

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001205.D
 Acq On : 28 Apr 2018 06:57
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 28 07:16:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	246887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167656	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137729	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	5.51	113	111953	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	8.72	98	393438	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	155089	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	84605	43.583	ug/l	98
3) Chloromethane	1.32	50	95160	46.808	ug/l	98
4) Vinyl Chloride	1.40	62	104191	48.304	ug/l	99
5) Bromomethane	1.64	94	89351	68.563	ug/l	100
6) Chloroethane	1.73	64	68005	50.090	ug/l	95
7) Trichlorofluoromethane	1.93	101	163229	46.858	ug/l	99
8) Diethyl Ether	2.19	74	66276	49.482	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80991	42.197	ug/l	99
10) Methyl Iodide	2.51	142	75471	39.584	ug/l	98
11) Tert butyl alcohol	3.07	59	110551	195.379	ug/l	99
12) 1,1-Dichloroethene	2.38	96	87736	46.871	ug/l	97
13) Acrolein	2.30	56	36786	171.973	ug/l	98
14) Allyl chloride	2.73	41	164471	48.167	ug/l	97
15) Acrylonitrile	3.15	53	271206	224.455	ug/l	99
16) Acetone	2.45	43	239946	203.356	ug/l	98
17) Carbon Disulfide	2.57	76	214320	44.874	ug/l	99
18) Methyl Acetate	2.78	43	141915	48.065	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	345782	50.182	ug/l	98
20) Methylene Chloride	2.86	84	108021	49.155	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	99002	47.846	ug/l	99
22) Diisopropyl ether	3.88	45	340972	49.907	ug/l	96
23) Vinyl Acetate	3.83	43	1429438	246.620	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175092	48.761	ug/l	98
25) 2-Butanone	4.71	43	367409	208.106	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98502	34.851	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	114234	50.422	ug/l	96
28) Bromochloromethane	5.03	49	85788	53.284	ug/l	98
29) Tetrahydrofuran	5.17	42	240009	211.437	ug/l	99
30) Chloroform	5.22	83	196483	51.455	ug/l	100
31) Cyclohexane	5.59	56	121653	39.876	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	162933	49.429	ug/l	99
36) 1,1-Dichloropropene	5.81	75	126810	44.301	ug/l	100
37) Ethyl Acetate	4.87	43	149447	43.597	ug/l	100
38) Carbon Tetrachloride	5.79	117	136484	46.500	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	117118	36.969	ug/l	95
40) Benzene	6.15	78	414403	50.045	ug/l	99
41) Methacrylonitrile	5.07	41	86853	45.091	ug/l	98
42) 1,2-Dichloroethane	6.21	62	168276	50.431	ug/l	100
43) Isopropyl Acetate	6.48	43	252141	46.836	ug/l	99
44) Trichloroethene	7.22	130	120212	48.731	ug/l	96
45) 1,2-Dichloropropane	7.53	63	108846	49.978	ug/l	98
46) Dibromomethane	7.67	93	78343	51.947	ug/l	98
47) Bromodichloromethane	7.90	83	144947	52.897	ug/l	100
48) Methyl methacrylate	7.79	41	134132	46.874	ug/l	98
49) 1,4-Dioxane	7.76	88	45568	795.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	825532	233.444	ug/l	100
52) Toluene	8.79	92	265767	49.080	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	161371	50.658	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	149699	43.715	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	118257	51.619	ug/l	99
56) Ethyl methacrylate	9.19	69	169629	49.973	ug/l	99
57) 1,3-Dichloropropane	9.38	76	190186	51.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	395122	246.231	ug/l	100
59) 2-Hexanone	9.51	43	620505	223.946	ug/l	99
60) Dibromochloromethane	9.59	129	127082	47.656	ug/l	100
61) 1,2-Dibromoethane	9.68	107	124640	51.930	ug/l	99
64) Tetrachloroethene	9.34	164	128731	48.849	ug/l	97
65) Chlorobenzene	10.15	112	320430	49.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	118574	52.983	ug/l	99
67) Ethyl Benzene	10.26	91	497050	47.295	ug/l	99
68) m/p-Xylenes	10.37	106	396964	95.542	ug/l	100
69) o-Xylene	10.71	106	197487	49.006	ug/l	99
70) Styrene	10.72	104	337637	50.343	ug/l	100
71) Bromoform	10.86	173	102509	44.184	ug/l	100
73) Isopropylbenzene	11.02	105	497306	45.509	ug/l	99
74) N-amyl acetate	6.48	43	252141	45.790	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176739	48.746	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189732	55.576	ug/l	89
77) Bromobenzene	11.26	156	160810	49.625	ug/l	97
78) n-propylbenzene	11.37	91	555721	45.607	ug/l	100
79) 2-Chlorotoluene	11.43	91	351039	46.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	435405	47.061	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37562	36.531	ug/l	97
82) 4-Chlorotoluene	11.52	91	418921	46.660	ug/l	98
83) tert-Butylbenzene	11.77	119	411619	44.581	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	455030	47.849	ug/l	100
85) sec-Butylbenzene	11.95	105	476004	44.133	ug/l	100
86) p-Isopropyltoluene	12.07	119	446548	44.506	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	281616	48.408	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289291	47.728	ug/l	99
89) n-Butylbenzene	12.40	91	367473	42.317	ug/l	100
90) Hexachloroethane	12.60	117	65887	41.322	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	291985	49.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37745	47.173	ug/l	98

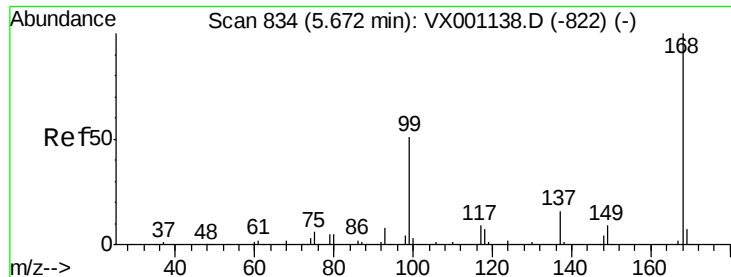
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214064	46.440	ug/l	100
94) Hexachlorobutadiene	13.79	225	84957	39.210	ug/l	100
95) Naphthalene	13.84	128	630411	49.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	220434	48.056	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

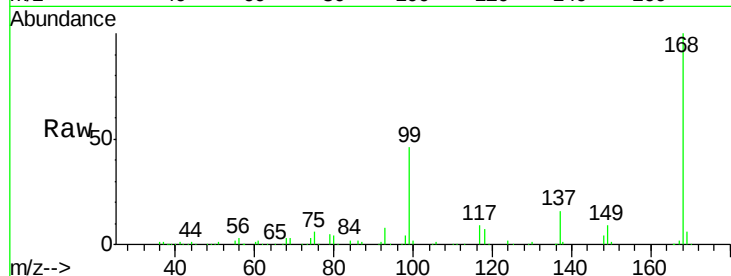
VSTDCCC050EC

Tgt Ion:168 Resp: 185102

Ion Ratio Lower Upper

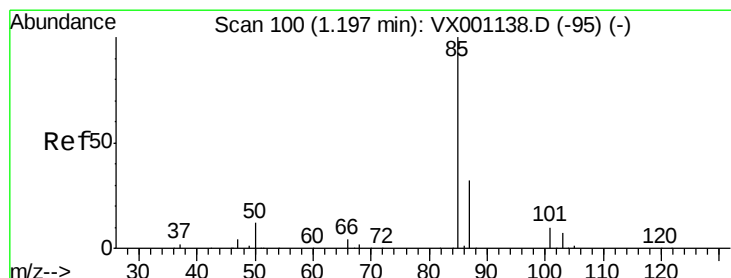
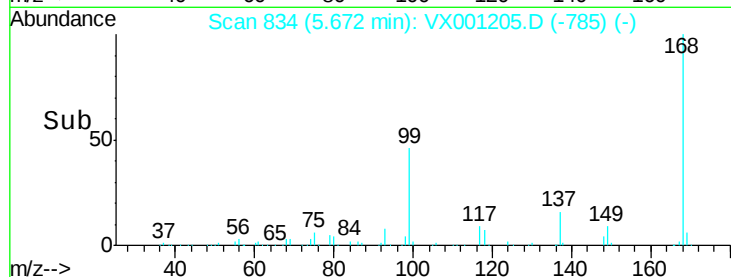
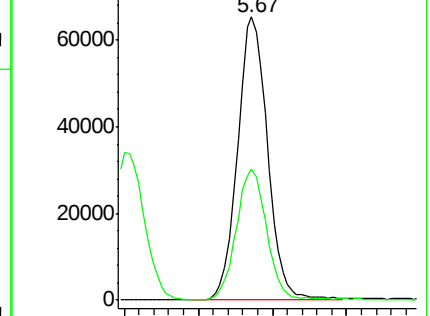
168 100

99 46.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.583 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001205.D

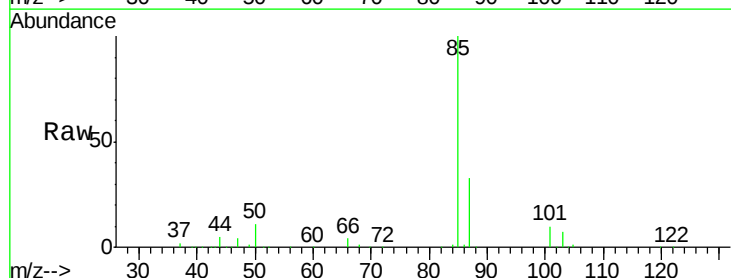
Acq: 28 Apr 2018 06:57

Tgt Ion: 85 Resp: 84605

Ion Ratio Lower Upper

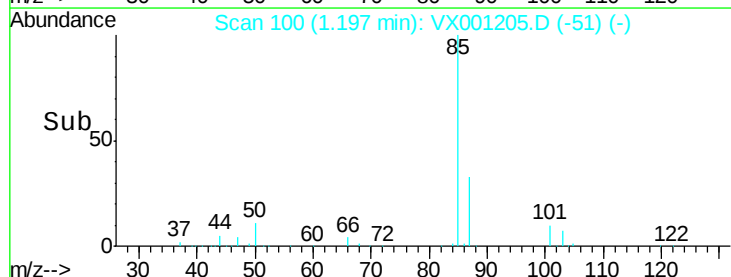
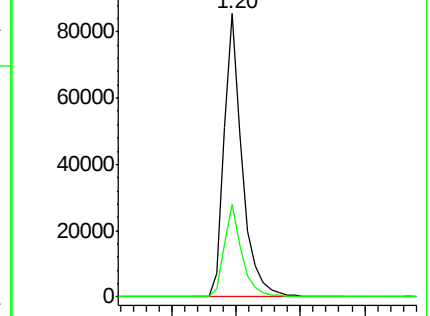
85 100

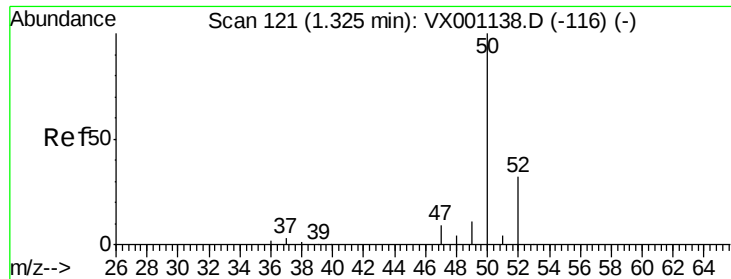
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

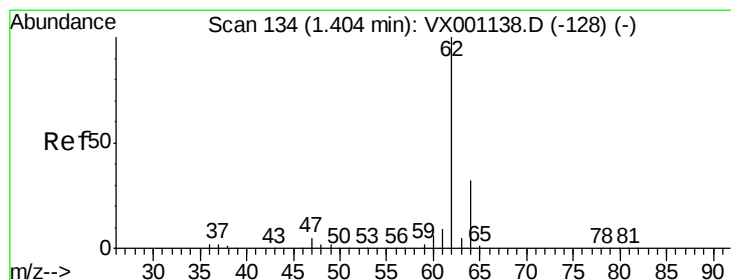
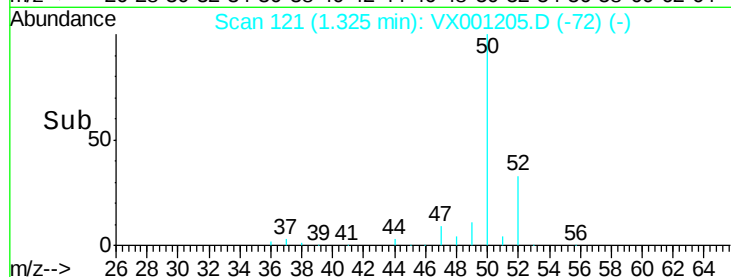
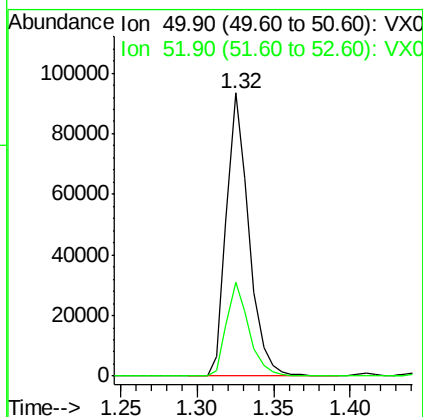
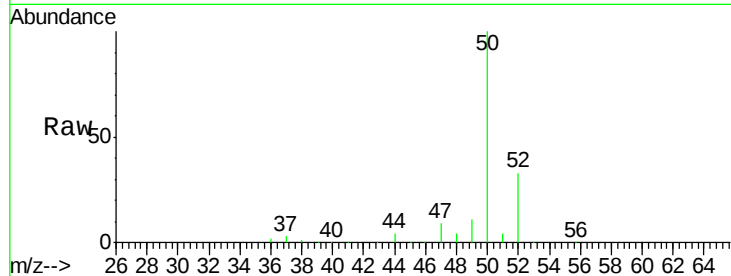




#3
Chloromethane
Concen: 46.808 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

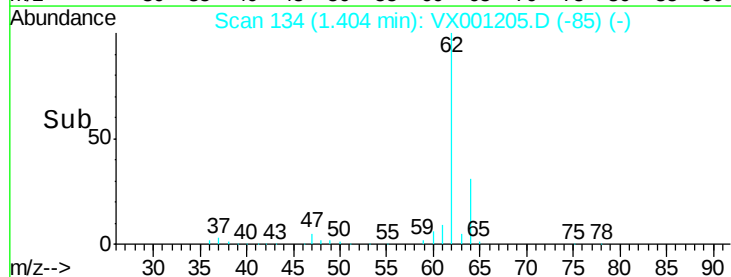
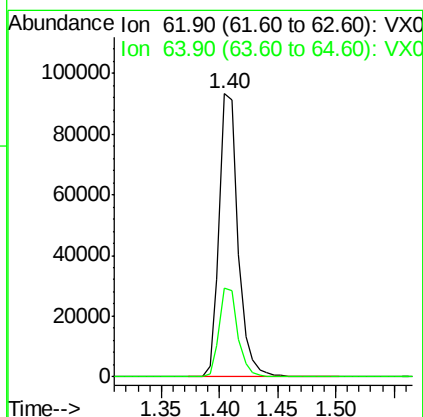
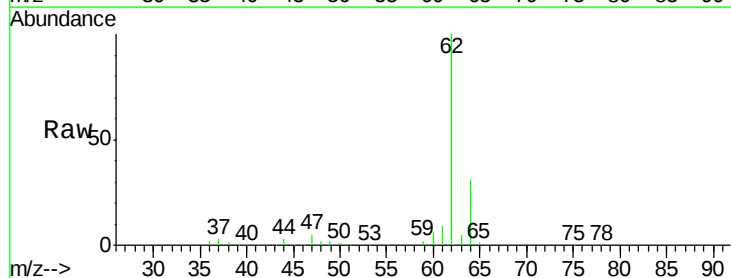
Instrument :
MSVOA_X
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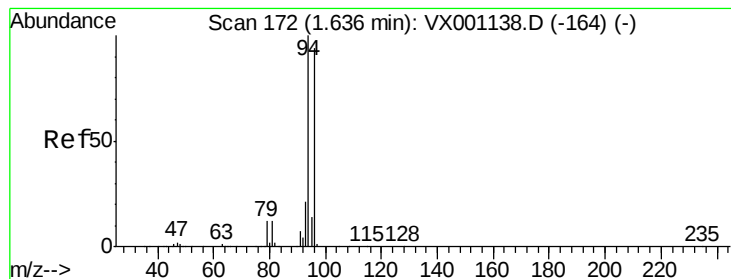
Tgt Ion: 50 Resp: 95160
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 48.304 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 62 Resp: 104191
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4





#5

Bromomethane

Concen: 68.563 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

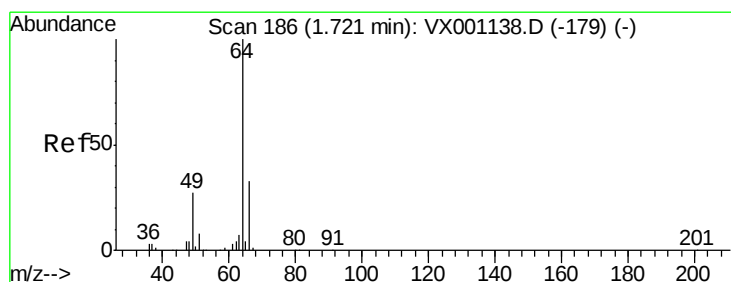
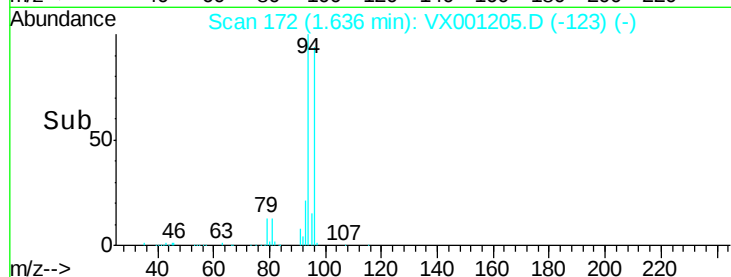
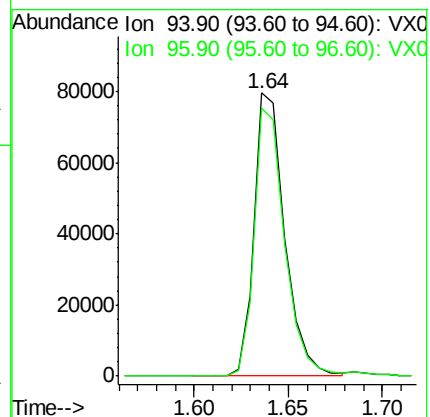
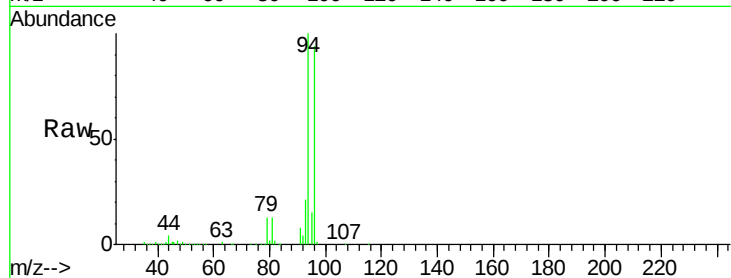
VSTDCCC050EC

Tgt Ion: 94 Resp: 89351

Ion Ratio Lower Upper

94 100

96 94.5 75.3 112.9



#6

Chloroethane

Concen: 50.090 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001205.D

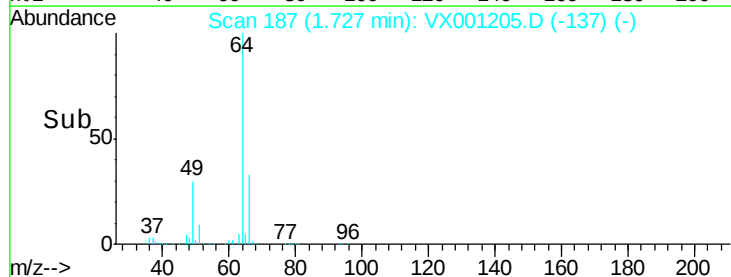
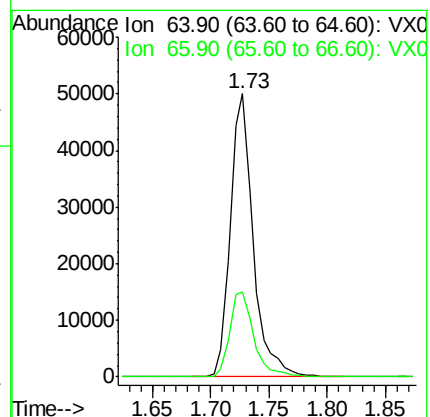
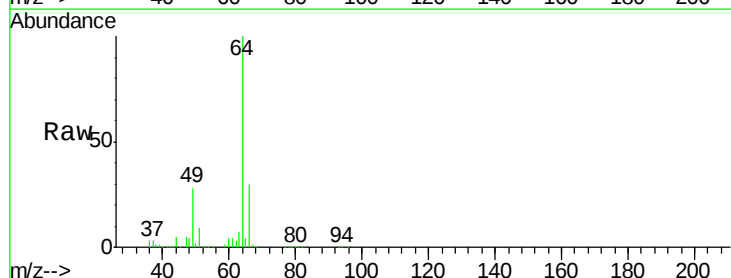
Acq: 28 Apr 2018 06:57

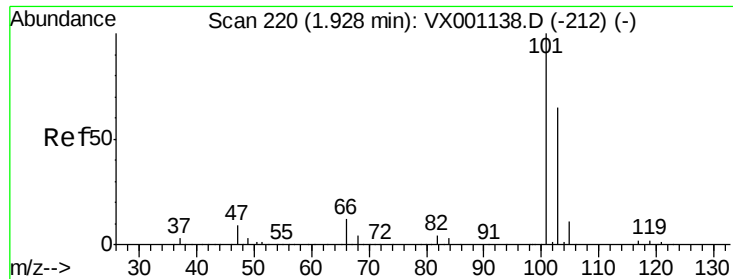
Tgt Ion: 64 Resp: 68005

Ion Ratio Lower Upper

64 100

66 30.0 26.1 39.1



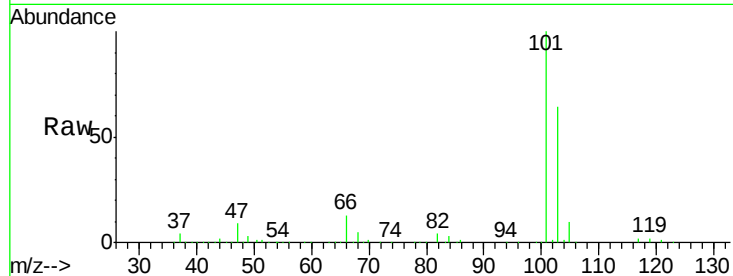


#7

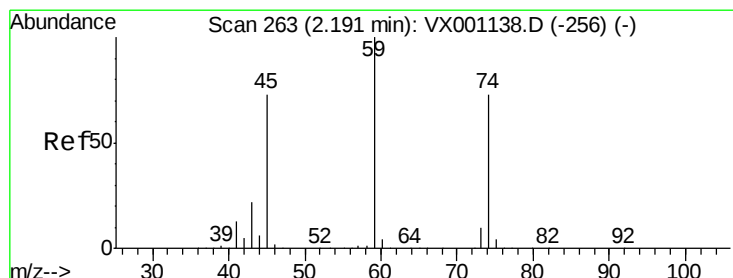
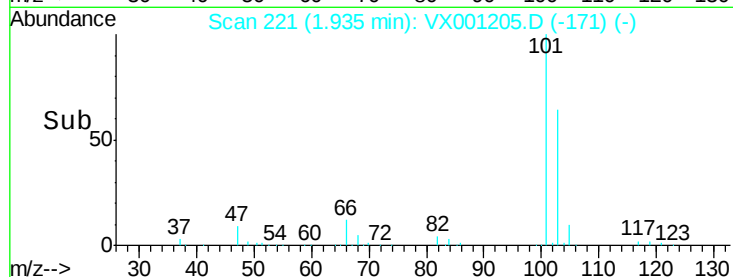
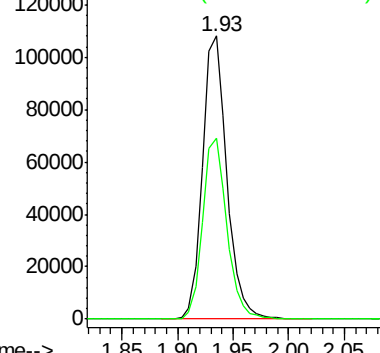
Trichlorofluoromethane
 Concen: 46.858 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 101 Resp: 163229
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.9 77.9



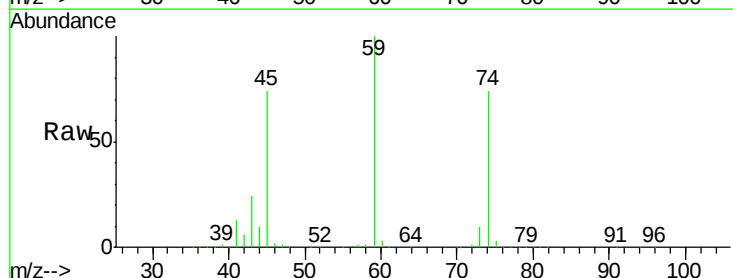
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



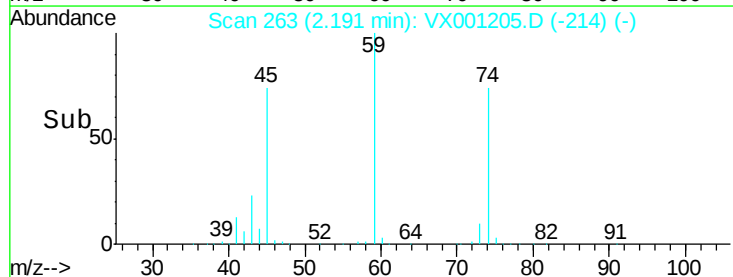
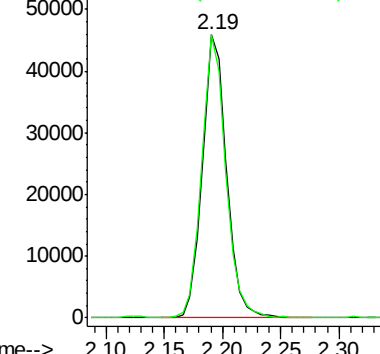
#8

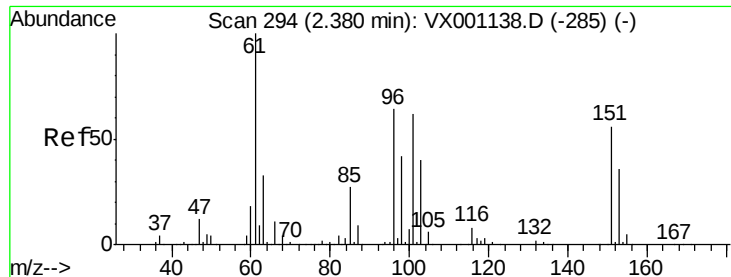
Diethyl Ether
 Concen: 49.482 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 74 Resp: 66276
 Ion Ratio Lower Upper
 74 100
 45 99.0 49.5 148.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.197 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

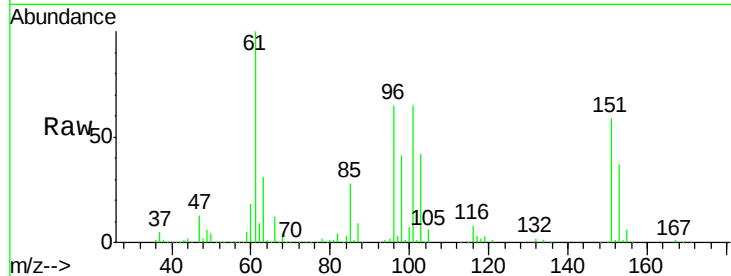
Tgt Ion:101 Resp: 80991

Ion Ratio Lower Upper

101 100

85 44.4 35.4 53.0

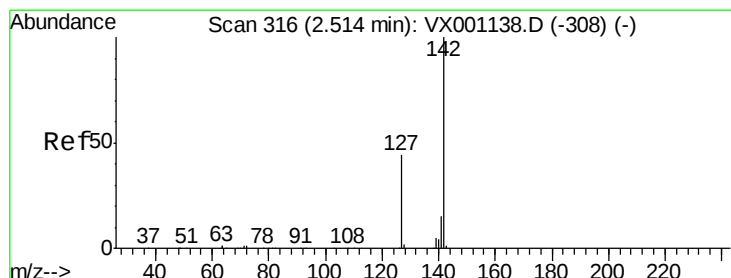
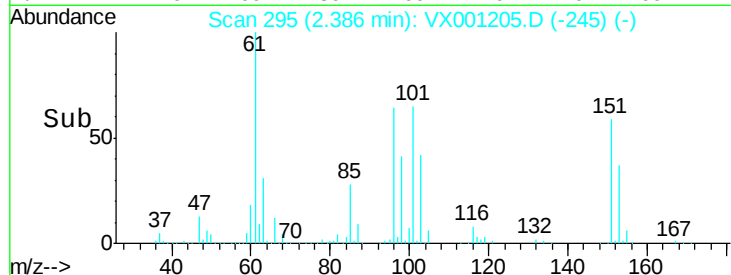
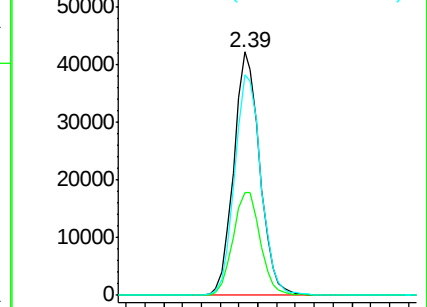
151 92.0 74.2 111.4



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: 39.584 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

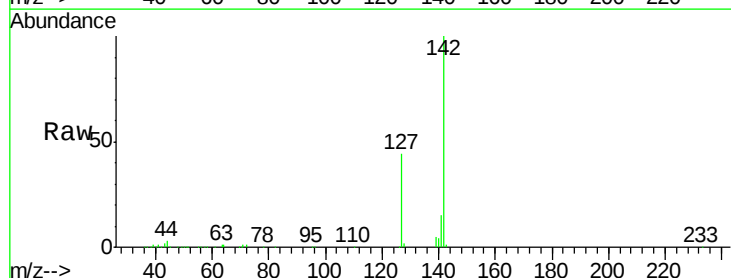
Tgt Ion:142 Resp: 75471

Ion Ratio Lower Upper

142 100

127 45.0 34.7 52.1

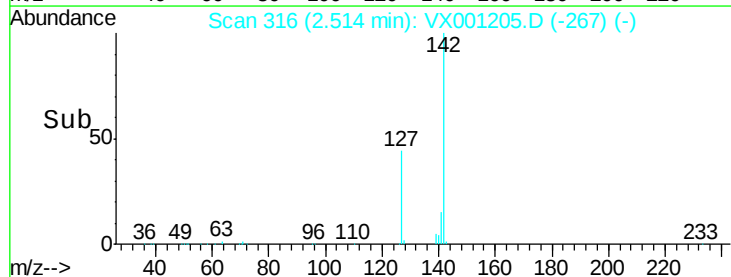
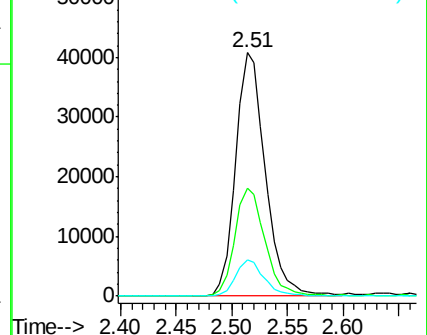
141 14.7 11.6 17.4

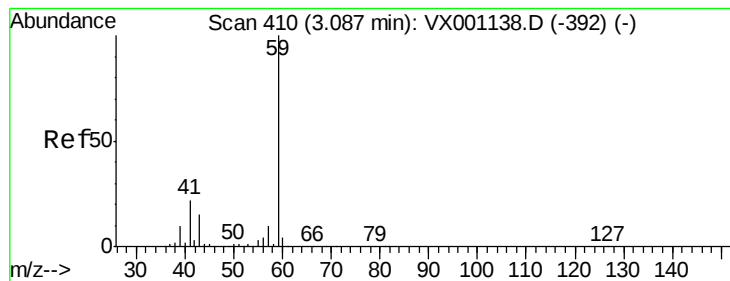


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



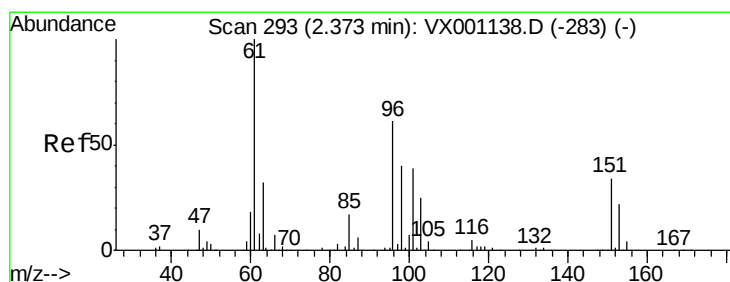
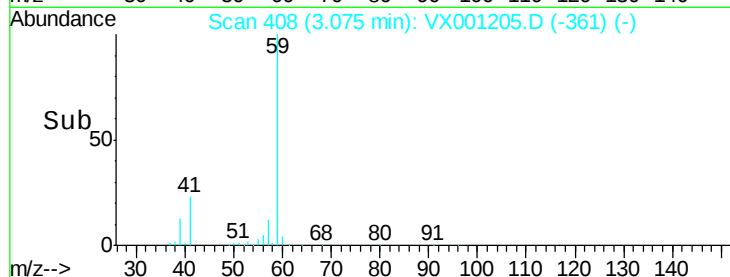
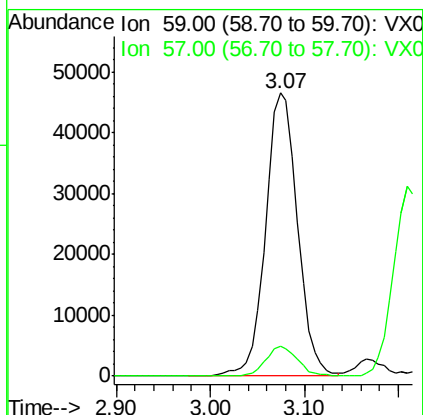
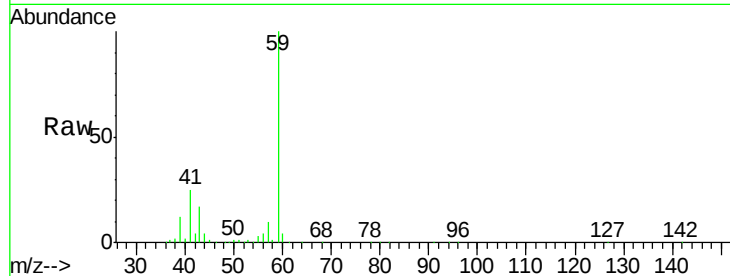


#11

Tert butyl alcohol
Concen: 195.379 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

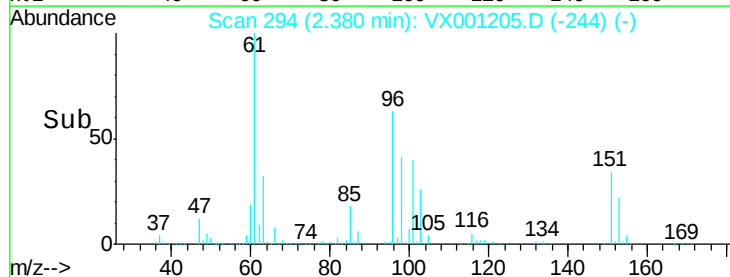
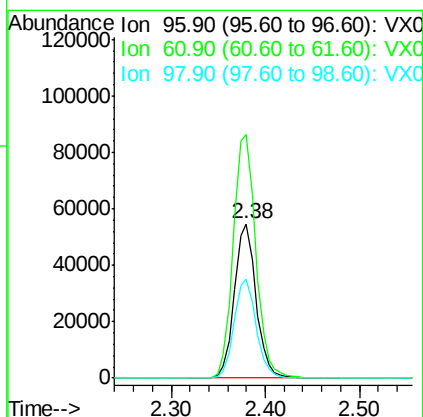
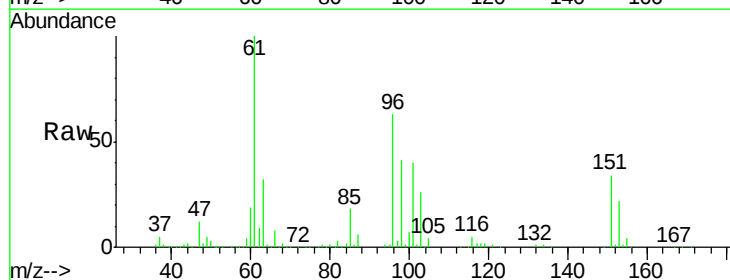
Tgt Ion: 59 Resp: 110551
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

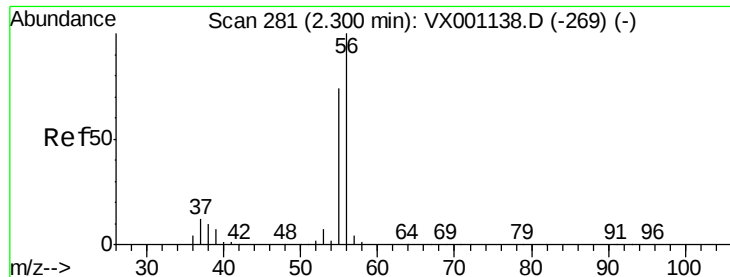


#12

1,1-Dichloroethene
Concen: 46.871 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 96 Resp: 87736
Ion Ratio Lower Upper
96 100
61 157.6 130.2 195.4
98 64.0 51.5 77.3





#13

Acrolein

Concen: 171.973 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

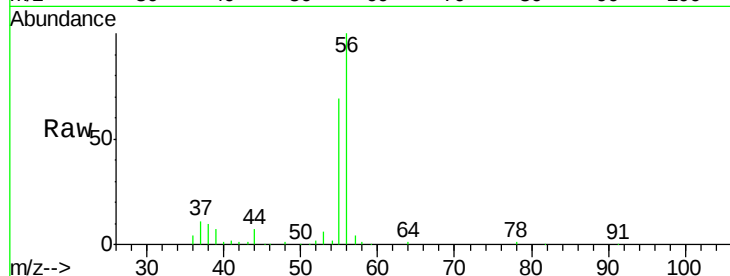
VSTDCCC050EC

Tgt Ion: 56 Resp: 36786

Ion Ratio Lower Upper

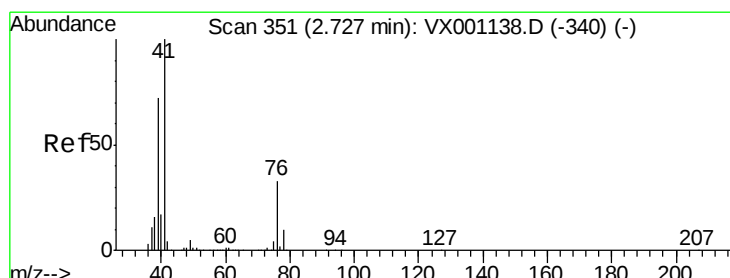
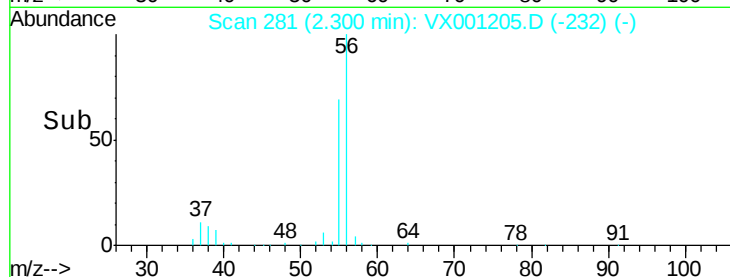
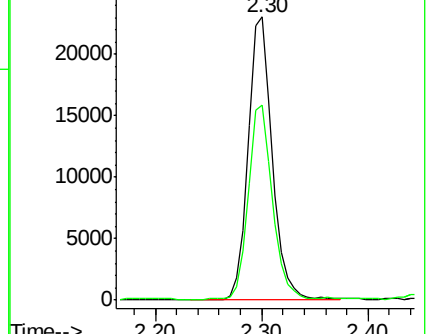
56 100

55 69.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.167 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

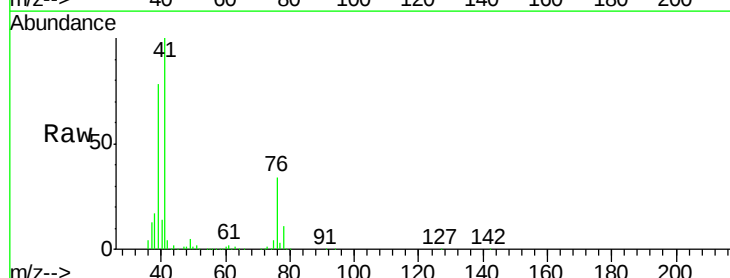
Tgt Ion: 41 Resp: 164471

Ion Ratio Lower Upper

41 100

39 73.1 55.6 83.4

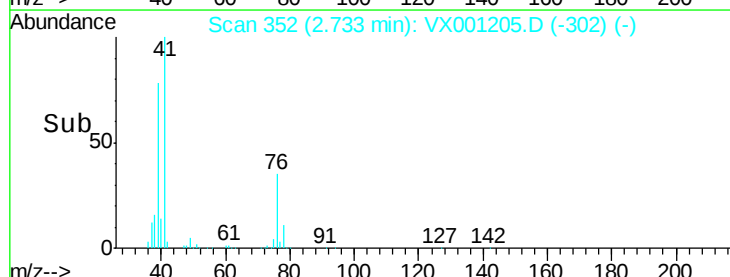
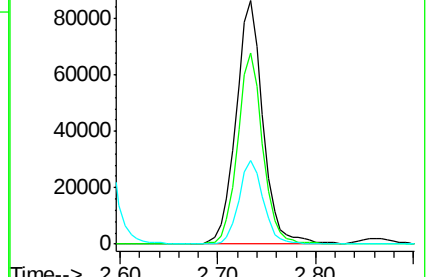
76 31.5 24.8 37.2

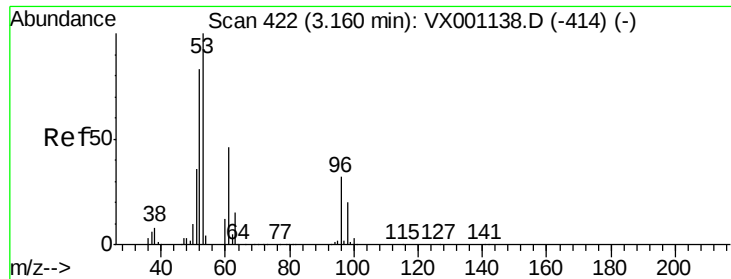


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 224.455 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

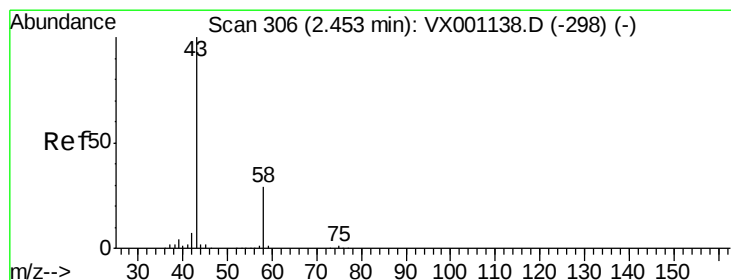
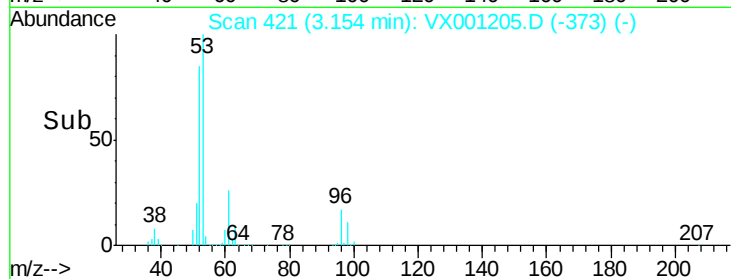
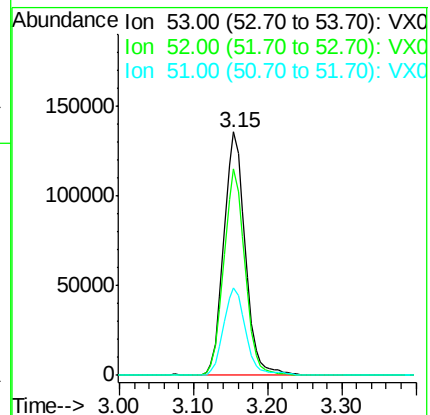
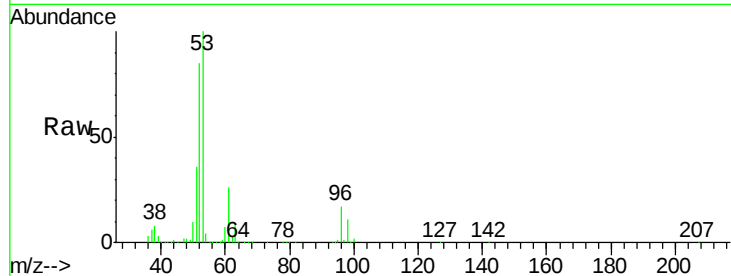
Tgt Ion: 53 Resp: 271206

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 37.4 29.5 44.3



#16

Acetone

Concen: 203.356 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001205.D

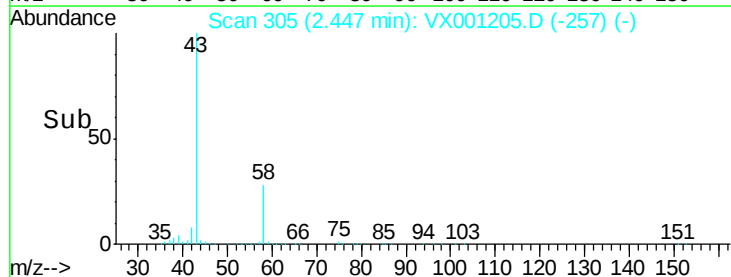
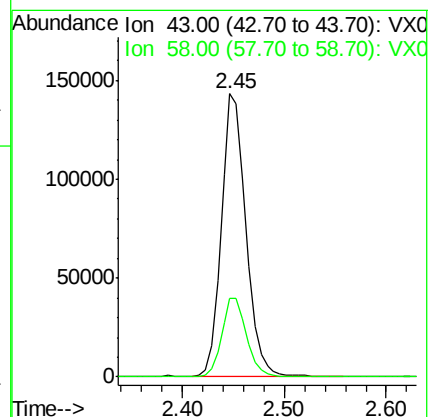
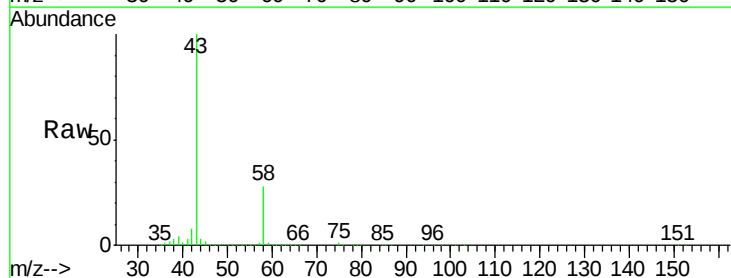
Acq: 28 Apr 2018 06:57

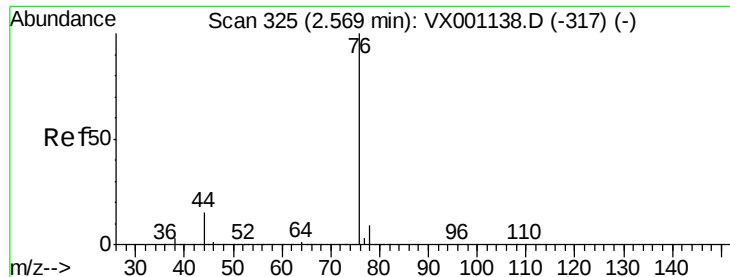
Tgt Ion: 43 Resp: 239946

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.6

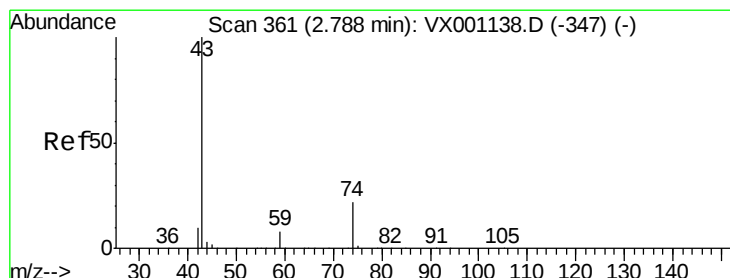
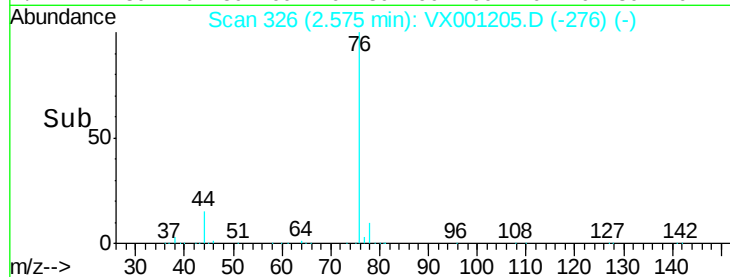
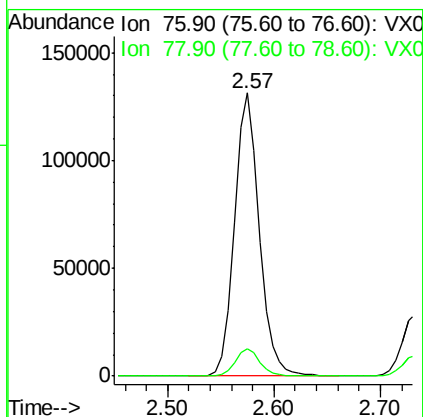
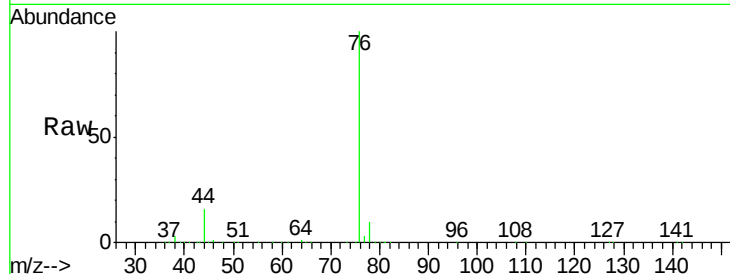




#17
Carbon Disulfide
Concen: 44.874 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

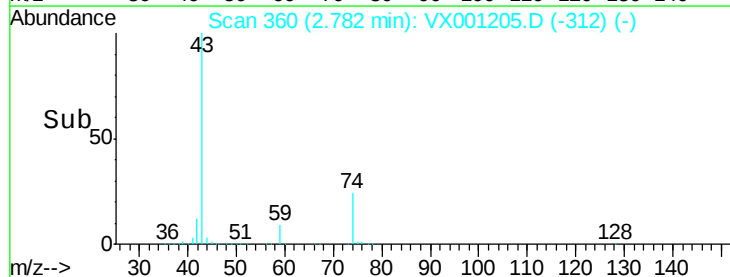
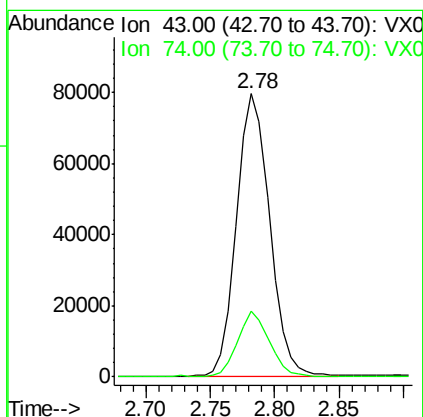
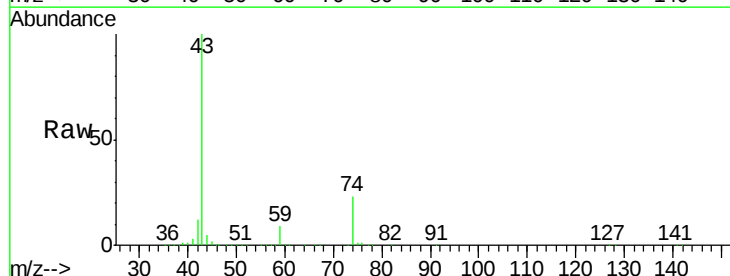
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

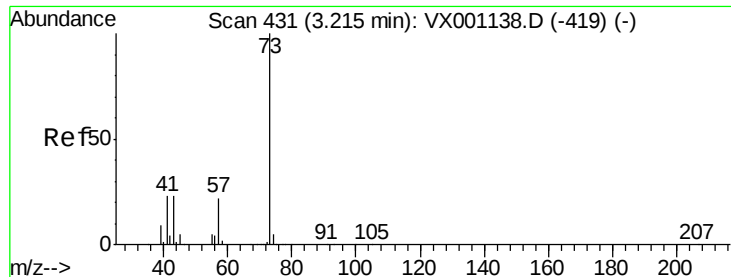
Tgt Ion: 76 Resp: 214320
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 48.065 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 43 Resp: 141915
Ion Ratio Lower Upper
43 100
74 21.9 18.1 27.1

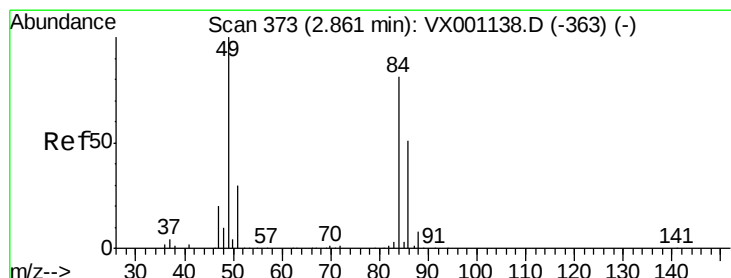
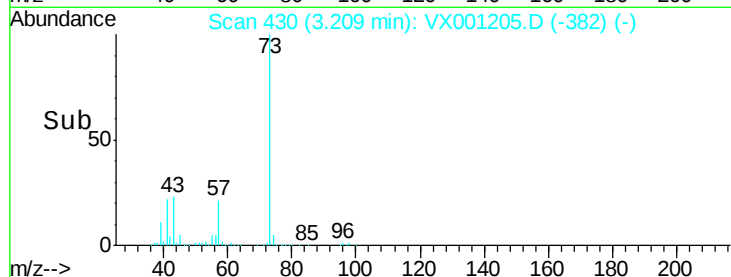
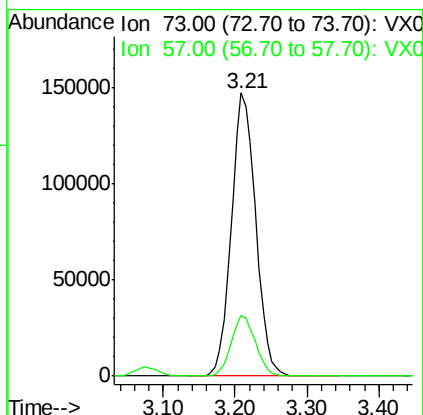
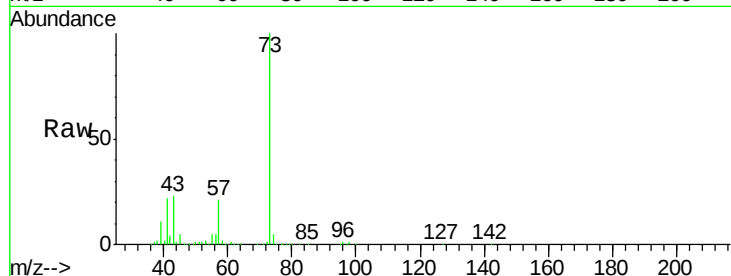




#19
Methyl tert-butyl Ether
Concen: 50.182 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

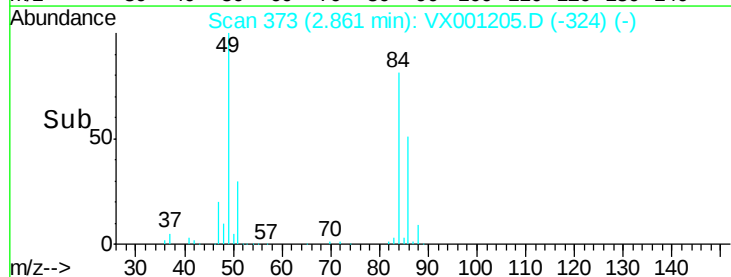
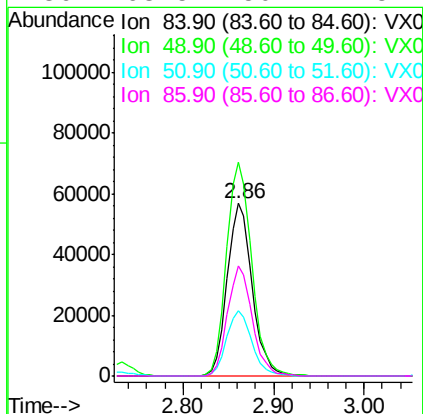
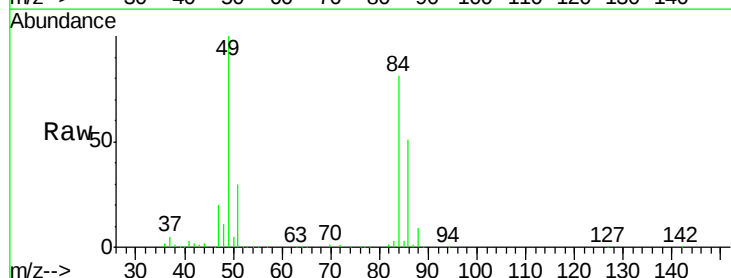
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

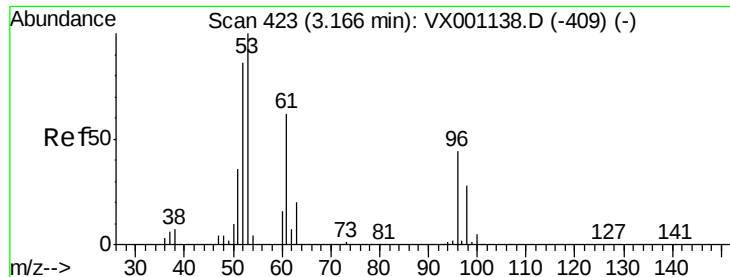
Tgt Ion: 73 Resp: 345782
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 49.155 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 84 Resp: 108021
Ion Ratio Lower Upper
84 100
49 123.7 99.2 148.8
51 37.7 29.5 44.3
86 63.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.846 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

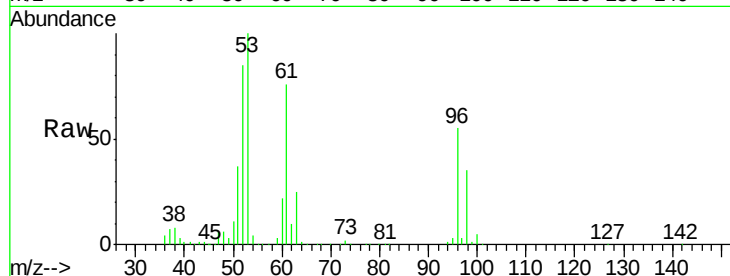
Tgt Ion: 96 Resp: 99002

Ion Ratio Lower Upper

96 100

61 138.2 111.9 167.9

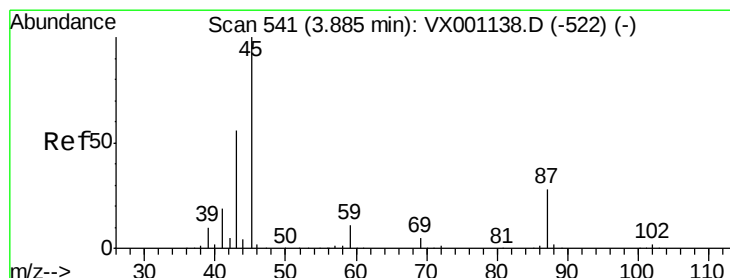
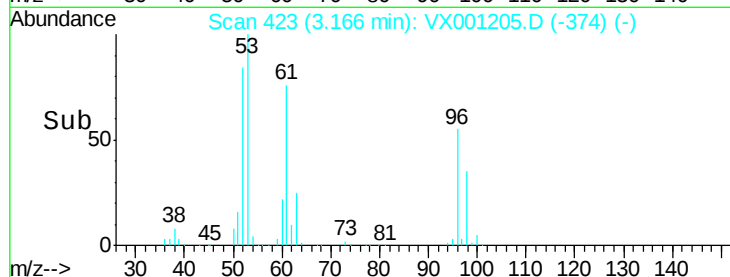
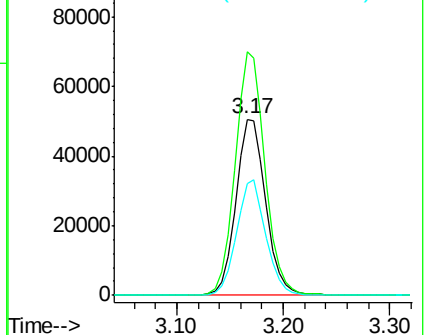
98 63.5 51.1 76.7



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: 49.907 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion: 45 Resp: 340972

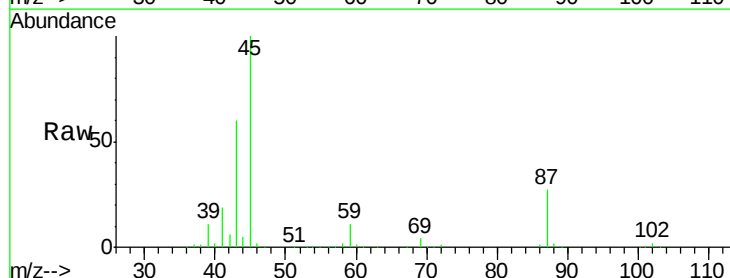
Ion Ratio Lower Upper

45 100

43 60.1 45.0 67.4

87 26.8 22.8 34.2

59 11.2 9.0 13.6

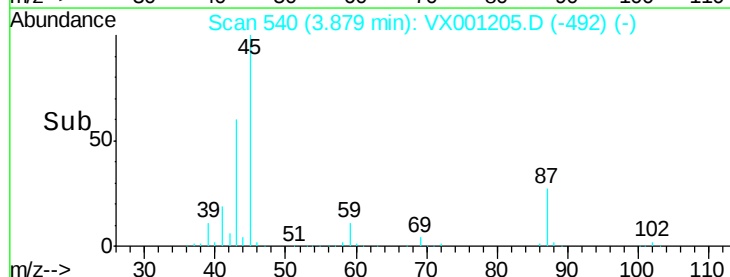
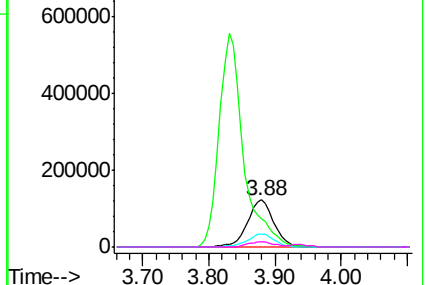


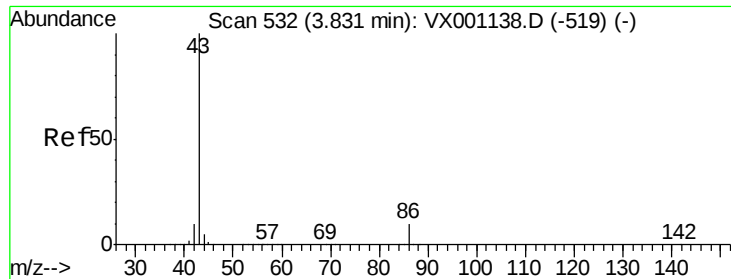
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

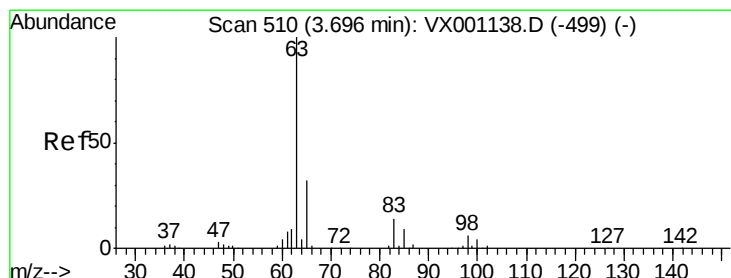
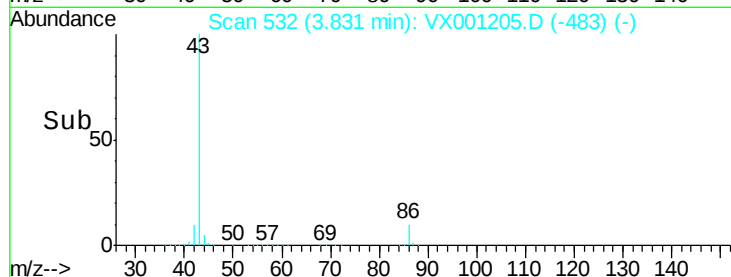
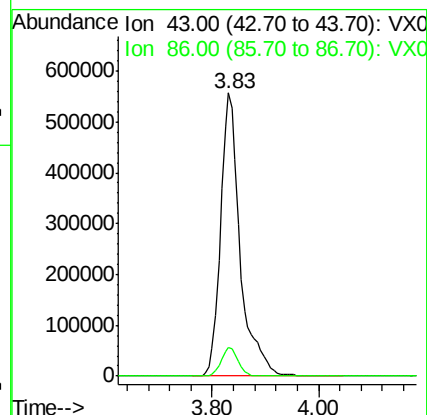
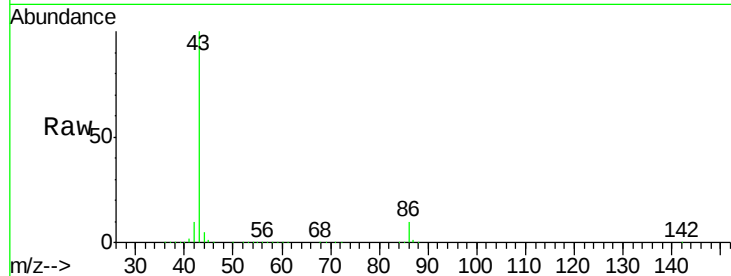




#23
 Vinyl Acetate
 Concen: 246.620 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

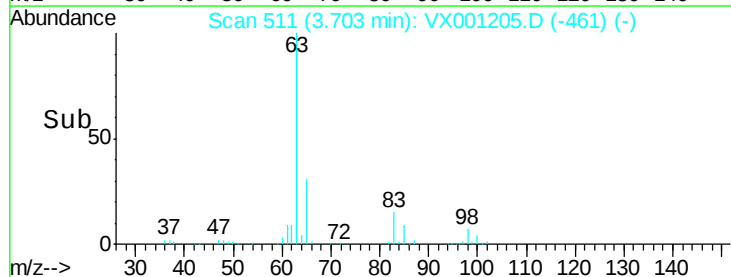
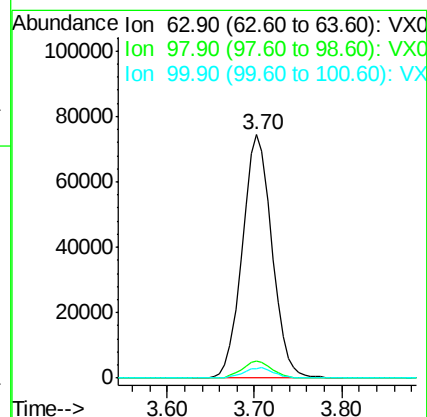
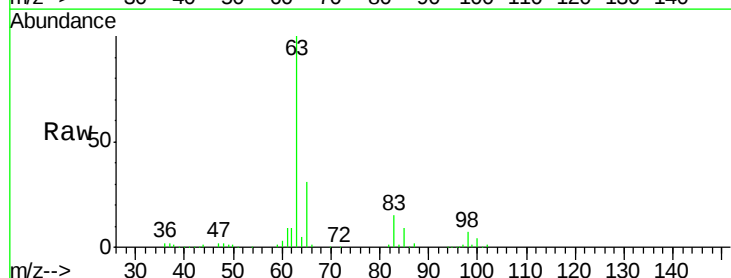
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

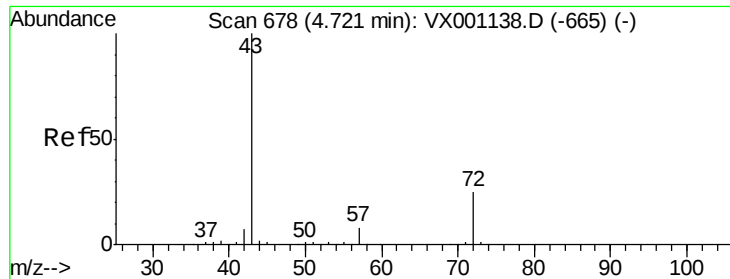
Tgt Ion: 43 Resp: 1429438
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.761 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 63 Resp: 175092
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 208.106 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

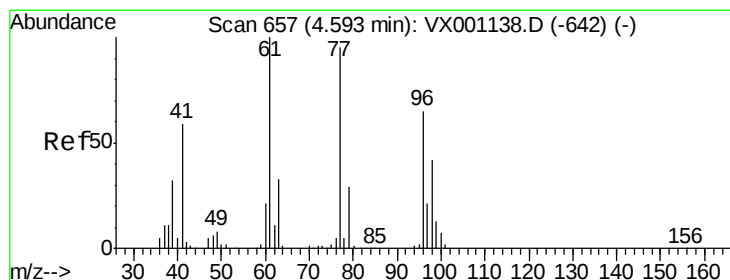
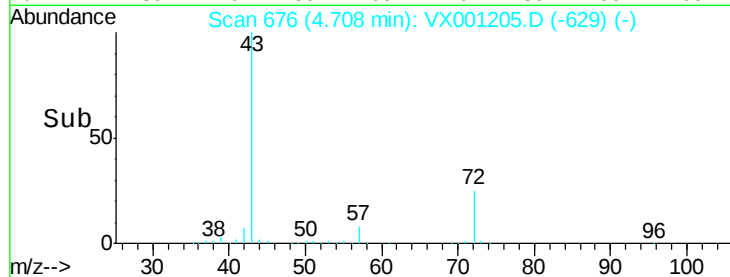
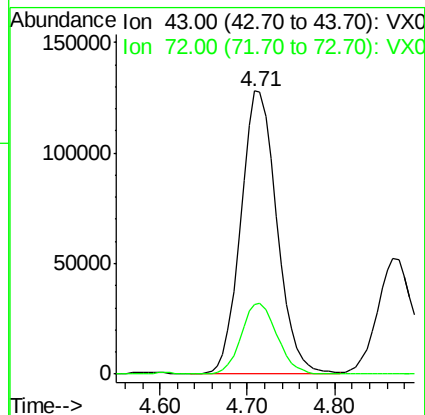
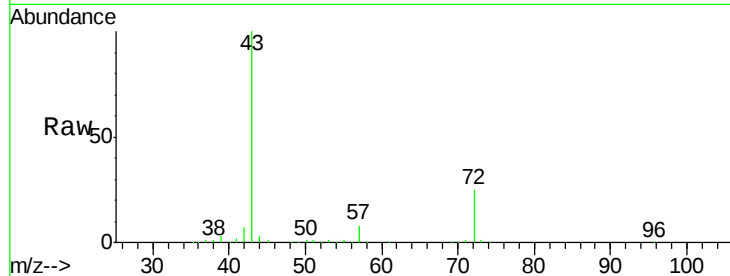
VSTDCCC050EC

Tgt Ion: 43 Resp: 367409

Ion Ratio Lower Upper

43 100

72 24.6 20.0 30.0



#26

2,2-Dichloropropane

Concen: 34.851 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001205.D

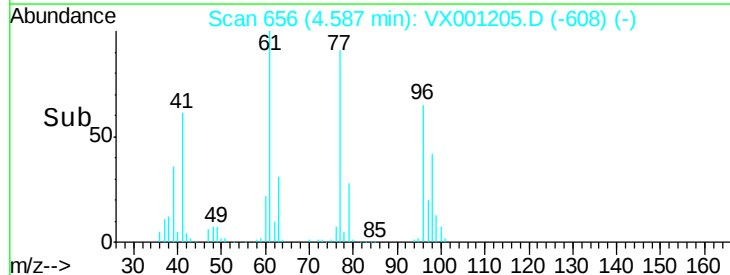
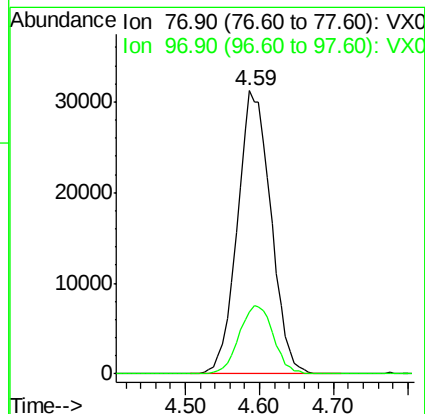
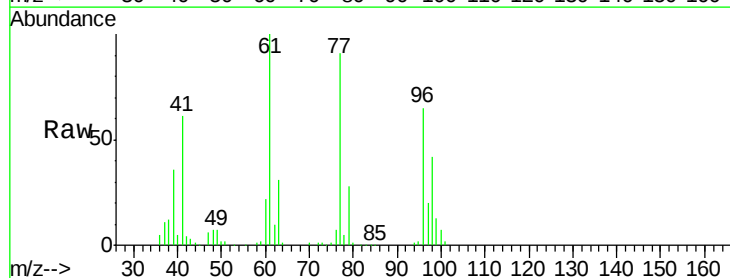
Acq: 28 Apr 2018 06:57

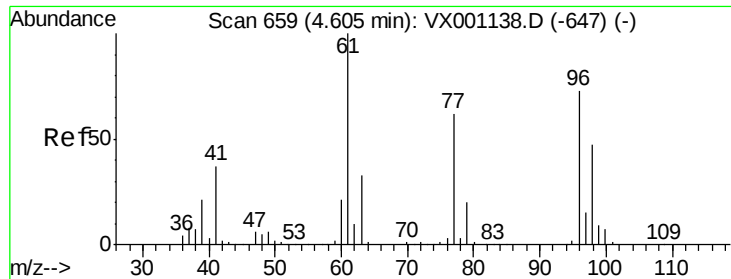
Tgt Ion: 77 Resp: 98502

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.2



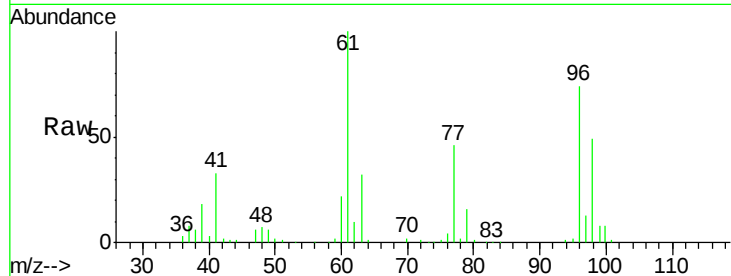


#27

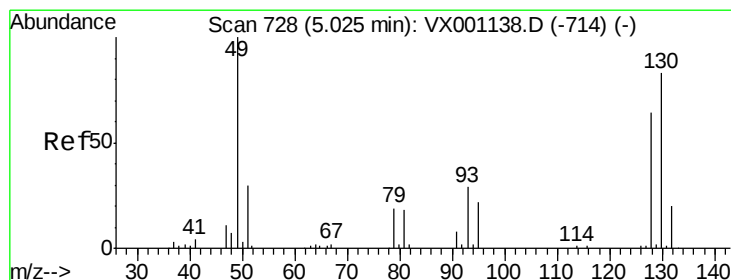
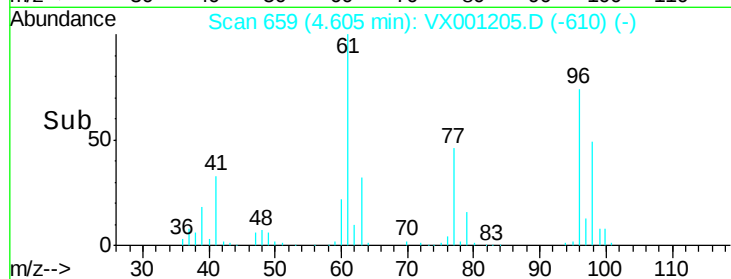
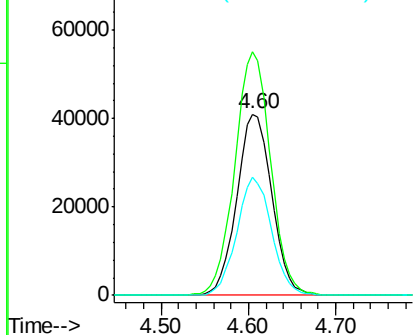
cis-1,2-Dichloroethene
Concen: 50.422 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 114234
Ion Ratio Lower Upper
96 100
61 137.3 0.0 289.0
98 64.9 0.0 128.2



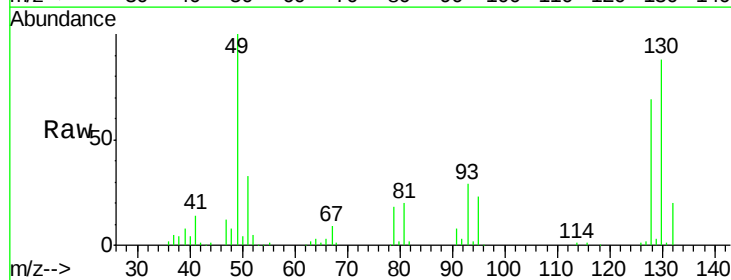
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



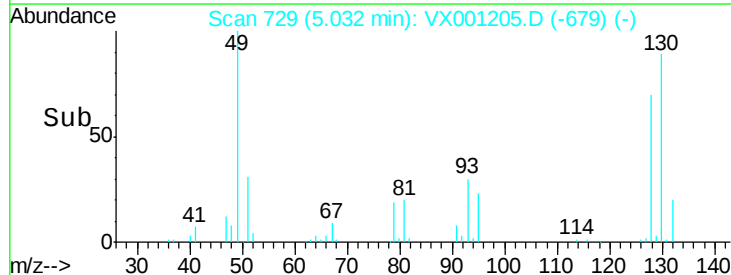
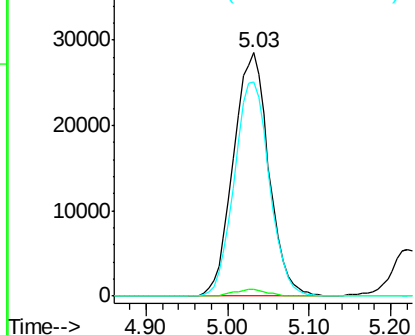
#28

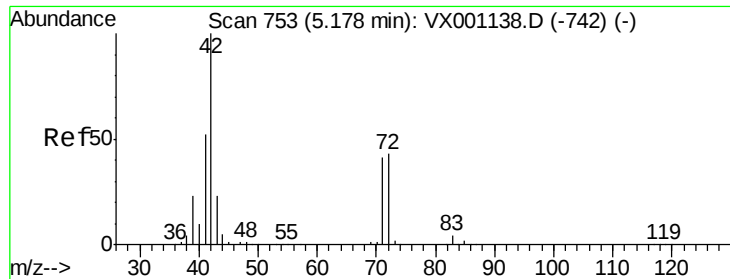
Bromochloromethane
Concen: 53.284 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 49 Resp: 85788
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 87.4 68.2 102.2



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

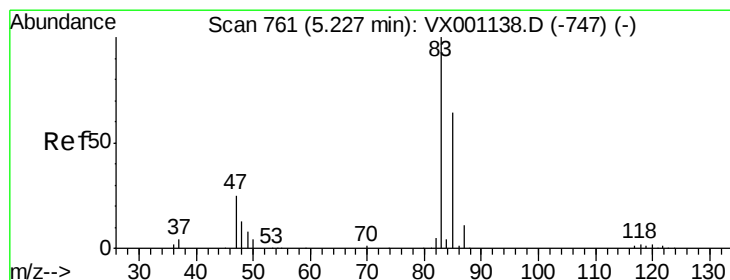
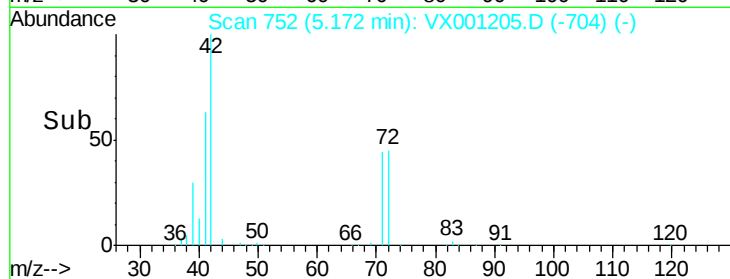
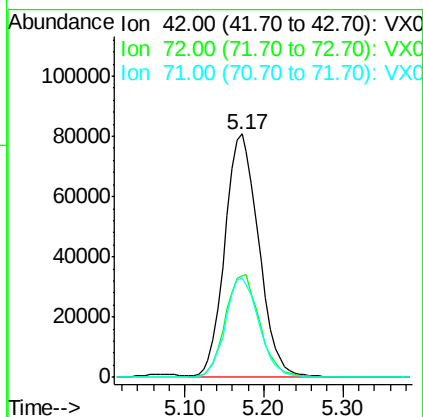
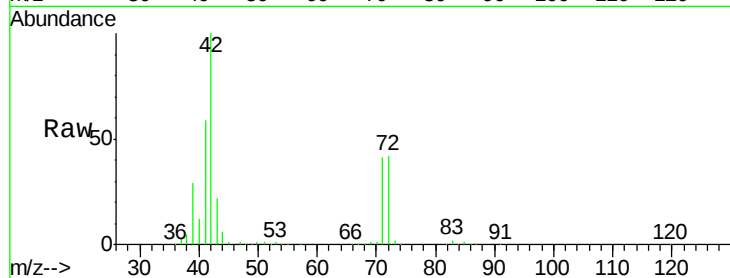




#29
Tetrahydrofuran
Concen: 211.437 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

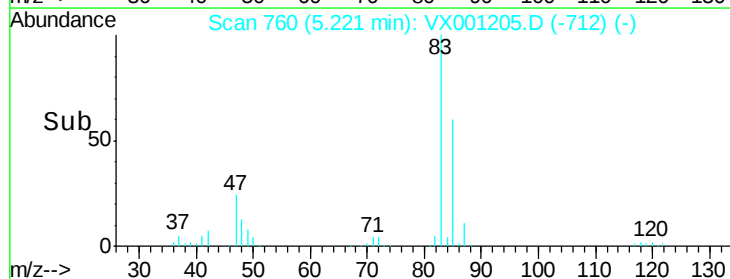
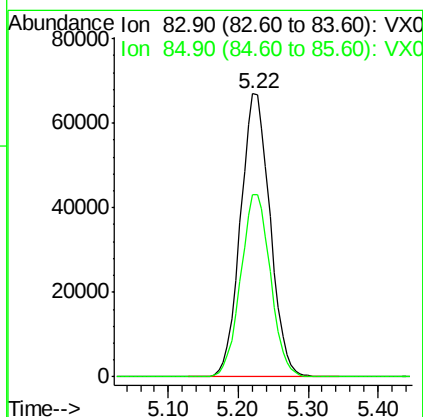
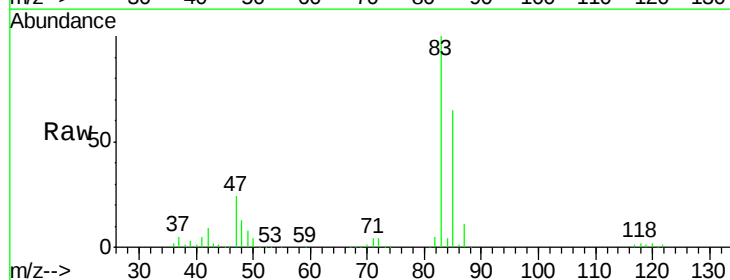
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

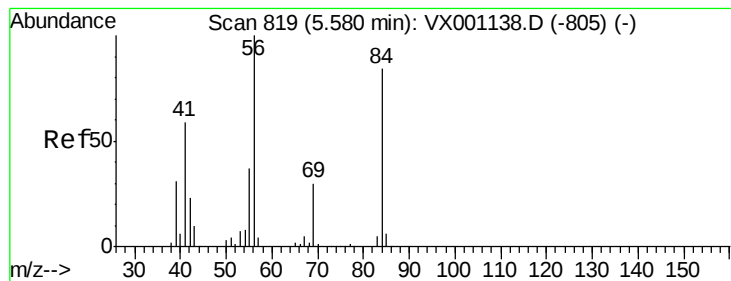
Tgt Ion: 42 Resp: 240009
Ion Ratio Lower Upper
42 100
72 43.3 34.4 51.6
71 40.8 32.1 48.1



#30
Chloroform
Concen: 51.455 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 83 Resp: 196483
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 39.876 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

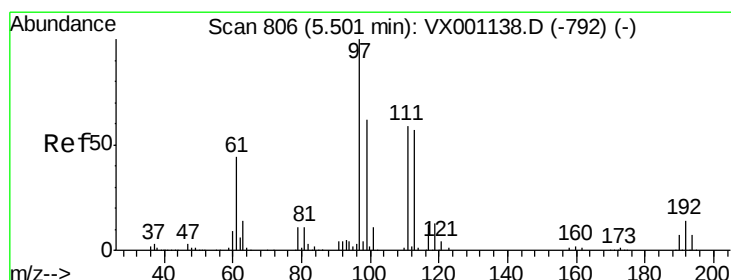
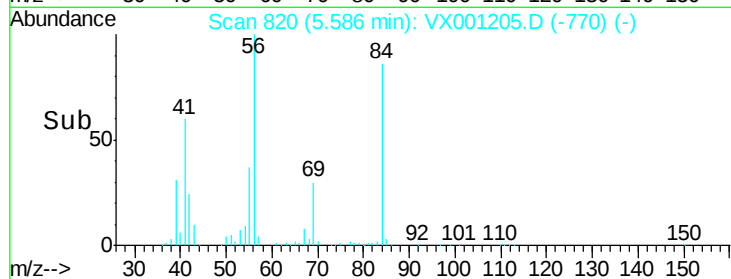
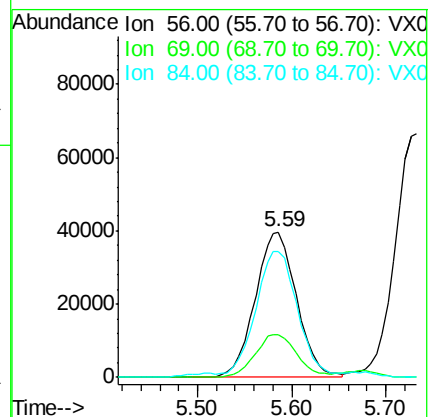
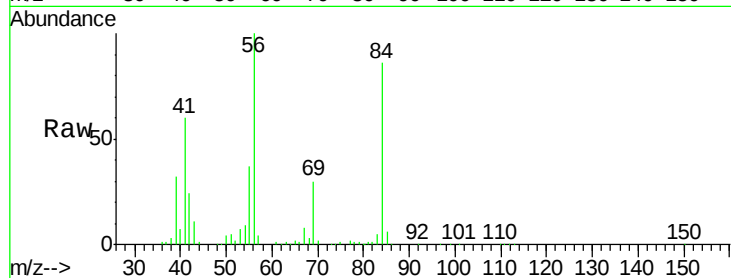
Tgt Ion: 56 Resp: 121653

Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.2

84 83.8 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 49.429 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

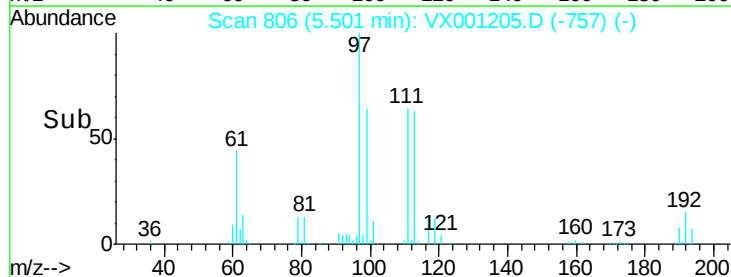
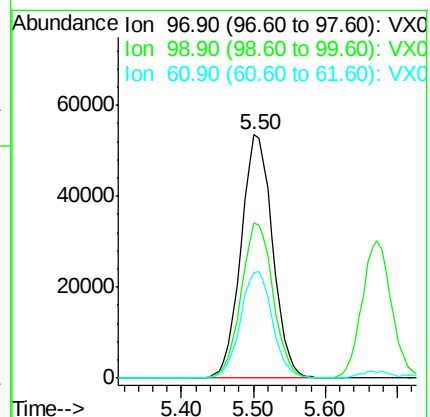
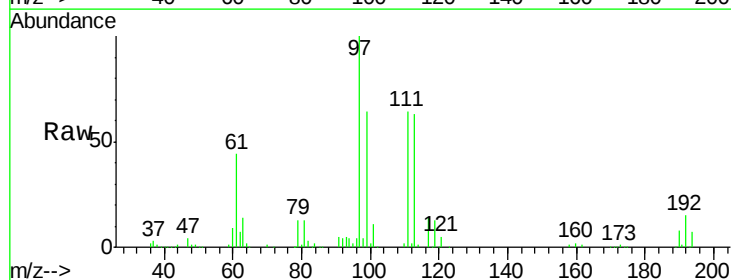
Tgt Ion: 97 Resp: 162933

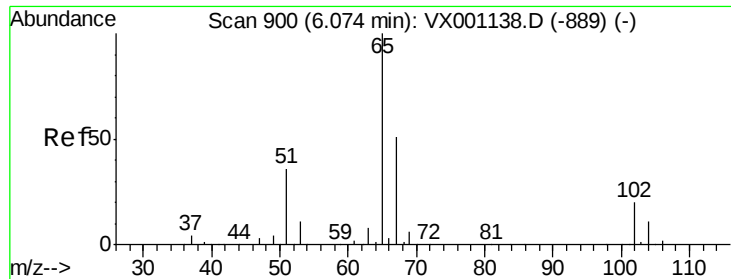
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 48.001 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

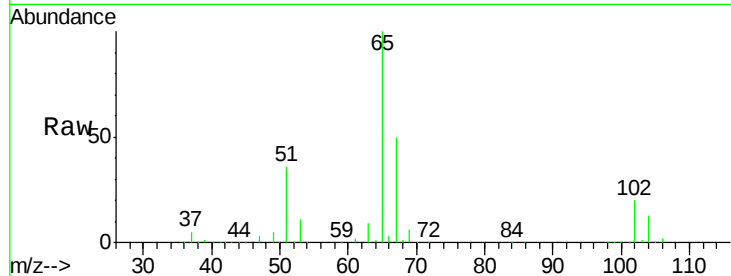
VSTDCCC050EC

Tgt Ion: 65 Resp: 137729

Ion Ratio Lower Upper

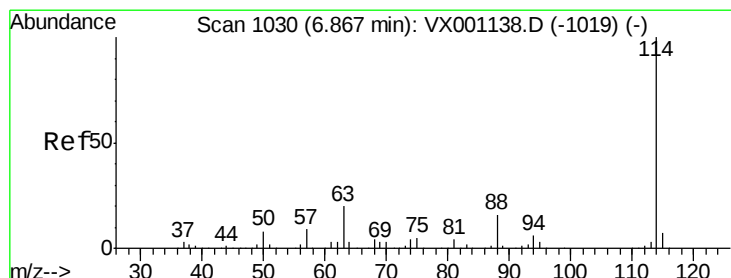
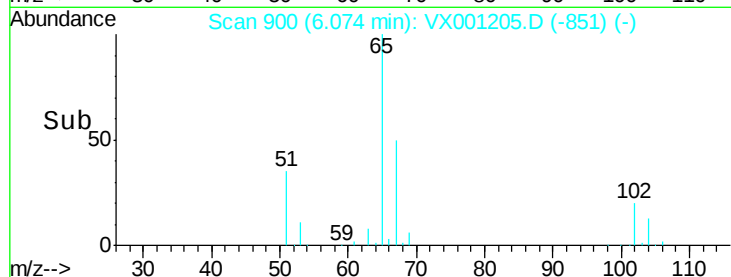
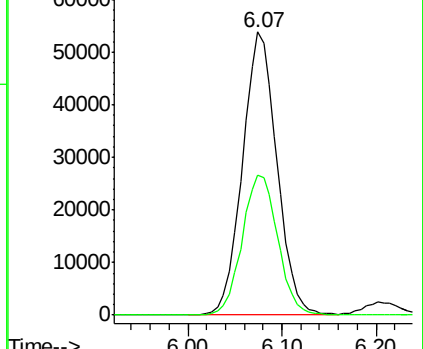
65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

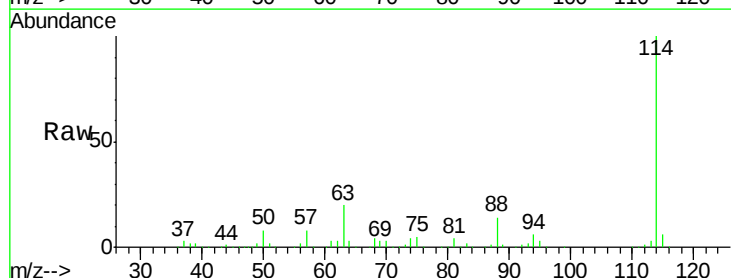
Tgt Ion: 114 Resp: 259758

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

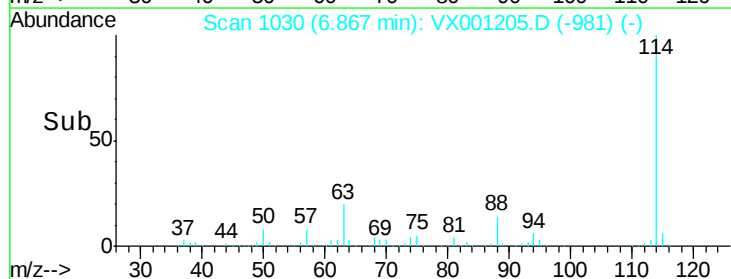
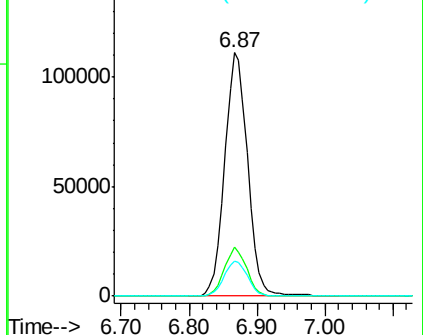
88 14.4 0.0 31.8

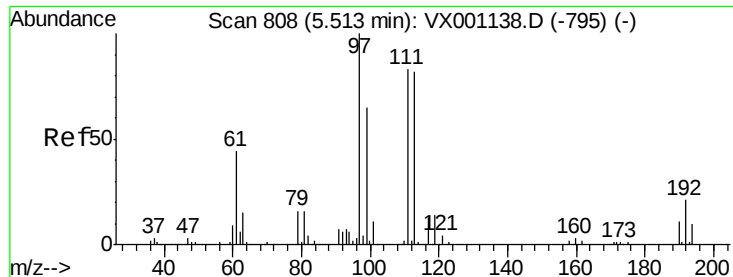


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

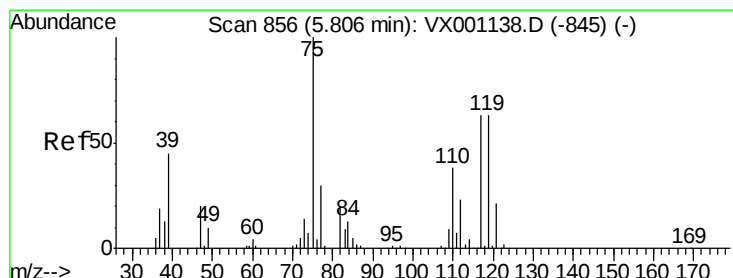
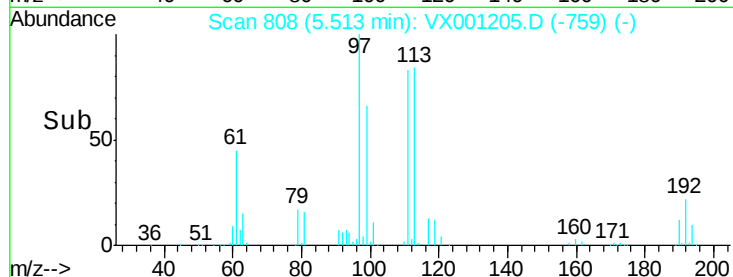
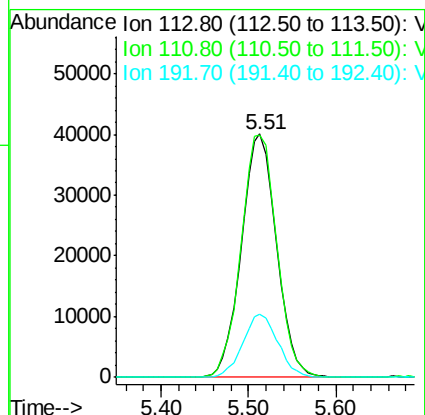
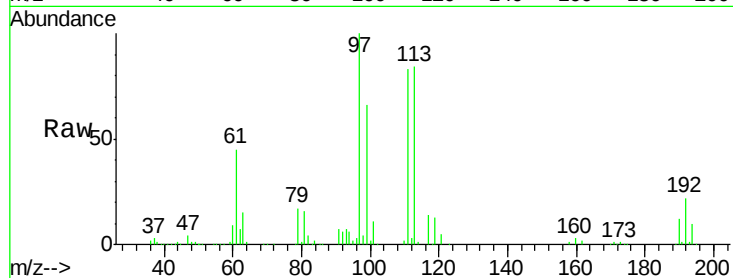




#35
 Dibromofluoromethane
 Concen: 52.071 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

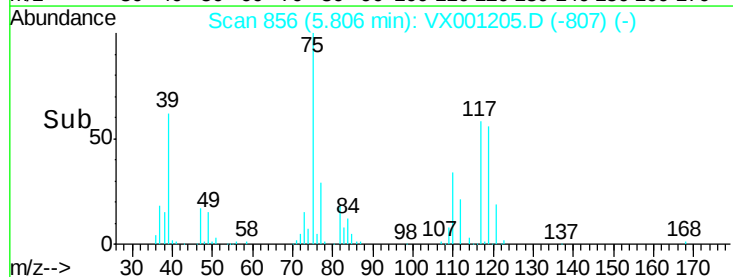
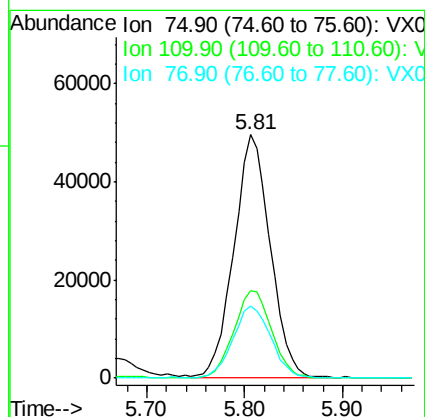
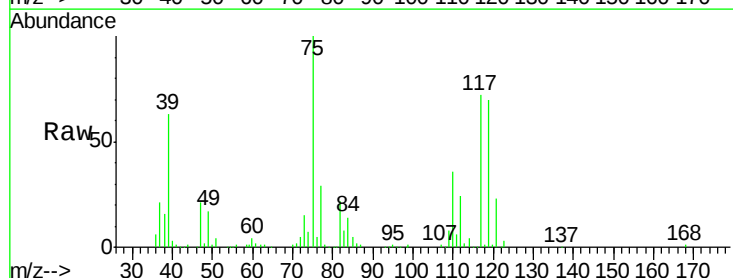
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

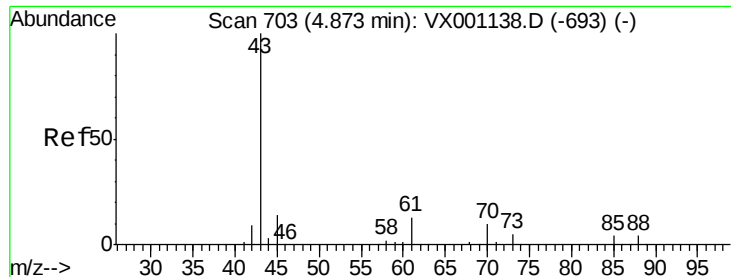
Tgt Ion:113 Resp: 111953
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 25.8 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 44.301 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 75 Resp: 126810
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.0 57.0
 77 31.4 24.8 37.2

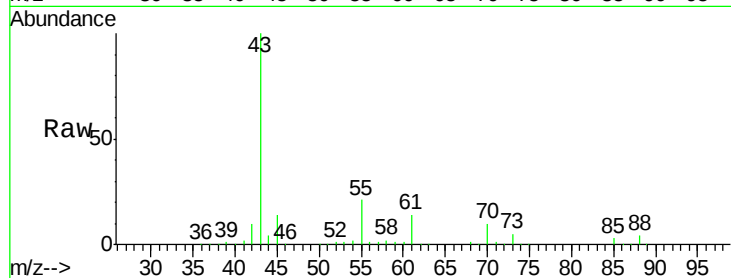




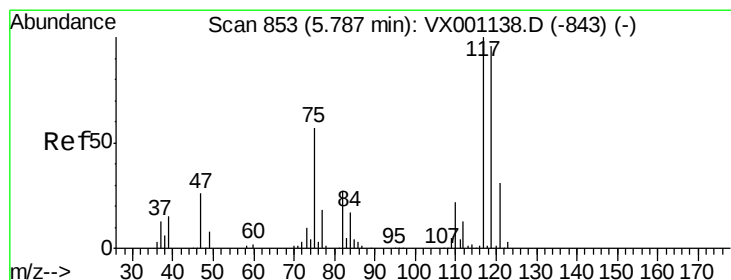
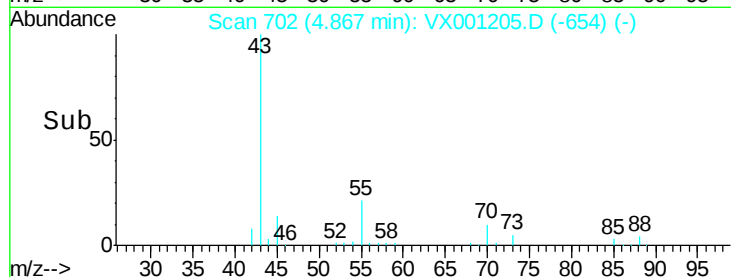
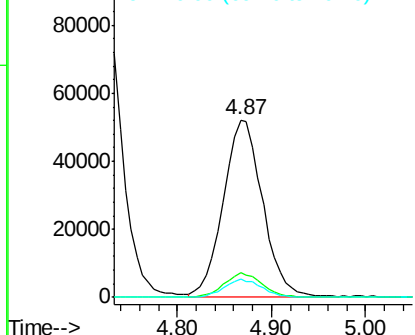
#37
Ethyl Acetate
Concen: 43.597 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 149447
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 9.9 8.2 12.2

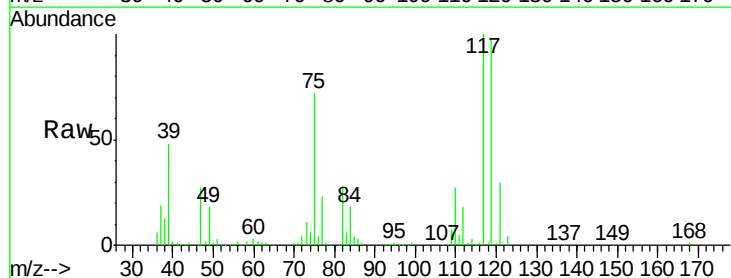


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

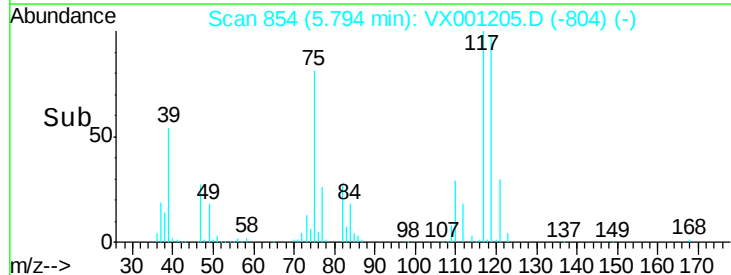
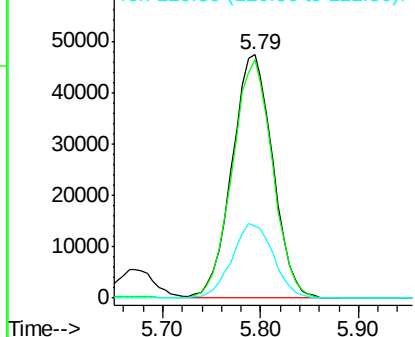


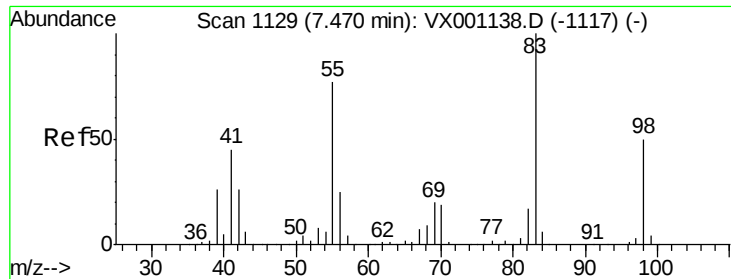
#38
Carbon Tetrachloride
Concen: 46.500 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 117 Resp: 136484
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7
121 29.9 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

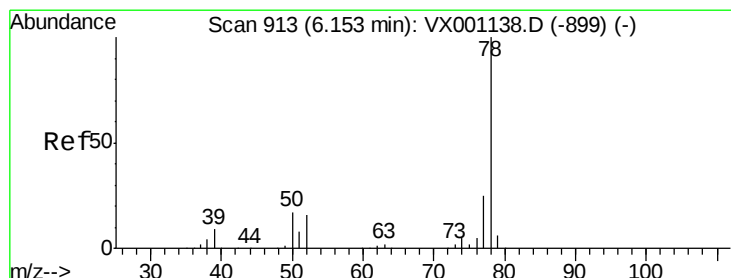
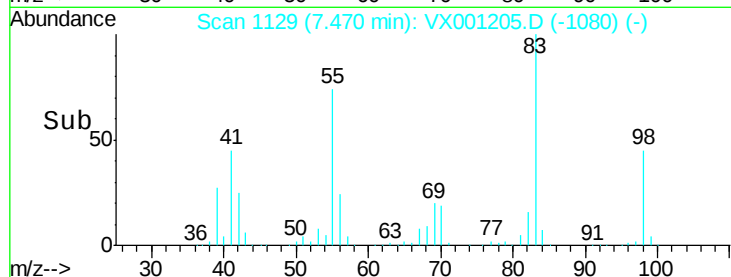
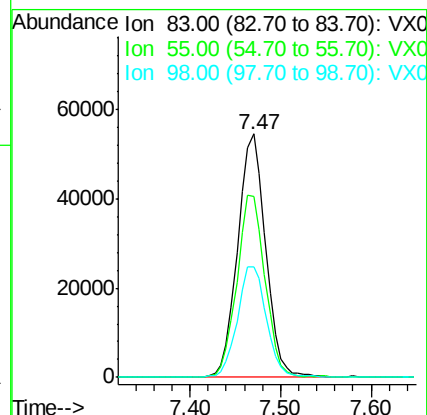
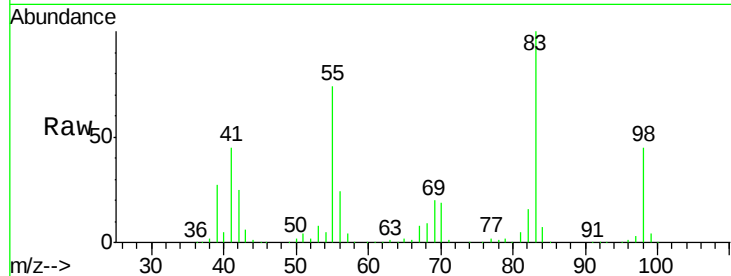




#39
Methylcyclohexane
Concen: 36.969 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

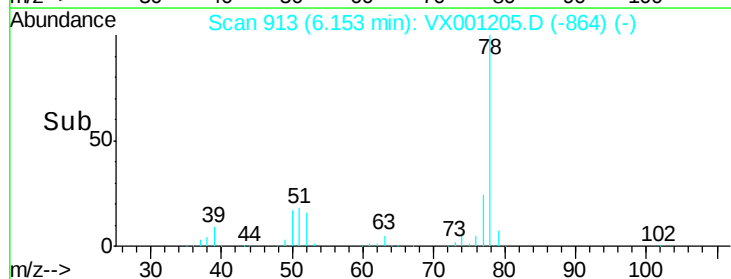
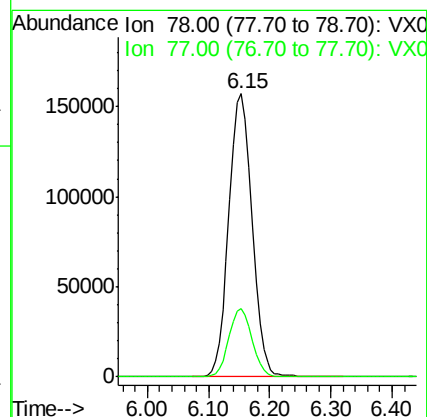
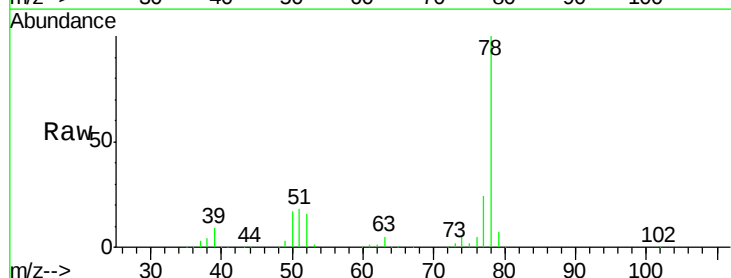
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

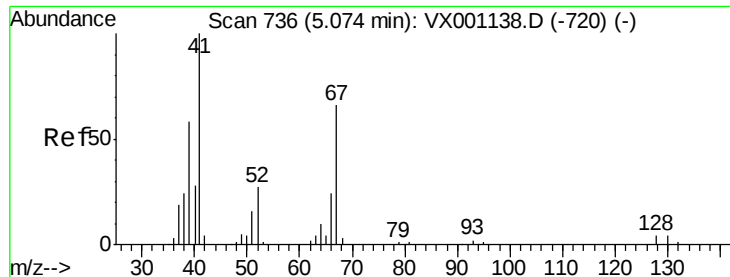
Tgt Ion: 83 Resp: 117118
Ion Ratio Lower Upper
83 100
55 74.0 61.8 92.6
98 45.3 40.0 60.0



#40
Benzene
Concen: 50.045 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 78 Resp: 414403
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5





#41

Methacrylonitrile

Concen: 45.091 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 86853

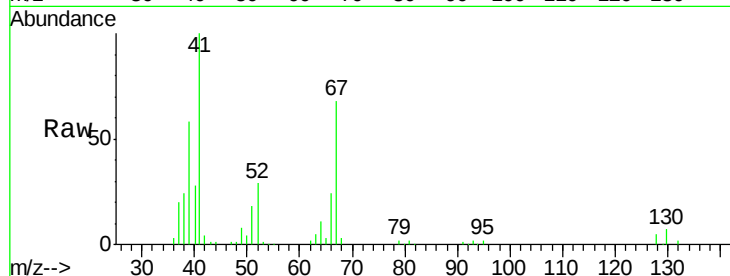
Ion Ratio Lower Upper

41 100

39 57.2 45.9 68.9

67 68.7 53.2 79.8

52 29.6 23.1 34.7

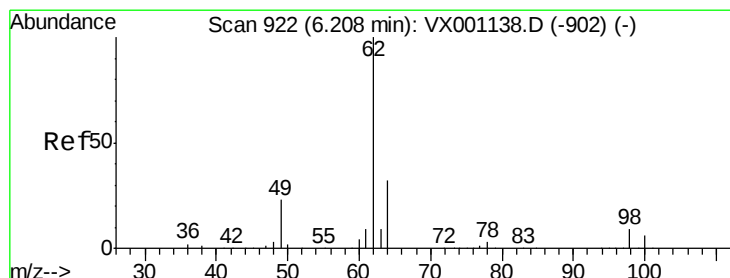
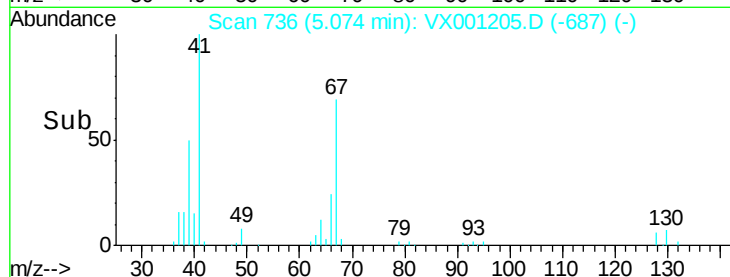
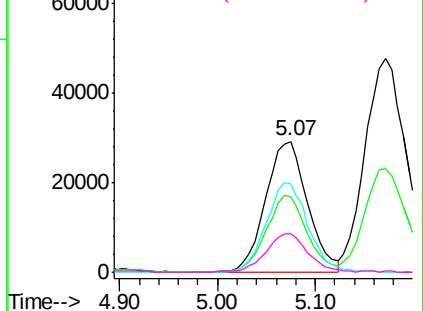


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.431 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX001205.D

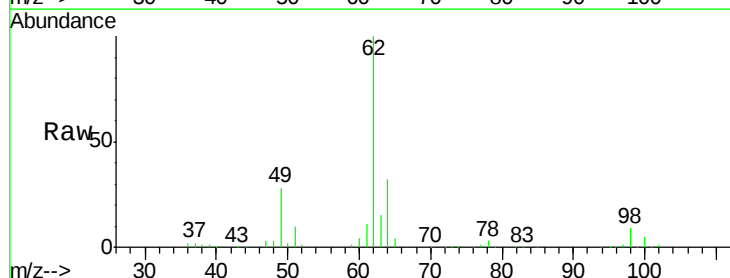
Acq: 28 Apr 2018 06:57

Tgt Ion: 62 Resp: 168276

Ion Ratio Lower Upper

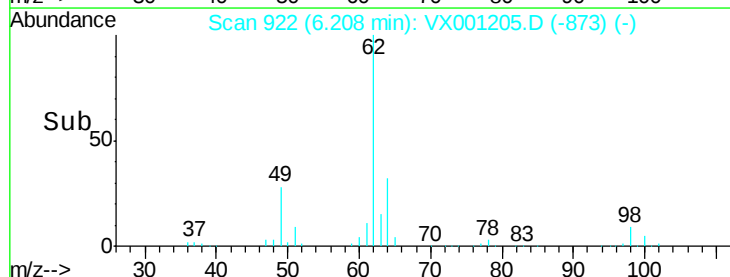
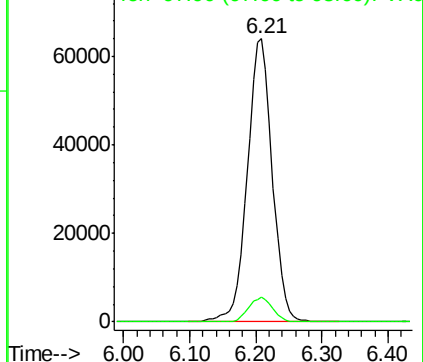
62 100

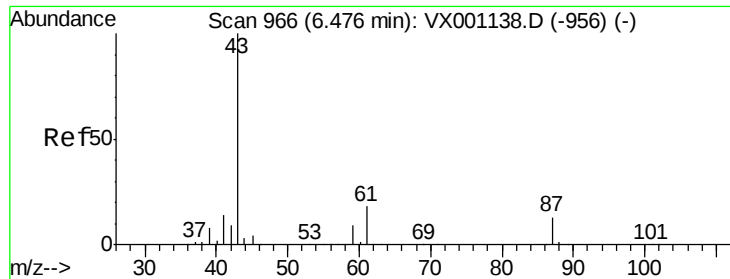
98 8.4 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

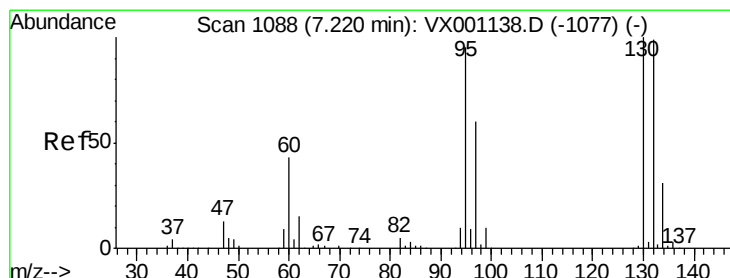
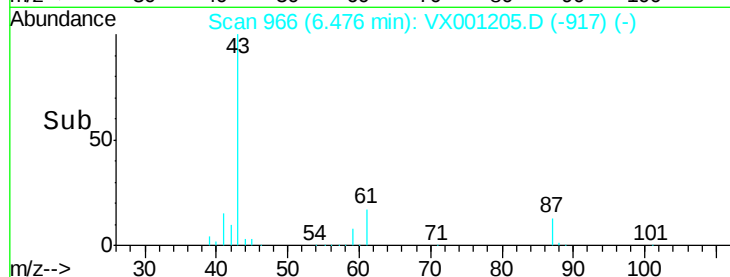
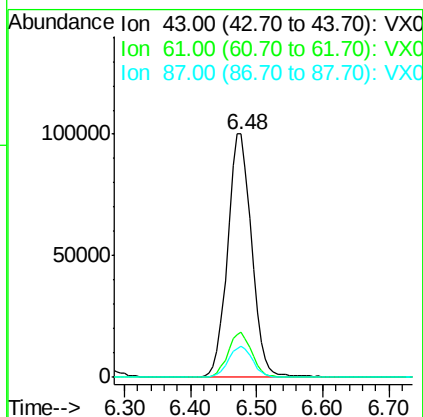
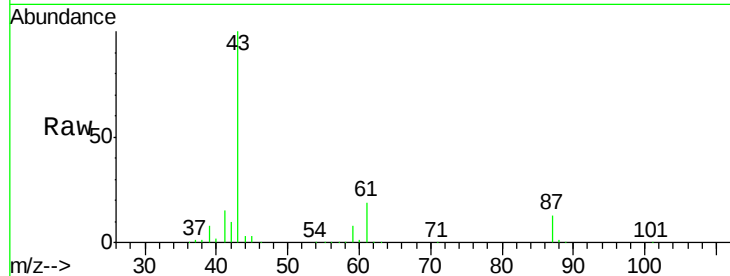




#43
Isopropyl Acetate
Concen: 46.836 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

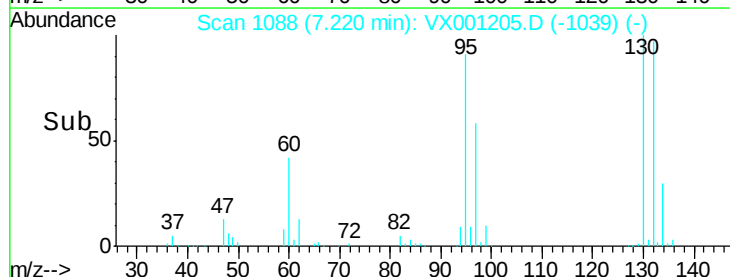
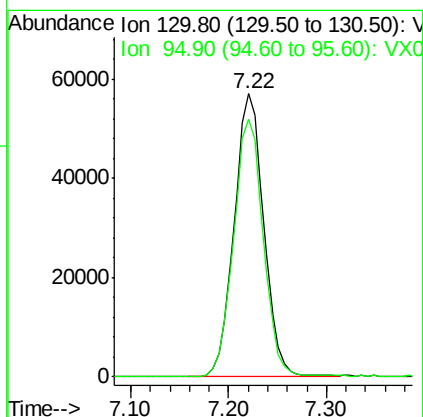
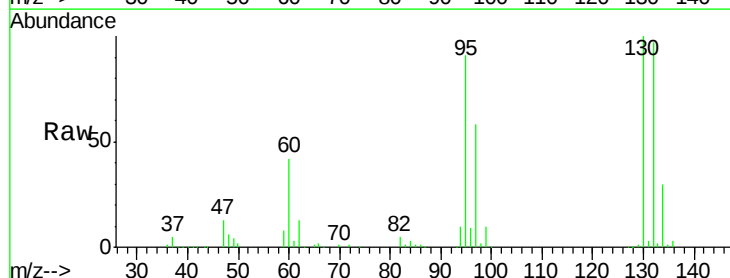
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

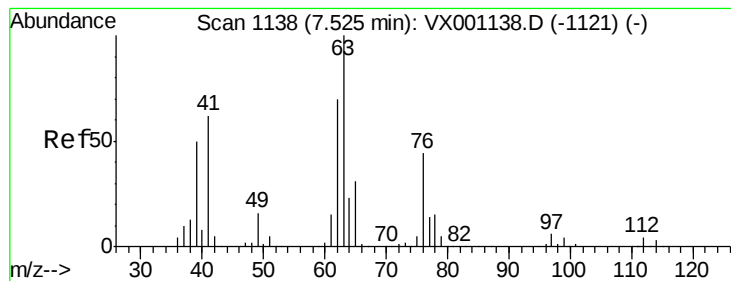
Tgt Ion: 43 Resp: 252141
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.6
87 12.8 10.3 15.5



#44
Trichloroethene
Concen: 48.731 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 130 Resp: 120212
Ion Ratio Lower Upper
130 100
95 91.0 0.0 189.6





#45

1,2-Dichloropropane

Concen: 49.978 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

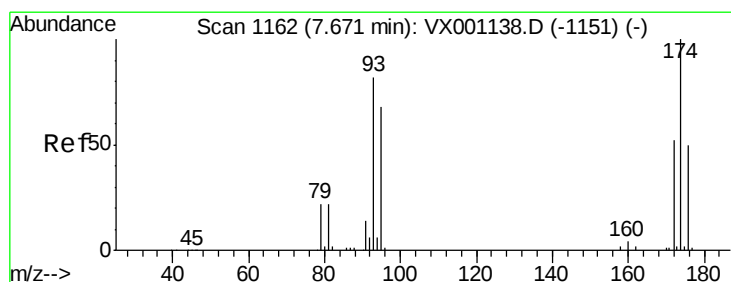
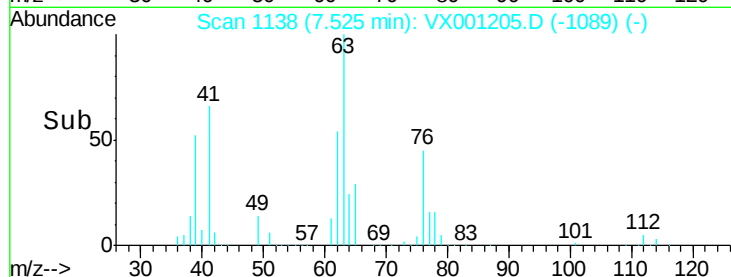
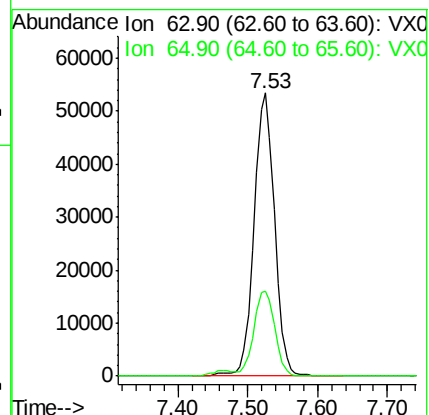
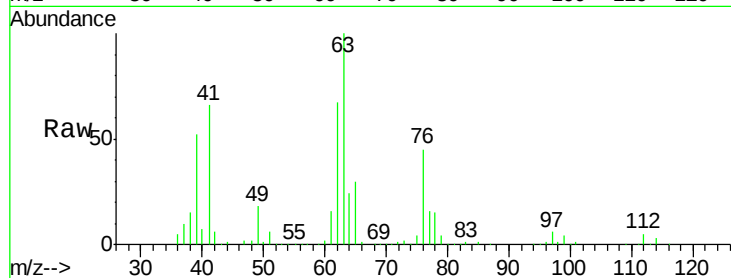
VSTDCCC050EC

Tgt Ion: 63 Resp: 108846

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 51.947 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

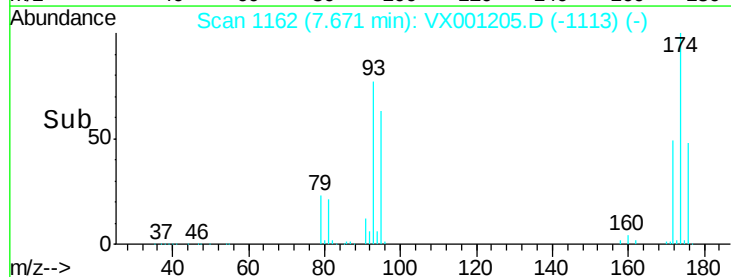
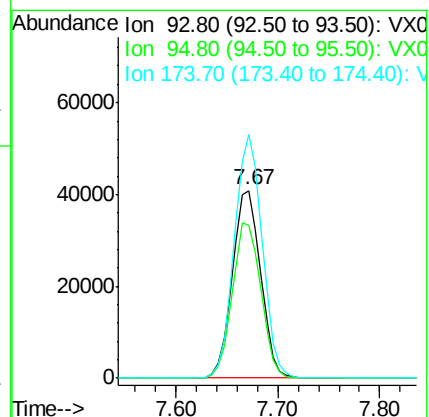
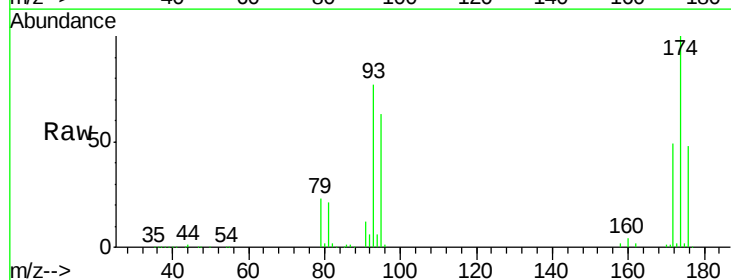
Tgt Ion: 93 Resp: 78343

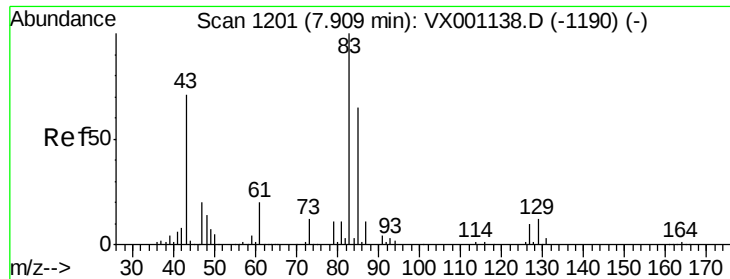
Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 127.5 99.6 149.4





#47

Bromodichloromethane

Concen: 52.897 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

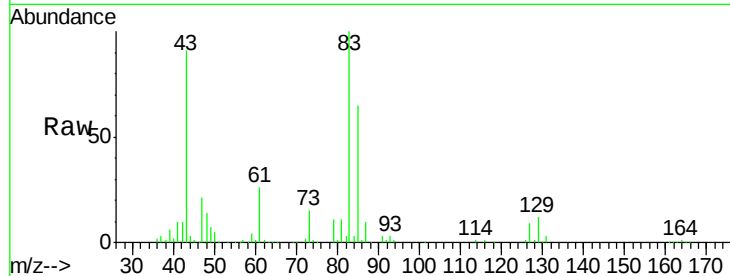
Tgt Ion: 83 Resp: 144947

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9

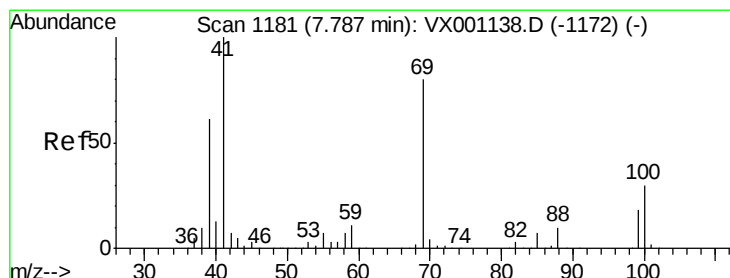
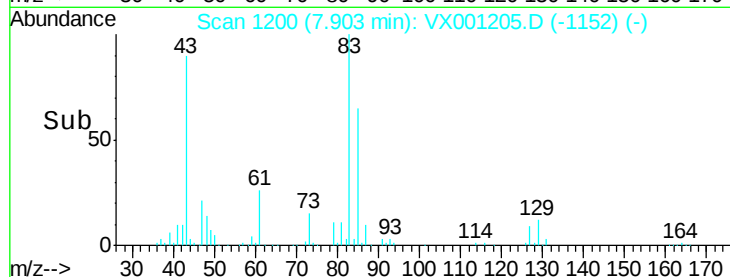
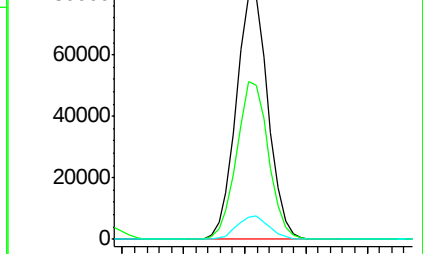
127 9.2 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX001138.D (-1190) (-)

Ion 84.90 (84.60 to 85.60): VX001138.D (-1190) (-)

Ion 126.80 (126.50 to 127.50): VX001138.D (-1190) (-)



#48

Methyl methacrylate

Concen: 46.874 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

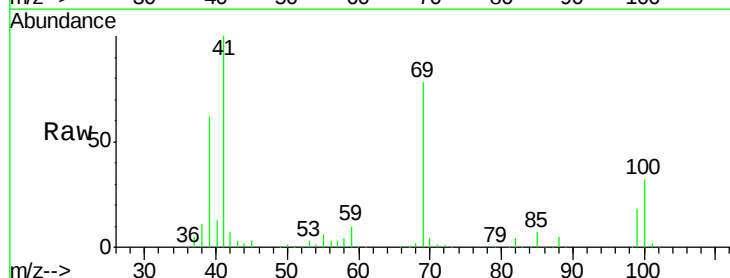
Tgt Ion: 41 Resp: 134132

Ion Ratio Lower Upper

41 100

69 79.5 62.4 93.6

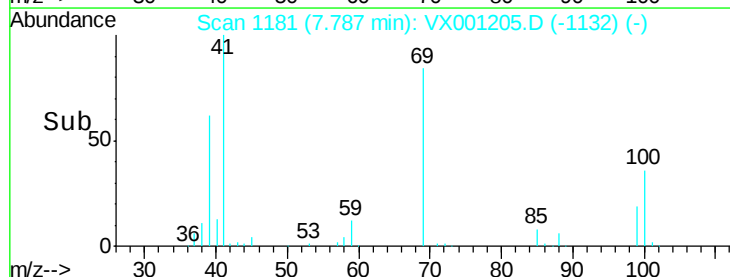
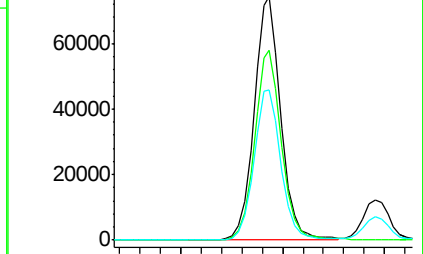
39 62.9 48.7 73.1

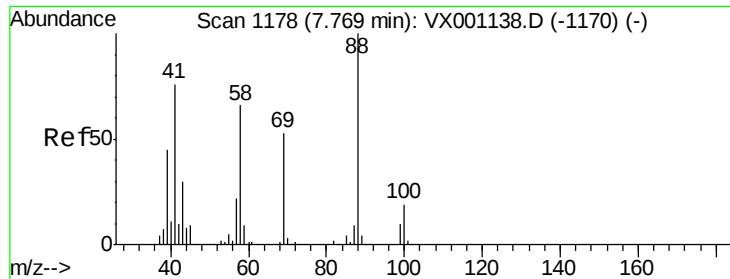


Abundance Ion 41.00 (40.70 to 41.70): VX001138.D (-1172) (-)

Ion 69.00 (68.70 to 69.70): VX001138.D (-1172) (-)

Ion 39.00 (38.70 to 39.70): VX001138.D (-1172) (-)

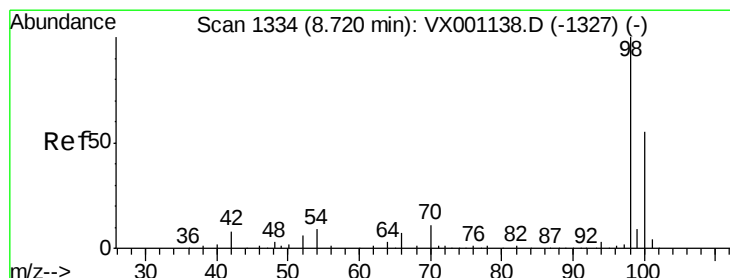
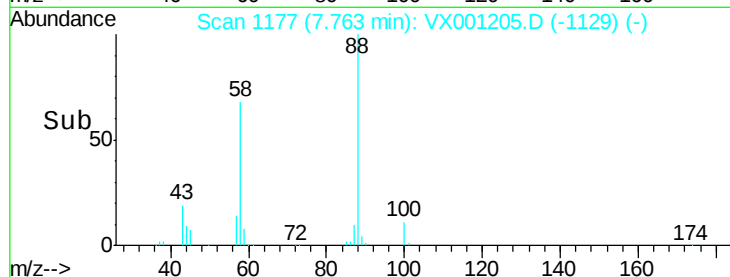
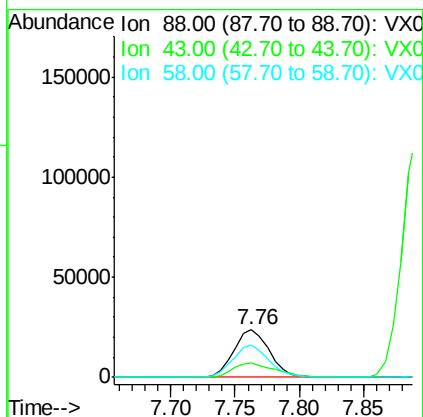
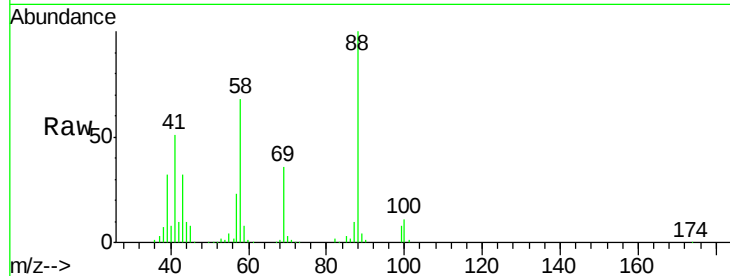




#49
1,4-Dioxane
Concen: 795.378 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

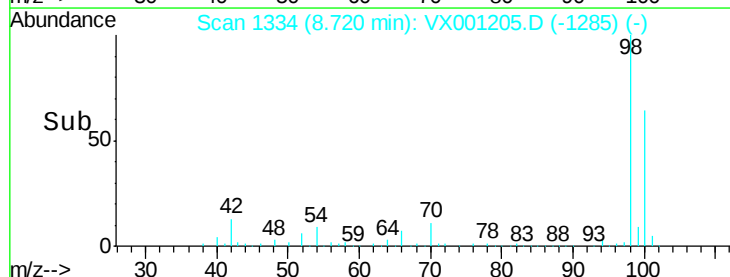
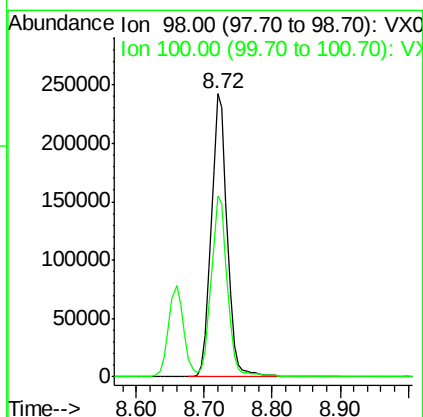
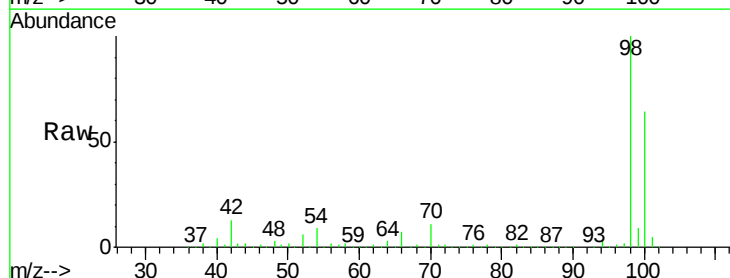
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

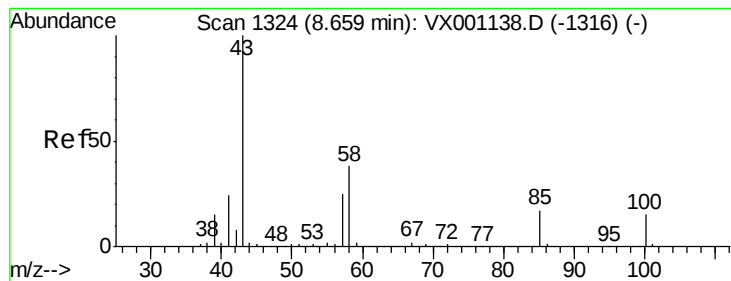
Tgt Ion: 88 Resp: 45568
Ion Ratio Lower Upper
88 100
43 35.1 27.3 40.9
58 69.1 54.2 81.4



#50
Toluene-d8
Concen: 48.490 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 98 Resp: 393438
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 233.444 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

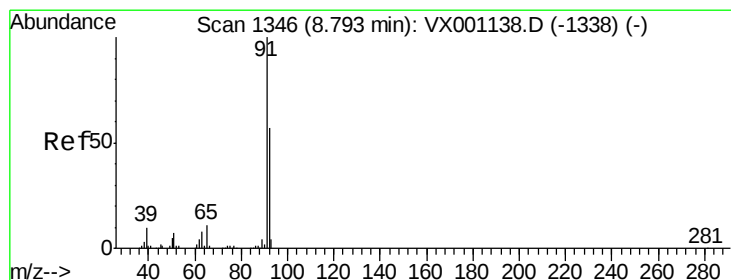
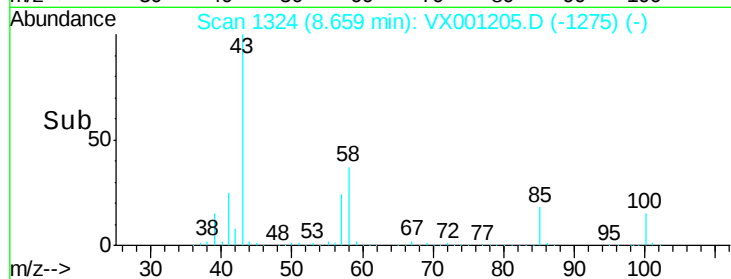
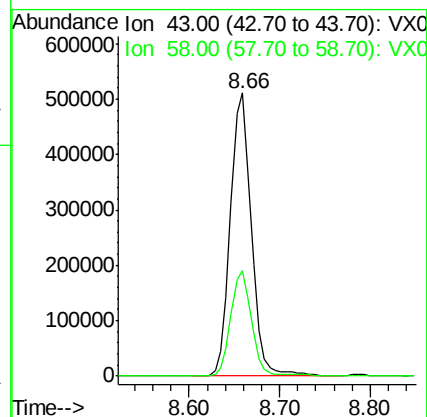
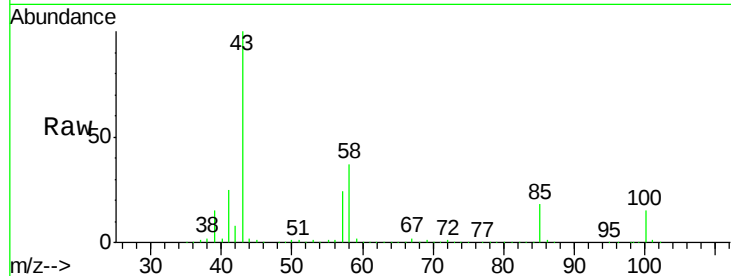
VSTDCCC050EC

Tgt Ion: 43 Resp: 825532

Ion Ratio Lower Upper

43 100

58 37.5 30.2 45.2



#52

Toluene

Concen: 49.080 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001205.D

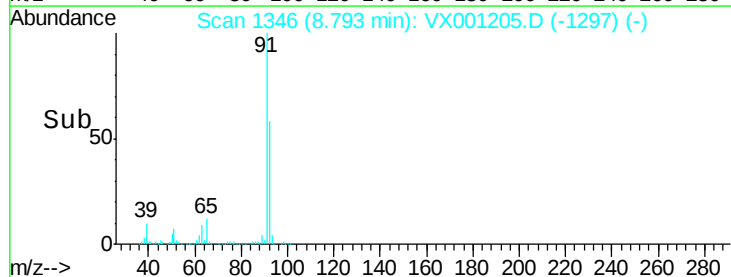
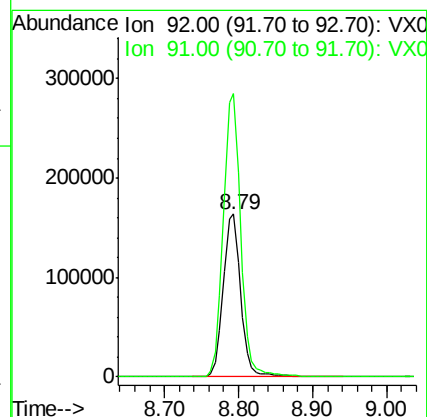
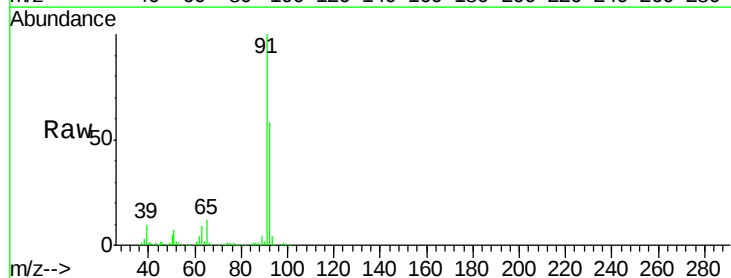
Acq: 28 Apr 2018 06:57

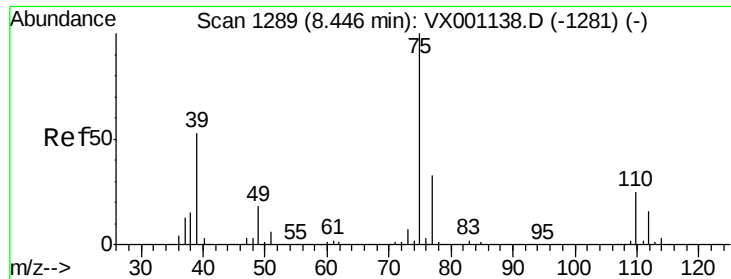
Tgt Ion: 92 Resp: 265767

Ion Ratio Lower Upper

92 100

91 174.2 139.8 209.6

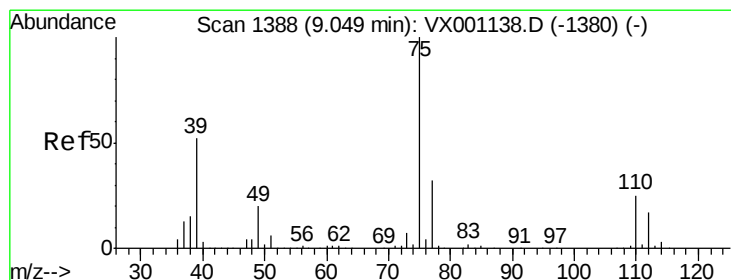
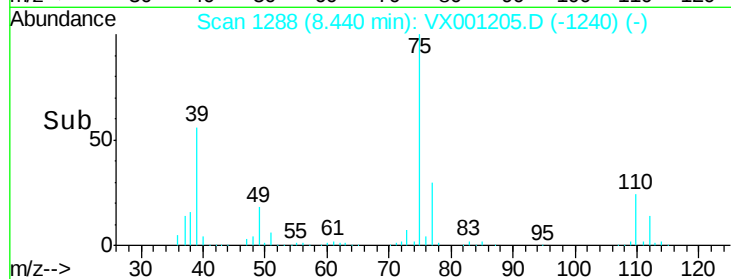
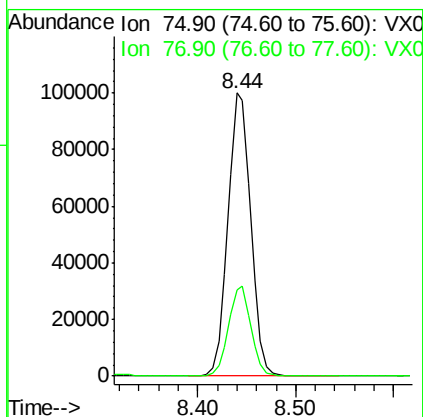
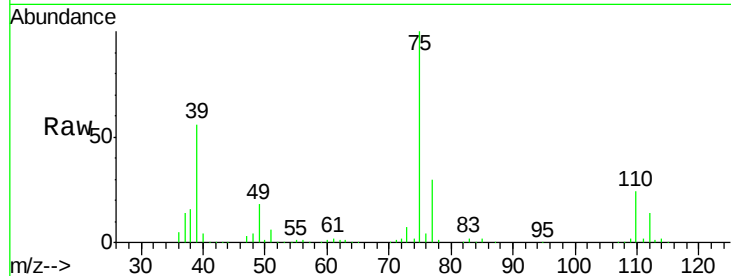




#53
 t-1,3-Dichloropropene
 Concen: 50.658 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

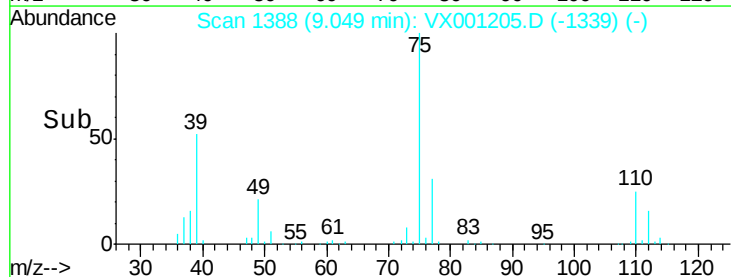
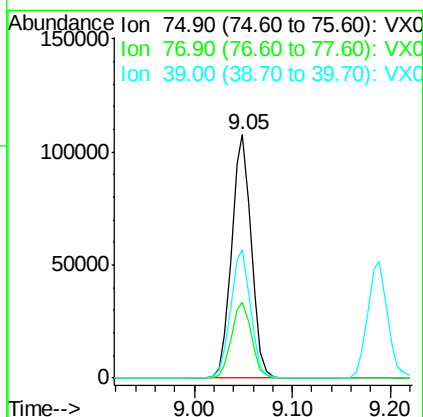
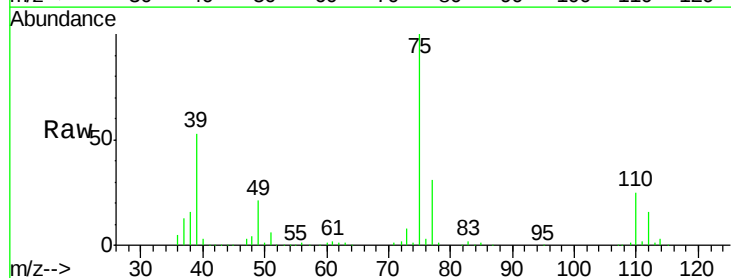
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

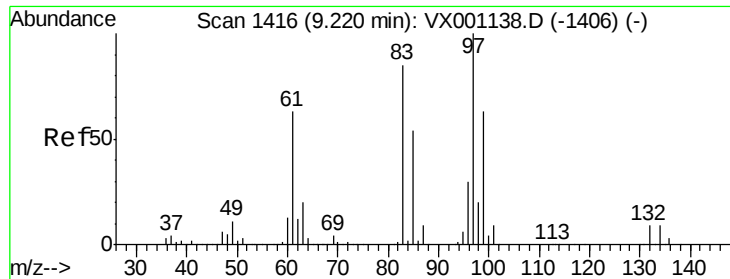
Tgt Ion: 75 Resp: 161371
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.715 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 75 Resp: 149699
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 52.5 42.0 63.0

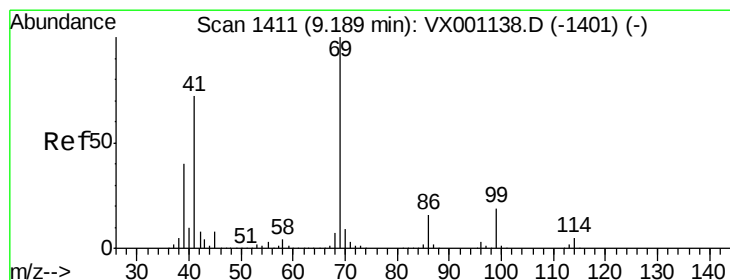
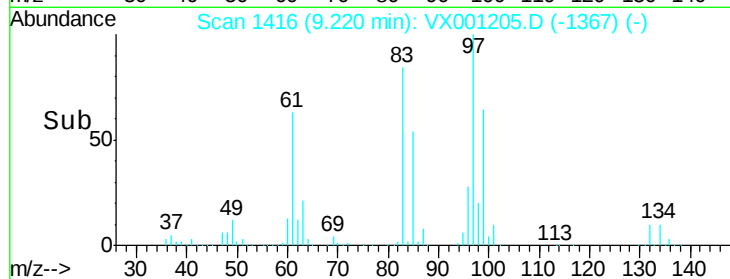
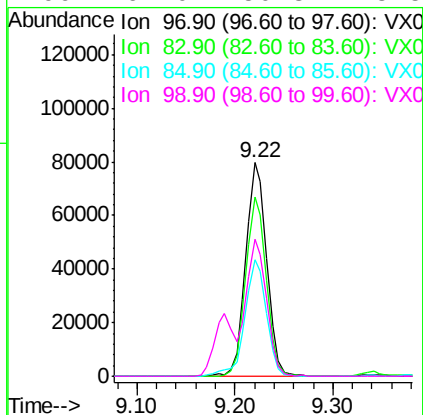
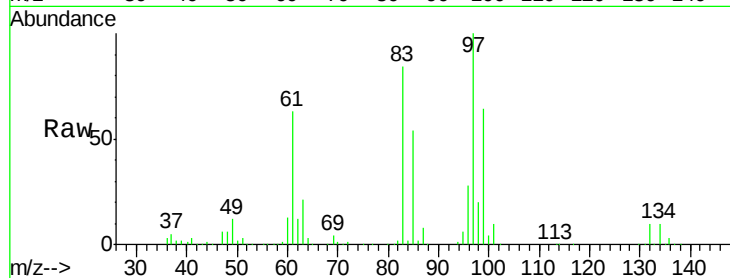




#55
 1,1,2-Trichloroethane
 Concen: 51.619 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

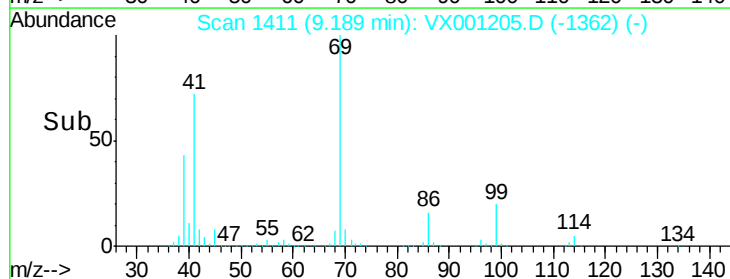
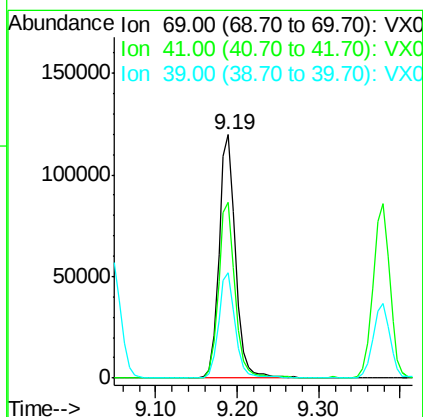
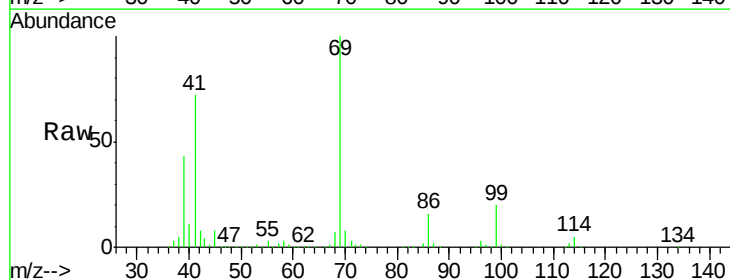
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

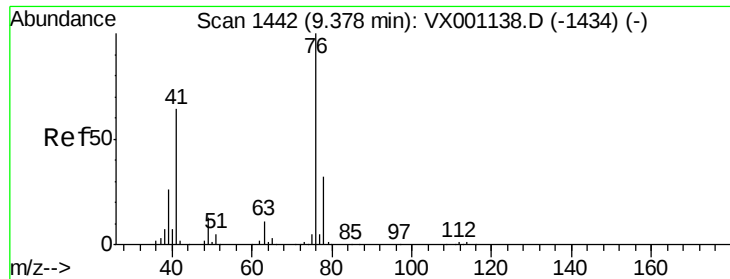
Tgt Ion:	97	Resp:	118257
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.0	102.0
85	54.4	42.9	64.3
99	64.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 49.973 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:	69	Resp:	169629
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.7	86.5
39	43.7	33.3	49.9

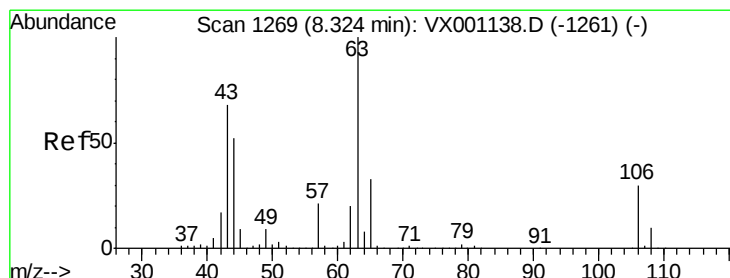
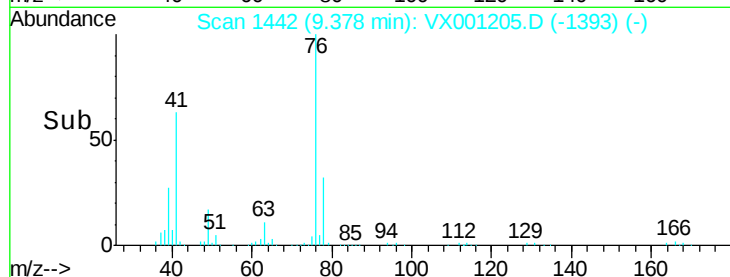
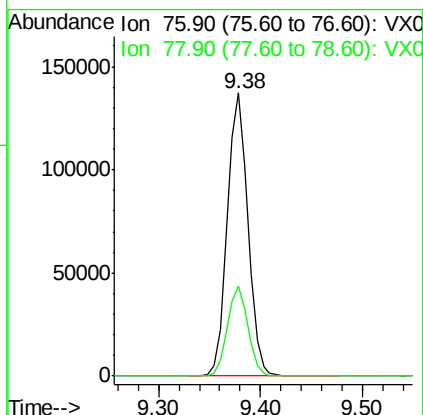
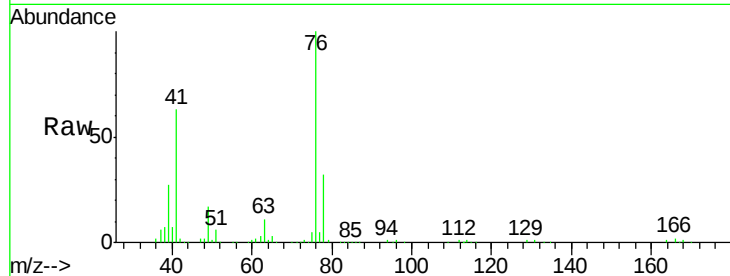




#57
 1,3-Dichloropropane
 Concen: 51.316 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

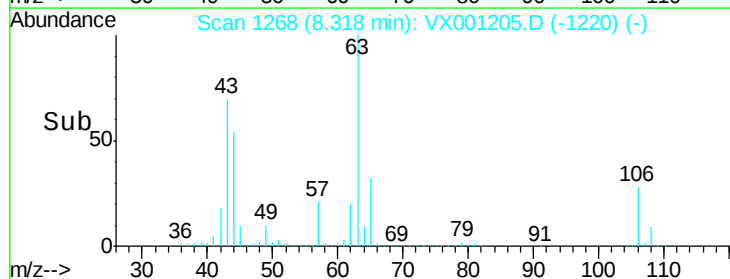
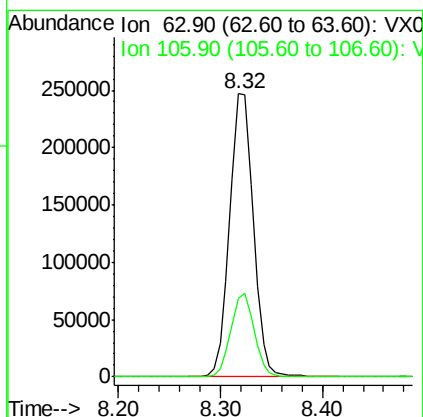
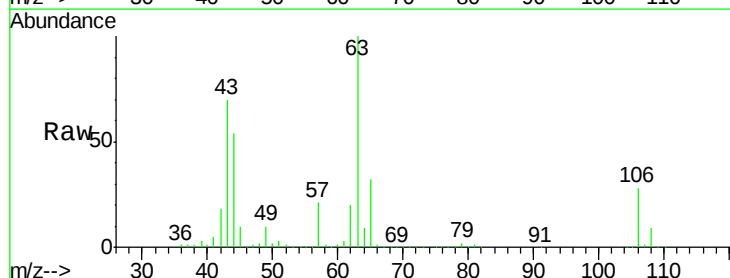
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

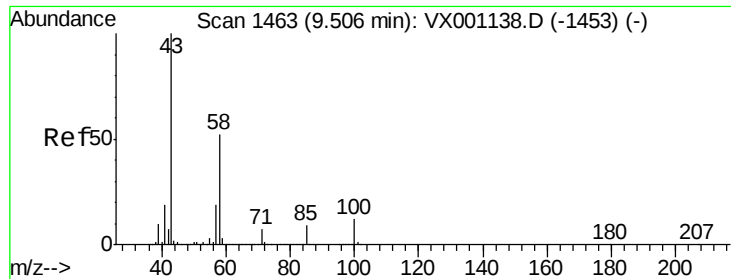
Tgt Ion: 76 Resp: 190186
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.231 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 63 Resp: 395122
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.7 35.5

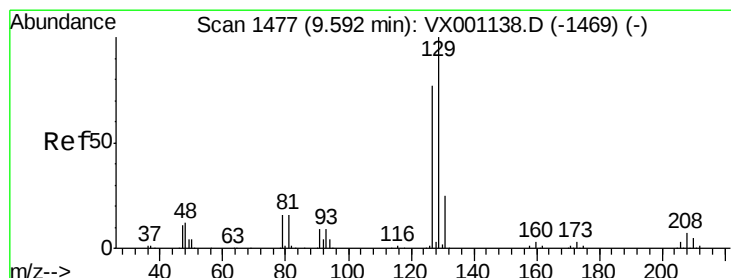
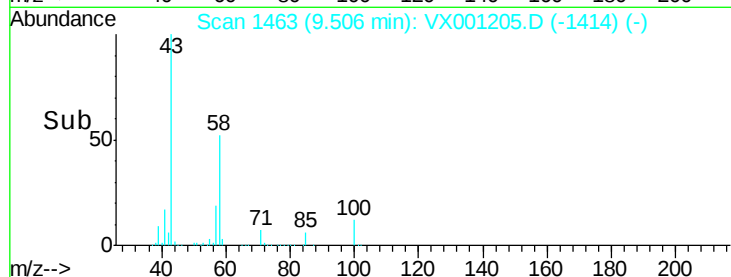
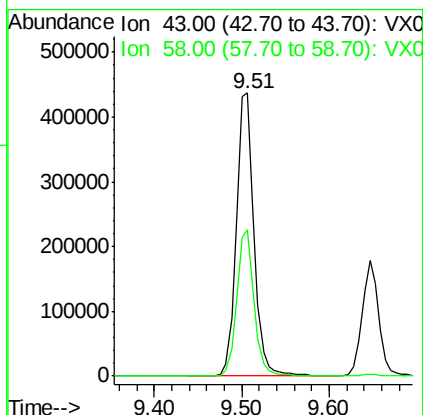
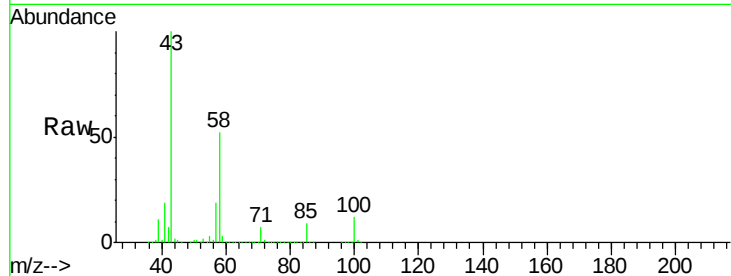




#59
2-Hexanone
Concen: 223.946 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

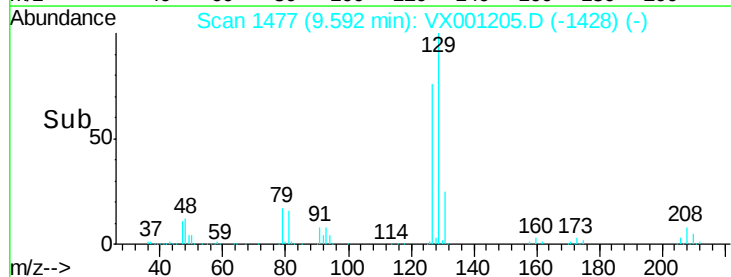
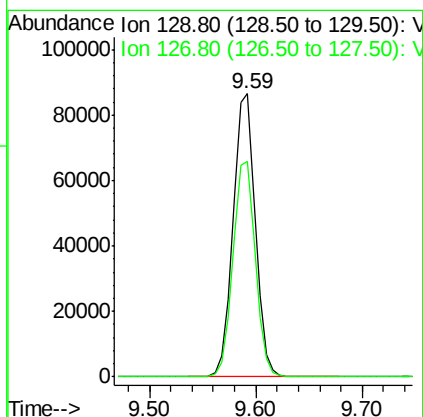
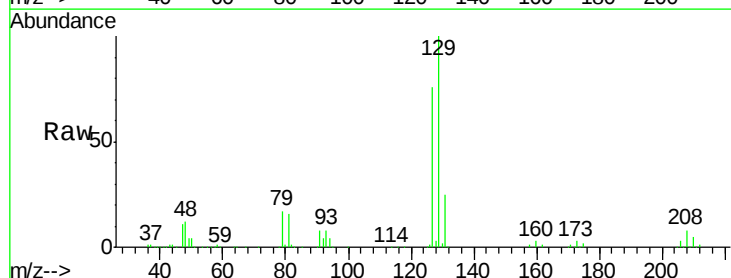
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

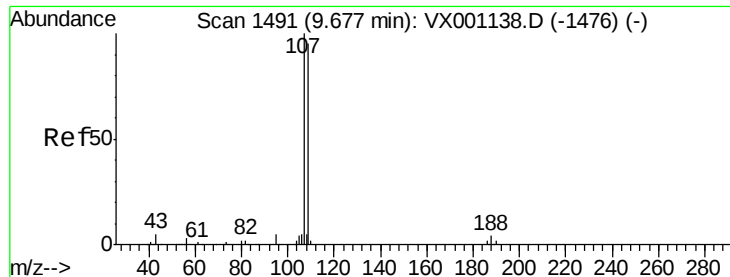
Tgt Ion: 43 Resp: 620505
Ion Ratio Lower Upper
43 100
58 50.9 25.8 77.4



#60
Dibromochloromethane
Concen: 47.656 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 129 Resp: 127082
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.930 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

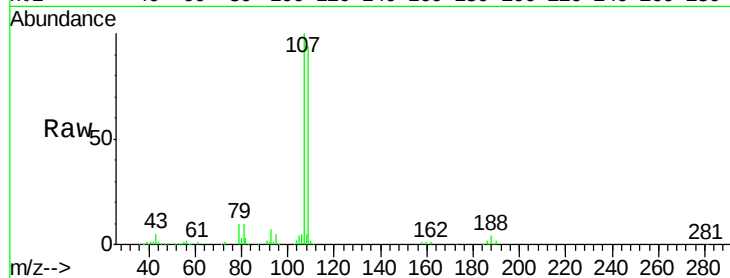
VSTDCCC050EC

Tgt Ion:107 Resp: 124640

Ion Ratio Lower Upper

107 100

109 94.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

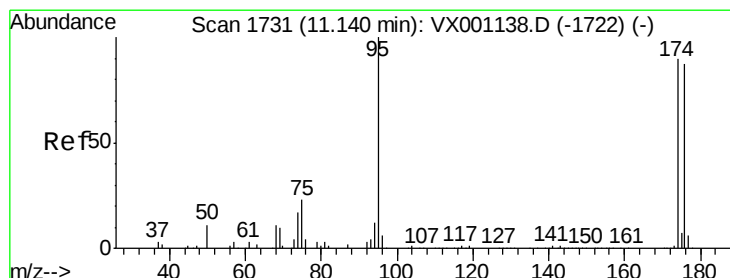
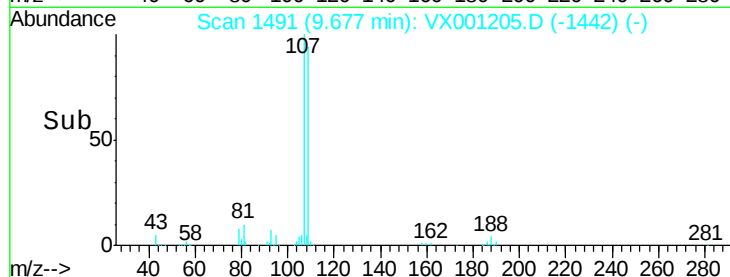
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.929 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

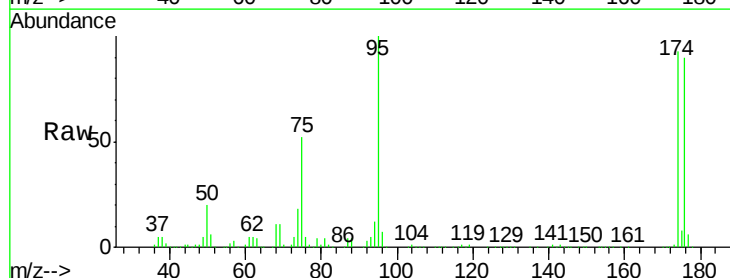
Tgt Ion: 95 Resp: 155089

Ion Ratio Lower Upper

95 100

174 99.8 0.0 194.4

176 98.1 0.0 190.2



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

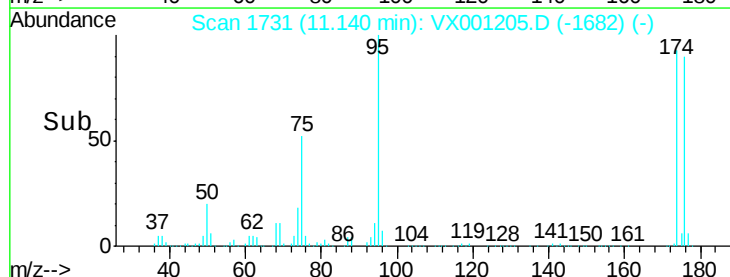
150000

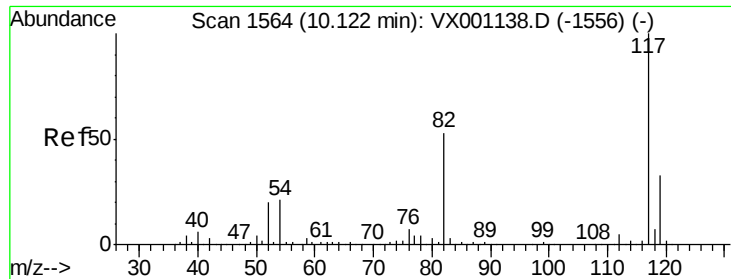
100000

50000

0

Time-->

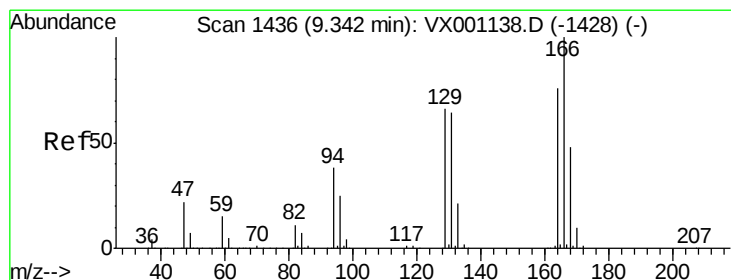
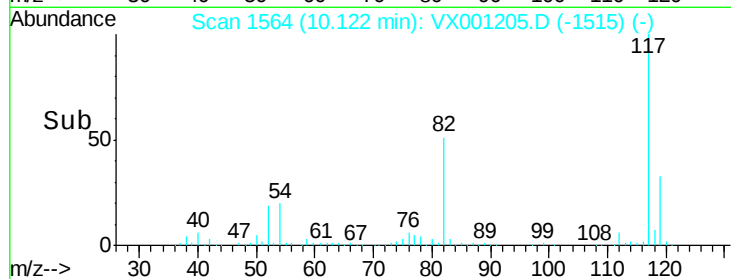
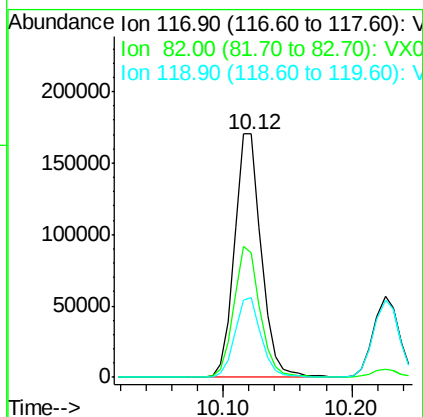
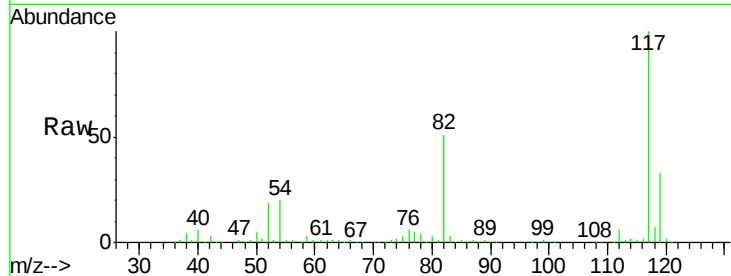




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

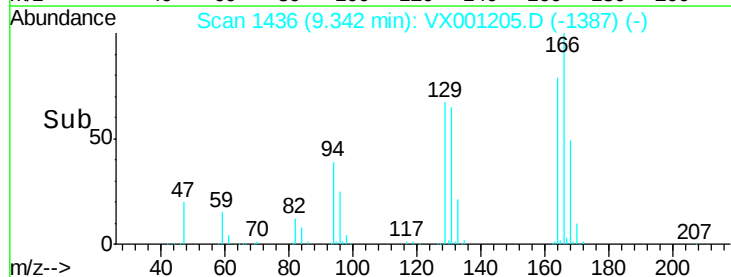
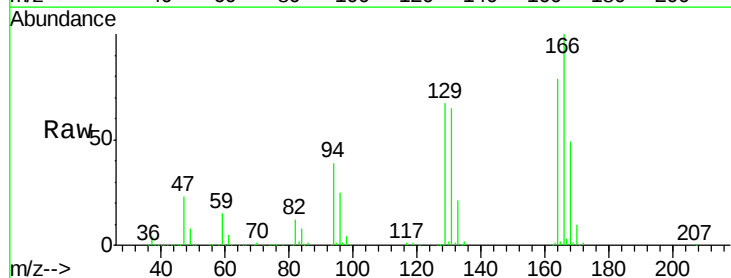
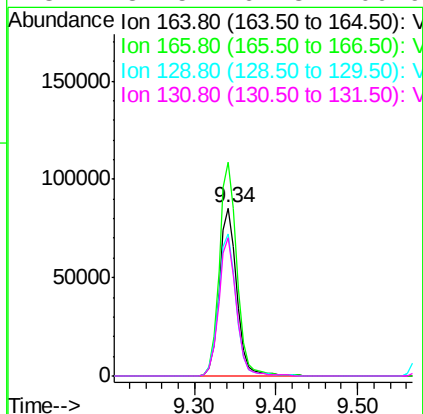
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

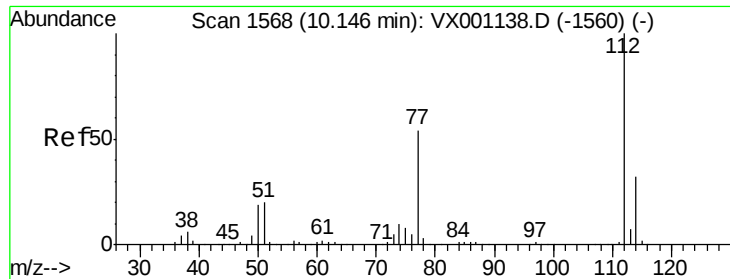
Tgt Ion:117 Resp: 246887
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 48.849 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion:164 Resp: 128731
Ion Ratio Lower Upper
164 100
166 127.1 105.0 157.6
129 84.8 69.4 104.2
131 82.5 67.3 100.9

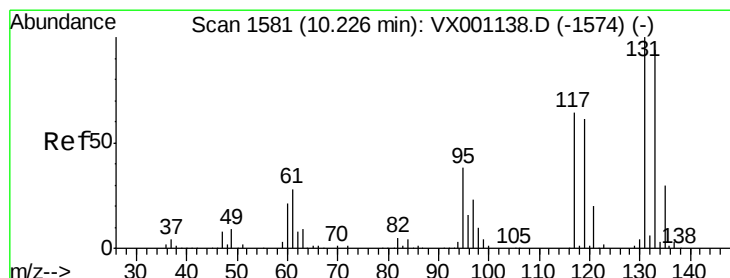
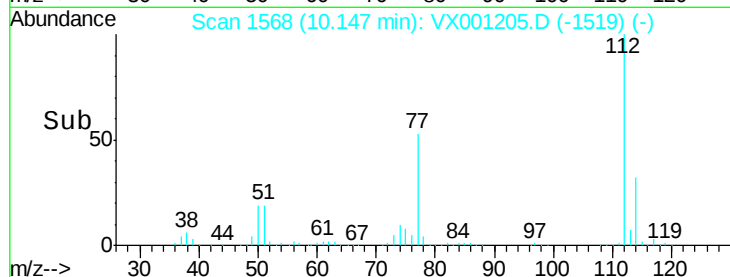
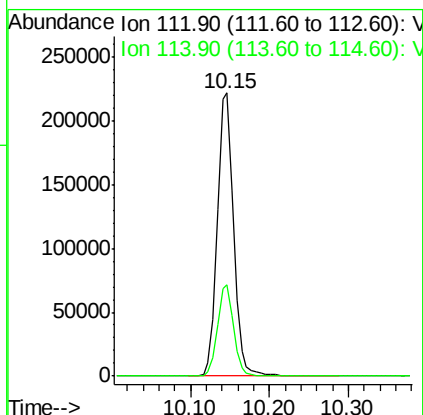
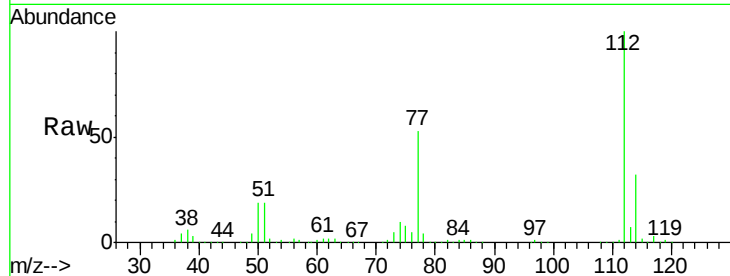




#65
Chlorobenzene
Concen: 49.538 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

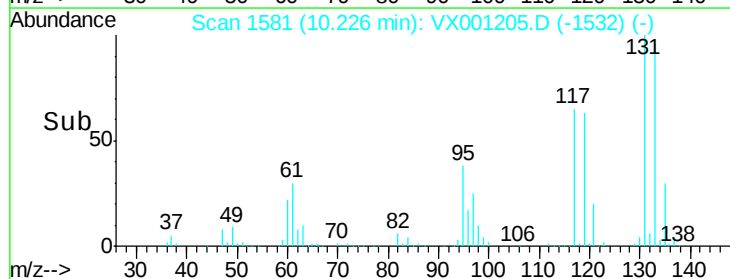
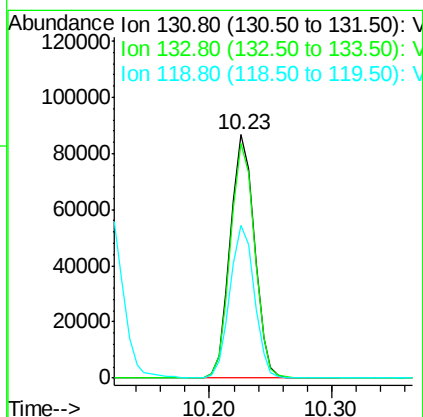
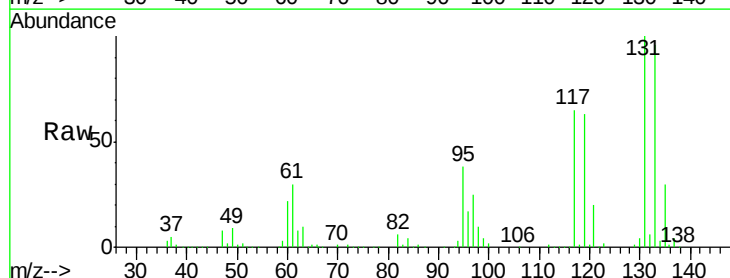
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

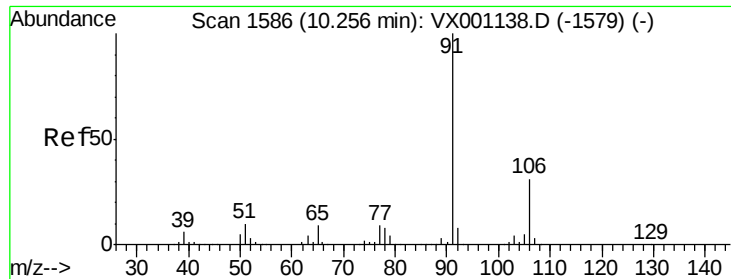
Tgt Ion:112 Resp: 320430
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.983 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion:131 Resp: 118574
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 63.2 31.3 93.8





#67

Ethyl Benzene

Concen: 47.295 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

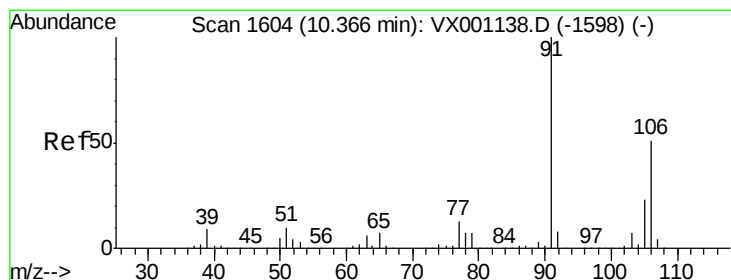
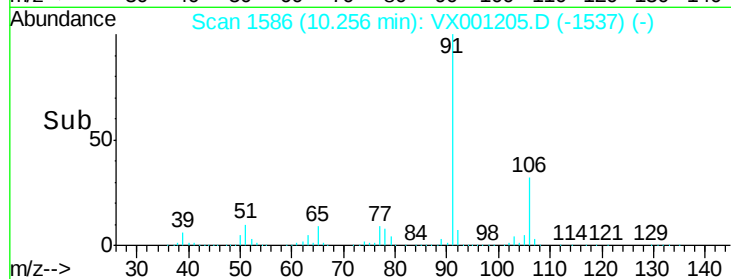
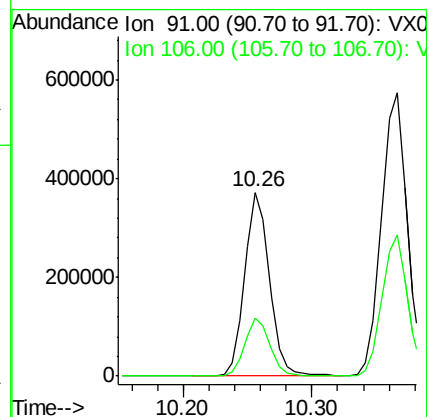
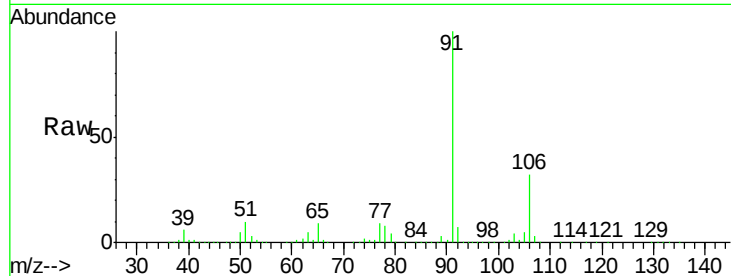
VSTDCCC050EC

Tgt Ion: 91 Resp: 497050

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 95.542 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001205.D

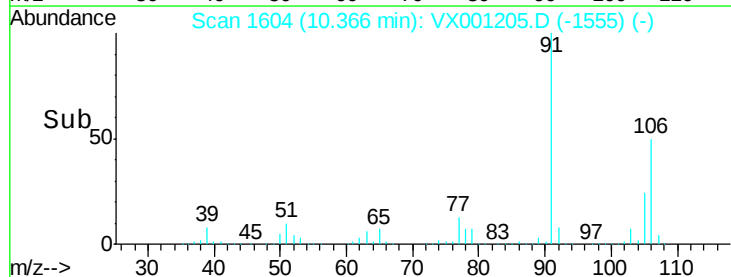
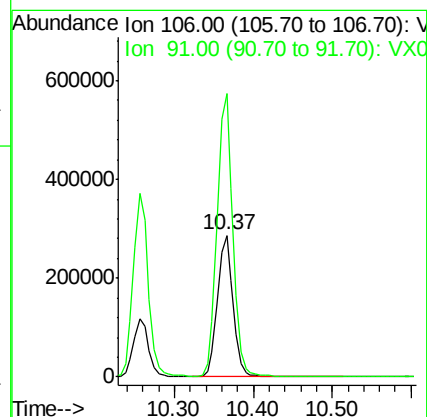
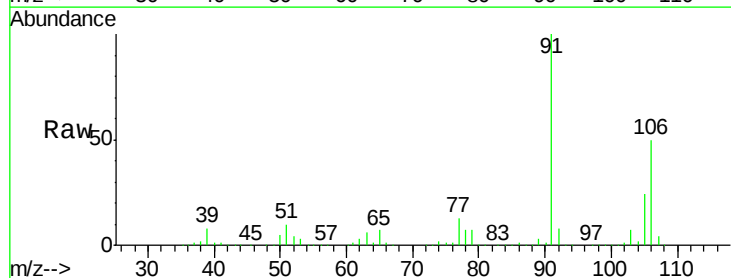
Acq: 28 Apr 2018 06:57

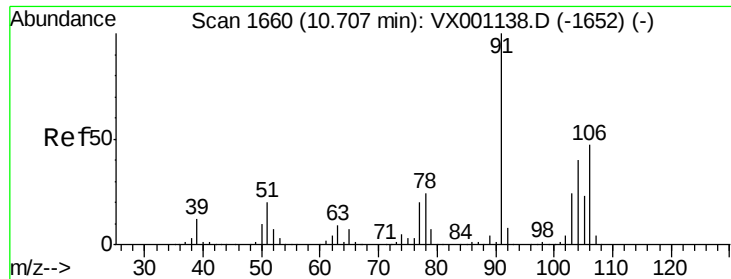
Tgt Ion: 106 Resp: 396964

Ion Ratio Lower Upper

106 100

91 201.7 160.9 241.3

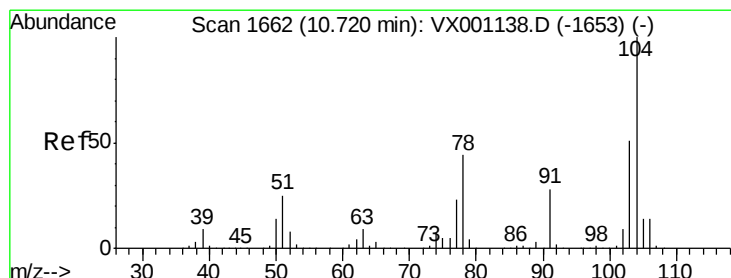
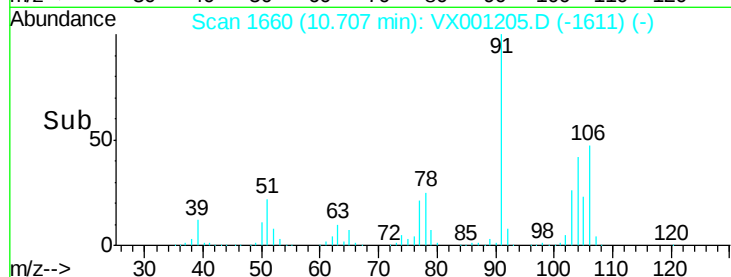
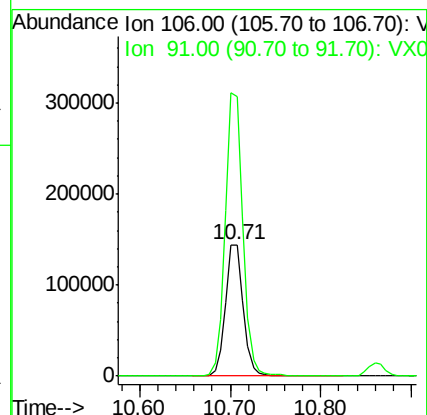
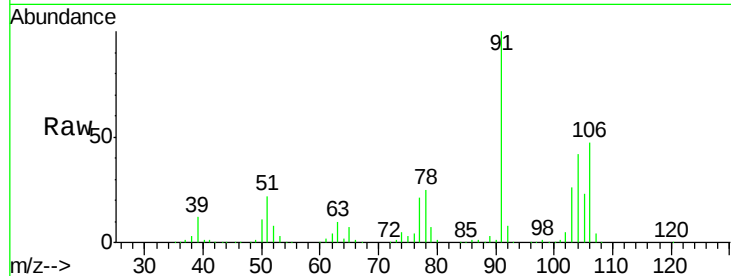




#69
o-Xylene
Concen: 49.006 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

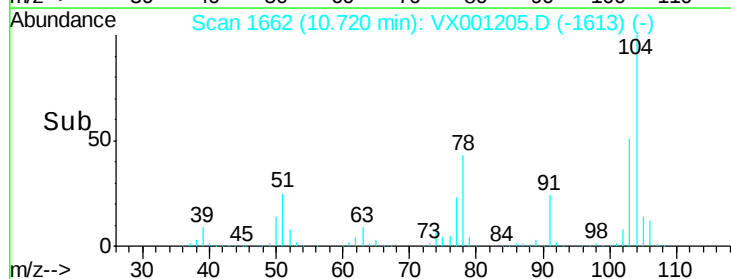
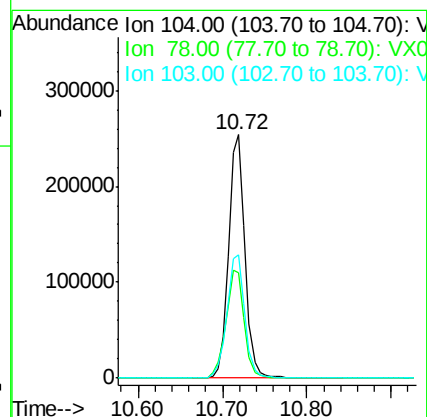
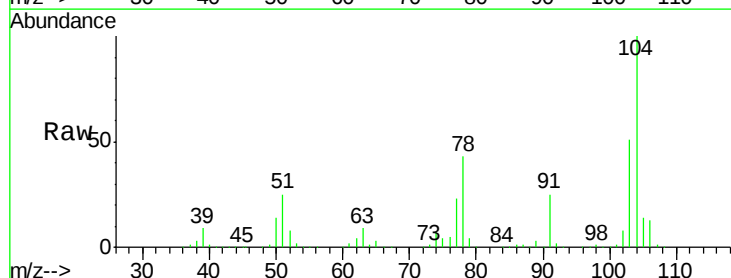
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

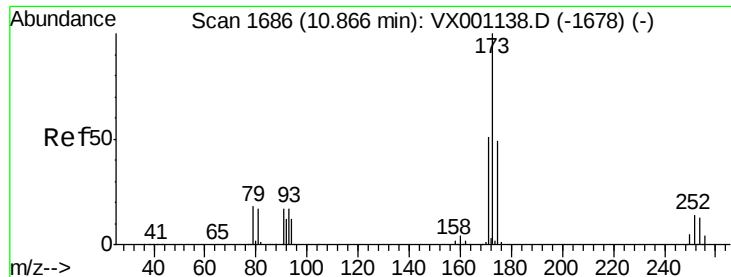
Tgt Ion:106 Resp: 197487
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5



#70
Styrene
Concen: 50.343 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion:104 Resp: 337637
Ion Ratio Lower Upper
104 100
78 49.9 40.3 60.5
103 55.6 44.3 66.5





#71

Bromoform

Concen: 44.184 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

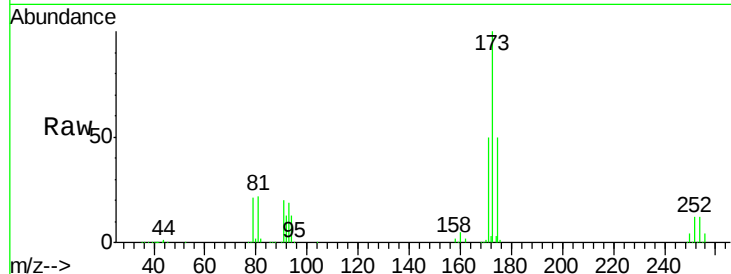
Tgt Ion:173 Resp: 102509

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

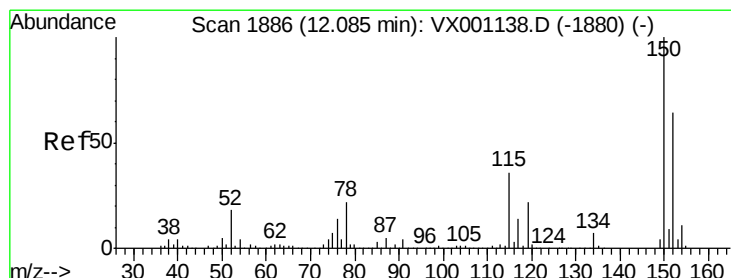
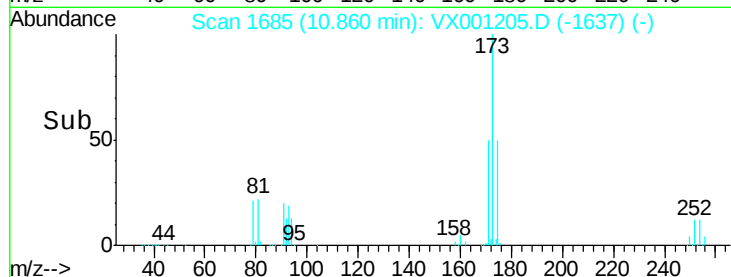
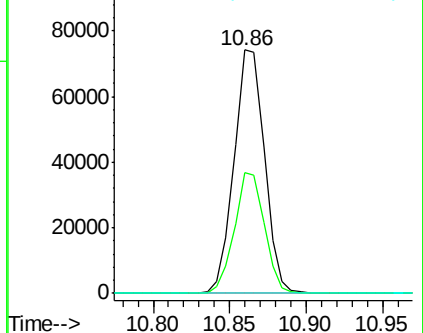
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

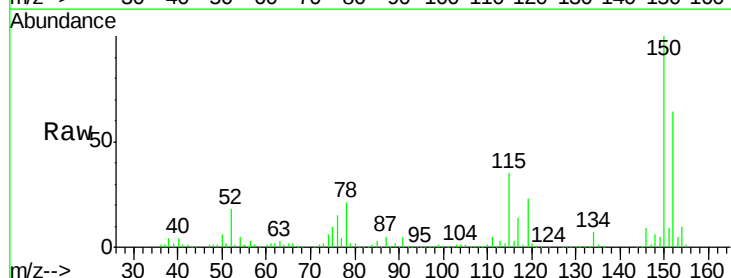
Tgt Ion:152 Resp: 167656

Ion Ratio Lower Upper

152 100

115 73.9 38.0 114.0

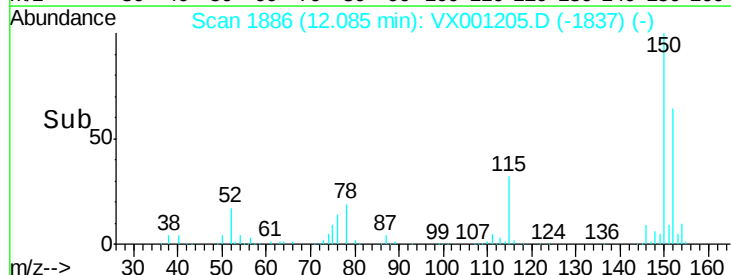
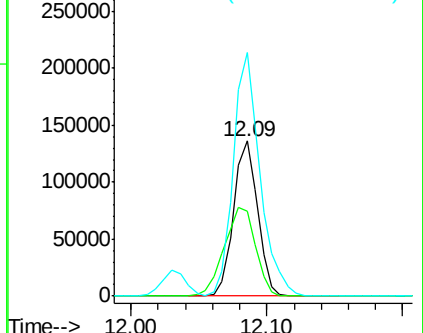
150 173.1 0.0 349.6

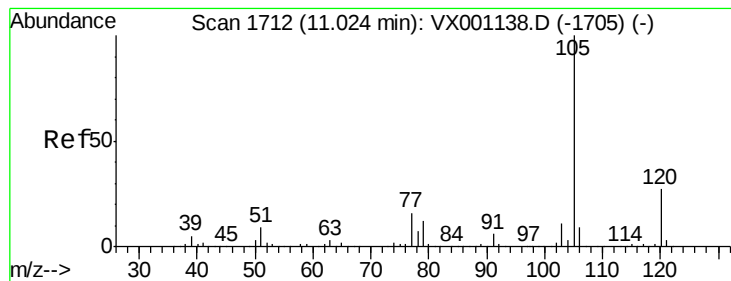


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.509 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

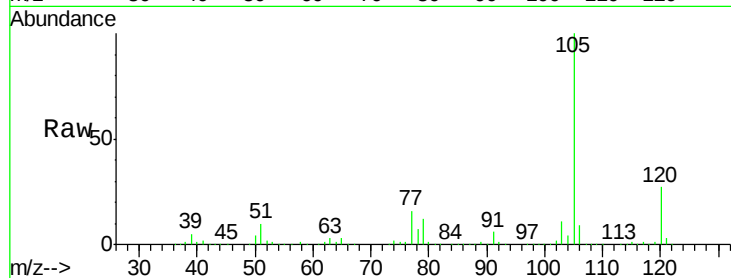
VSTDCCC050EC

Tgt Ion:105 Resp: 497306

Ion Ratio Lower Upper

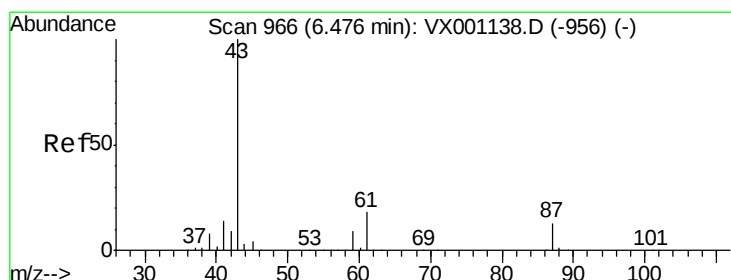
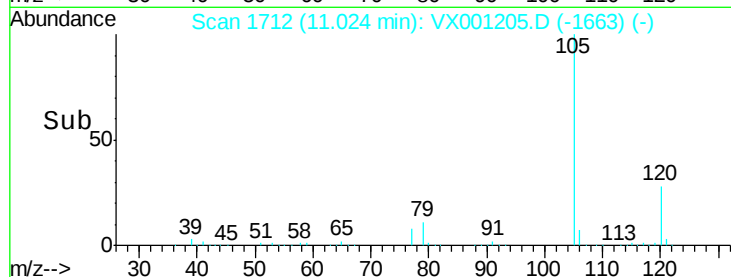
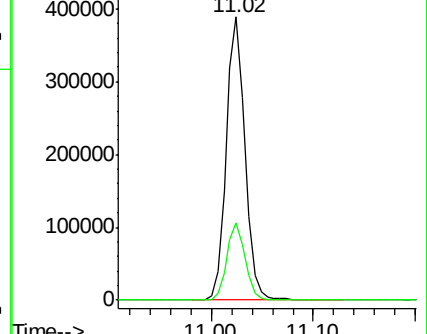
105 100

120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.790 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion: 43 Resp: 252141

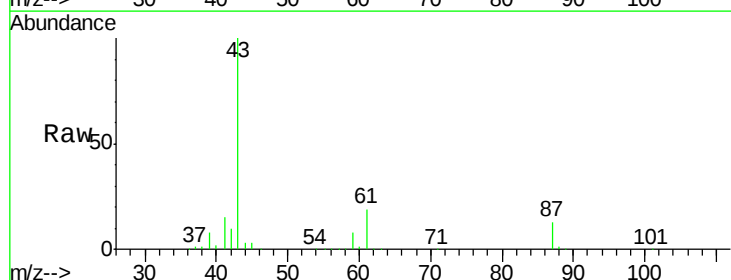
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 15.0 22.6

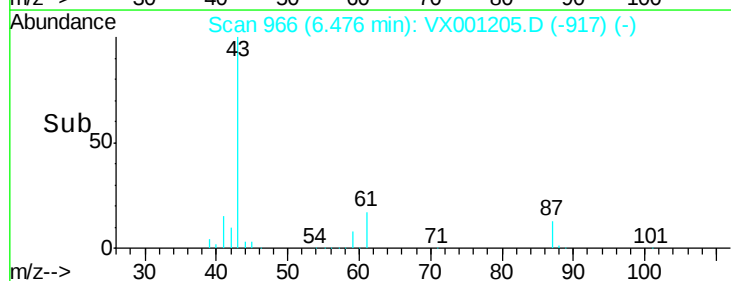
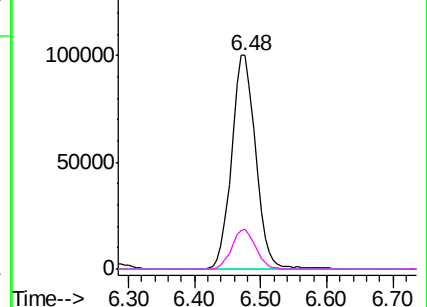


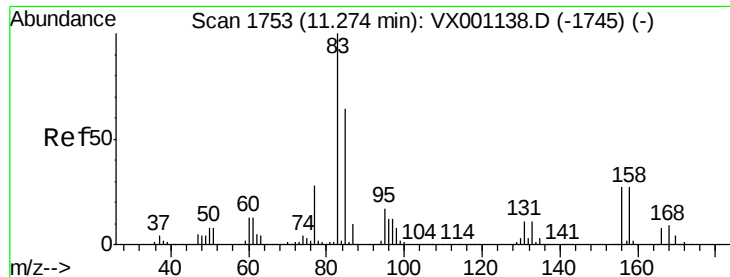
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.746 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

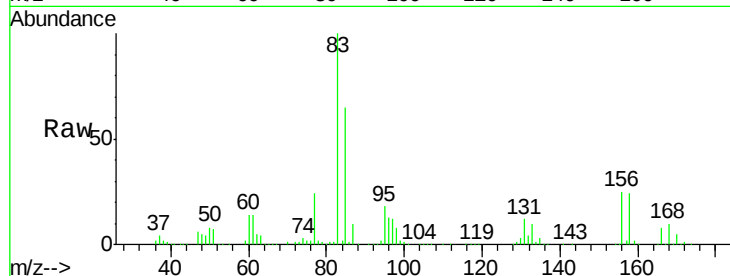
Tgt Ion: 83 Resp: 176739

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

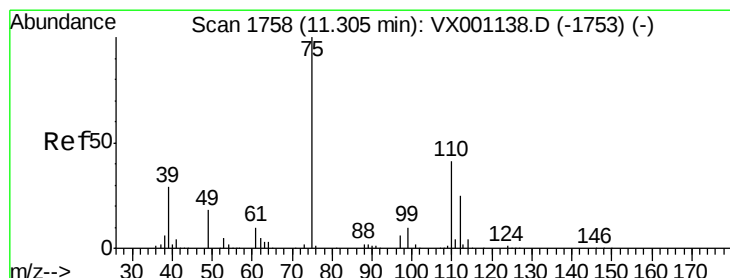
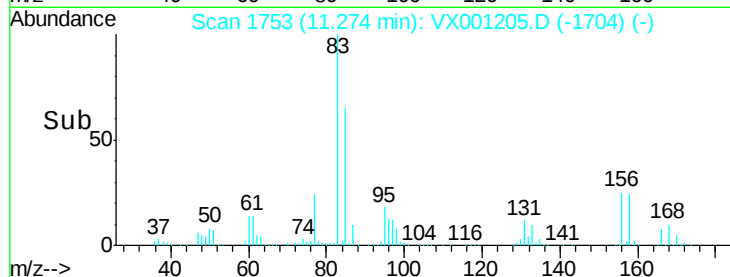
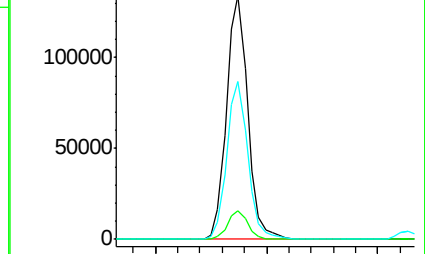
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX001138.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX001138.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX001138.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 55.576 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001205.D

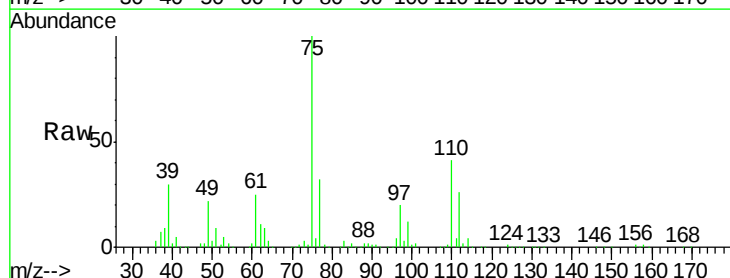
Acq: 28 Apr 2018 06:57

Tgt Ion: 75 Resp: 189732

Ion Ratio Lower Upper

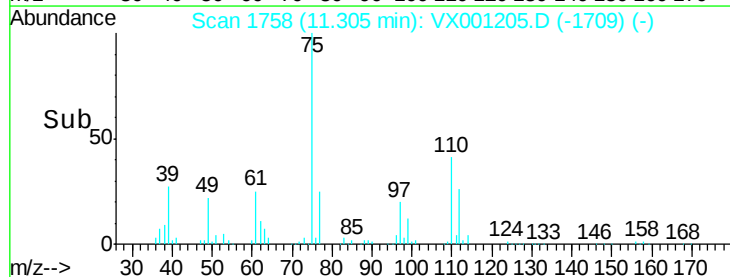
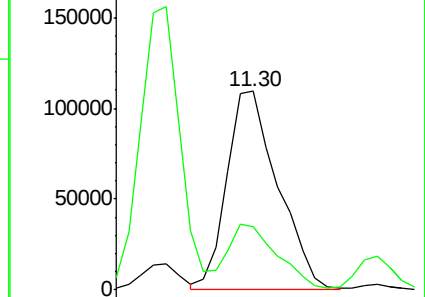
75 100

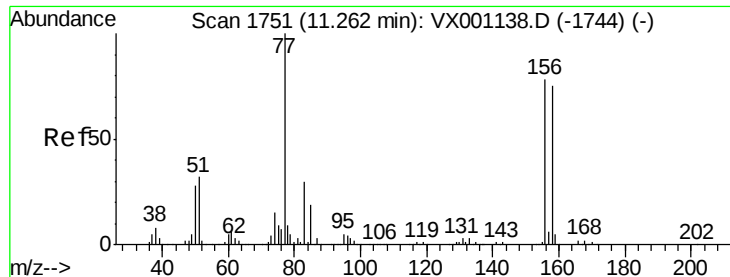
77 31.0 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX001138.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX001138.D (-1753) (-)





#77

Bromobenzene

Concen: 49.625 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

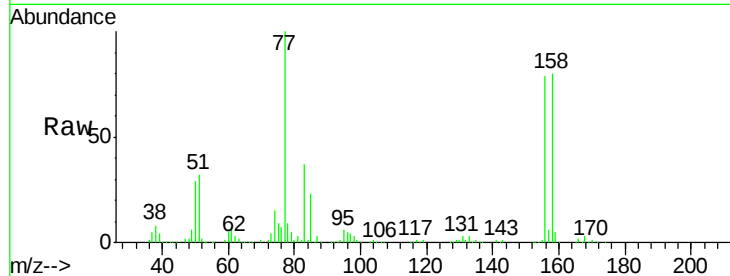
Tgt Ion:156 Resp: 160810

Ion Ratio Lower Upper

156 100

77 130.1 67.8 203.2

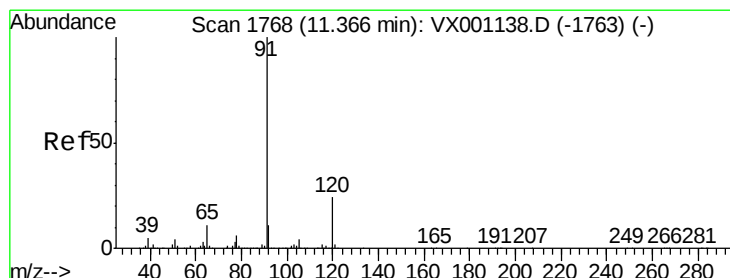
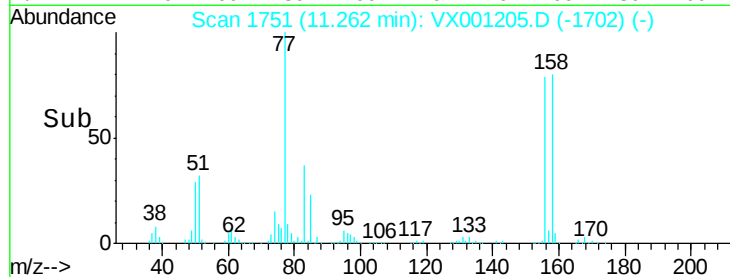
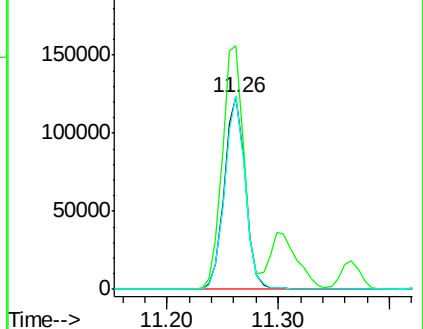
158 97.9 48.9 146.7



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: 45.607 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001205.D

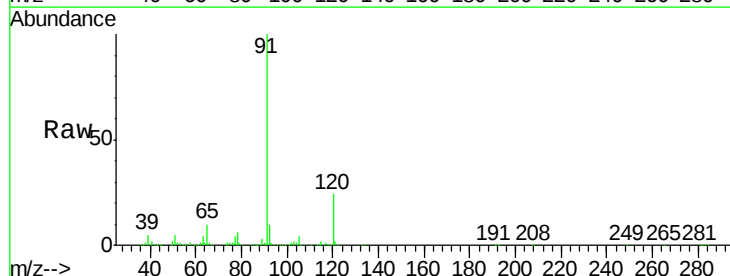
Acq: 28 Apr 2018 06:57

Tgt Ion: 91 Resp: 555721

Ion Ratio Lower Upper

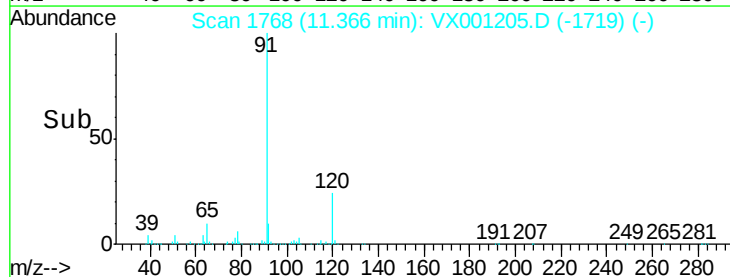
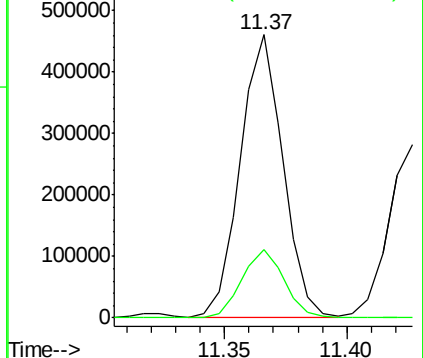
91 100

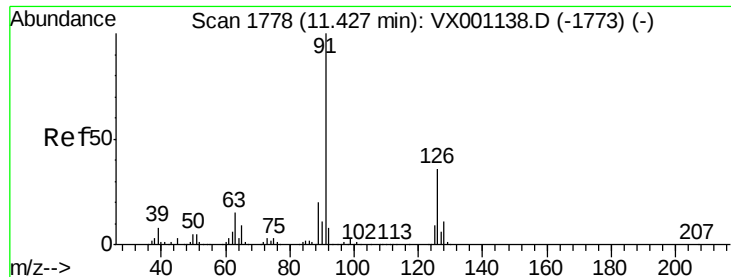
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.474 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

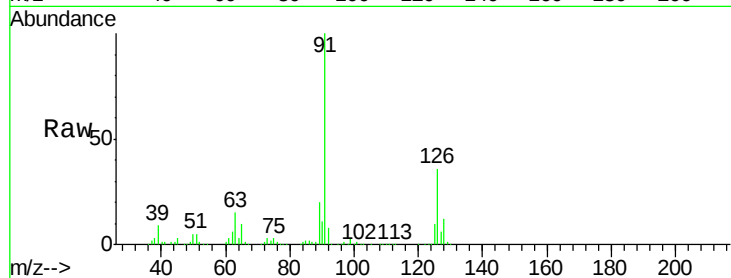
VSTDCCC050EC

Tgt Ion: 91 Resp: 351039

Ion Ratio Lower Upper

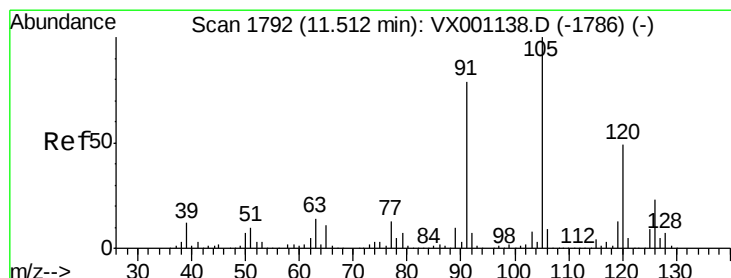
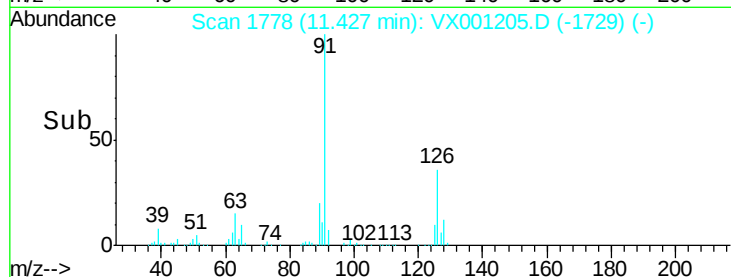
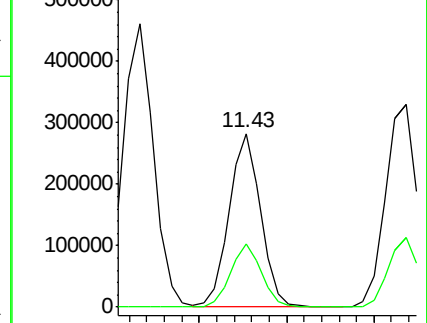
91 100

126 36.4 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.061 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001205.D

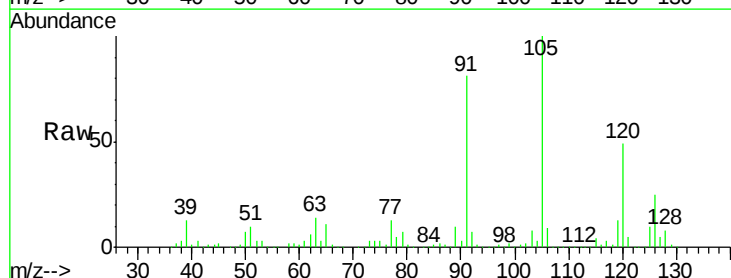
Acq: 28 Apr 2018 06:57

Tgt Ion: 105 Resp: 435405

Ion Ratio Lower Upper

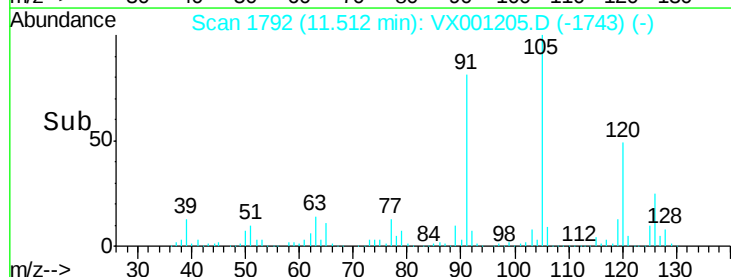
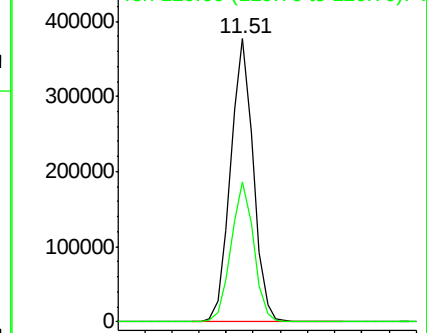
105 100

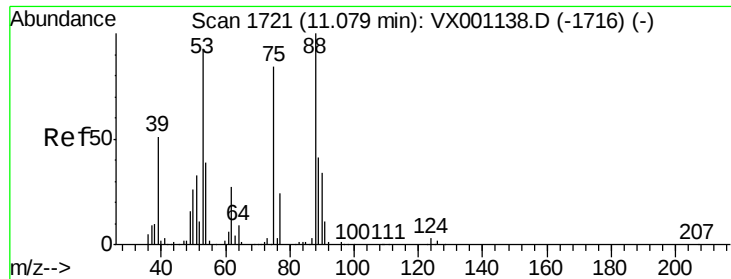
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 36.531 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

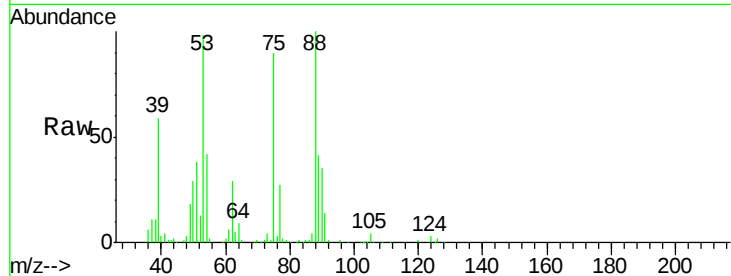
Tgt Ion: 75 Resp: 37562

Ion Ratio Lower Upper

75 100

53 114.7 87.9 131.9

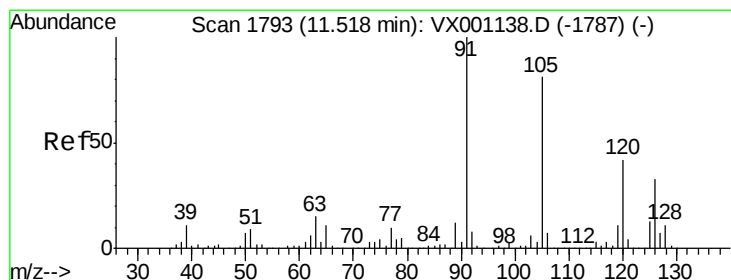
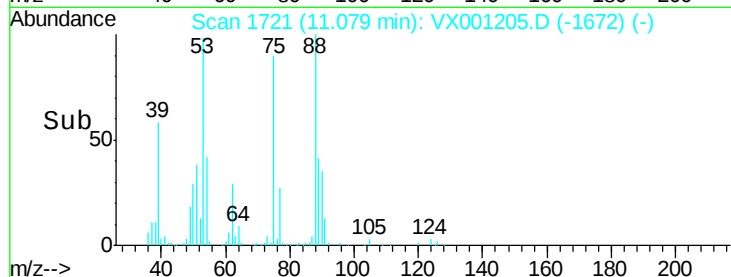
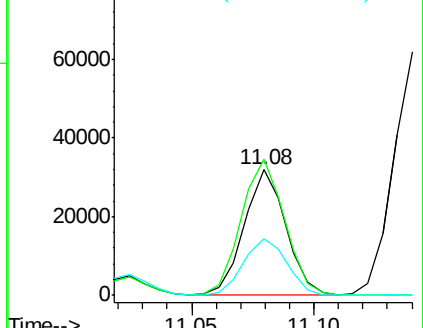
89 47.6 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.660 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001205.D

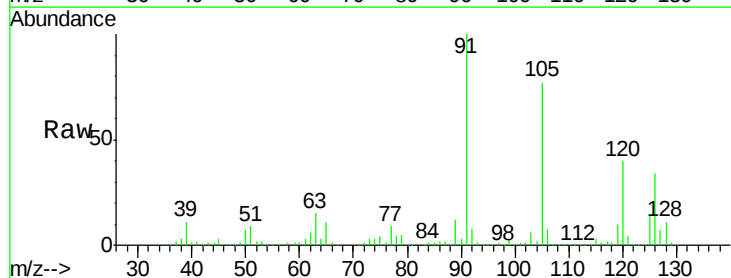
Acq: 28 Apr 2018 06:57

Tgt Ion: 91 Resp: 418921

Ion Ratio Lower Upper

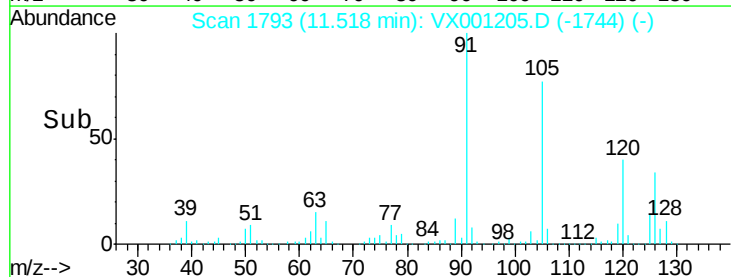
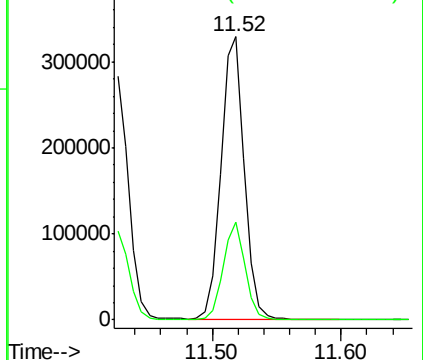
91 100

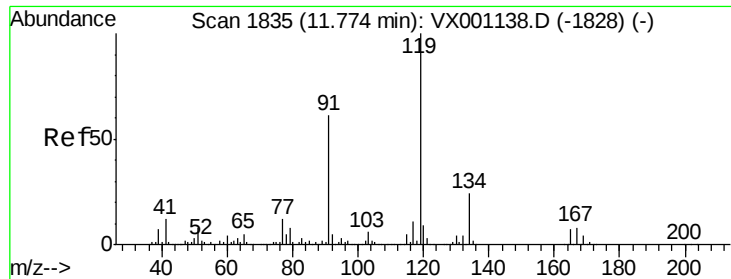
126 32.6 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

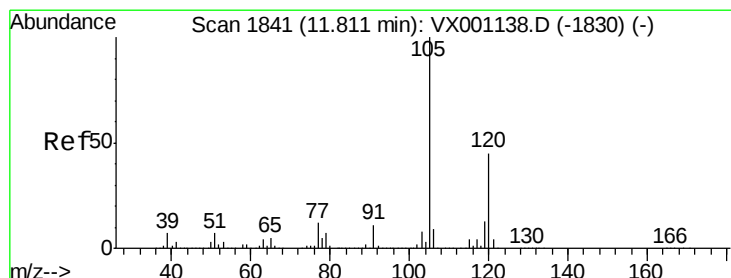
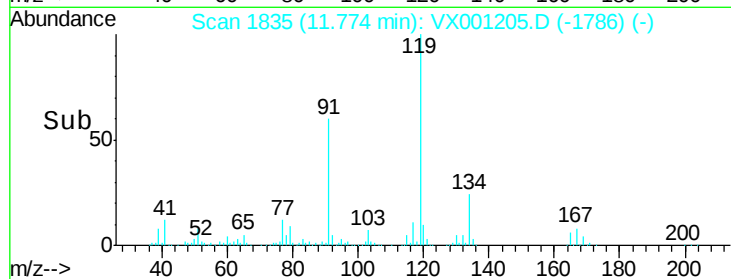
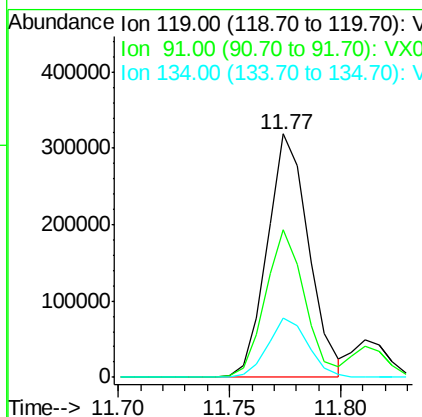
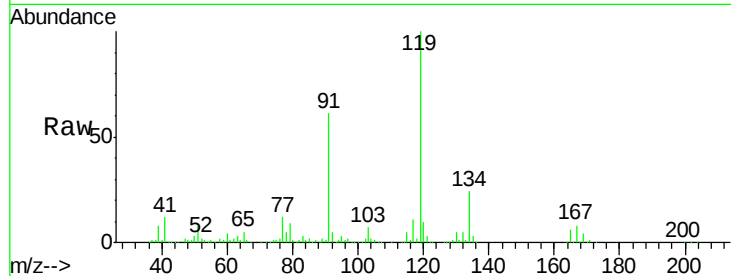




#83
 tert-Butylbenzene
 Concen: 44.581 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

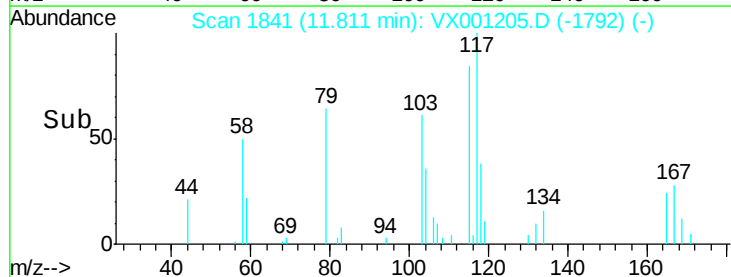
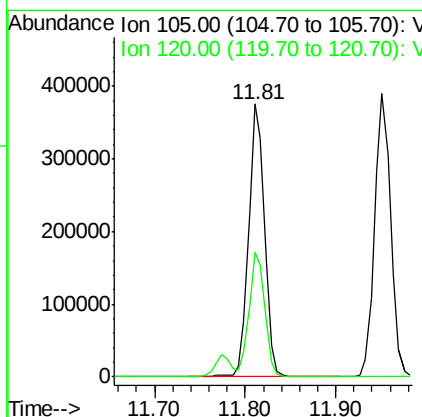
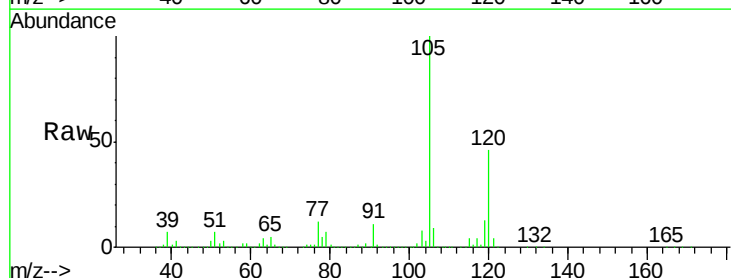
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

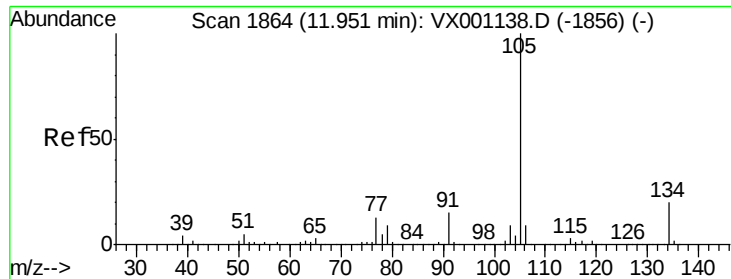
Tgt Ion:119 Resp: 411619
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.6 82.8
 134 24.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.849 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:105 Resp: 455030
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3

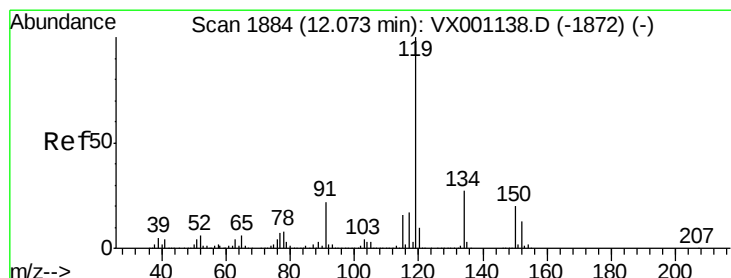
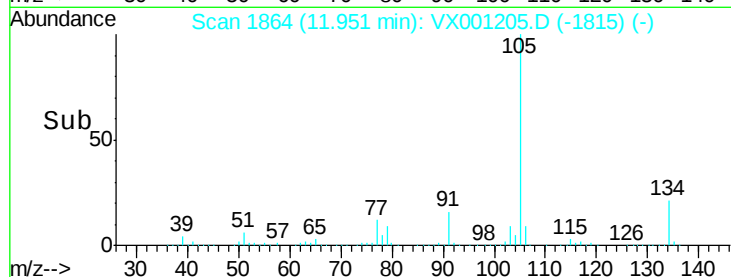
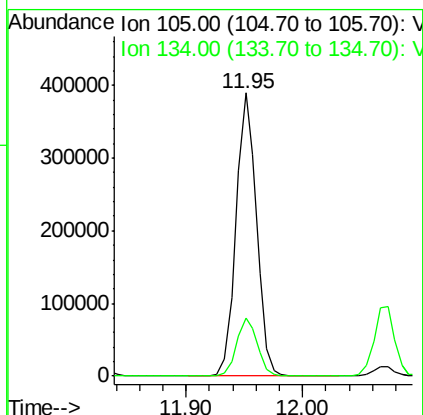
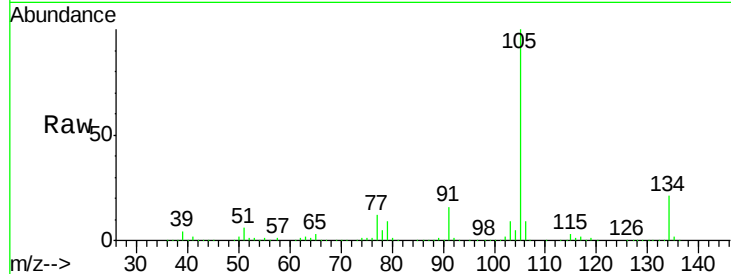




#85
 sec-Butylbenzene
 Concen: 44.133 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

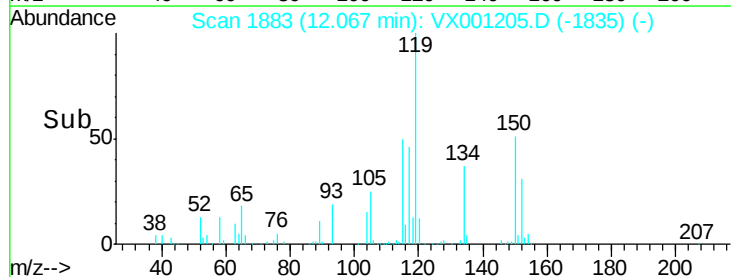
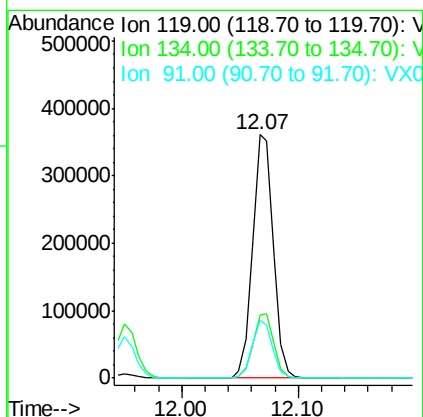
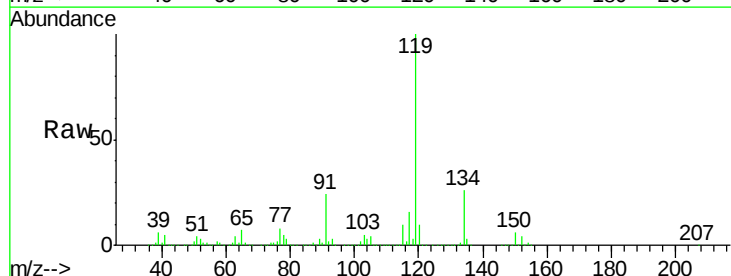
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

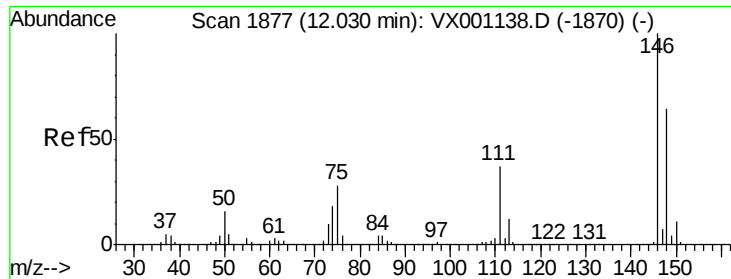
Tgt Ion:105 Resp: 476004
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 44.506 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:119 Resp: 446548
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.4 11.6 34.8

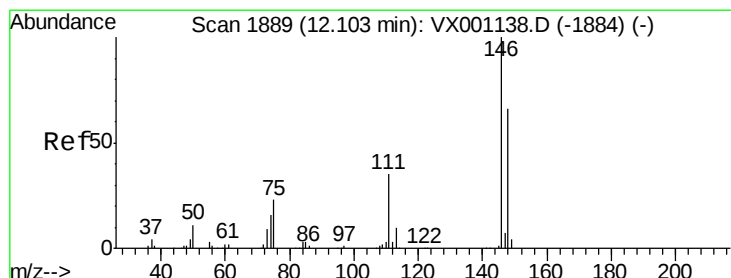
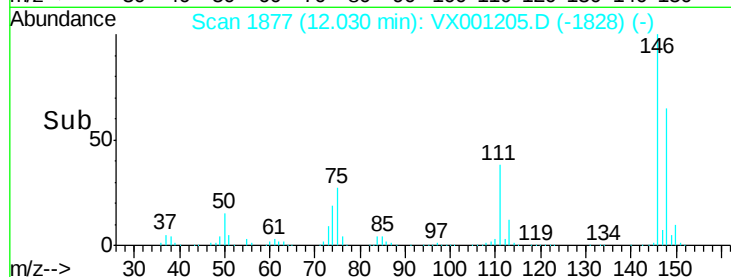
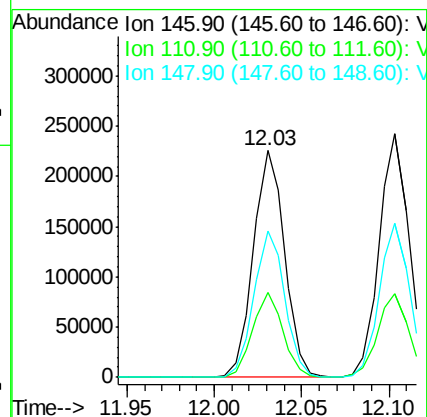
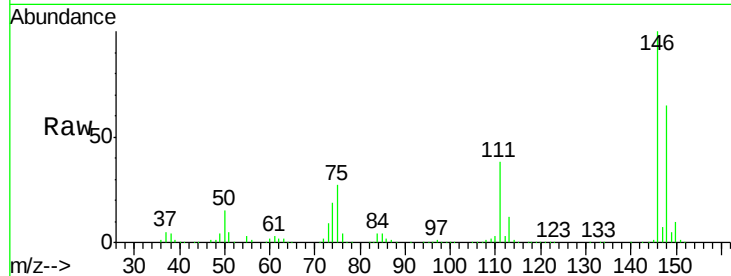




#87
 1,3-Dichlorobenzene
 Concen: 48.408 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

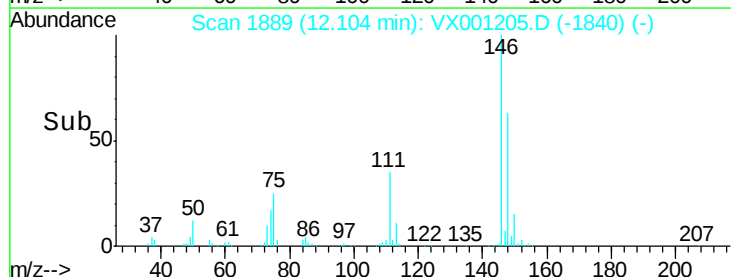
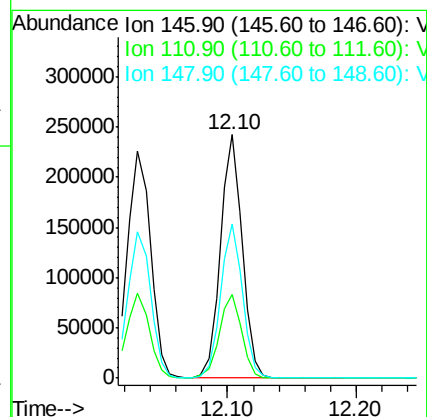
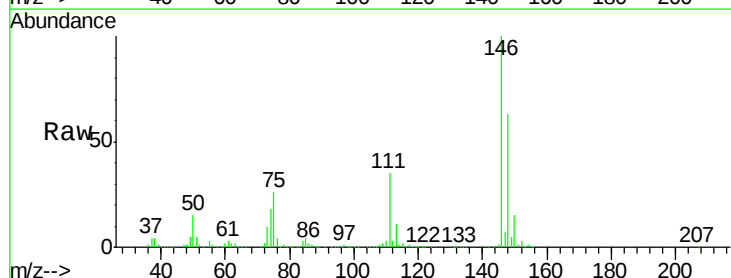
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

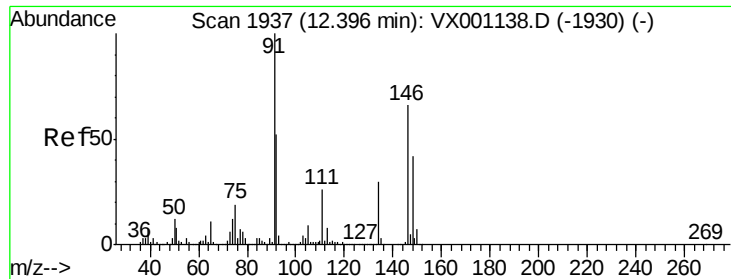
Tgt Ion:146 Resp: 281616
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 56.0
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 47.728 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:146 Resp: 289291
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.0 54.0
 148 63.9 32.5 97.5

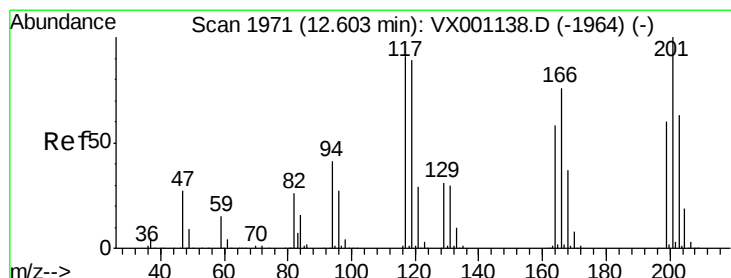
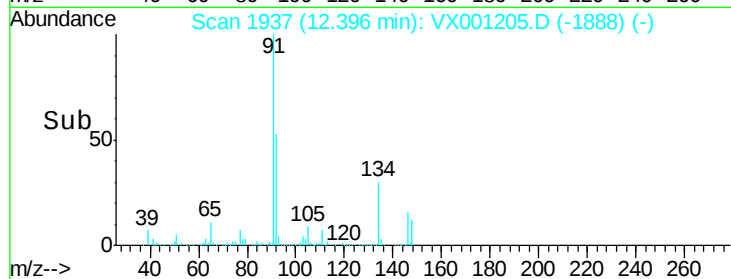
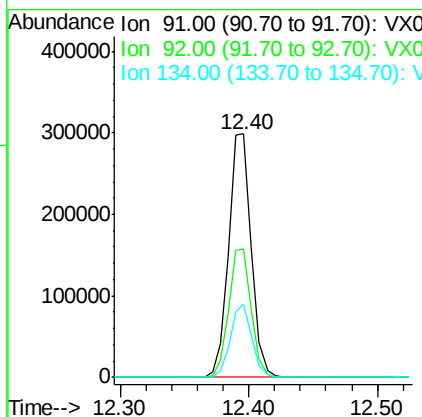
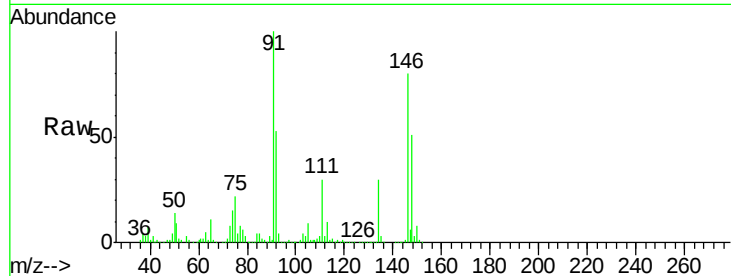




#89
n-Butylbenzene
Concen: 42.317 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

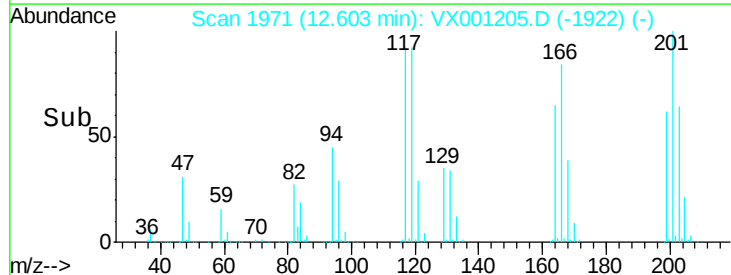
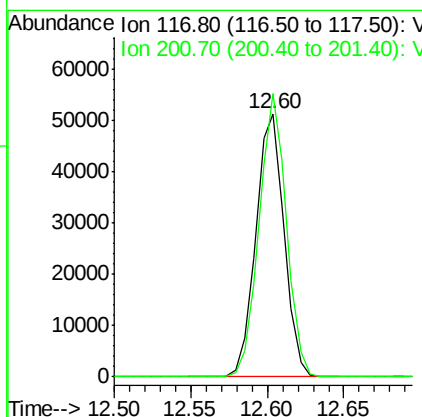
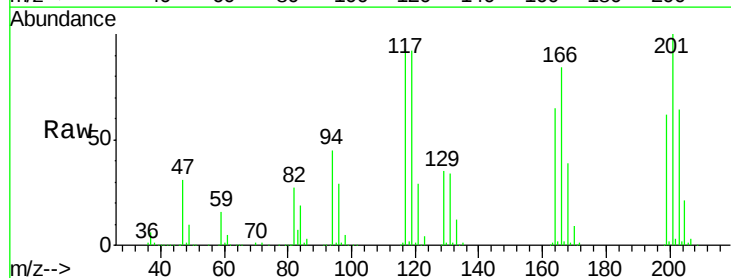
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 367473
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 28.5 14.1 42.3



#90
Hexachloroethane
Concen: 41.322 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 117 Resp: 65887
Ion Ratio Lower Upper
117 100
201 104.1 51.8 155.4

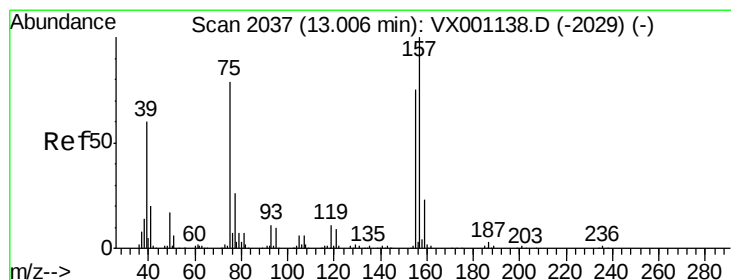
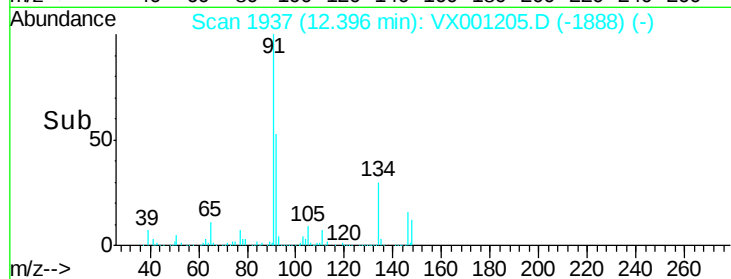
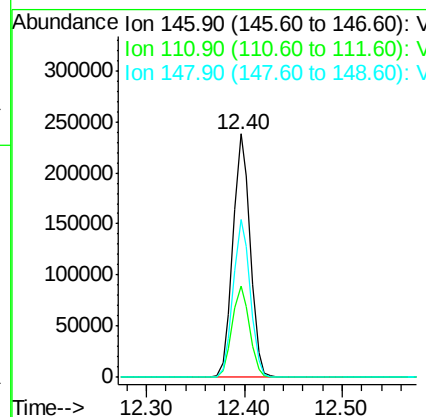
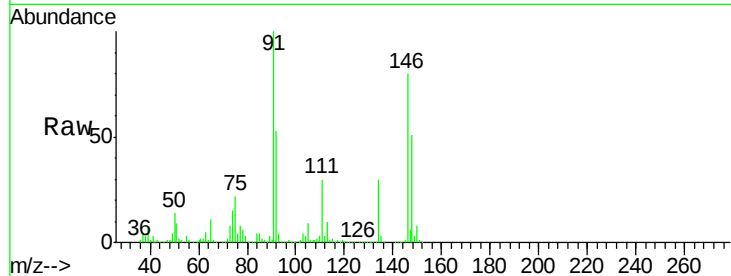




#91
 1,2-Dichlorobenzene
 Concen: 49.658 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

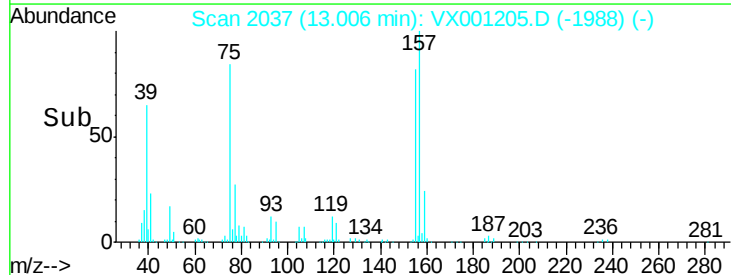
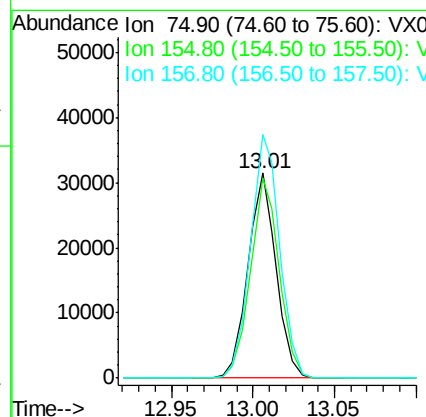
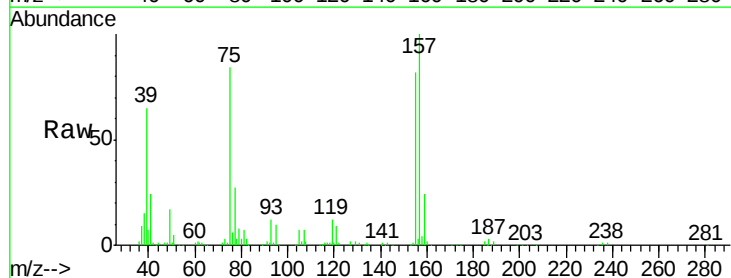
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

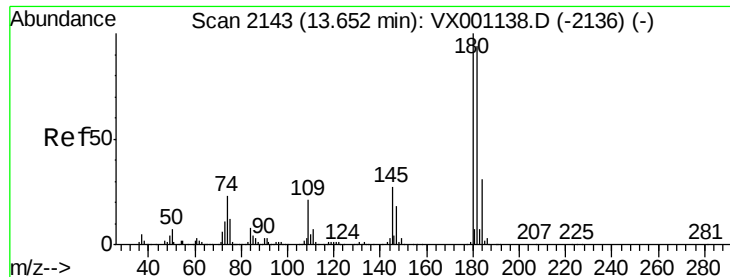
Tgt Ion: 146 Resp: 291985
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.3
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.173 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 75 Resp: 37745
 Ion Ratio Lower Upper
 75 100
 155 99.6 48.4 145.3
 157 123.7 62.7 188.1

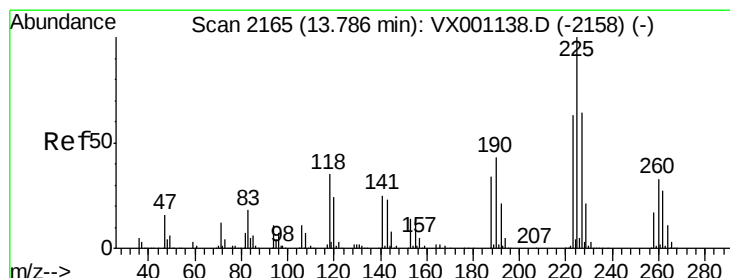
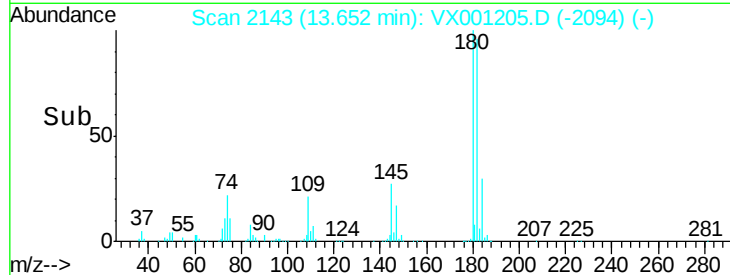
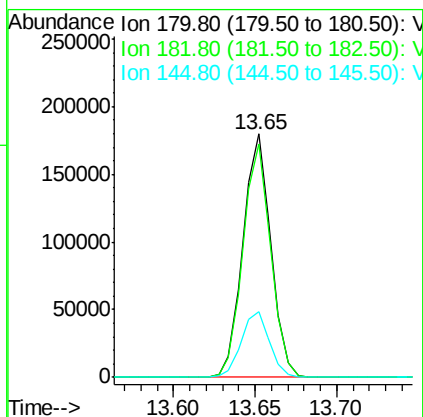
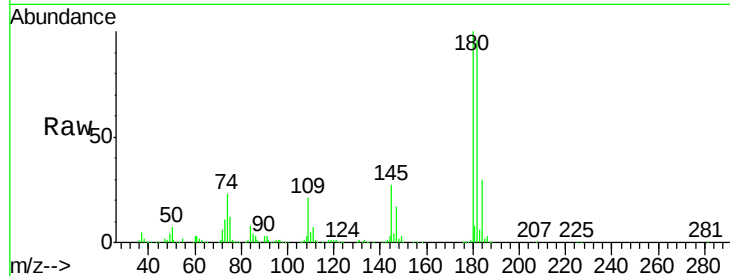




#93
 1,2,4-Trichlorobenzene
 Concen: 46.440 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

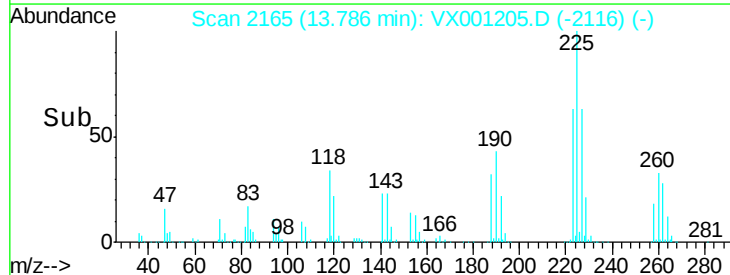
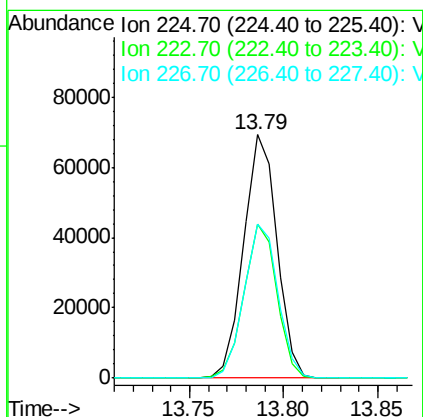
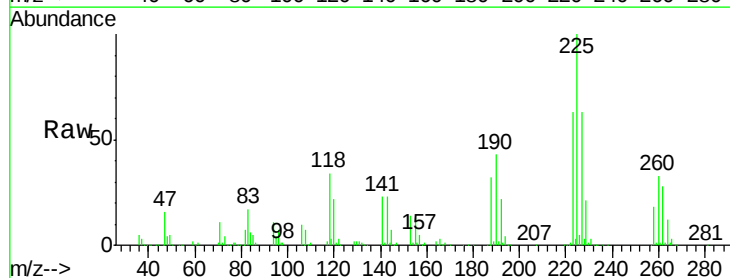
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

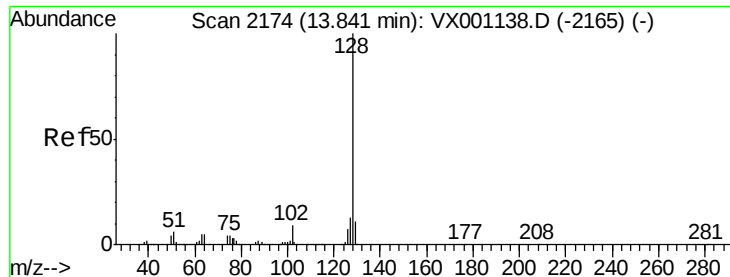
Tgt Ion:180 Resp: 214064
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.6
 145 27.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 39.210 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:225 Resp: 84957
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 64.1 32.2 96.6

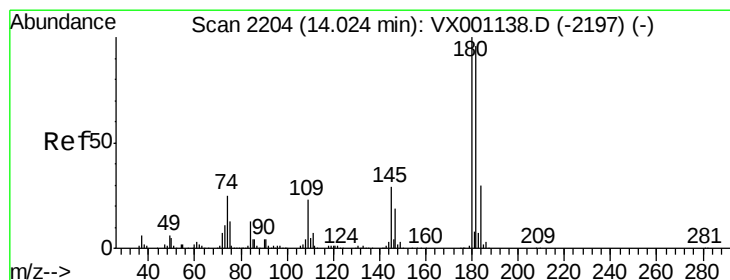
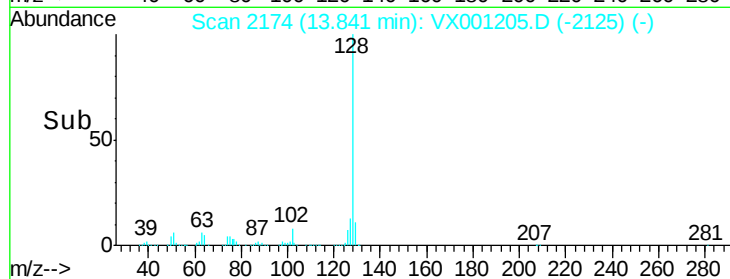
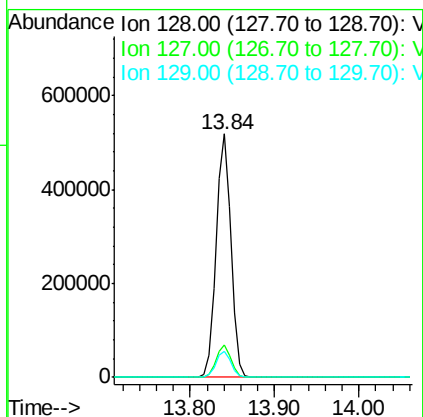
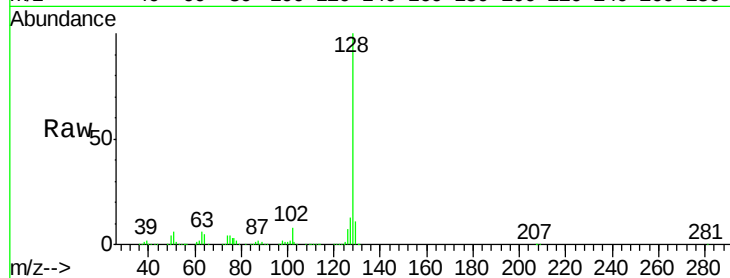




#95
Naphthalene
Concen: 49.086 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 630411
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.056 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion:180 Resp: 220434
Ion Ratio Lower Upper
180 100
182 95.5 48.2 144.6
145 29.2 14.5 43.5

