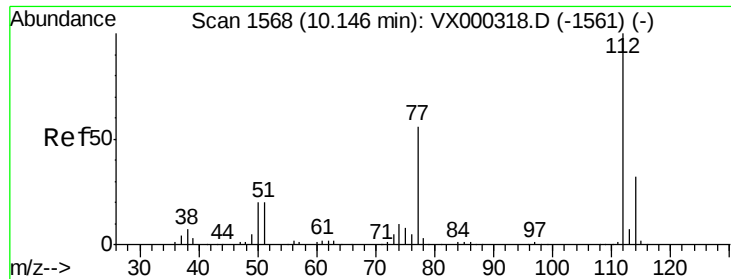


#64
Tetrachloroethene
Concen: 50.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:164 Resp: 72725
Ion Ratio Lower Upper
164 100
166 131.1 101.0 151.6
129 94.9 79.0 118.4
131 89.0 71.9 107.9

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: 48.11 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

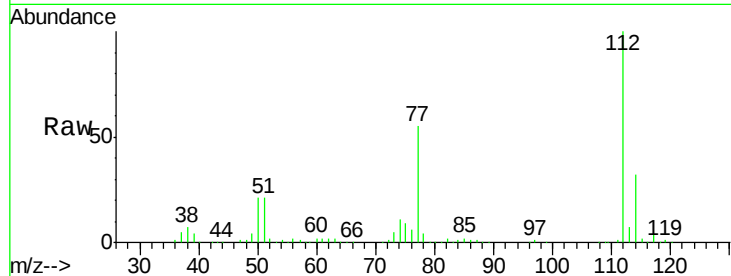
VSTDCC50

Tgt Ion:112 Resp: 219142

Ion Ratio Lower Upper

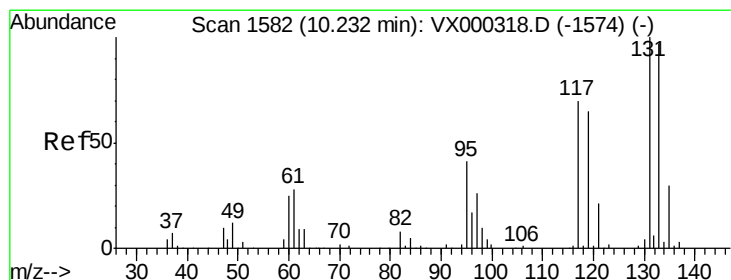
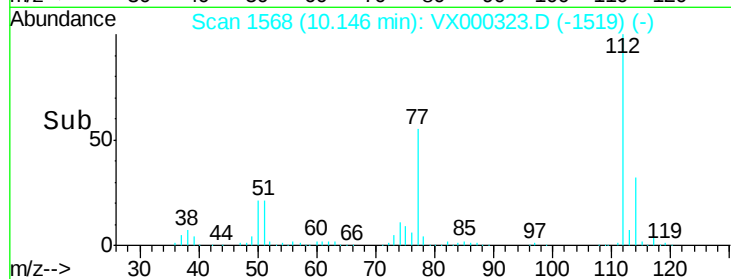
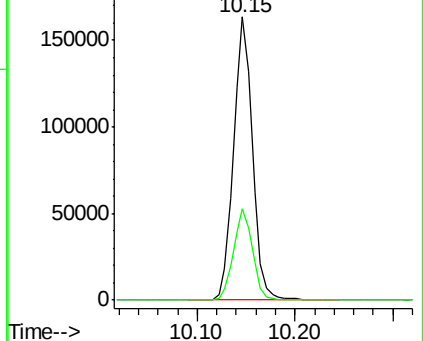
112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.11 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

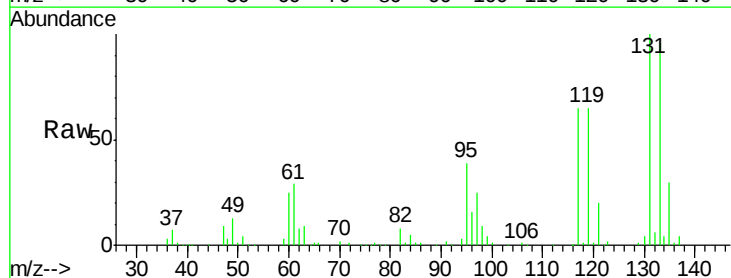
Tgt Ion:131 Resp: 76758

Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.3

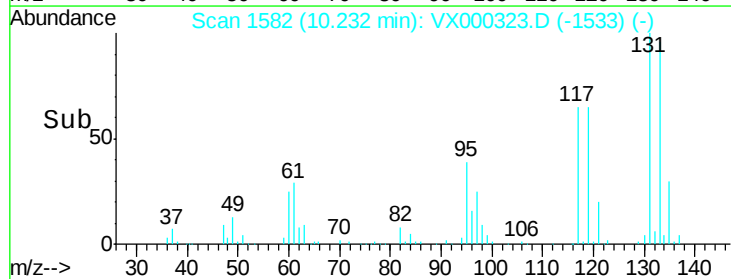
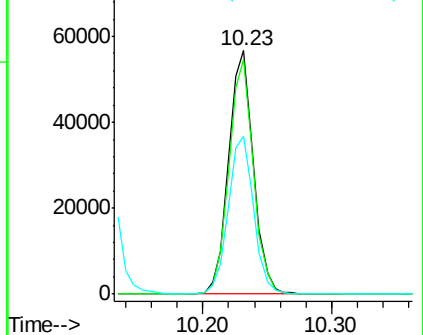
119 66.3 33.1 99.2

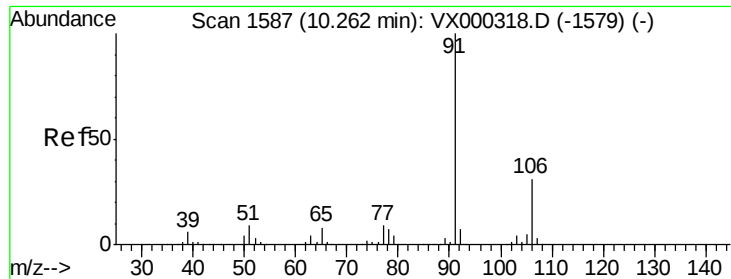


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.81 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

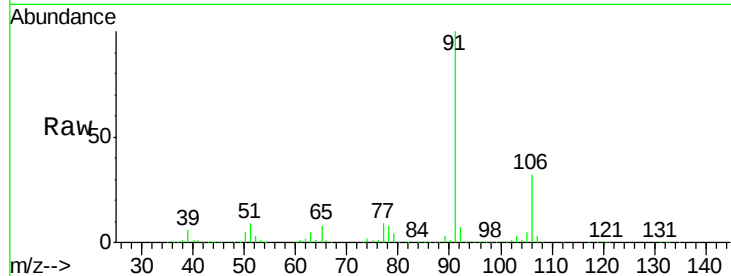
VSTDCC50

Tgt Ion: 91 Resp: 378990

Ion Ratio Lower Upper

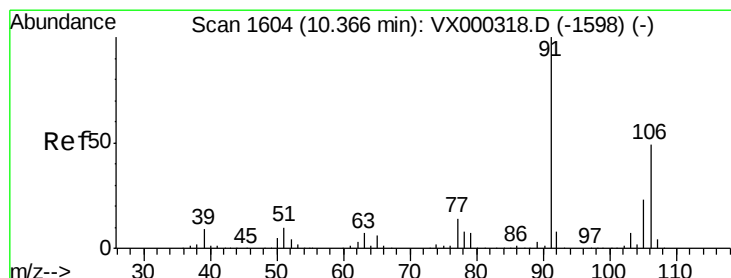
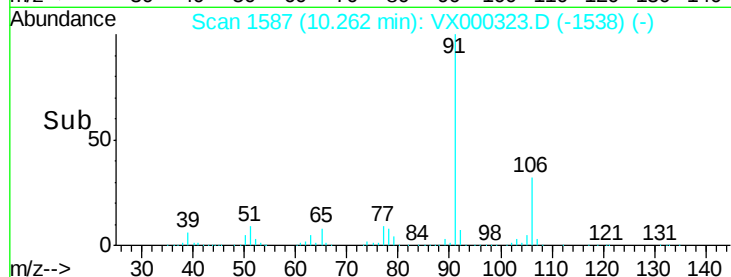
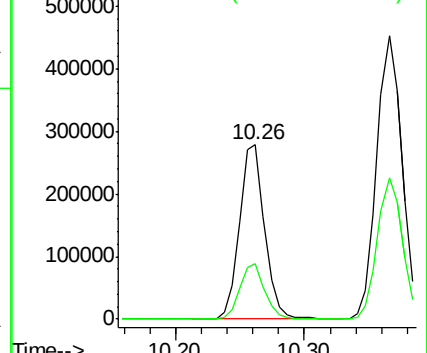
91 100

106 32.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.19 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000323.D

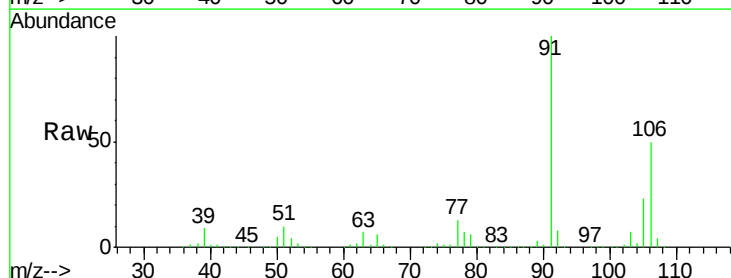
Acq: 15 Mar 2018 12:13

Tgt Ion: 106 Resp: 303128

Ion Ratio Lower Upper

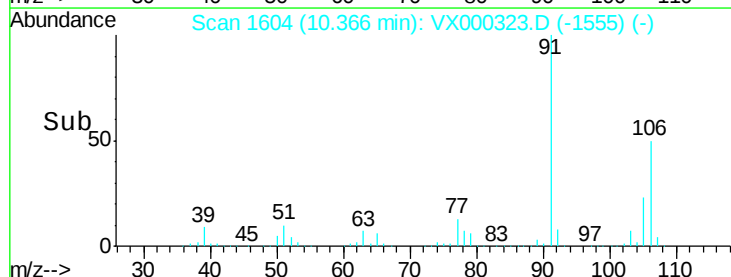
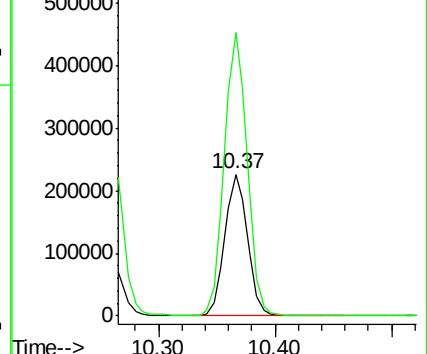
106 100

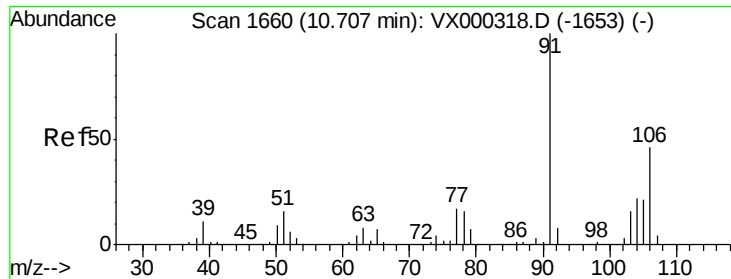
91 203.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

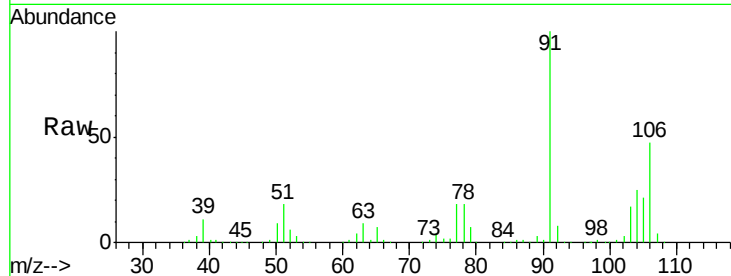




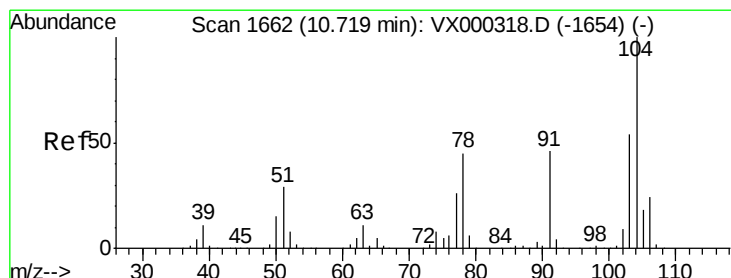
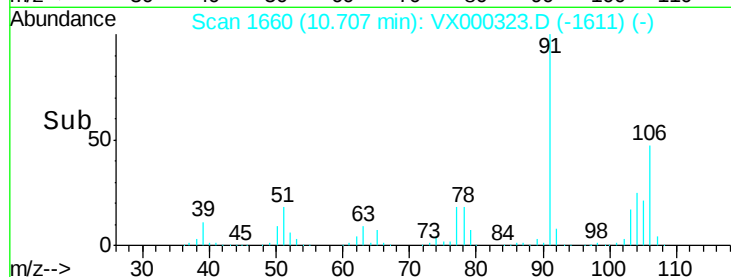
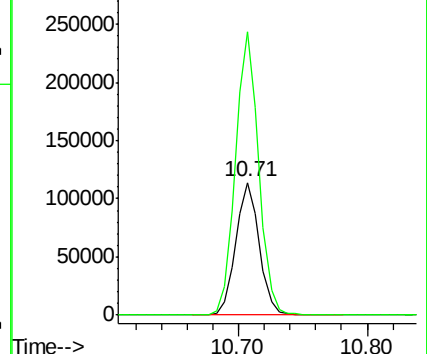
#69
o-Xylene
Concen: 49.37 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tgt Ion:106 Resp: 145084
Ion Ratio Lower Upper
106 100
91 211.9 106.5 319.6

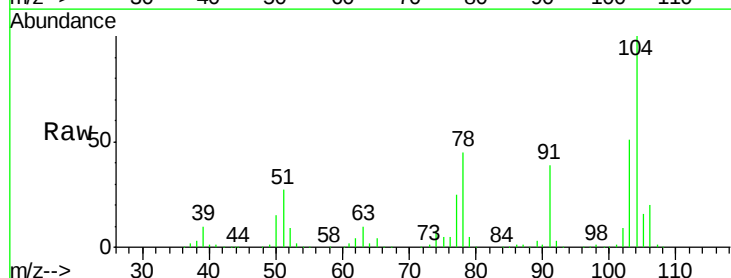


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

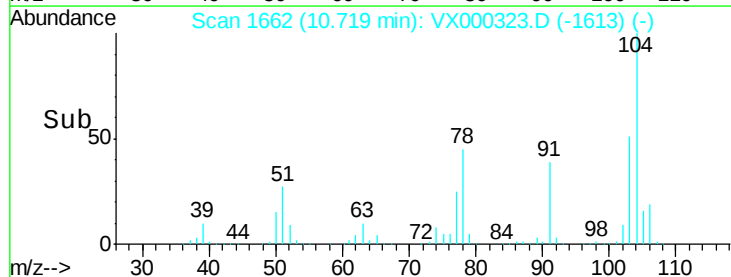
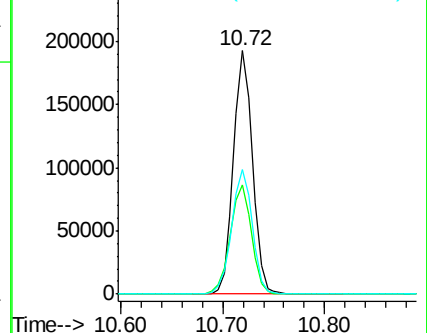


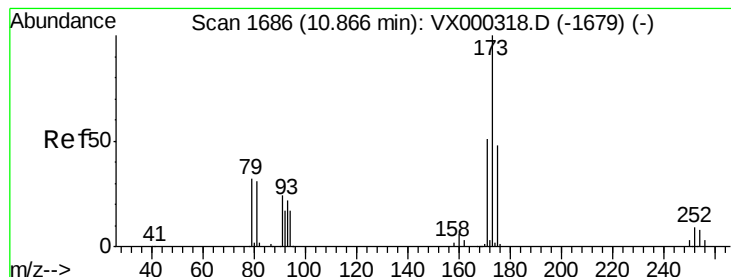
#70
Styrene
Concen: 50.94 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:104 Resp: 248434
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 55.7 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.68 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

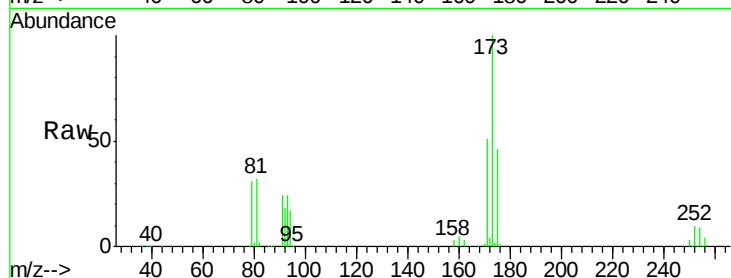
Tgt Ion:173 Resp: 68638

Ion Ratio Lower Upper

173 100

175 47.3 25.4 76.4

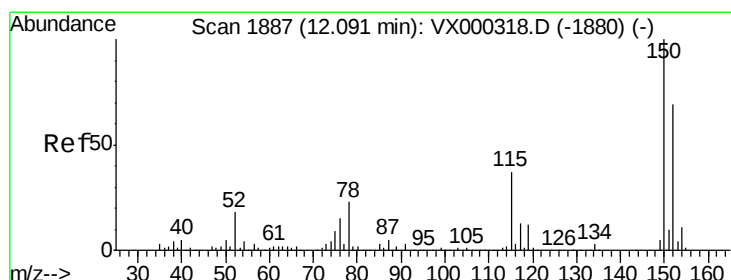
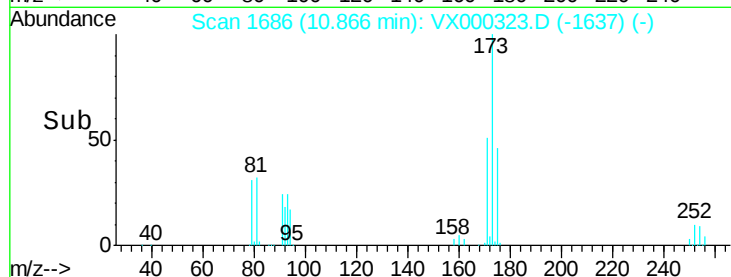
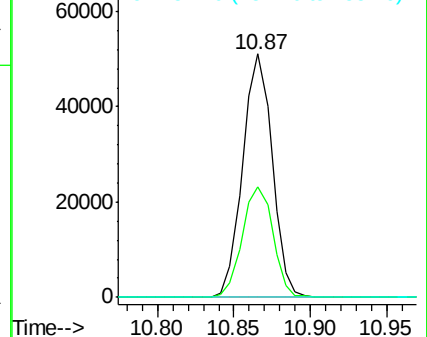
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

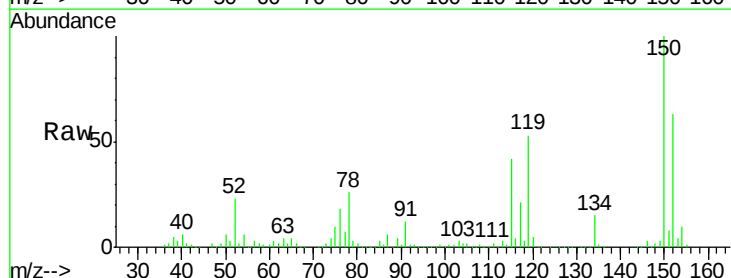
Tgt Ion:152 Resp: 144754

Ion Ratio Lower Upper

152 100

115 79.4 39.8 119.3

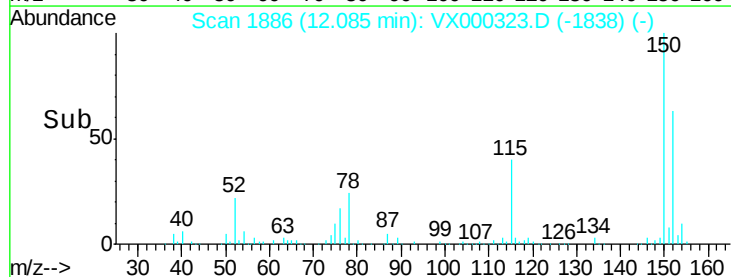
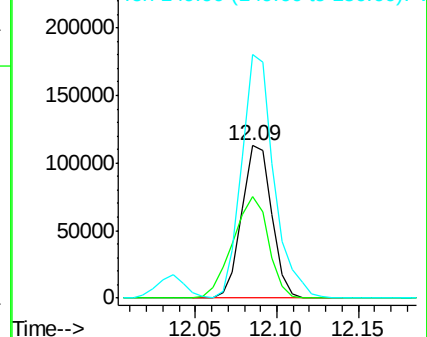
150 171.6 0.0 344.4

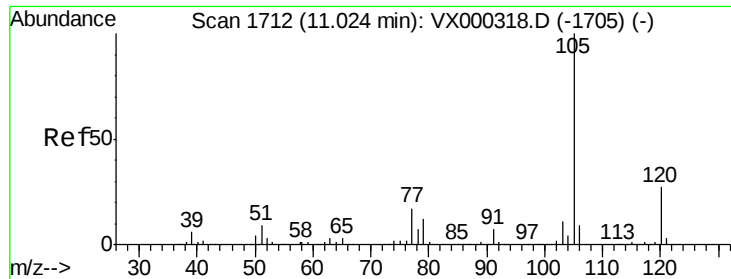


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

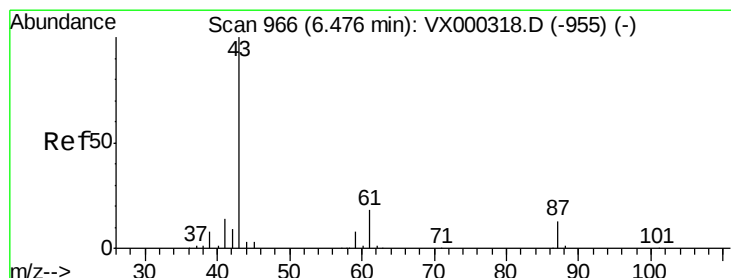
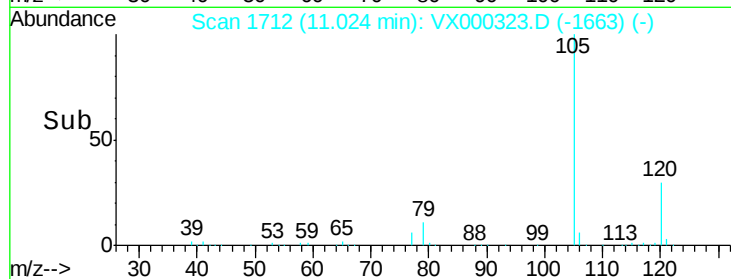
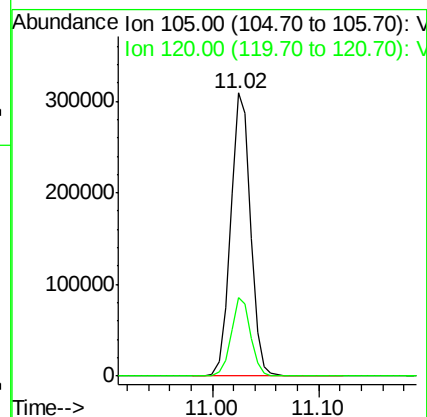
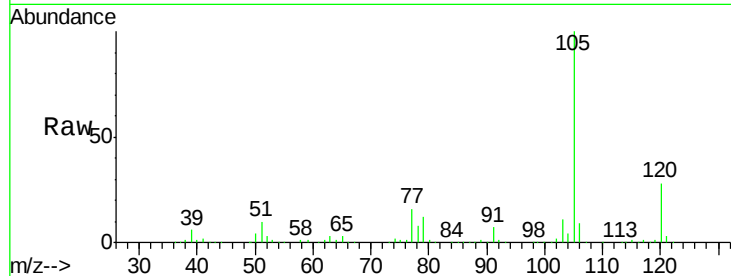
VSTDCC50

Tgt Ion:105 Resp: 403936

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 45.31 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion: 43 Resp: 189123

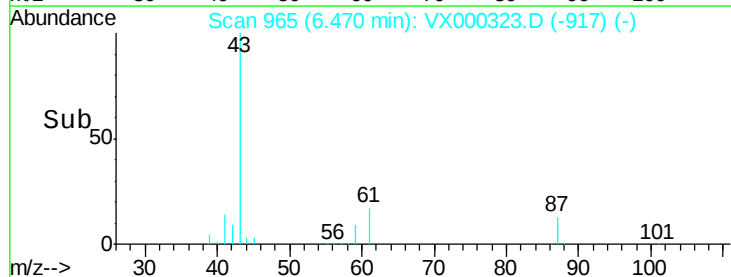
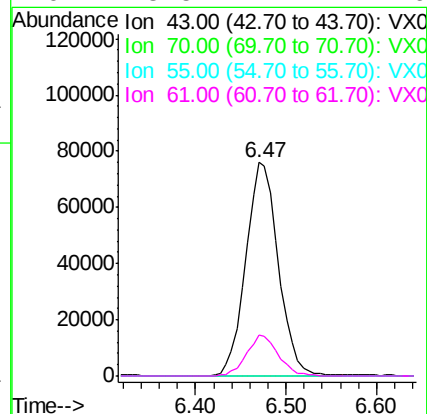
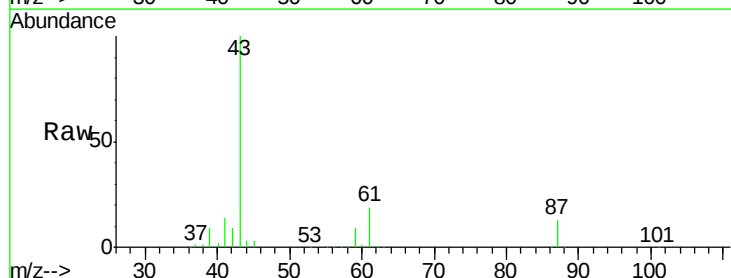
Ion Ratio Lower Upper

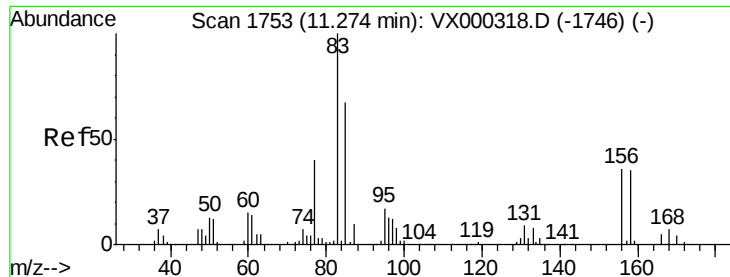
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

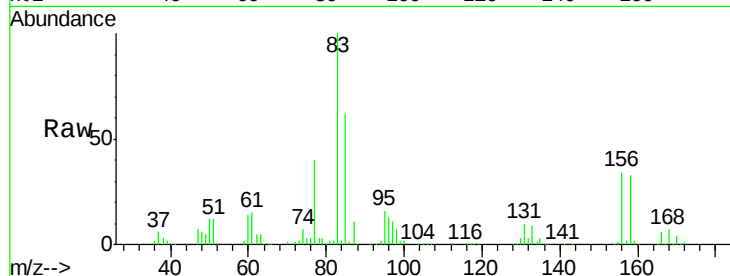
Tgt Ion: 83 Resp: 141654

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

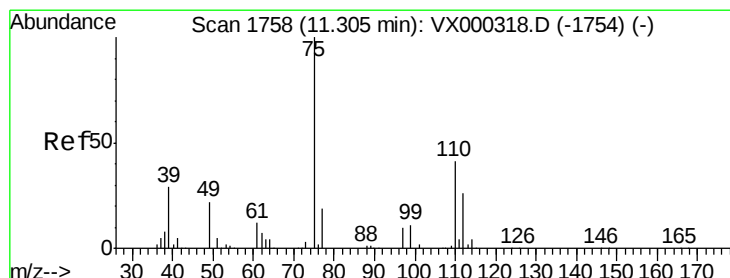
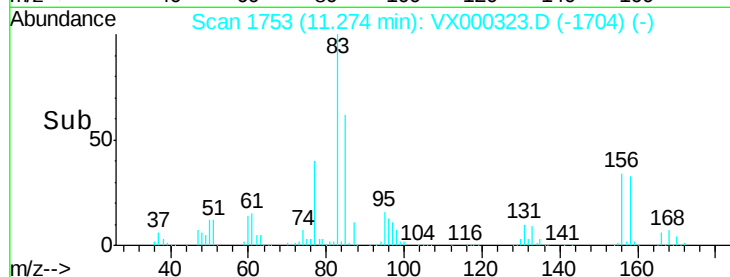
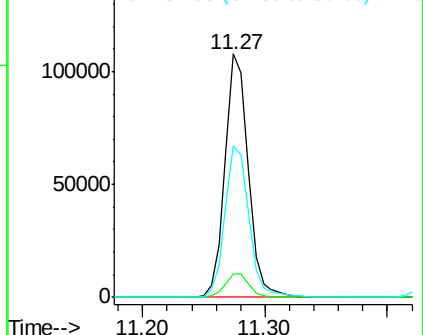
85 64.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.85 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000323.D

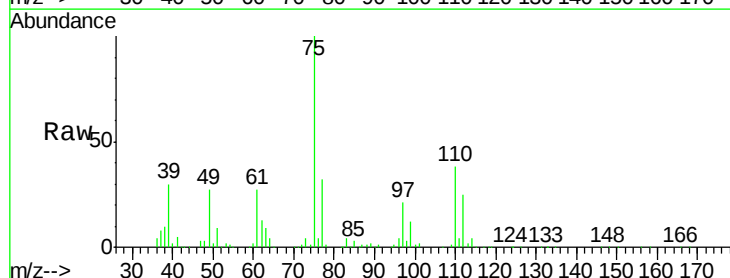
Acq: 15 Mar 2018 12:13

Tgt Ion: 75 Resp: 170486

Ion Ratio Lower Upper

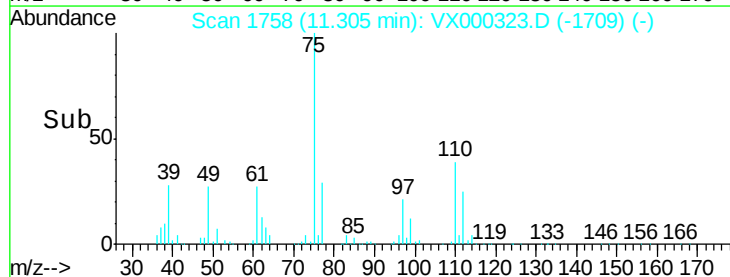
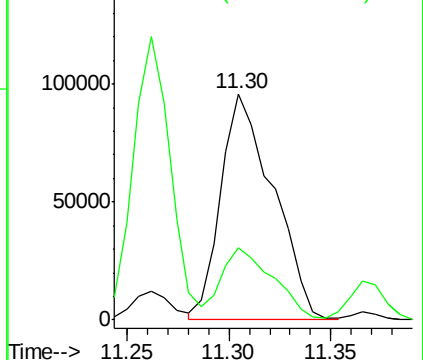
75 100

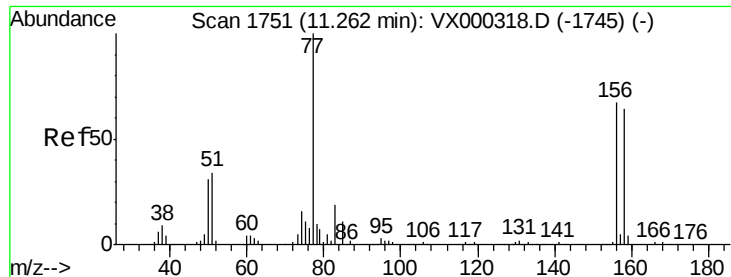
77 31.7 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

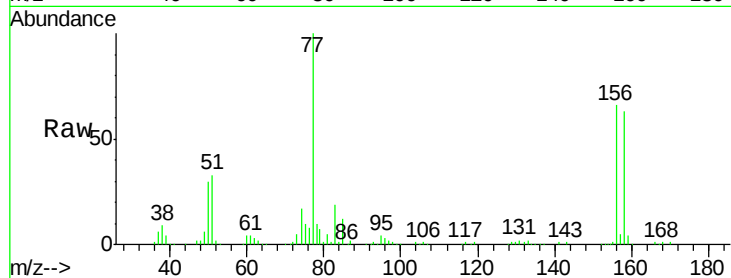
Tgt Ion:156 Resp: 102395

Ion Ratio Lower Upper

156 100

77 148.9 73.4 220.2

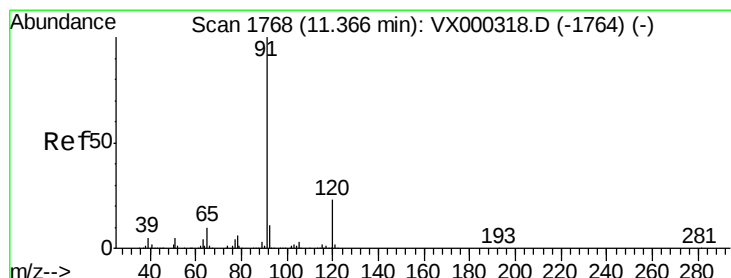
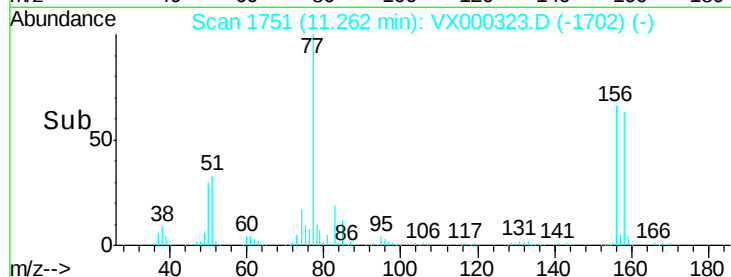
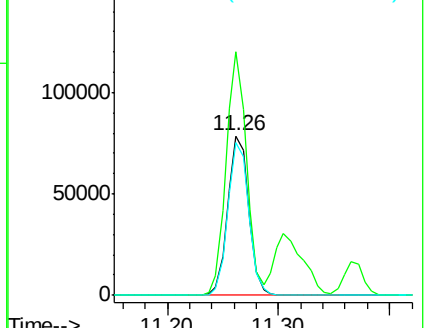
158 96.2 48.5 145.6



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: 46.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000323.D

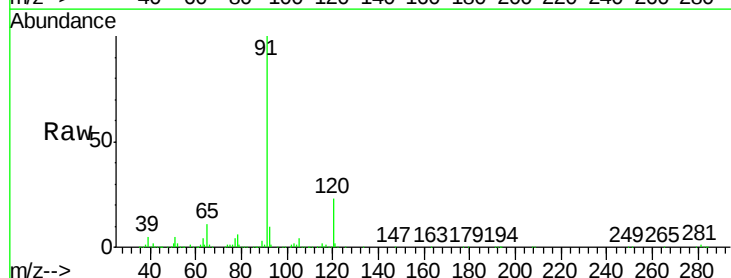
Acq: 15 Mar 2018 12:13

Tgt Ion: 91 Resp: 486257

Ion Ratio Lower Upper

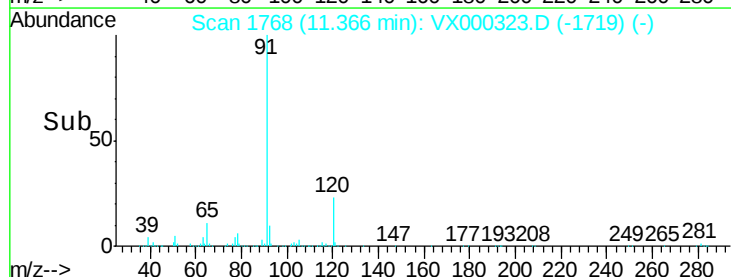
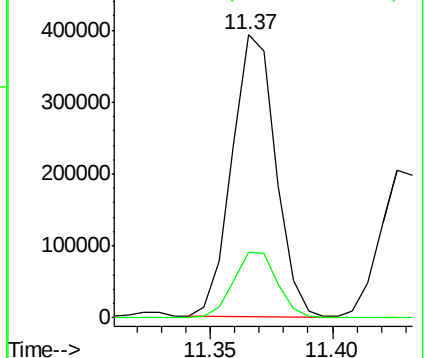
91 100

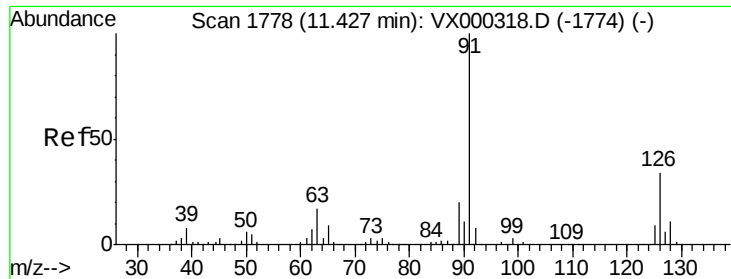
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.66 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

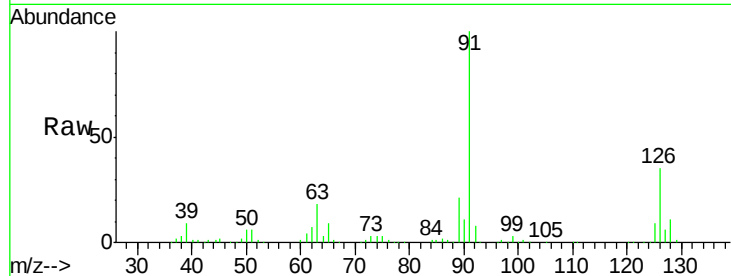
VSTDCC50

Tgt Ion: 91 Resp: 272407

Ion Ratio Lower Upper

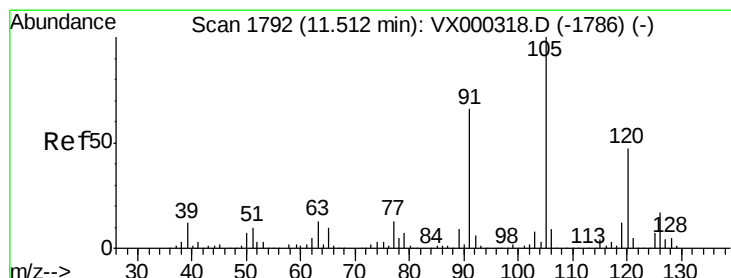
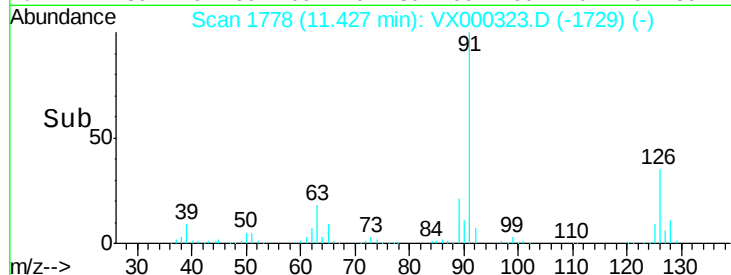
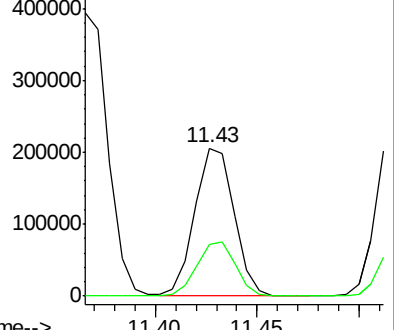
91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000323.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000323.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000323.D

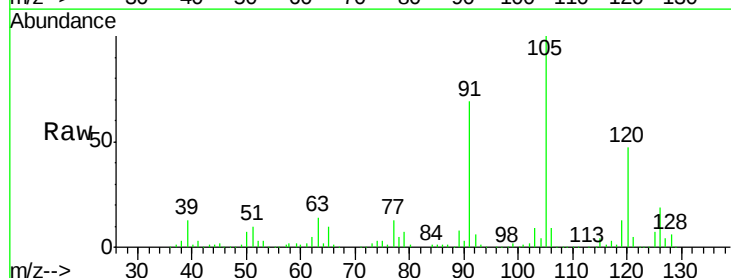
Acq: 15 Mar 2018 12:13

Tgt Ion: 105 Resp: 354654

Ion Ratio Lower Upper

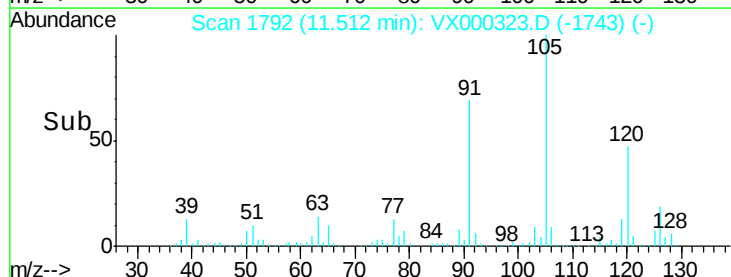
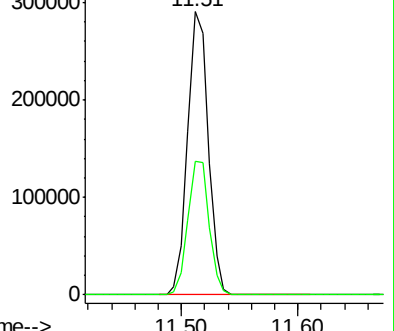
105 100

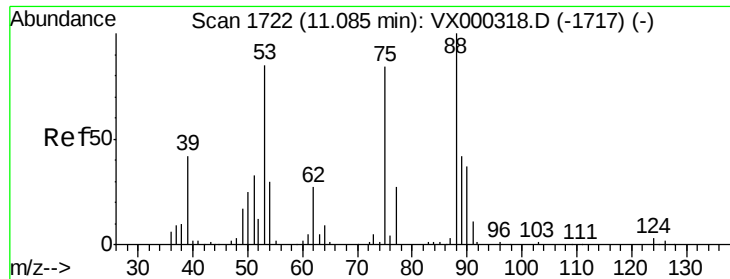
120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000323.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000323.D (-1786) (-)

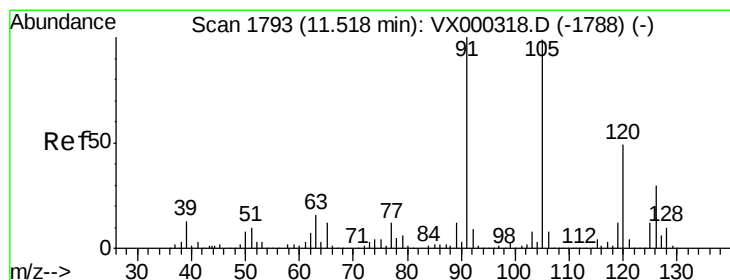
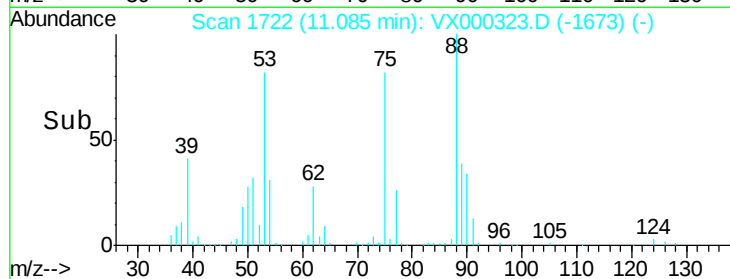
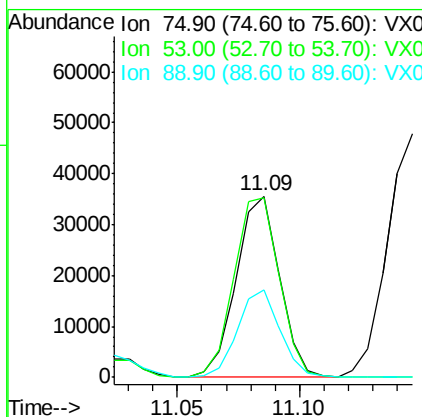
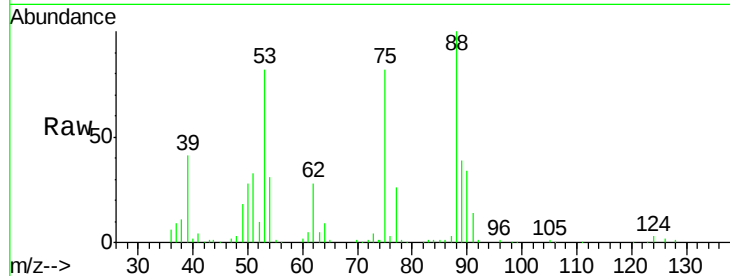




#81
trans-1,4-Dichloro-2-butene
Concen: 45.84 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

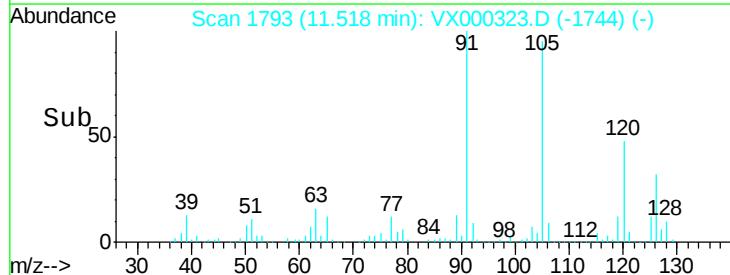
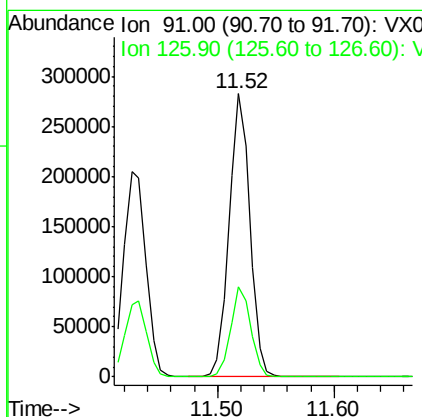
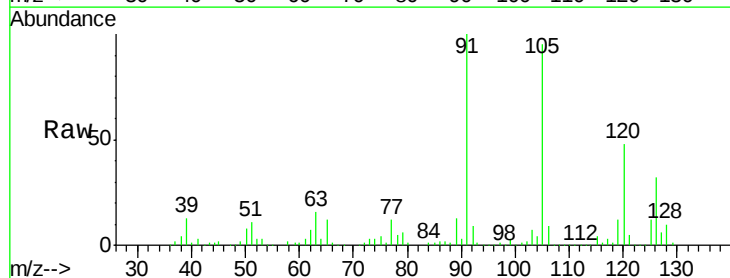
Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

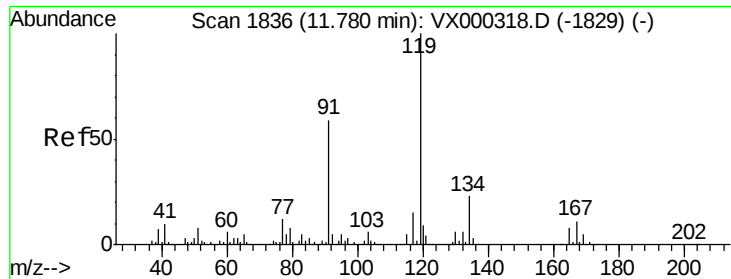
Tgt Ion: 75 Resp: 43773
Ion Ratio Lower Upper
75 100
53 104.2 80.7 121.1
89 47.7 39.4 59.0



#82
4-Chlorotoluene
Concen: 47.75 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 91 Resp: 350131
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.1

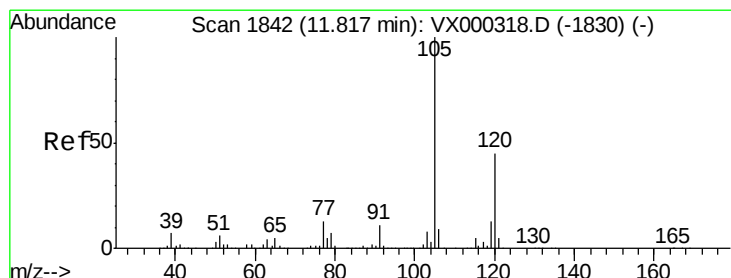
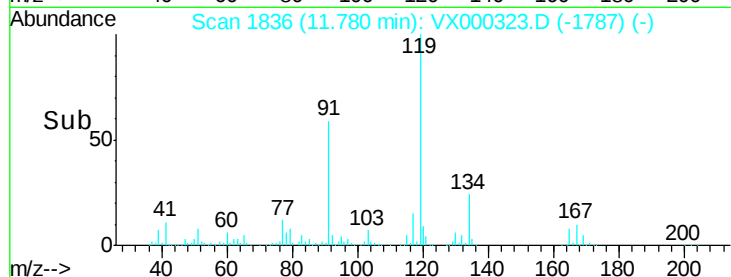
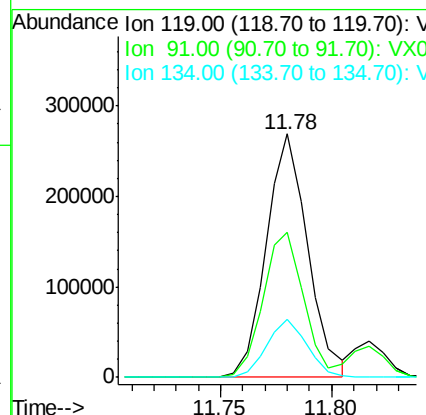
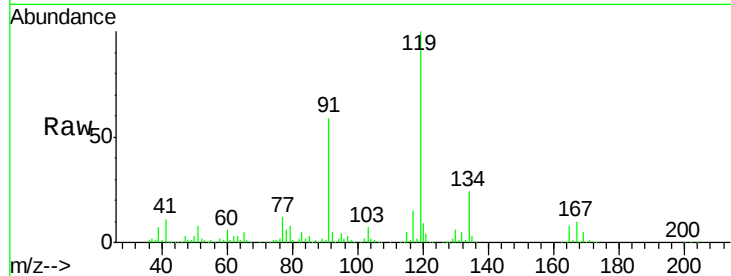




#83
 tert-Butylbenzene
 Concen: 47.93 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

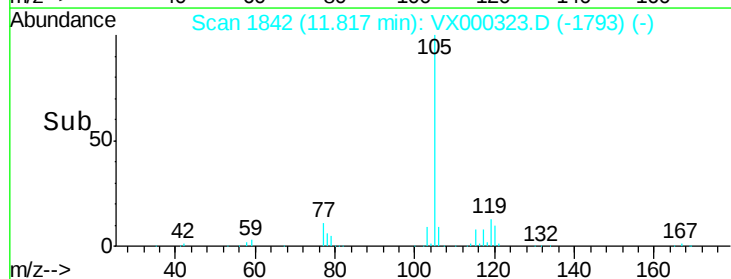
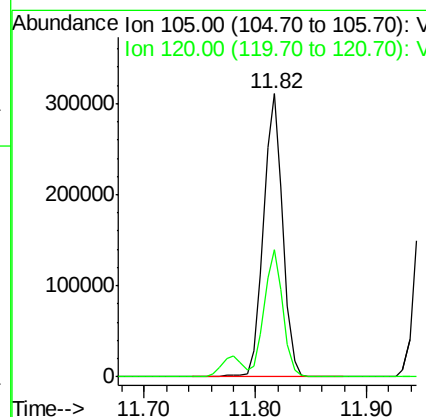
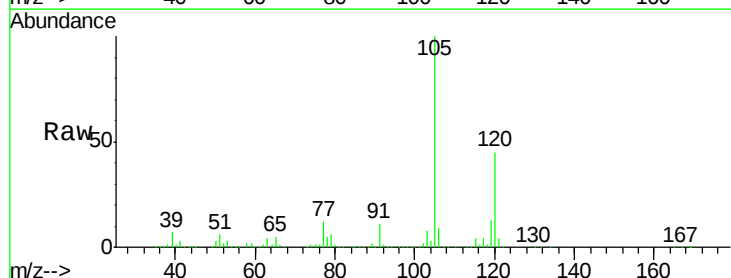
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

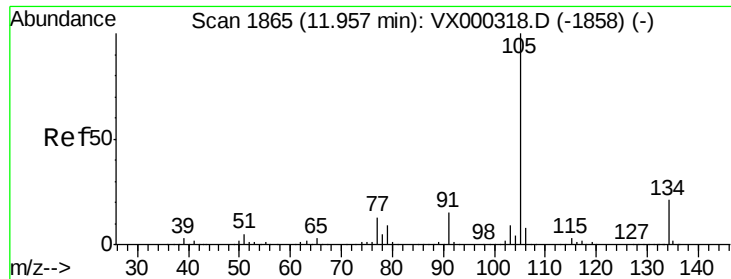
Tgt Ion:119 Resp: 347265
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.03 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:105 Resp: 374405
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

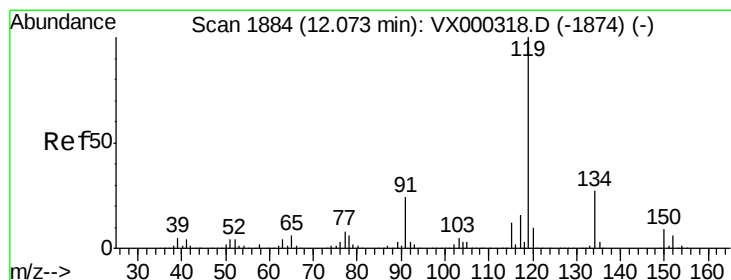
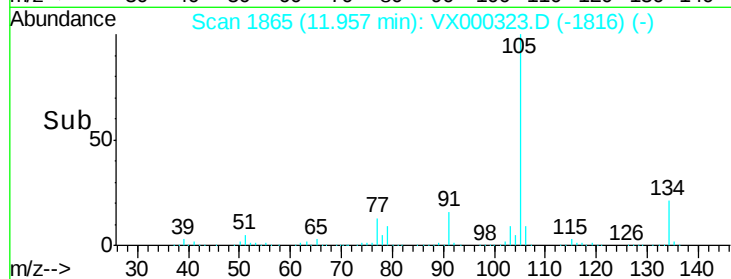
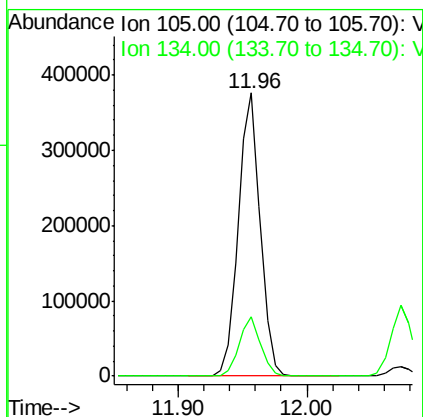
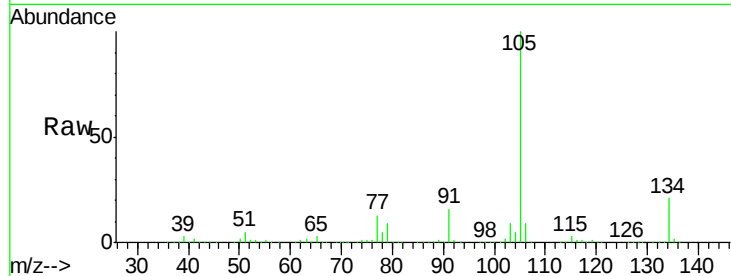




#85
 sec-Butylbenzene
 Concen: 48.78 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

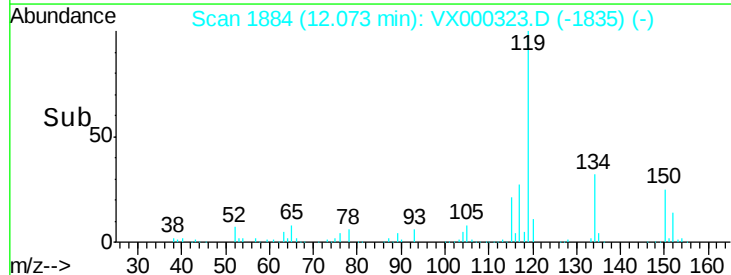
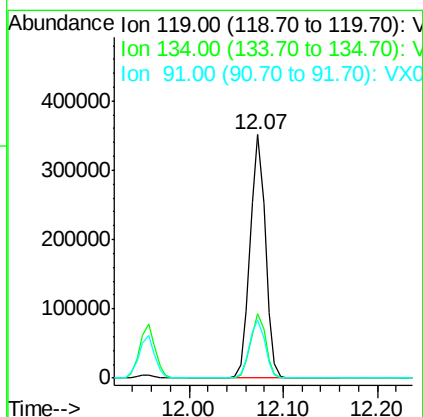
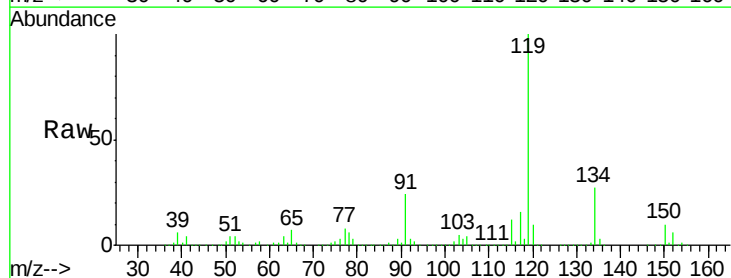
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

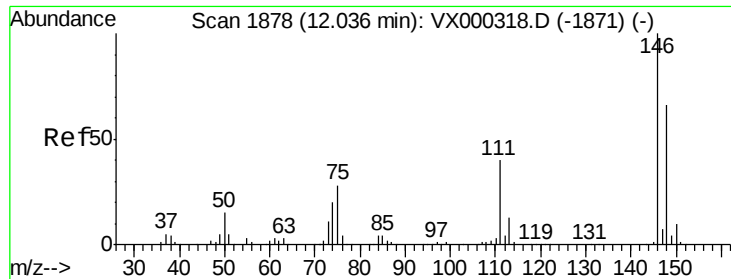
Tgt Ion:105 Resp: 442501
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.85 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:119 Resp: 402437
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.3 12.0 36.1

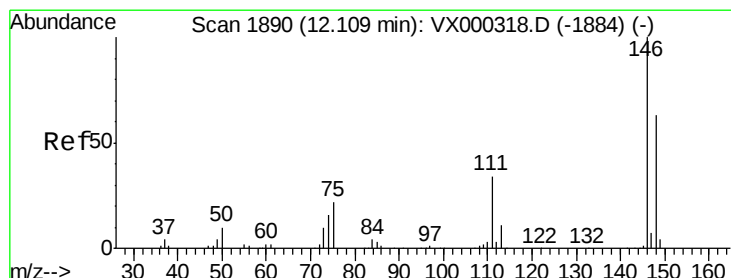
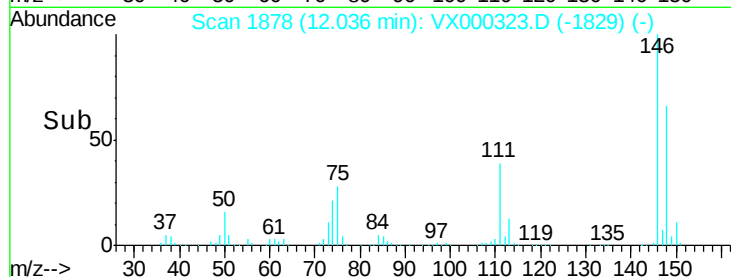
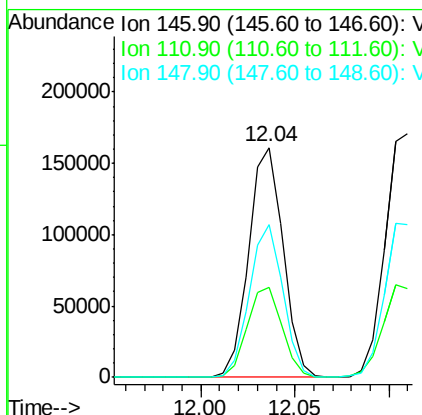
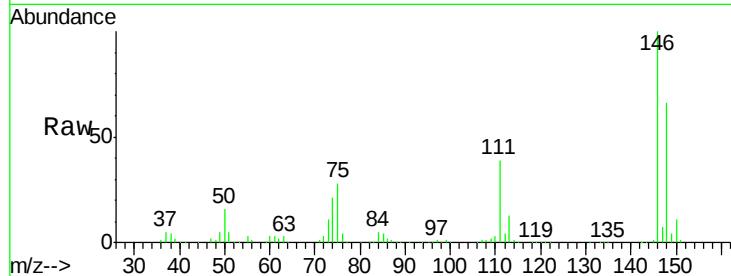




#87
 1,3-Dichlorobenzene
 Concen: 45.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

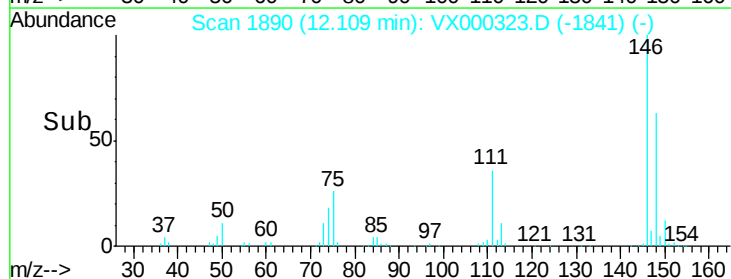
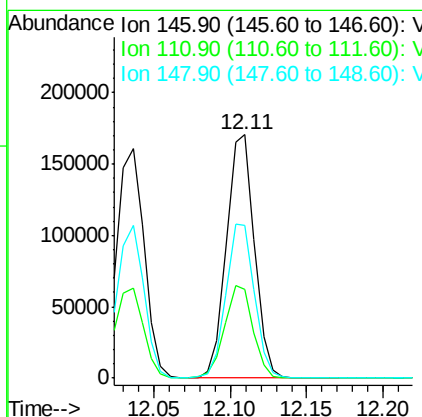
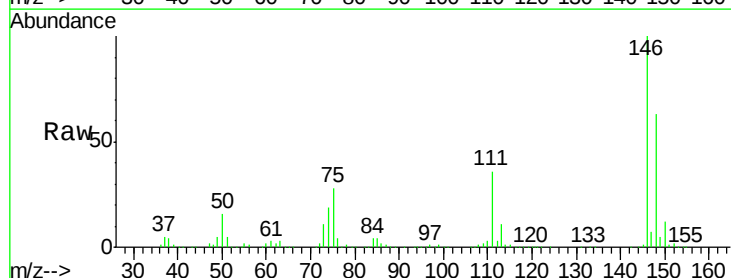
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

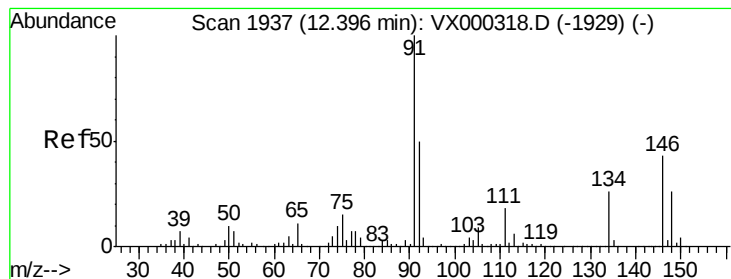
Tgt Ion:146 Resp: 204481
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.5 58.5
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 46.35 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:146 Resp: 216304
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 64.0 31.0 93.0





#89

n-Butylbenzene

Concen: 49.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

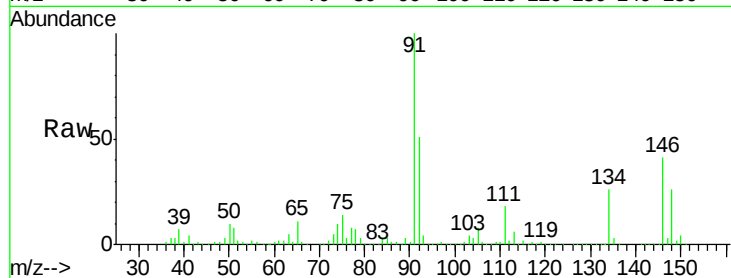
Tgt Ion: 91 Resp: 387970

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

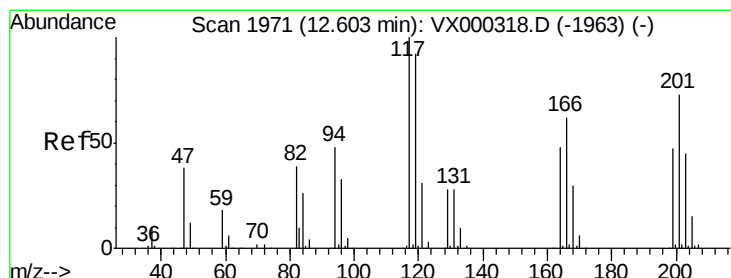
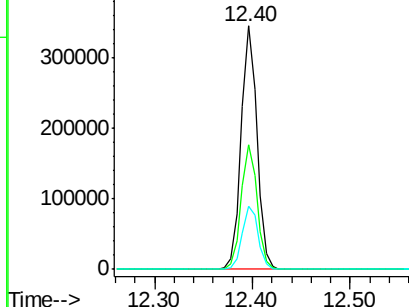
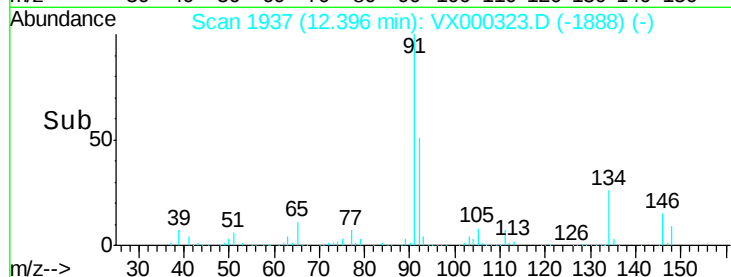
134 26.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000323.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000323.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000323.D (-1888) (-)



#90

Hexachloroethane

Concen: 49.68 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000323.D

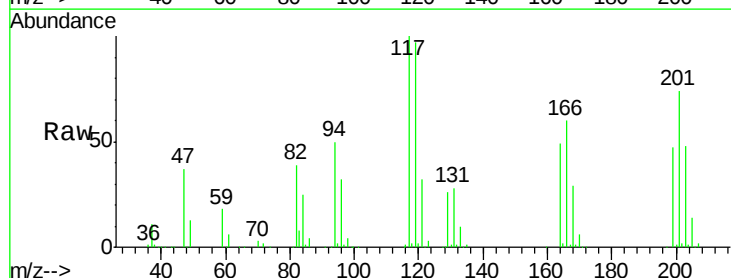
Acq: 15 Mar 2018 12:13

Tgt Ion: 117 Resp: 64320

Ion Ratio Lower Upper

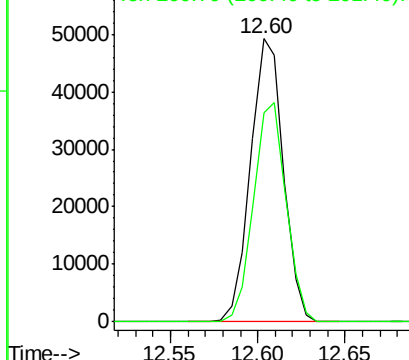
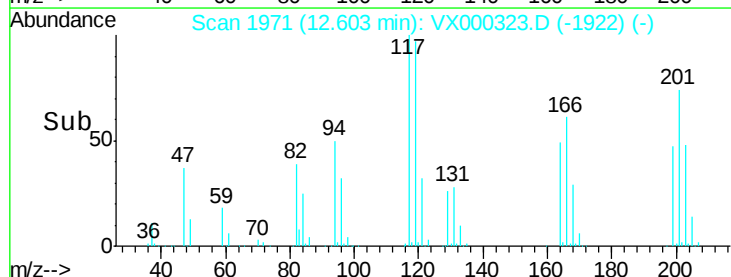
117 100

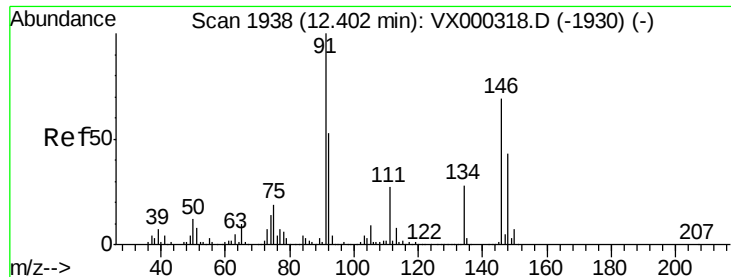
201 76.7 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000323.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000323.D (-1922) (-)

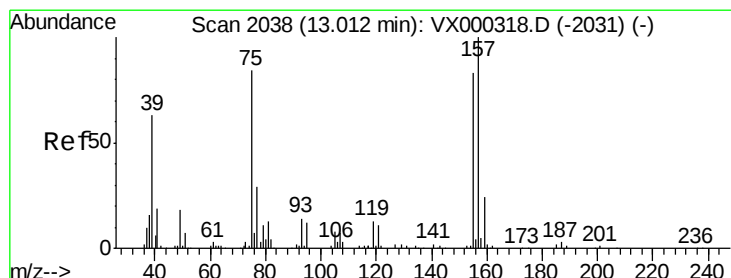
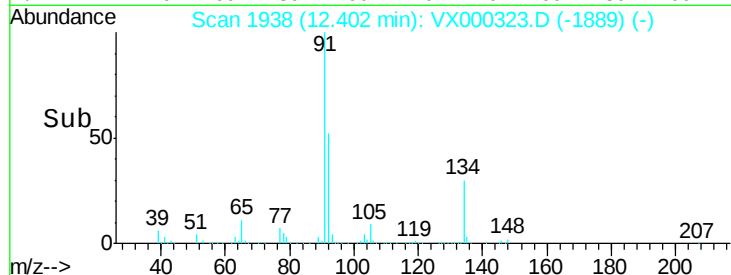
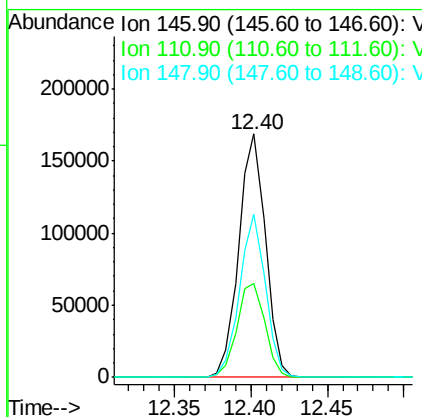
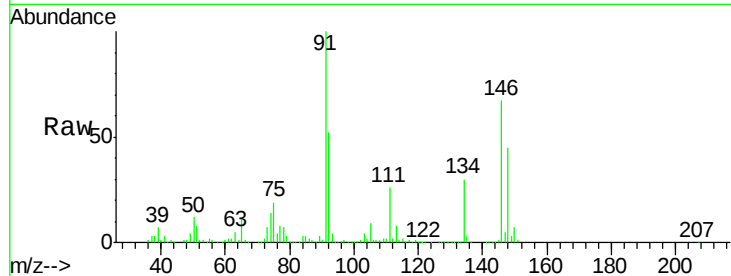




#91
 1,2-Dichlorobenzene
 Concen: 46.95 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

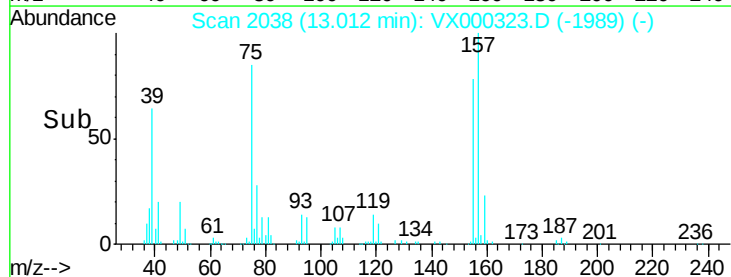
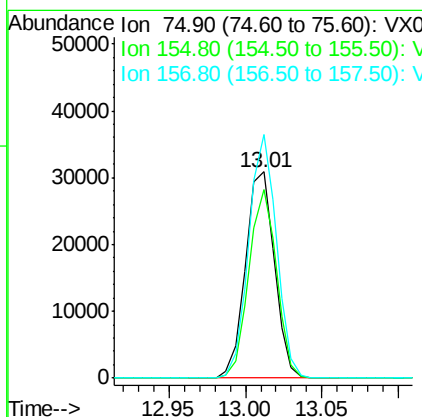
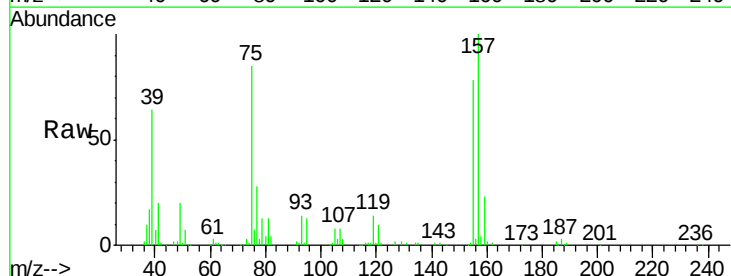
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

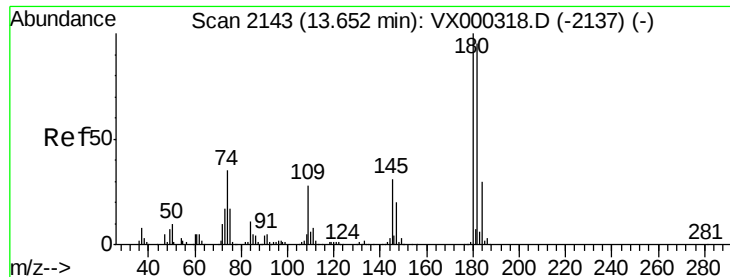
Tgt Ion: 146 Resp: 204207
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.2
 148 64.9 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.37 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion: 75 Resp: 40638
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.0 134.8
 157 112.9 58.1 174.2

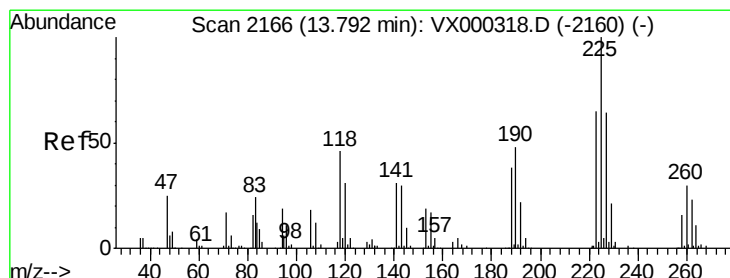
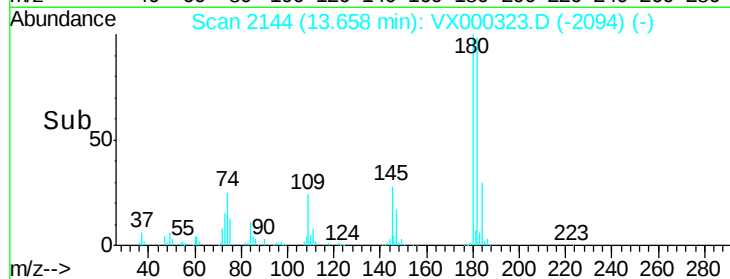
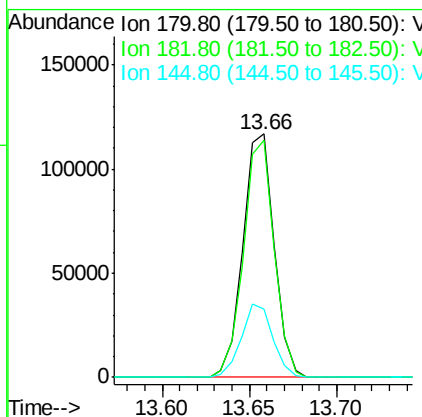
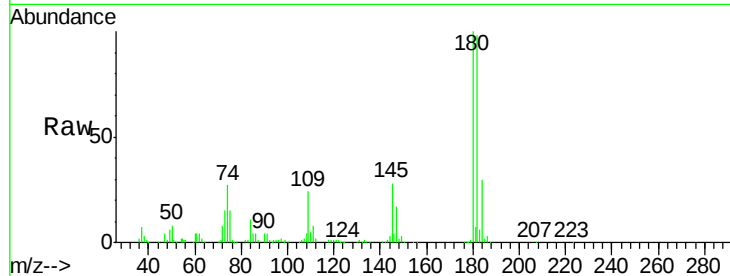




#93
 1,2,4-Trichlorobenzene
 Concen: 46.39 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

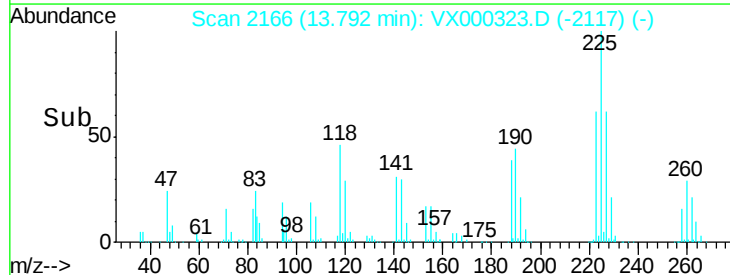
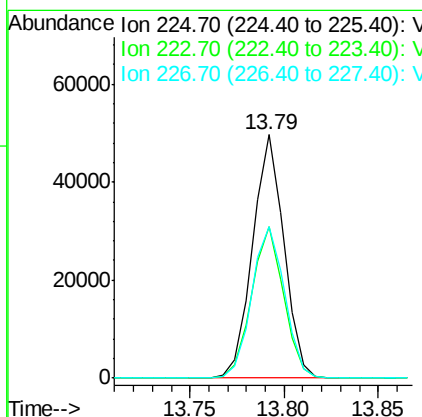
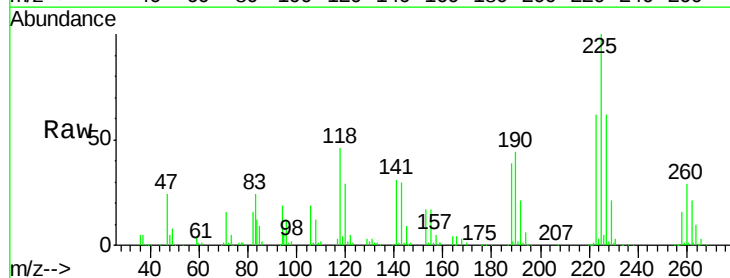
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

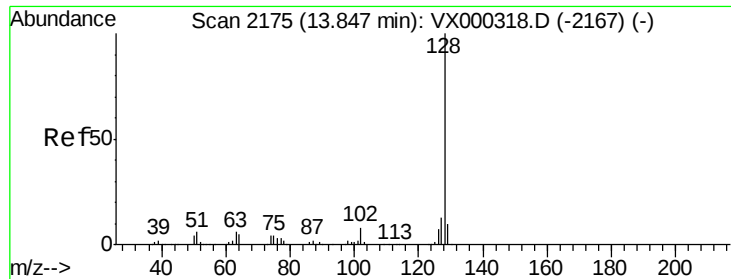
Tgt Ion:180 Resp: 145361
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.9
 145 30.3 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 46.33 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:225 Resp: 57262
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 65.2 32.6 98.0

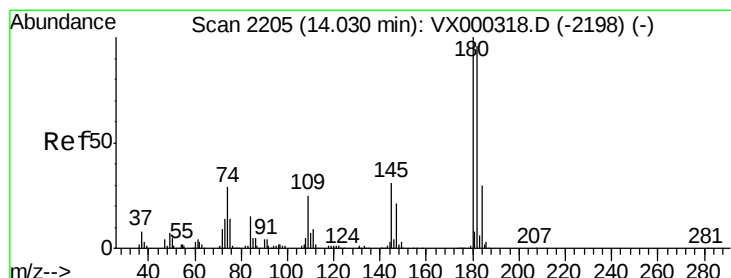
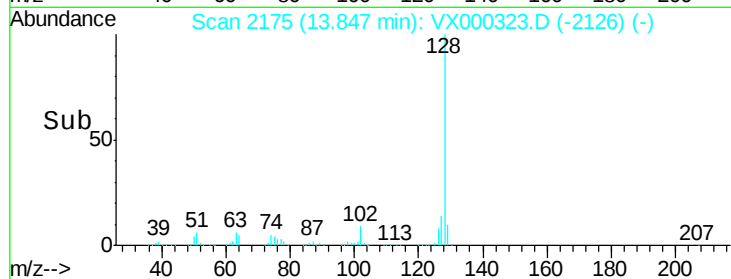
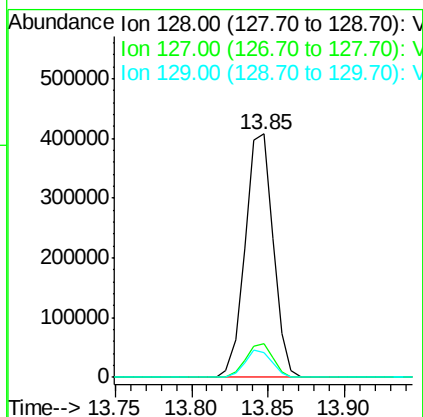
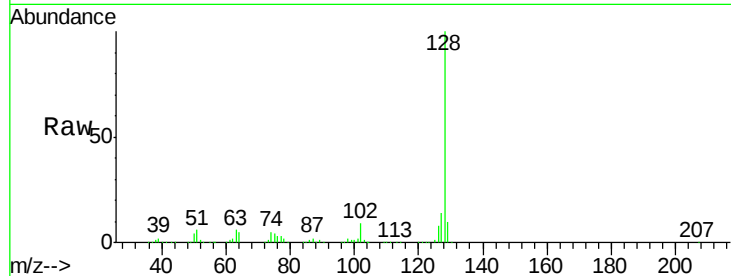




#95
Naphthalene
Concen: 47.60 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tgt Ion:128 Resp: 517527
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.33 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:180 Resp: 146638
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.3
145 29.9 15.8 47.3

