

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004044.D
 Acq On : 14 Aug 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 15 09:29:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	440366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219400	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
35) Dibromofluoromethane	5.50	113	172254	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.72	98	696753	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	260641	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	150605	53.906	ug/l	100
3) Chloromethane	1.32	50	176259	51.410	ug/l	99
4) Vinyl Chloride	1.40	62	193986	52.294	ug/l	99
5) Bromomethane	1.64	94	100287	53.361	ug/l	99
6) Chloroethane	1.72	64	133547	54.906	ug/l	99
7) Trichlorofluoromethane	1.93	101	270180	51.920	ug/l	98
8) Diethyl Ether	2.18	74	116571	51.312	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	163860	50.475	ug/l	100
10) Methyl Iodide	2.51	142	163006	47.313	ug/l	100
11) Tert butyl alcohol	3.05	59	213223	261.841	ug/l	99
12) 1,1-Dichloroethene	2.38	96	158571	52.519	ug/l	95
13) Acrolein	2.29	56	140851	254.723	ug/l	99
14) Allyl chloride	2.73	41	288639	50.242	ug/l	97
15) Acrylonitrile	3.14	53	537513	264.740	ug/l	100
16) Acetone	2.44	43	546461	259.914	ug/l	99
17) Carbon Disulfide	2.57	76	438395	51.191	ug/l	99
18) Methyl Acetate	2.77	43	243845	52.191	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	550403	51.741	ug/l	100
20) Methylene Chloride	2.86	84	185841	54.130	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	172898	50.422	ug/l	100
22) Diisopropyl ether	3.86	45	576604	51.220	ug/l #	90
23) Vinyl Acetate	3.82	43	2458842	265.930	ug/l	100
24) 1,1-Dichloroethane	3.70	63	330554	51.841	ug/l	100
25) 2-Butanone	4.70	43	904350	264.363	ug/l	99
26) 2,2-Dichloropropane	4.59	77	210757	41.574	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	199960	51.858	ug/l	96
28) Bromochloromethane	5.02	49	156124	53.367	ug/l	95
29) Tetrahydrofuran	5.15	42	452296	258.786	ug/l	98
30) Chloroform	5.22	83	319732	51.378	ug/l	100
31) Cyclohexane	5.58	56	286069	51.177	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	271105	52.133	ug/l	99
36) 1,1-Dichloropropene	5.80	75	245445	47.667	ug/l	100
37) Ethyl Acetate	4.85	43	273555	48.785	ug/l	100
38) Carbon Tetrachloride	5.79	117	244792	48.931	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	290275	49.691	ug/l	98
40) Benzene	6.15	78	769679	49.779	ug/l	100
41) Methacrylonitrile	5.06	41	149854	47.718	ug/l	99
42) 1,2-Dichloroethane	6.20	62	267299	49.387	ug/l	99
43) Isopropyl Acetate	6.46	43	415690	50.294	ug/l	100
44) Trichloroethene	7.21	130	204365	48.687	ug/l	98
45) 1,2-Dichloropropane	7.52	63	199116	50.305	ug/l	99
46) Dibromomethane	7.67	93	129080	49.902	ug/l	99
47) Bromodichloromethane	7.90	83	249722	50.974	ug/l	100
48) Methyl methacrylate	7.78	41	220873	53.086	ug/l	98
49) 1,4-Dioxane	7.76	88	97187	1037.504	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1797694	265.262	ug/l	100
52) Toluene	8.79	92	494982	50.619	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	269851	50.988	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	297545	50.766	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	200521	49.657	ug/l	99
56) Ethyl methacrylate	9.18	69	299603	54.560	ug/l	99
57) 1,3-Dichloropropane	9.37	76	339873	50.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	769451	275.181	ug/l	100
59) 2-Hexanone	9.50	43	1377053	269.985	ug/l	100
60) Dibromochloromethane	9.59	129	202151	52.020	ug/l	99
61) 1,2-Dibromoethane	9.68	107	210451	51.123	ug/l	99
64) Tetrachloroethene	9.34	164	204946	49.104	ug/l	95
65) Chlorobenzene	10.14	112	538881	47.373	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	191519	49.365	ug/l	98
67) Ethyl Benzene	10.26	91	921140	51.138	ug/l	98
68) m/p-Xylenes	10.36	106	731927	103.765	ug/l	98
69) o-Xylene	10.70	106	350184	51.948	ug/l	96
70) Styrene	10.71	104	603278	53.176	ug/l	98
71) Bromoform	10.86	173	157630	51.237	ug/l #	98
73) Isopropylbenzene	11.02	105	932547	50.612	ug/l	96
74) N-amyl acetate	6.46	43	415690	47.966	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	313188	48.674	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	355195	65.052	ug/l	85
77) Bromobenzene	11.26	156	248654	48.955	ug/l	99
78) n-propylbenzene	11.36	91	1082010	52.474	ug/l	100
79) 2-Chlorotoluene	11.42	91	635122	50.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	774377	51.328	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	86323	48.939	ug/l	99
82) 4-Chlorotoluene	11.51	91	735453	49.513	ug/l	100
83) tert-Butylbenzene	11.77	119	781593	51.382	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	810573	51.875	ug/l	100
85) sec-Butylbenzene	11.95	105	933253	52.419	ug/l	99
86) p-Isopropyltoluene	12.07	119	845550	52.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	461622	47.652	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	461875	46.326	ug/l	99
89) n-Butylbenzene	12.39	91	656437	51.686	ug/l	99
90) Hexachloroethane	12.60	117	114457	47.461	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	438072	50.142	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56328	49.809	ug/l	98

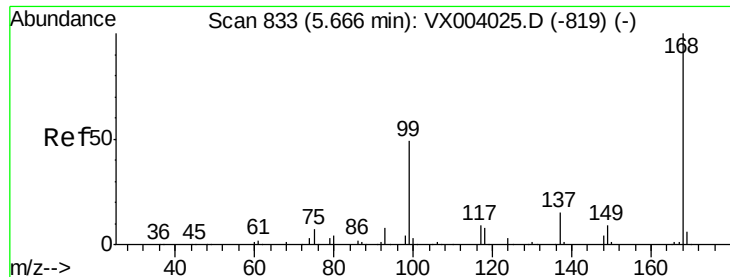
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296436	49.637	ug/l	99
94) Hexachlorobutadiene	13.79	225	139925	46.741	ug/l	97
95) Naphthalene	13.83	128	979628	51.426	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	330029	50.679	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

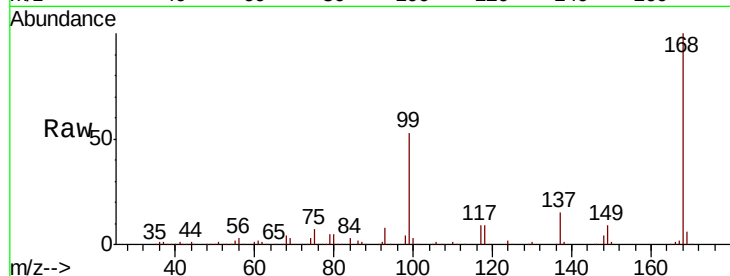
VSTDCCC050EC

Tgt Ion:168 Resp: 287009

Ion Ratio Lower Upper

168 100

99 52.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

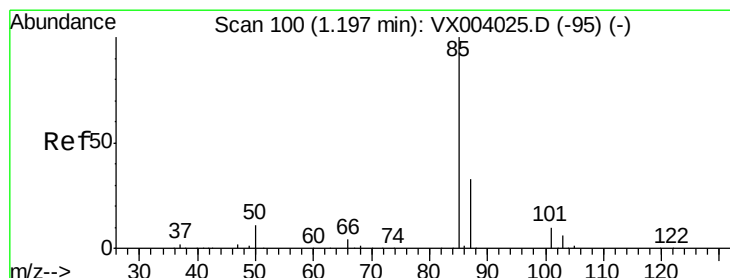
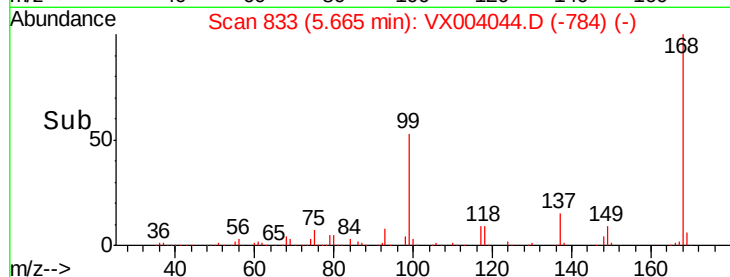
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.906 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004044.D

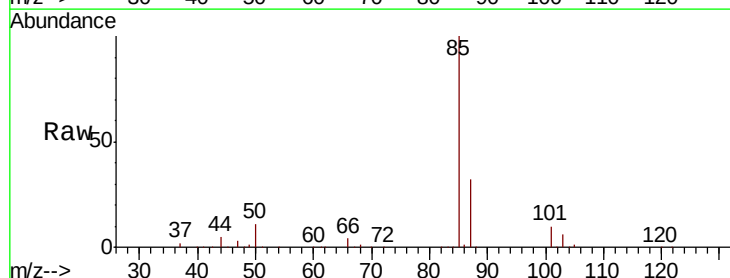
Acq: 14 Aug 2018 21:16

Tgt Ion: 85 Resp: 150605

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

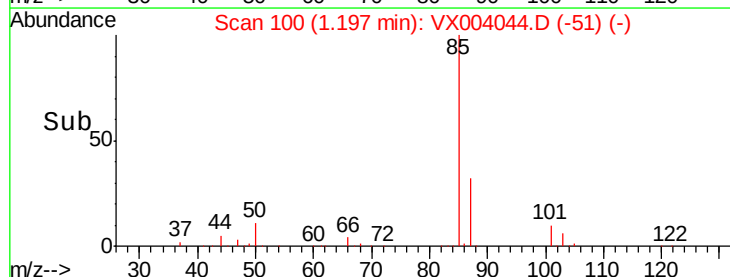
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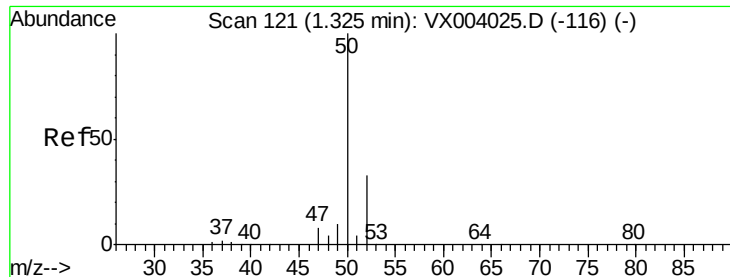
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 51.410 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

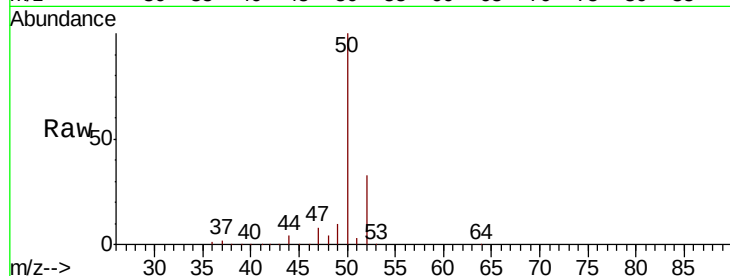
VSTDCCC050EC

Tgt Ion: 50 Resp: 176259

Ion Ratio Lower Upper

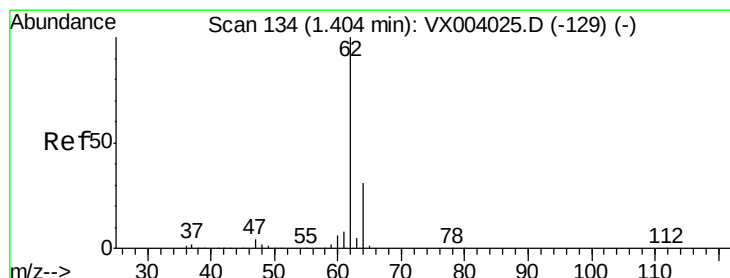
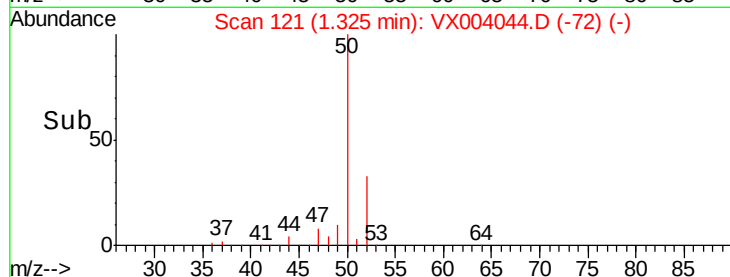
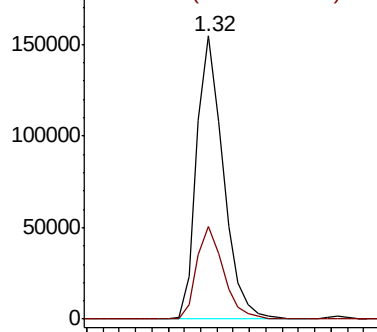
50 100

52 32.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.294 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004044.D

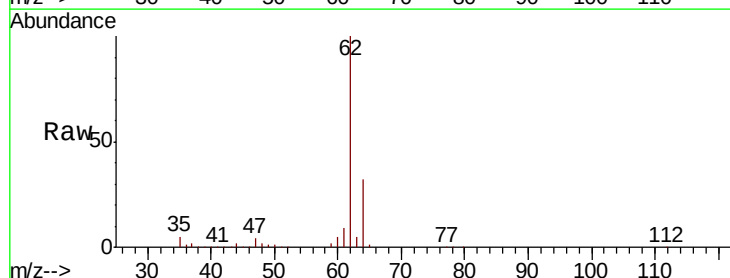
Acq: 14 Aug 2018 21:16

Tgt Ion: 62 Resp: 193986

Ion Ratio Lower Upper

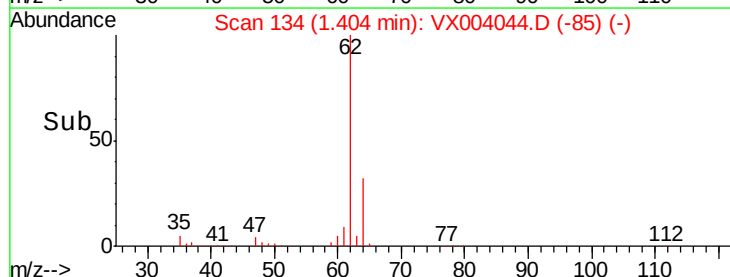
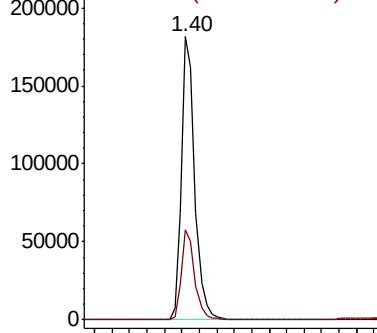
62 100

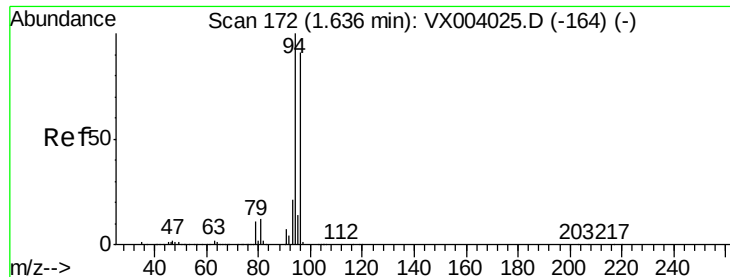
64 31.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.361 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

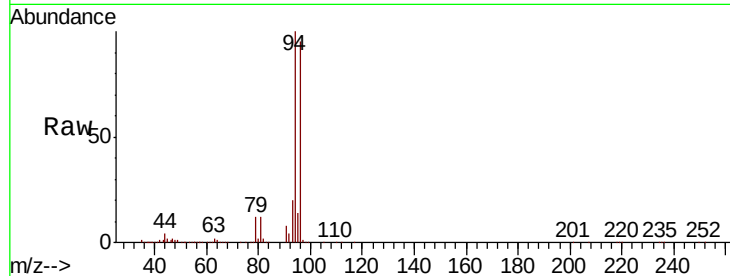
VSTDCCC050EC

Tgt Ion: 94 Resp: 100287

Ion Ratio Lower Upper

94 100

96 95.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

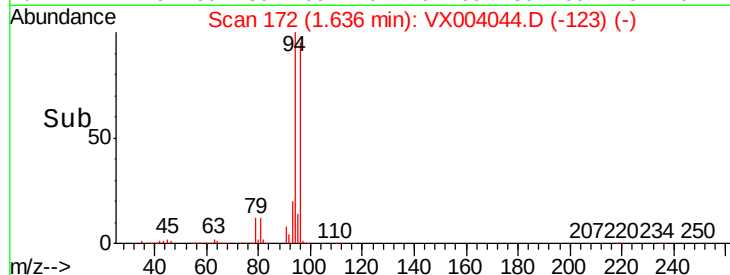
20000

0

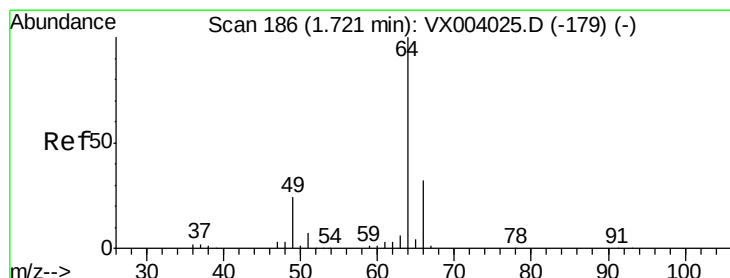
1.64

1.65

1.70



Time-->



#6

Chloroethane

Concen: 54.906 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004044.D

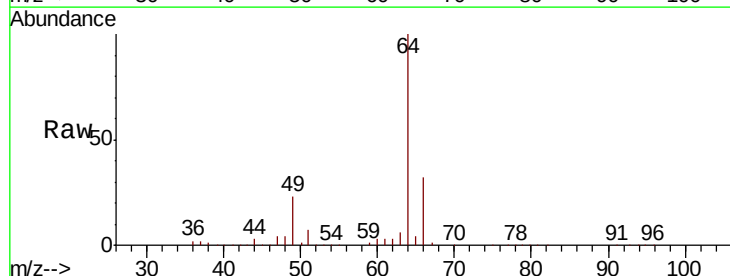
Acq: 14 Aug 2018 21:16

Tgt Ion: 64 Resp: 133547

Ion Ratio Lower Upper

64 100

66 32.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

60000

40000

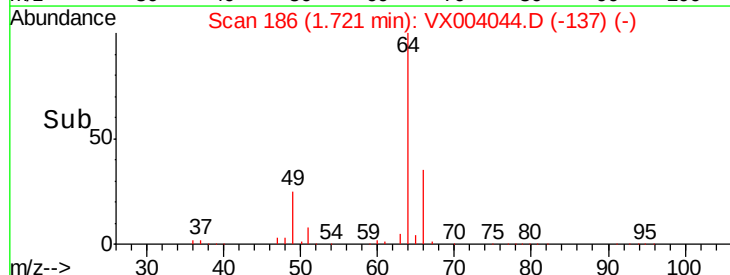
20000

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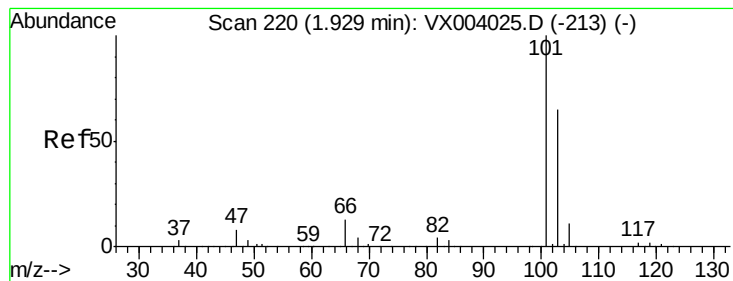
1.72

1.75

1.80



Time-->

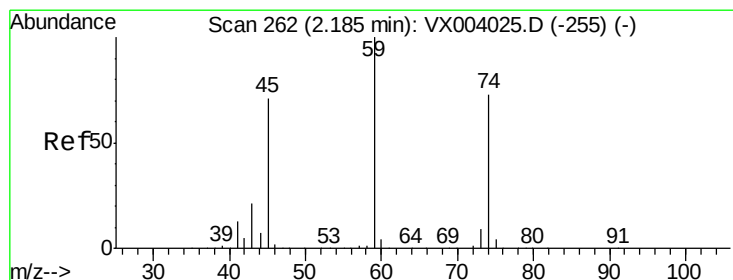
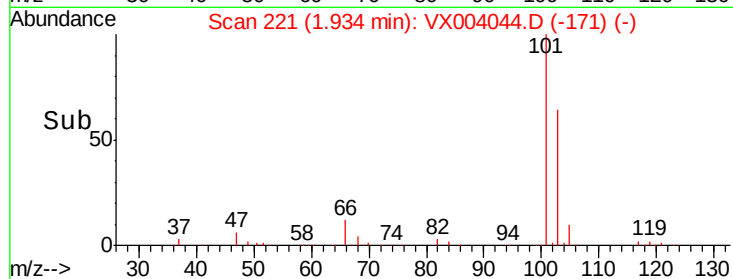
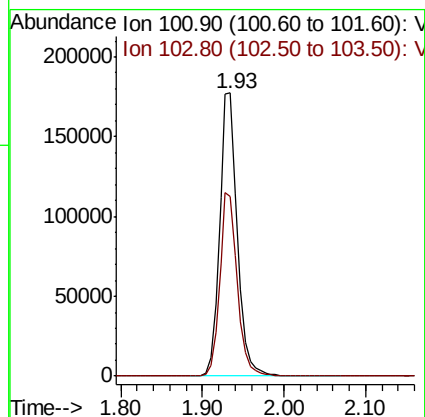
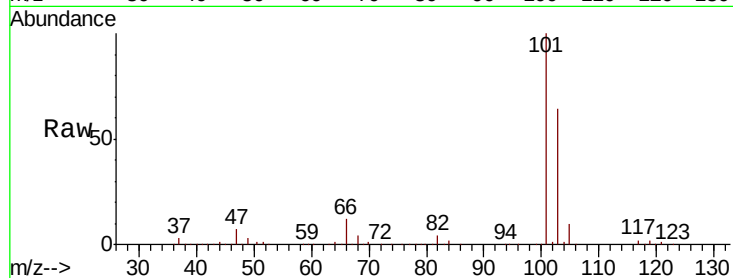


#7

Trichlorofluoromethane
 Concen: 51.920 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

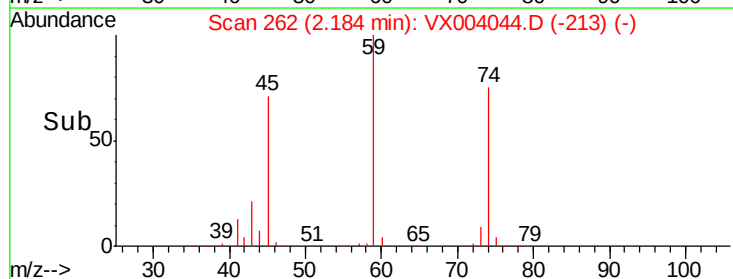
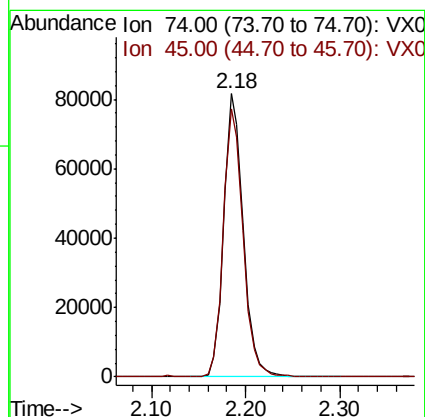
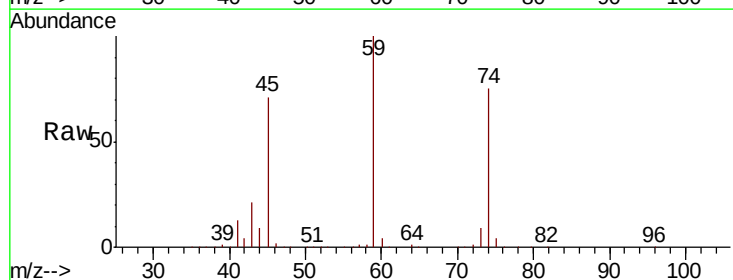
Tgt Ion: 101 Resp: 270180
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5

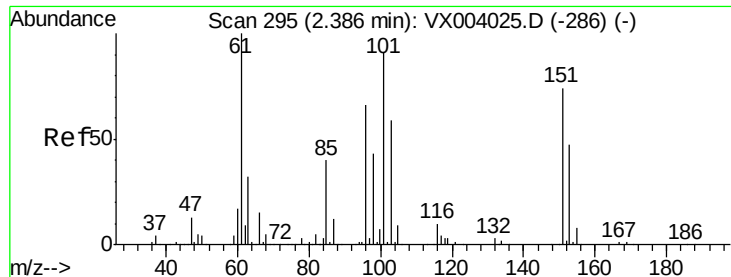


#8

Diethyl Ether
 Concen: 51.312 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 74 Resp: 116571
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.475 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

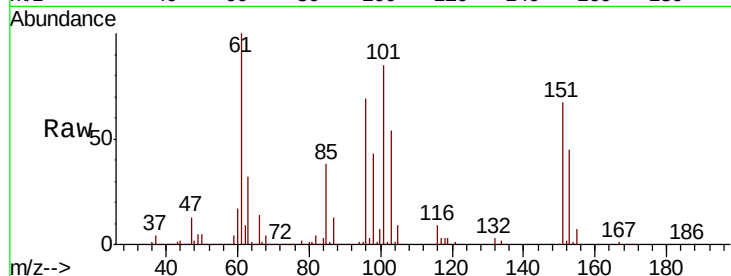
Tgt Ion:101 Resp: 163860

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

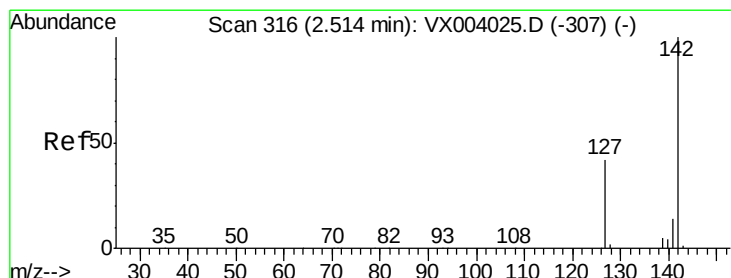
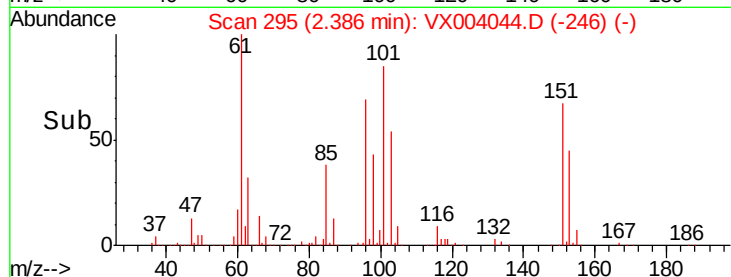
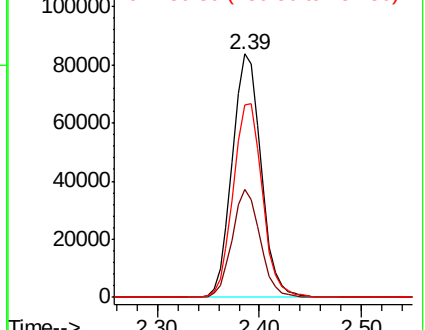
151 80.7 65.0 97.4



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: 47.313 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

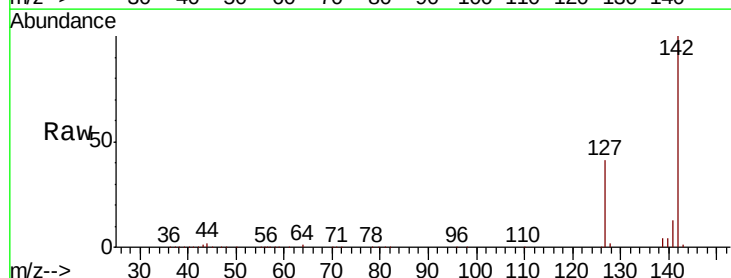
Tgt Ion:142 Resp: 163006

Ion Ratio Lower Upper

142 100

127 41.6 33.1 49.7

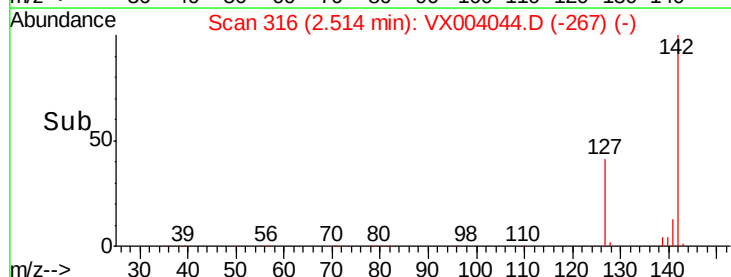
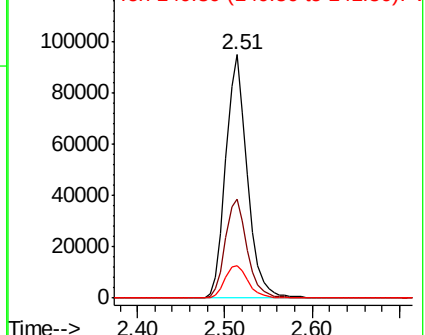
141 14.2 11.1 16.7

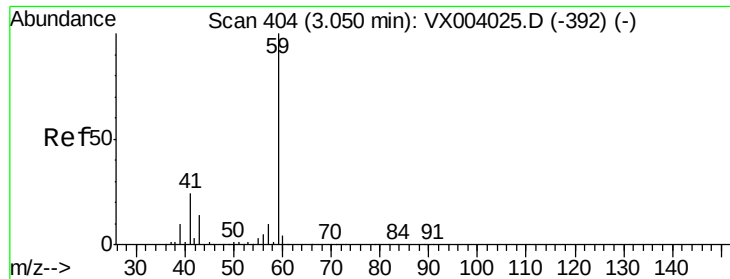


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

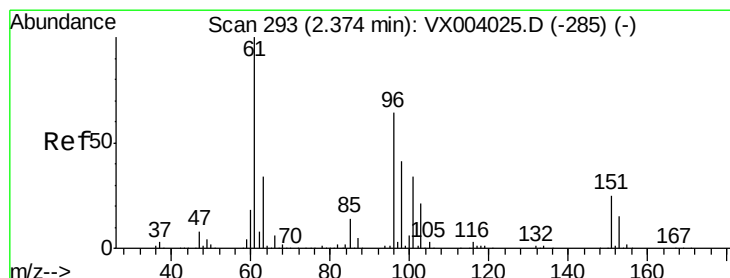
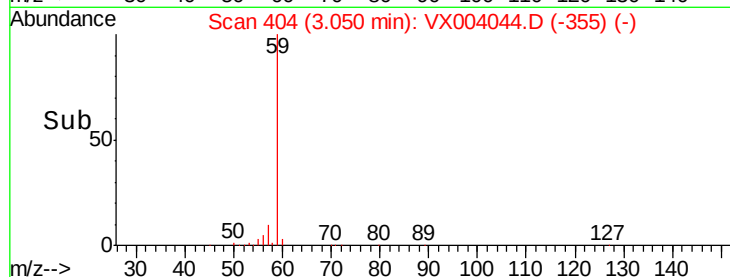
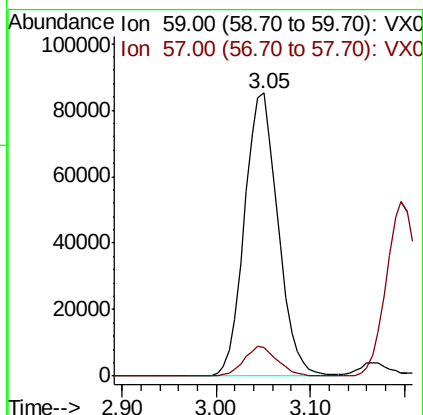
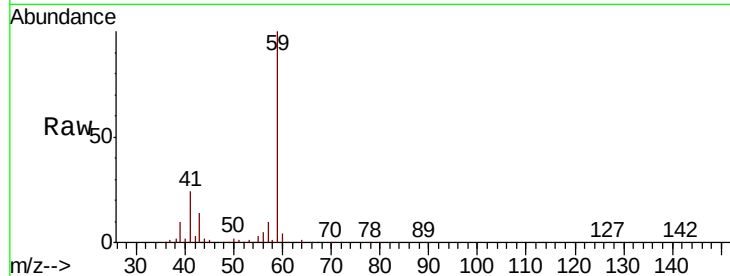




#11
Tert butyl alcohol
Concen: 261.841 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

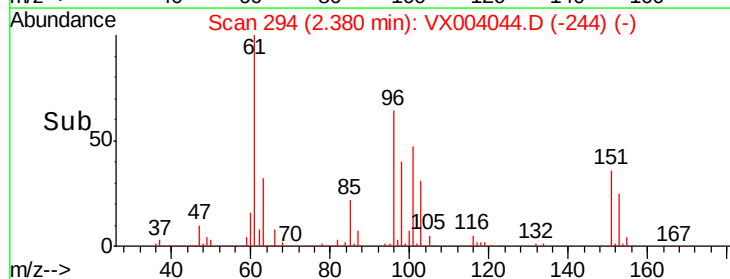
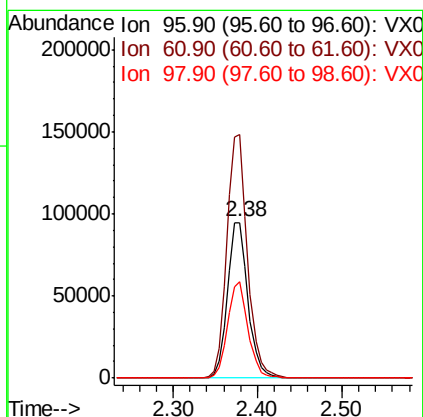
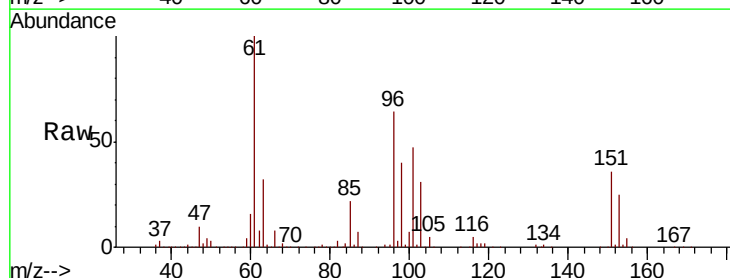
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

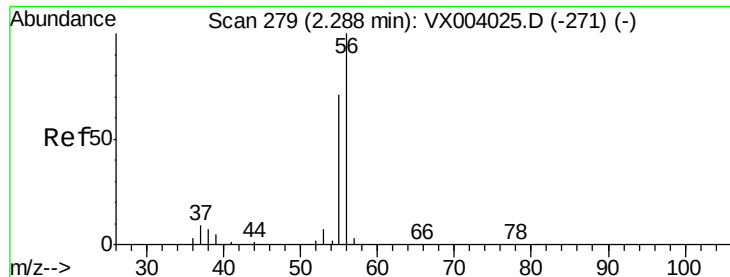
Tgt Ion: 59 Resp: 213223
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 52.519 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 96 Resp: 158571
Ion Ratio Lower Upper
96 100
61 156.5 131.3 196.9
98 62.1 51.8 77.6





#13

Acrolein

Concen: 254.723 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

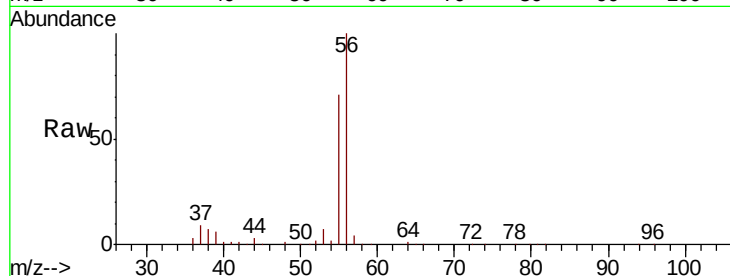
VSTDCCC050EC

Tgt Ion: 56 Resp: 140851

Ion Ratio Lower Upper

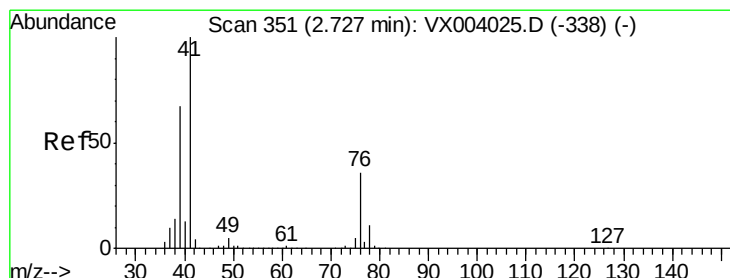
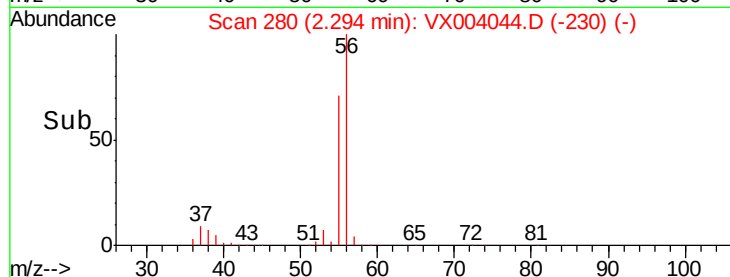
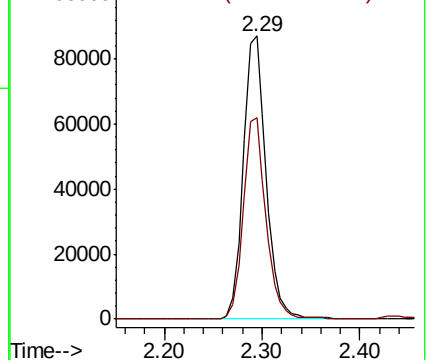
56 100

55 70.7 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.242 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

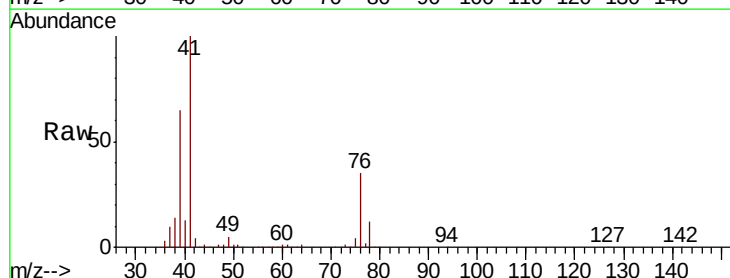
Tgt Ion: 41 Resp: 288639

Ion Ratio Lower Upper

41 100

39 62.2 47.4 71.0

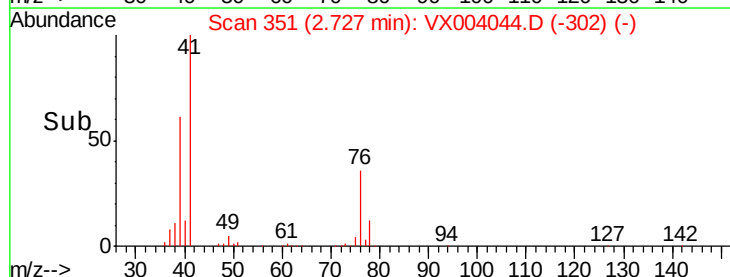
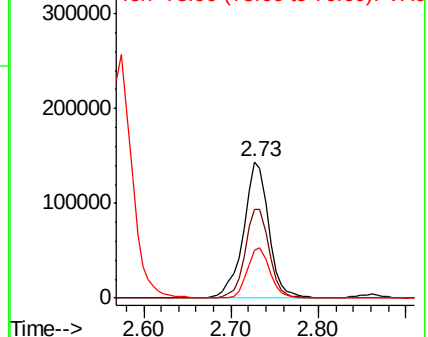
76 33.1 26.0 39.0

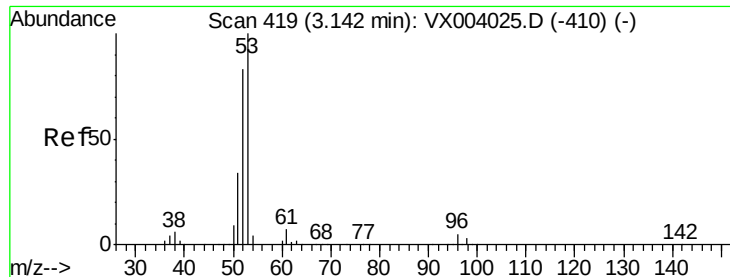


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

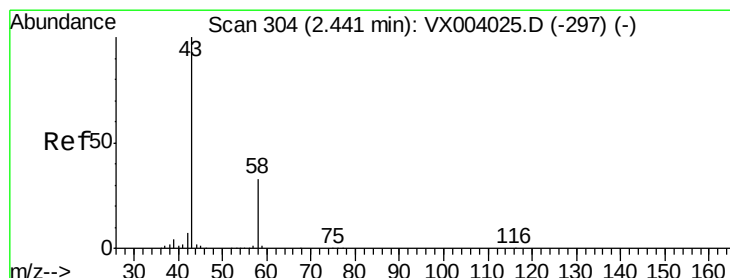
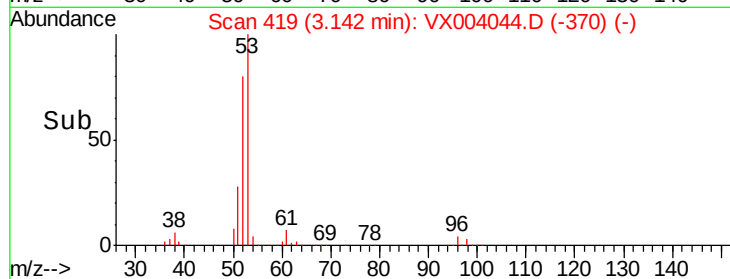
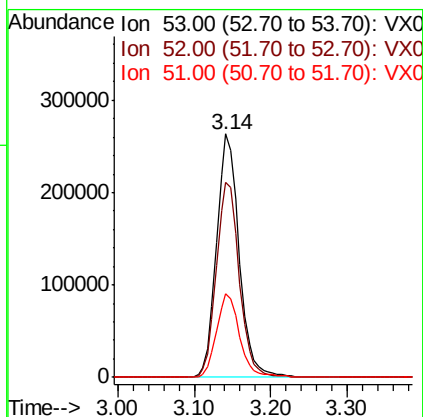
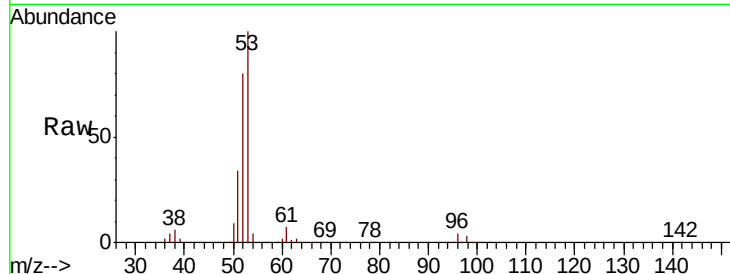




#15
 Acrylonitrile
 Concen: 264.740 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

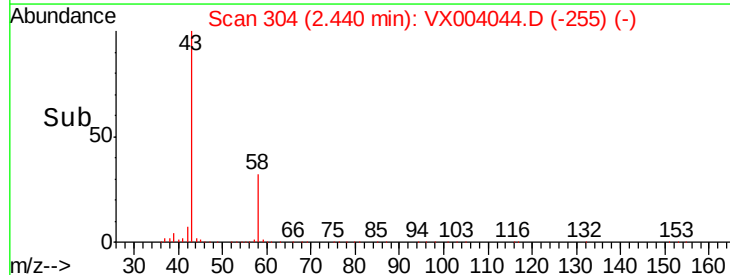
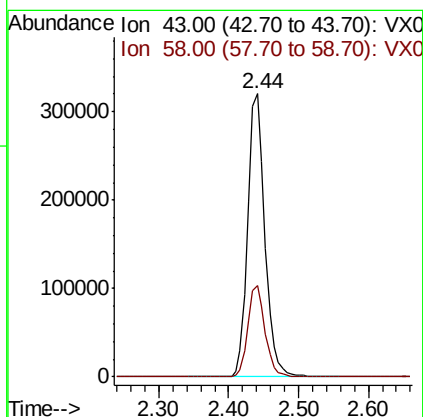
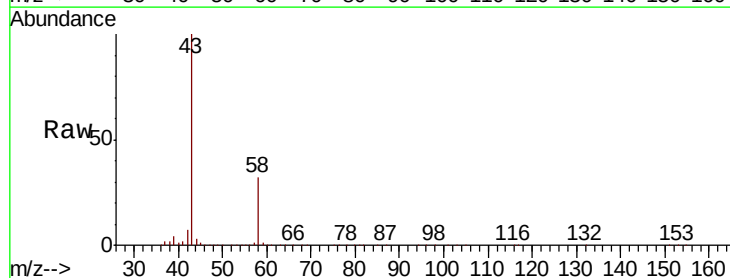
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

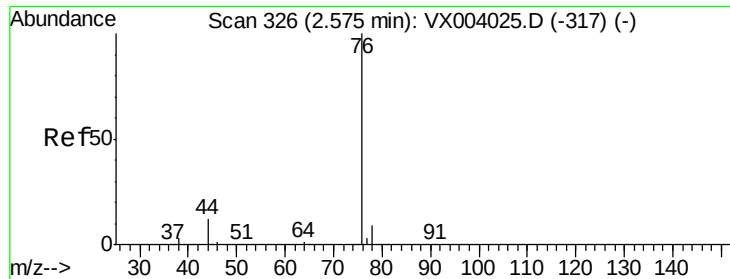
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.3	97.9
51	35.2	27.9	41.9



#16
 Acetone
 Concen: 259.914 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.4	39.6

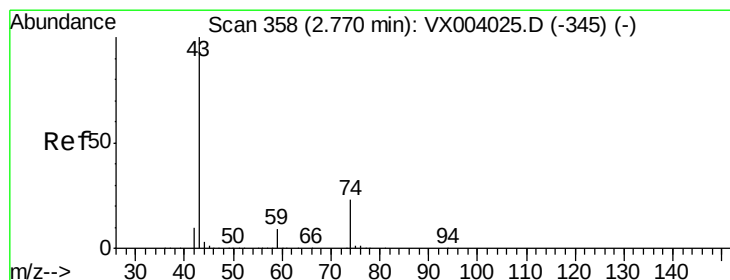
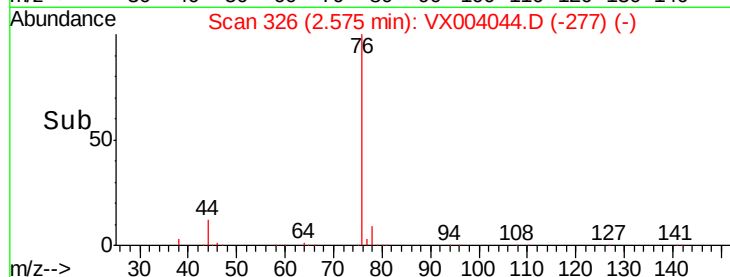
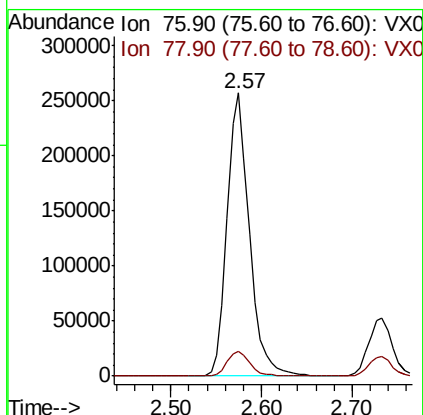
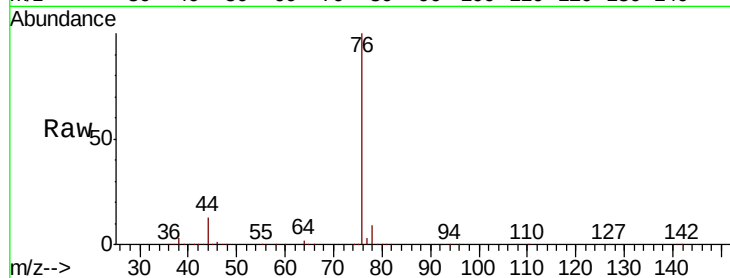




#17
Carbon Disulfide
Concen: 51.191 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

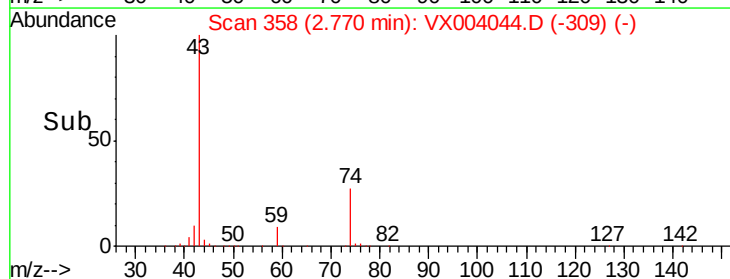
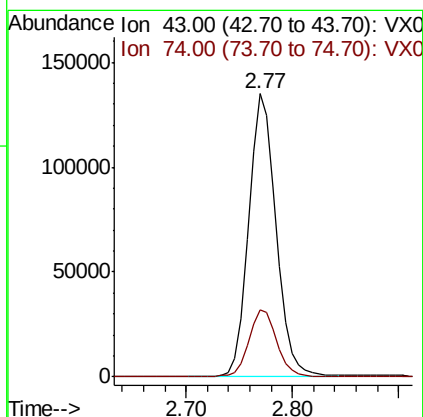
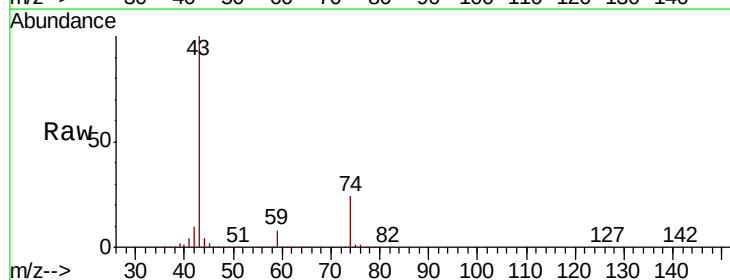
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

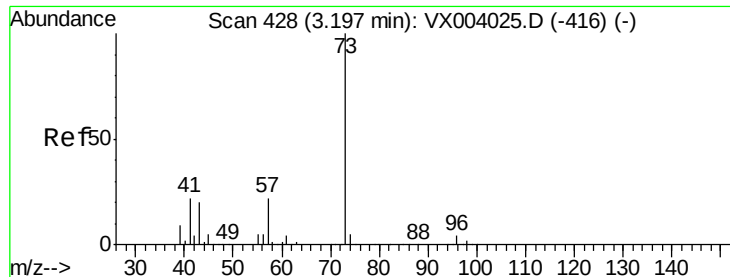
Tgt Ion: 76 Resp: 438395
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 52.191 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 43 Resp: 243845
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



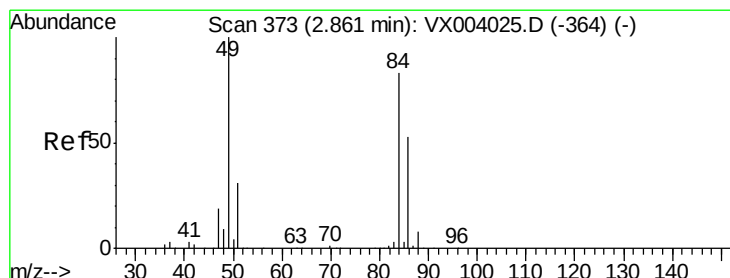
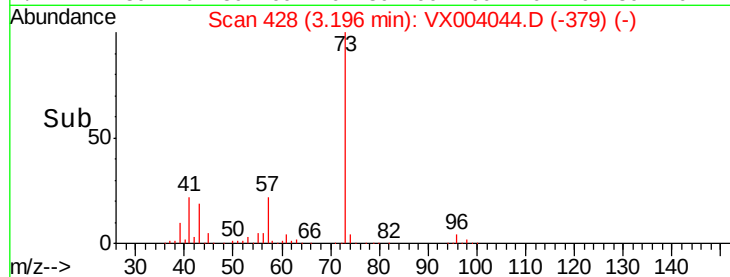
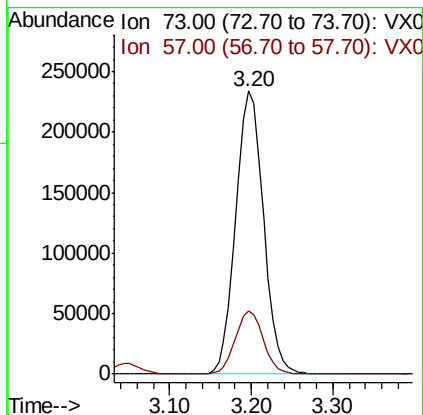
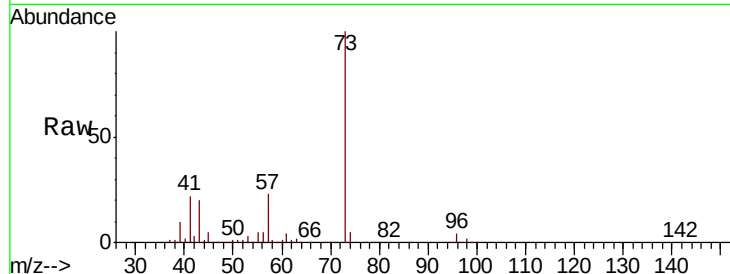


#19

Methyl tert-butyl Ether
 Concen: 51.741 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

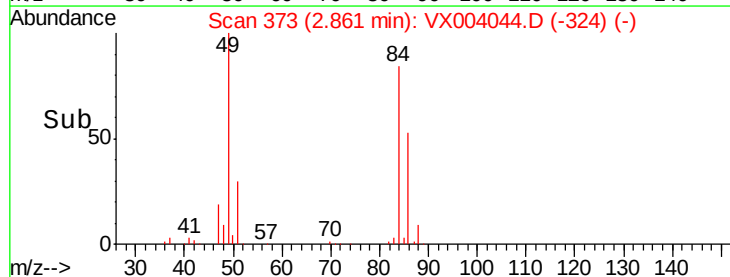
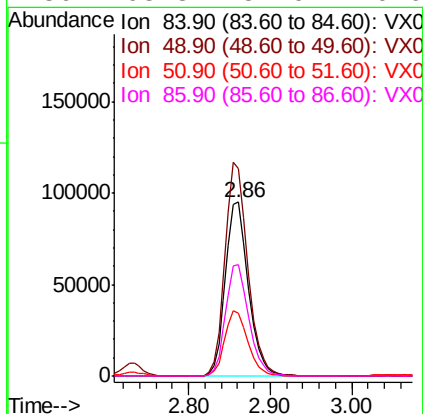
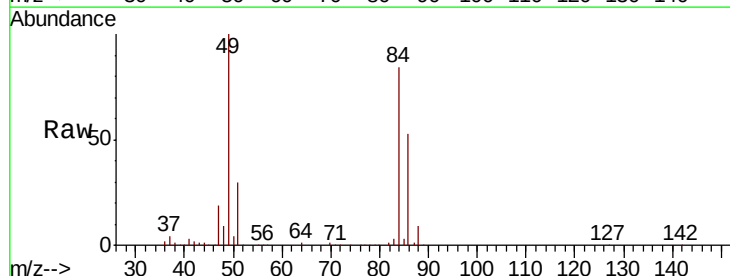
Tgt Ion: 73 Resp: 550403
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.0 27.0

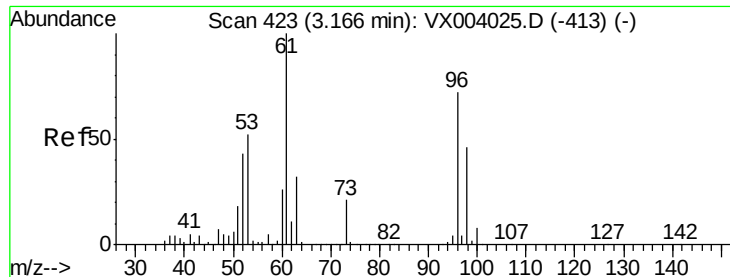


#20

Methylene Chloride
 Concen: 54.130 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 84 Resp: 185841
 Ion Ratio Lower Upper
 84 100
 49 119.5 98.9 148.3
 51 35.9 29.9 44.9
 86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.422 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

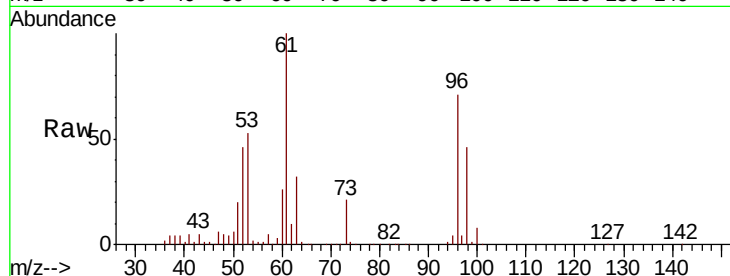
Tgt Ion: 96 Resp: 172898

Ion Ratio Lower Upper

96 100

61 140.1 111.8 167.6

98 65.0 51.8 77.6

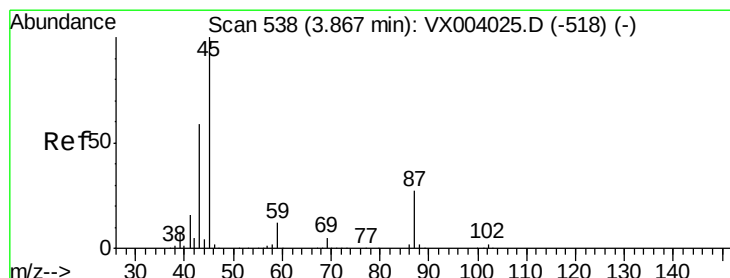
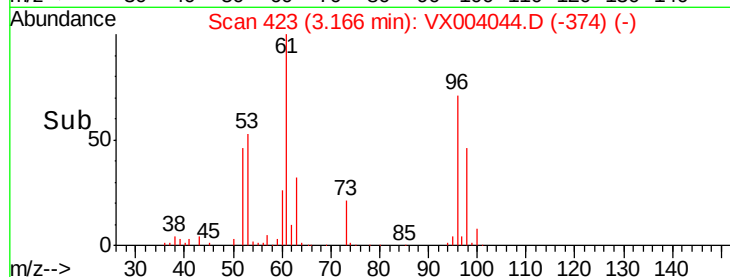
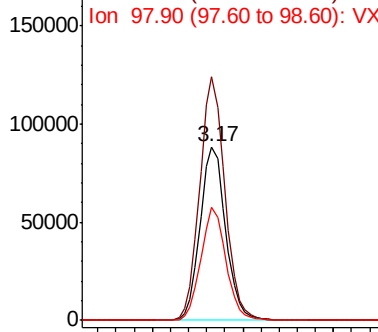


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.220 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Tgt Ion: 45 Resp: 576604

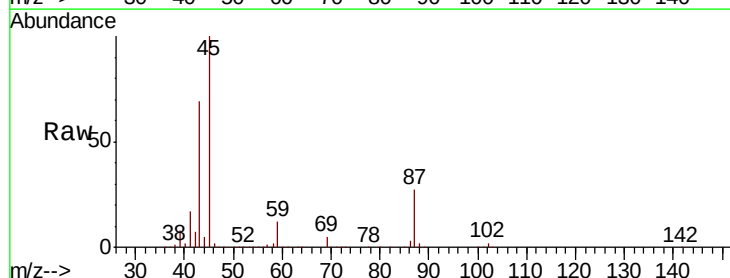
Ion Ratio Lower Upper

45 100

43 68.5 45.3 67.9#

87 27.1 22.7 34.1

59 11.8 9.6 14.4



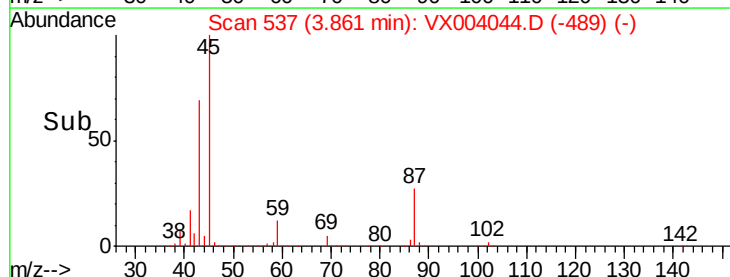
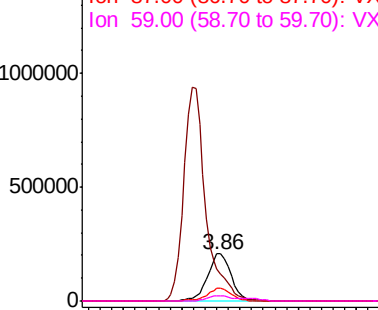
Abundance

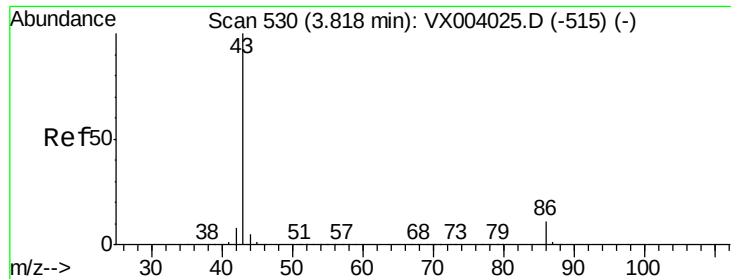
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 265.930 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

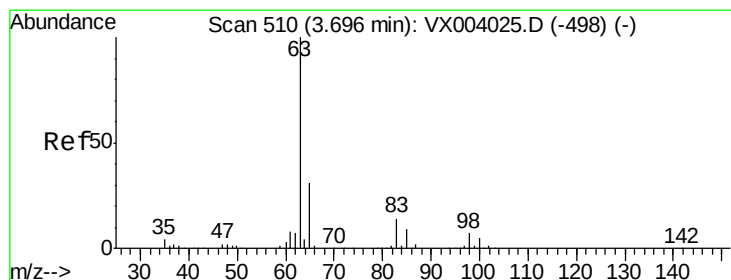
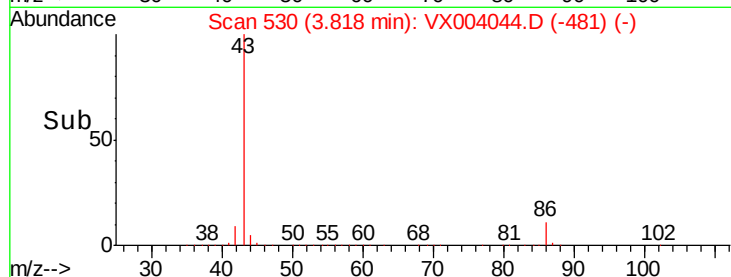
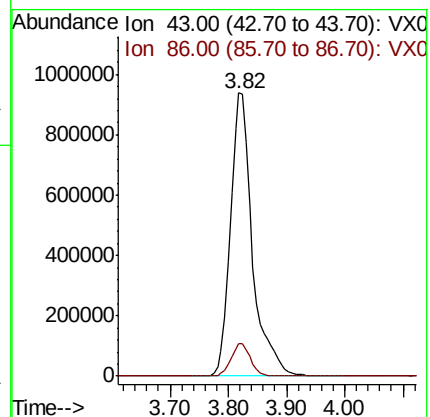
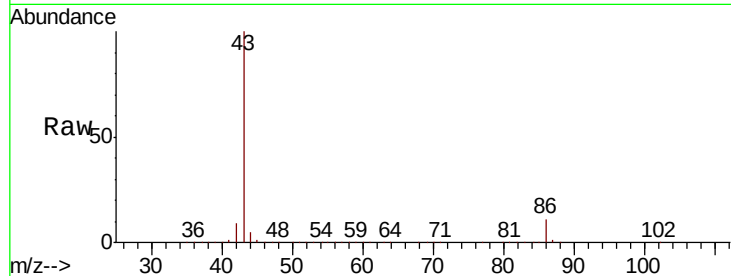
VSTDCCC050EC

Tgt Ion: 43 Resp: 2458842

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.841 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

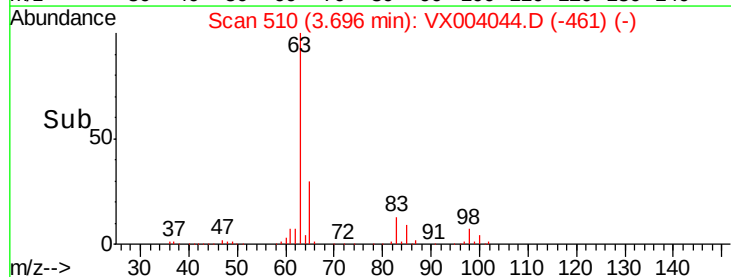
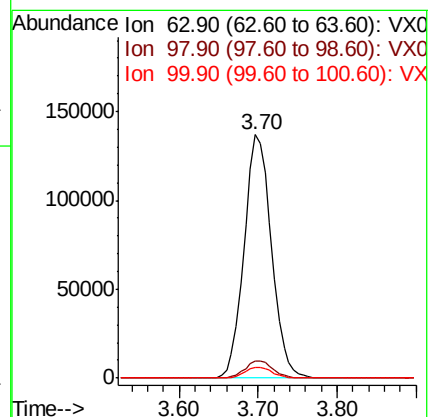
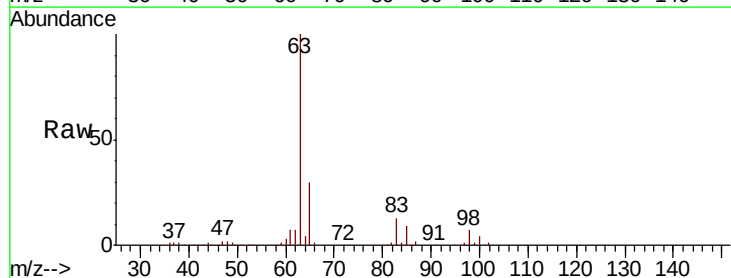
Tgt Ion: 63 Resp: 330554

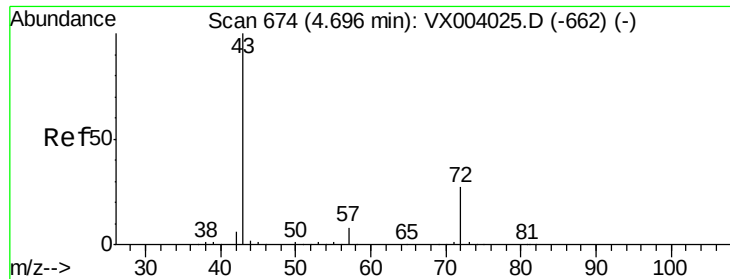
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 264.363 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

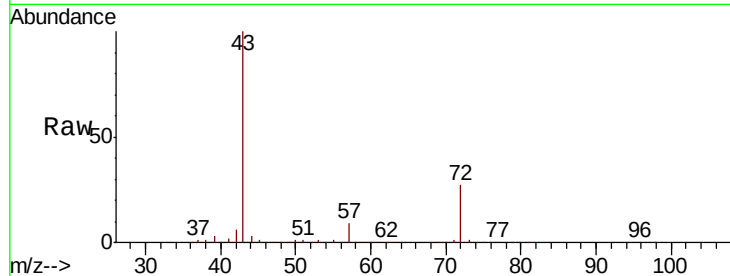
VSTDCCC050EC

Tgt Ion: 43 Resp: 904350

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

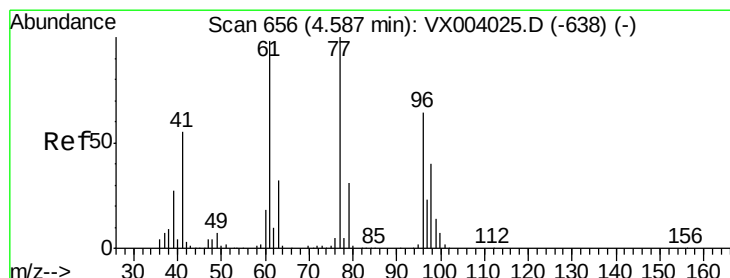
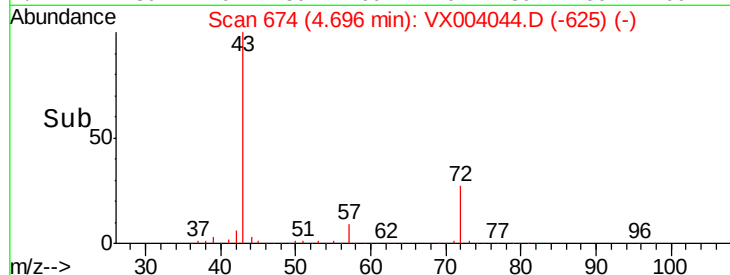
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.574 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004044.D

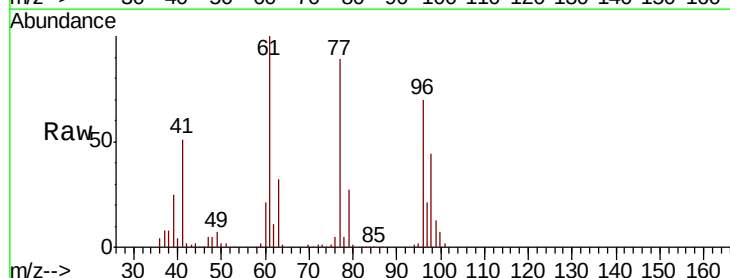
Acq: 14 Aug 2018 21:16

Tgt Ion: 77 Resp: 210757

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

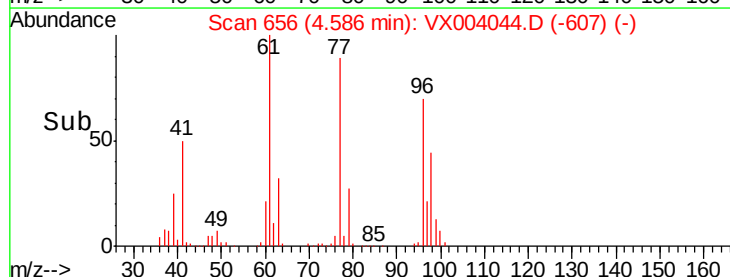
60000

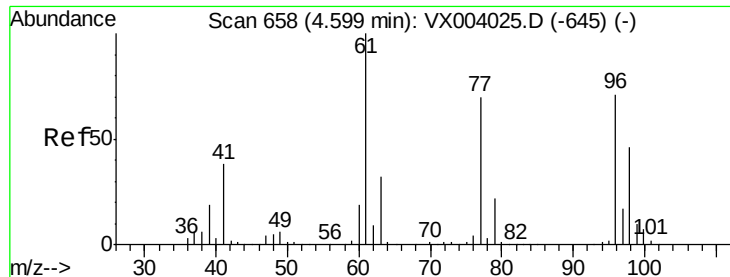
40000

20000

0

Time-->



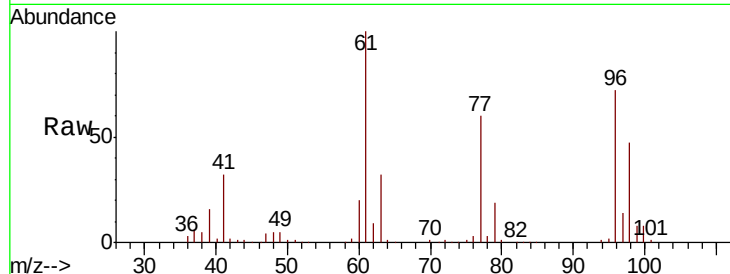


#27

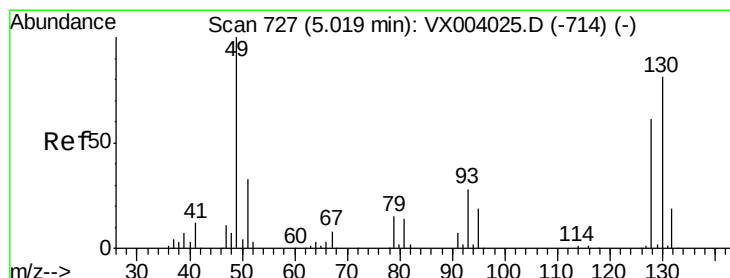
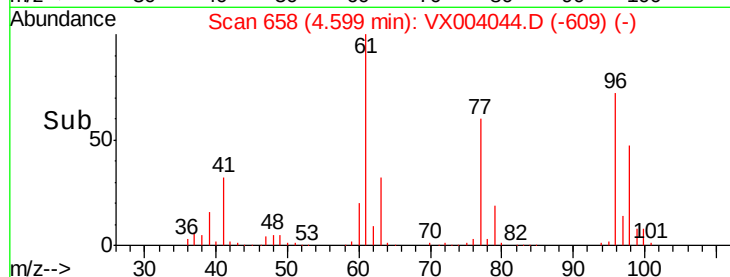
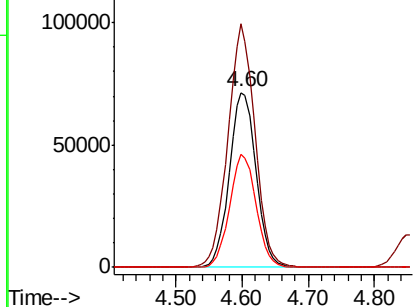
cis-1,2-Dichloroethene
 Concen: 51.858 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	293.0
98	64.3	0.0	131.8



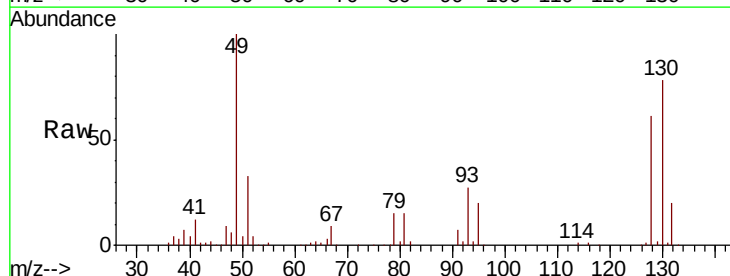
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



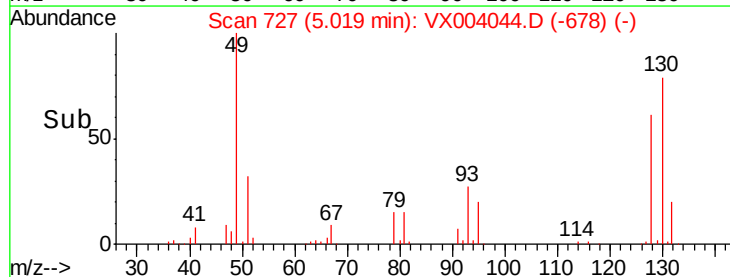
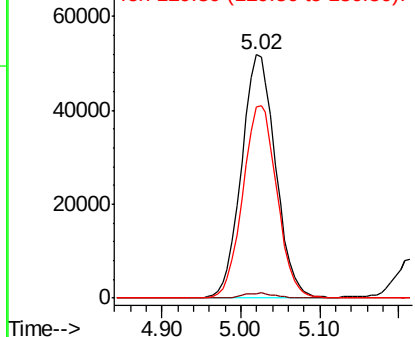
#28

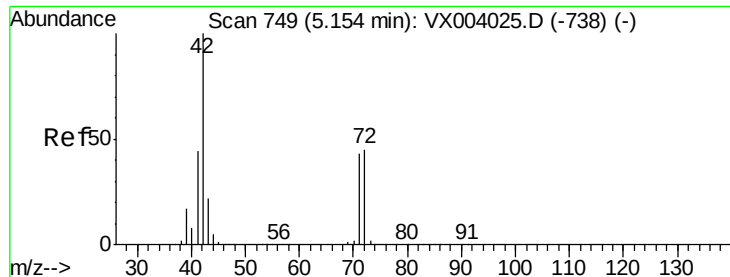
Bromochloromethane
 Concen: 53.367 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	78.9	66.5	99.7



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

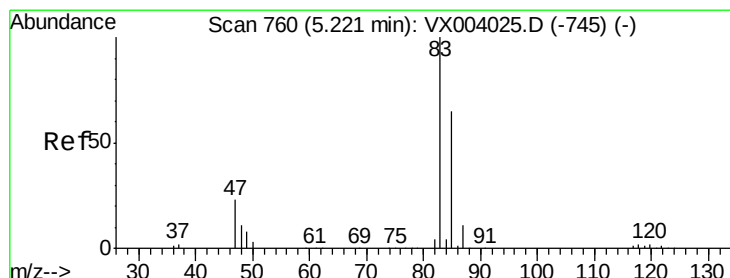
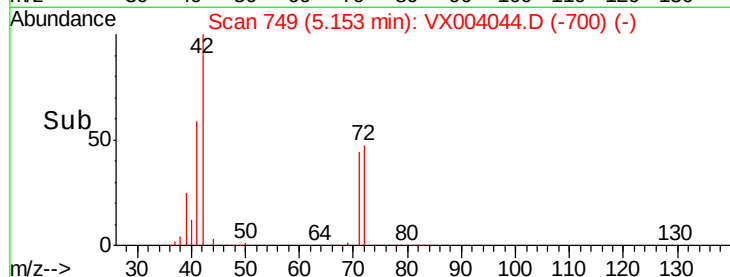
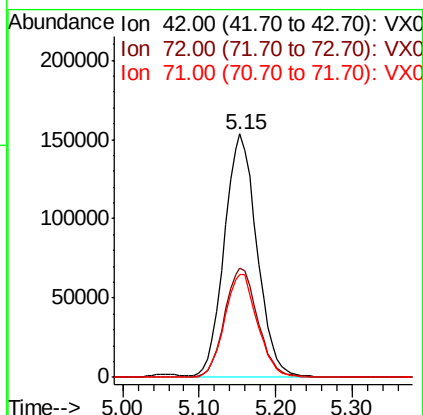
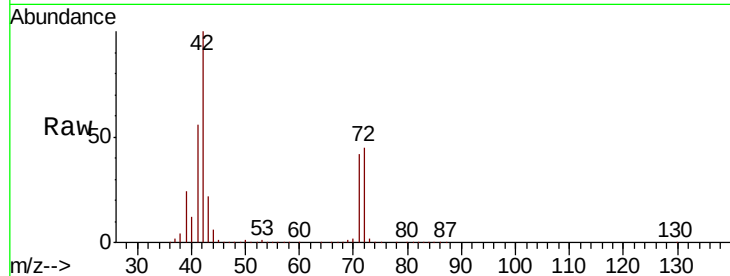




#29
Tetrahydrofuran
Concen: 258.786 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

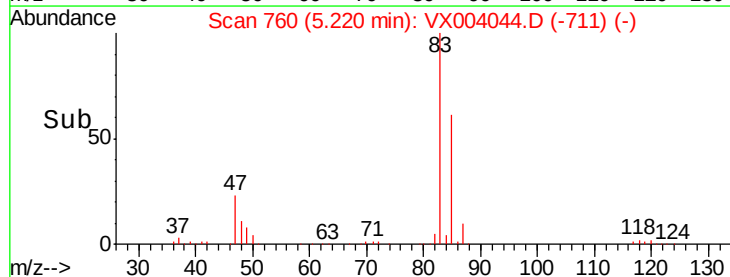
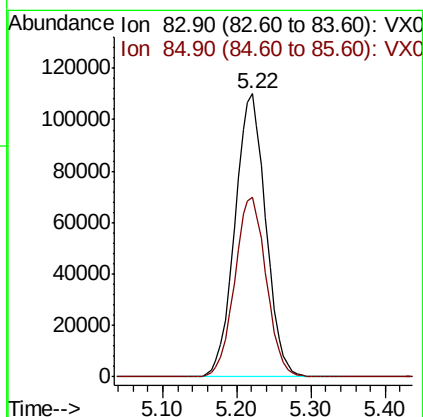
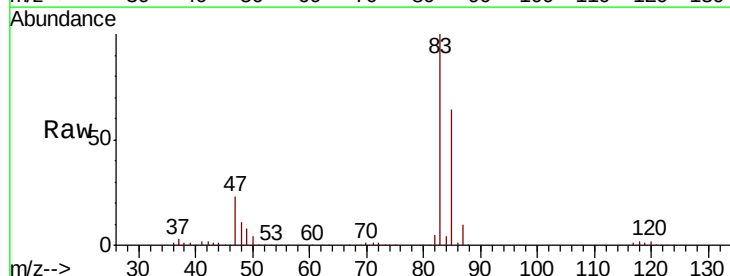
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

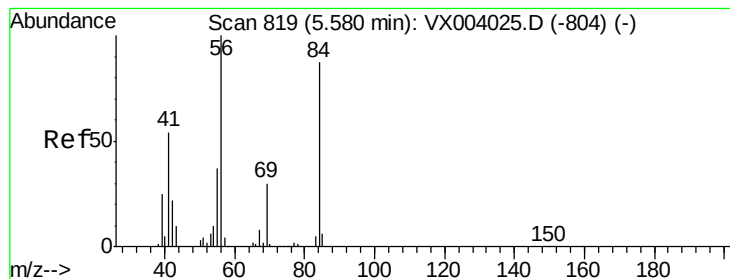
Tgt Ion: 42 Resp: 452296
Ion Ratio Lower Upper
42 100
72 45.9 37.7 56.5
71 42.7 35.0 52.6



#30
Chloroform
Concen: 51.378 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 83 Resp: 319732
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1





#31

Cyclohexane

Concen: 51.177 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

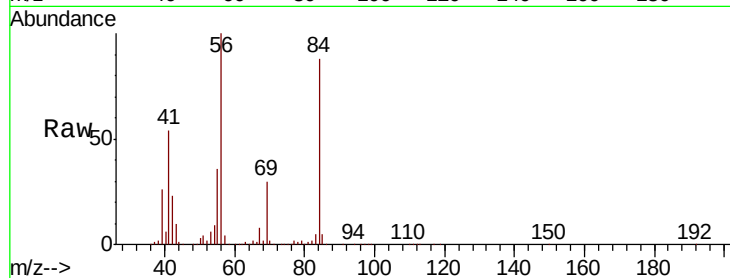
Tgt Ion: 56 Resp: 286069

Ion Ratio Lower Upper

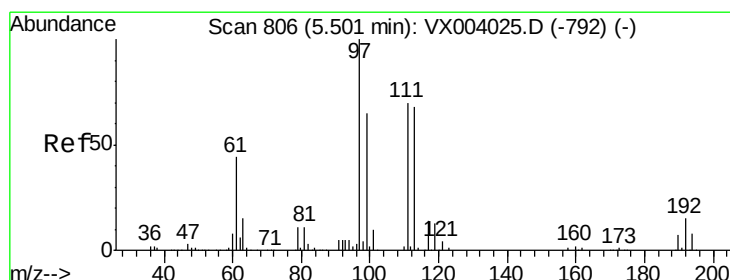
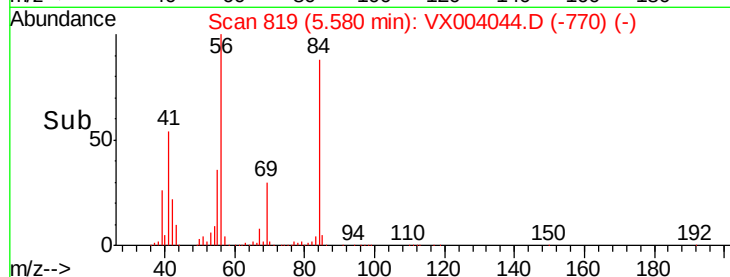
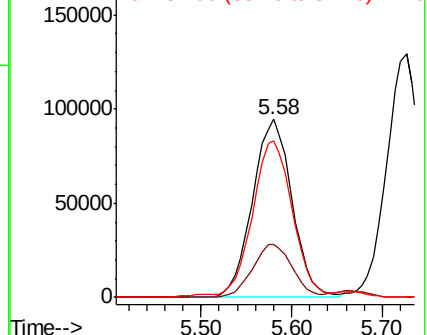
56 100

69 29.9 24.9 37.3

84 86.5 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.133 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

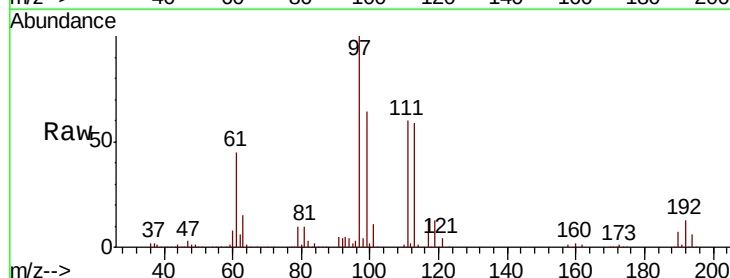
Tgt Ion: 97 Resp: 271105

Ion Ratio Lower Upper

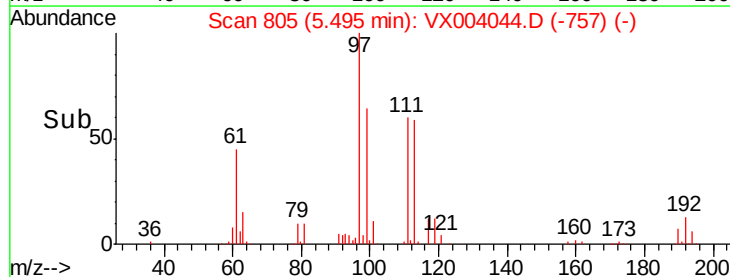
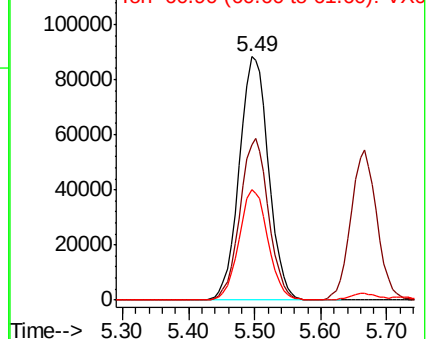
97 100

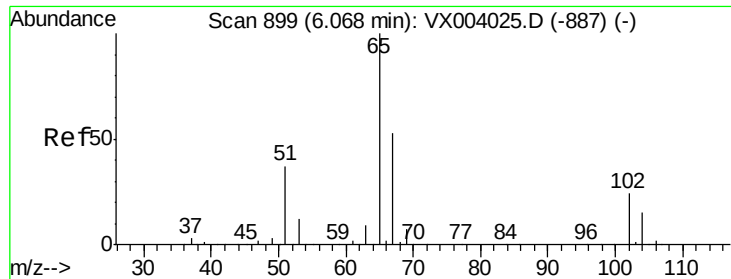
99 64.9 51.8 77.8

61 45.0 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

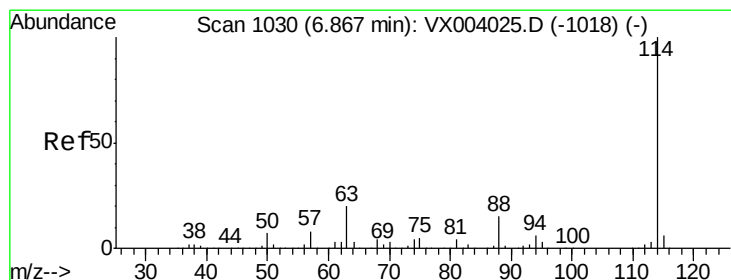
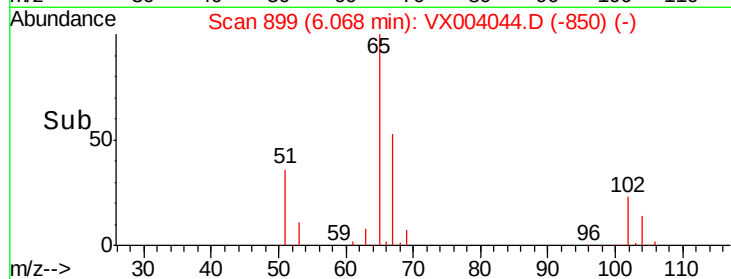
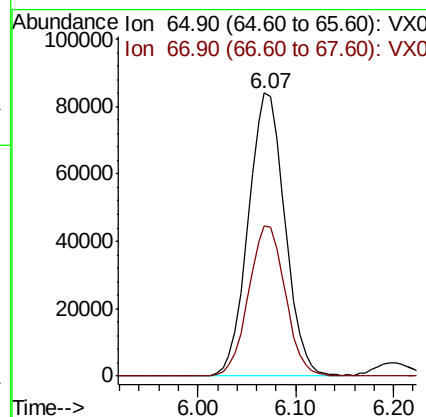
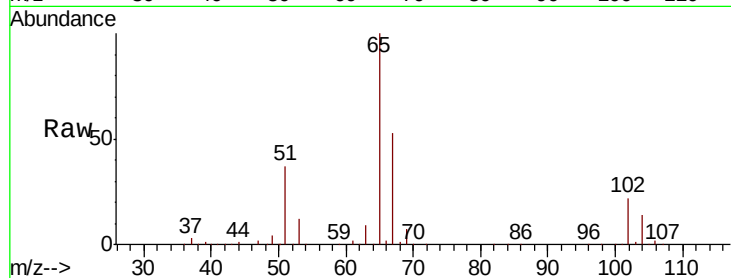




#33
 1,2-Dichloroethane-d4
 Concen: 54.256 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

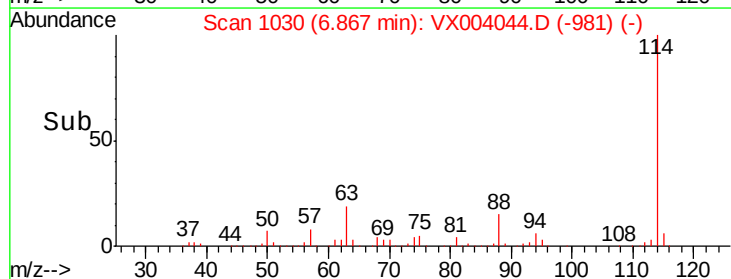
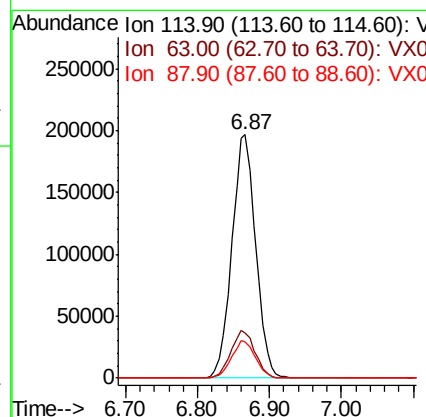
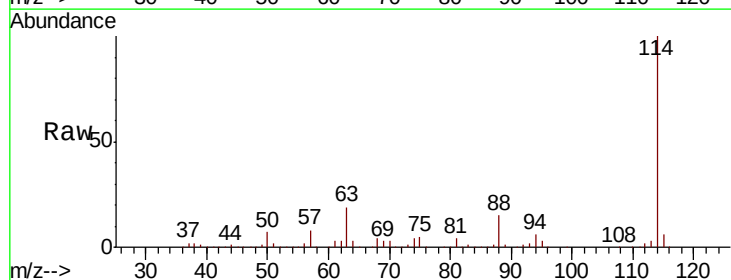
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

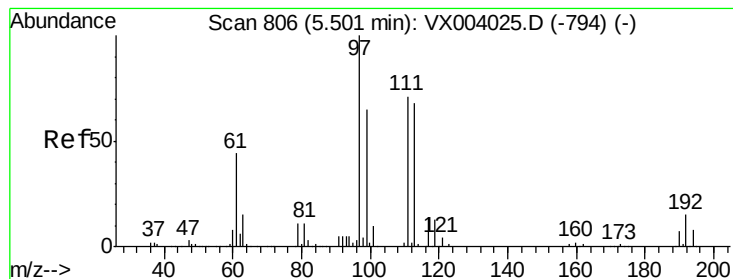
Tgt Ion: 65 Resp: 219400
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 114 Resp: 452506
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.863 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

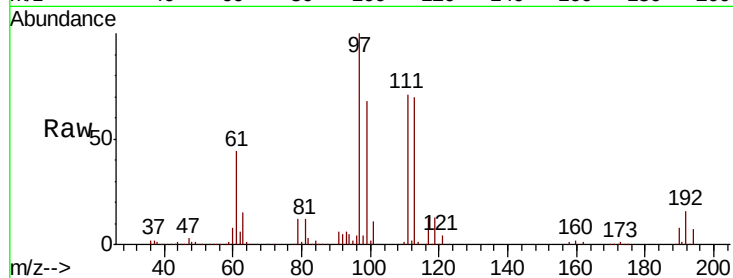
Tgt Ion:113 Resp: 172254

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

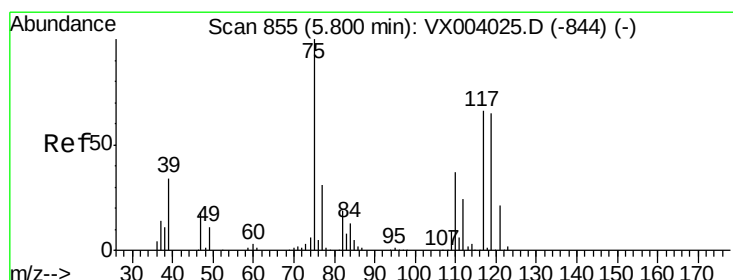
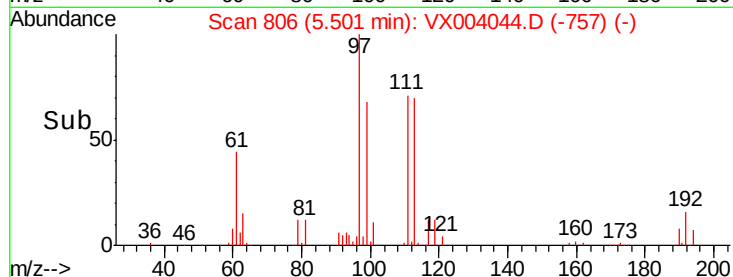
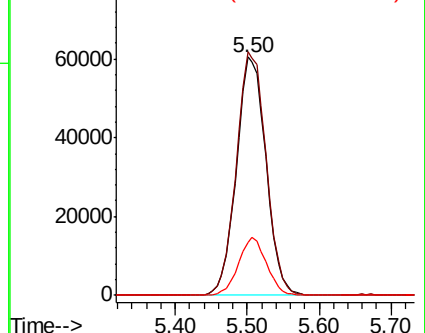
192 22.9 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.667 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

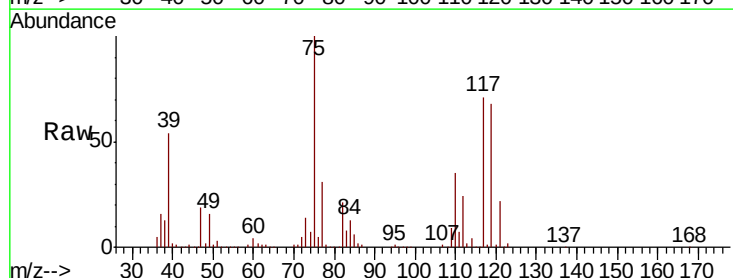
Tgt Ion: 75 Resp: 245445

Ion Ratio Lower Upper

75 100

110 36.7 18.2 54.6

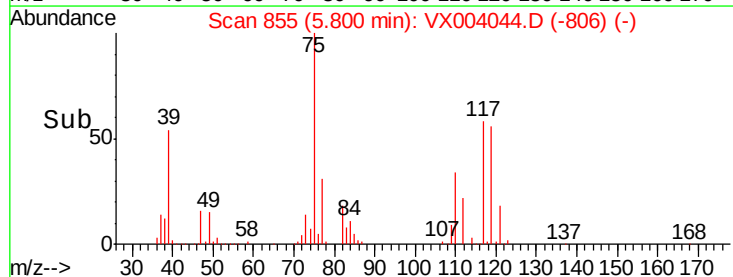
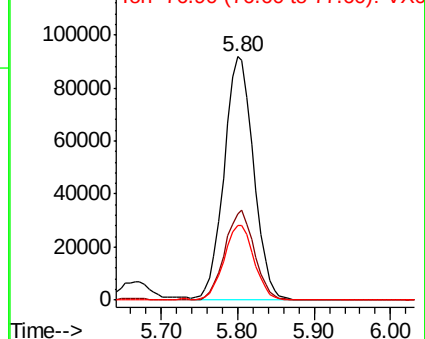
77 31.4 25.0 37.4

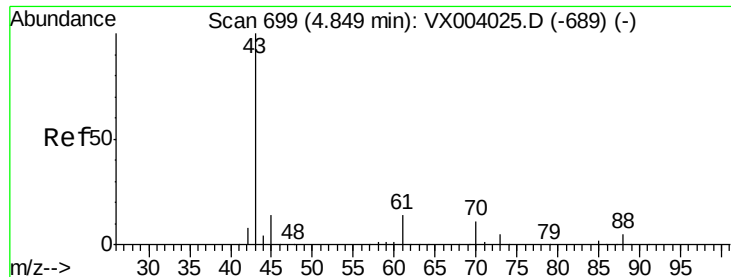


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

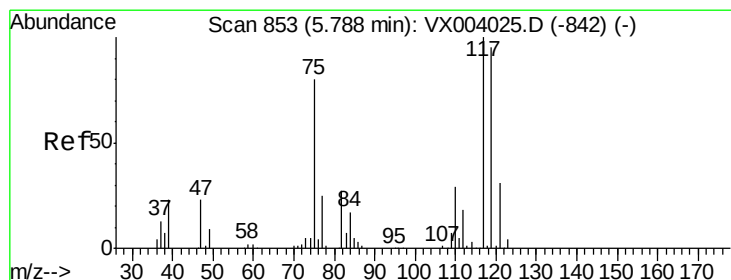
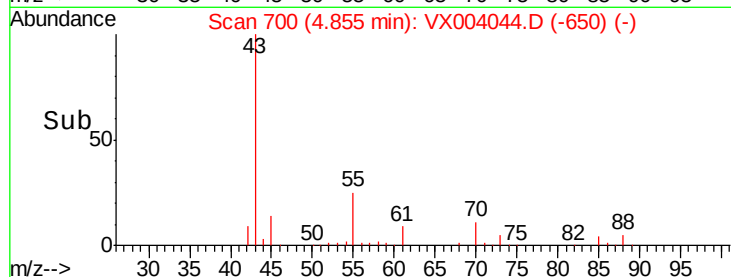
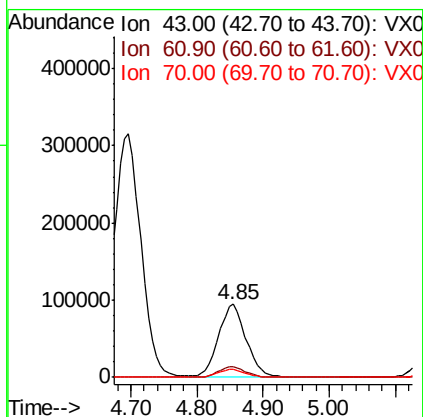
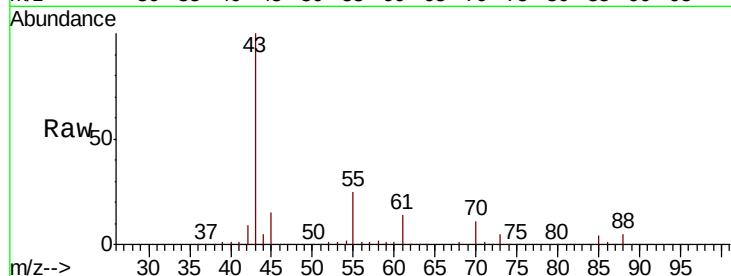




#37
Ethyl Acetate
Concen: 48.785 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

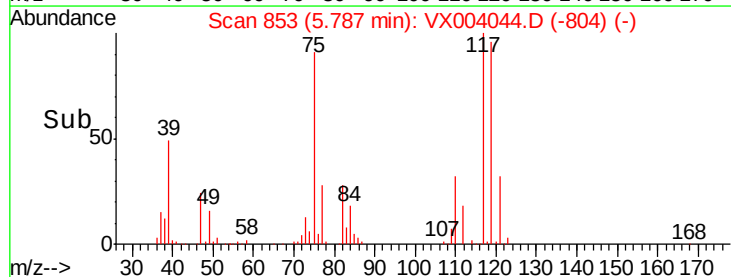
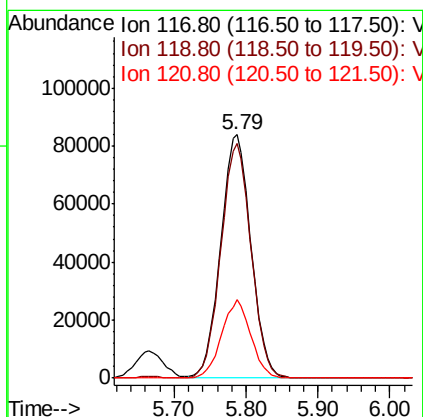
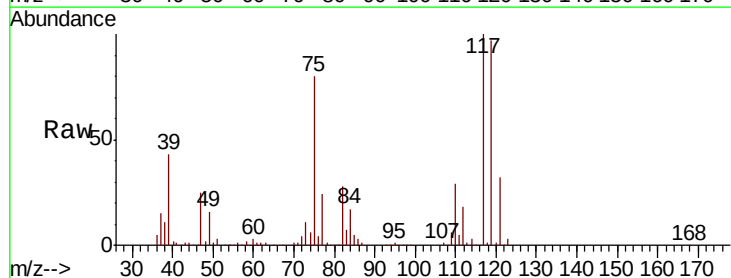
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

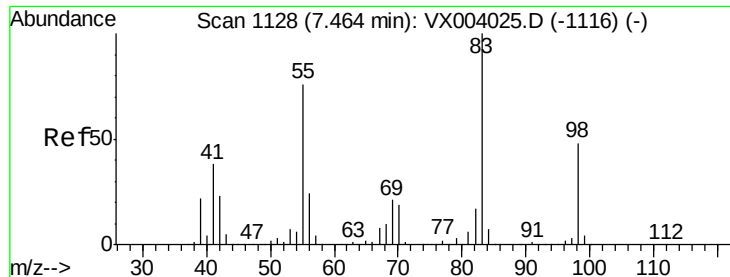
Tgt Ion: 43 Resp: 273555
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.931 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 117 Resp: 244792
Ion Ratio Lower Upper
117 100
119 96.6 79.5 119.3
121 32.1 25.0 37.4

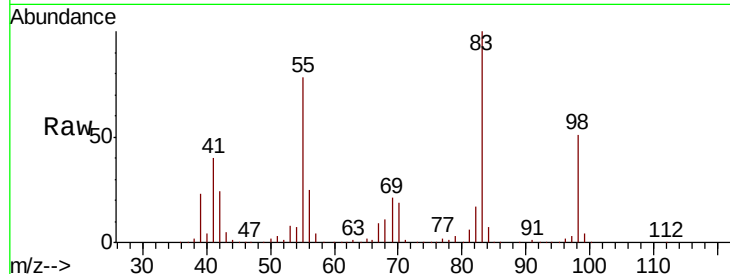




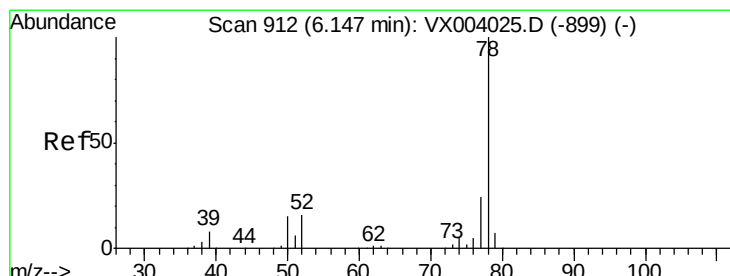
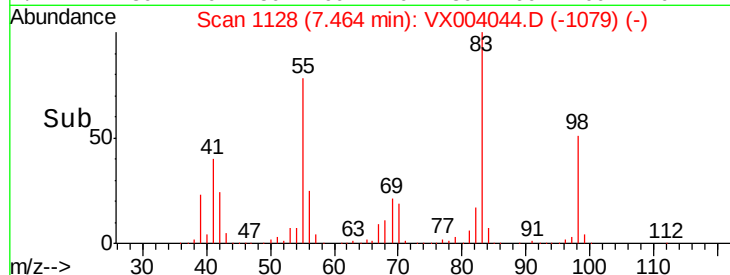
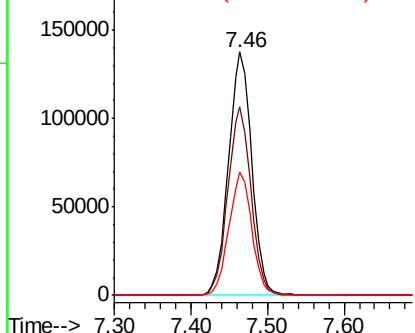
#39
Methylcyclohexane
Concen: 49.691 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.0	91.6
98	50.9	38.6	57.8

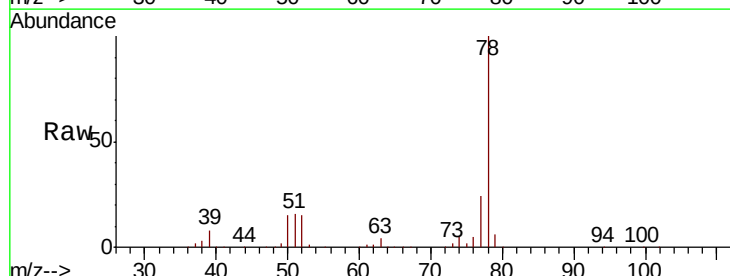


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

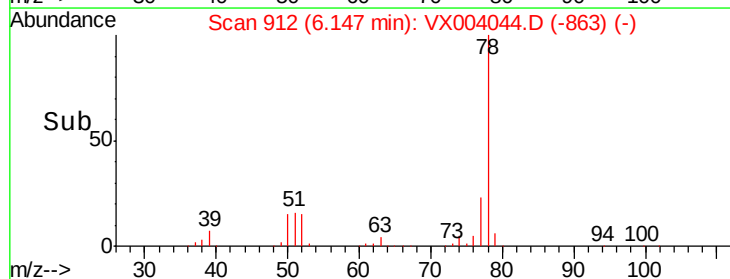
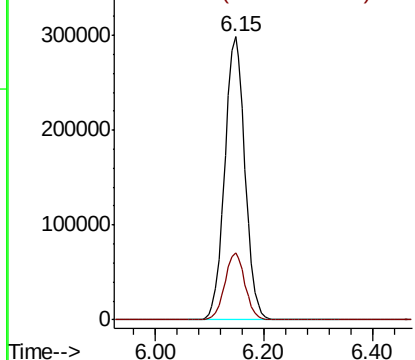


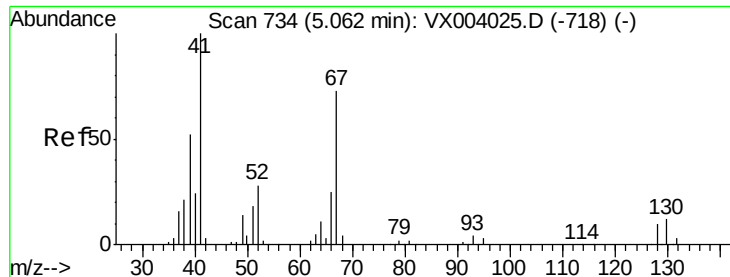
#40
Benzene
Concen: 49.779 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

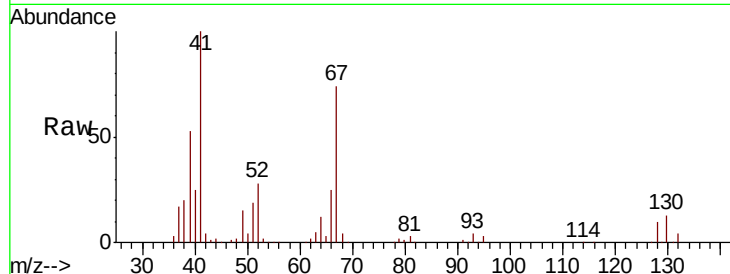




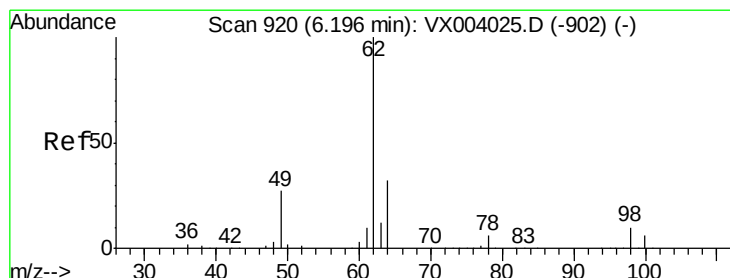
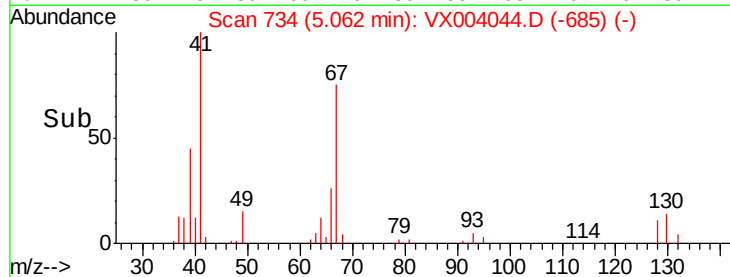
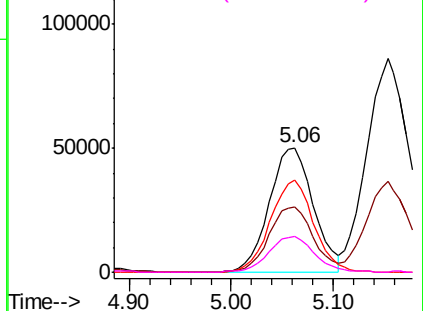
#41
Methacrylonitrile
Concen: 47.718 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	149854
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.7	64.1
67	73.7	58.9	88.3
52	29.5	22.6	33.8

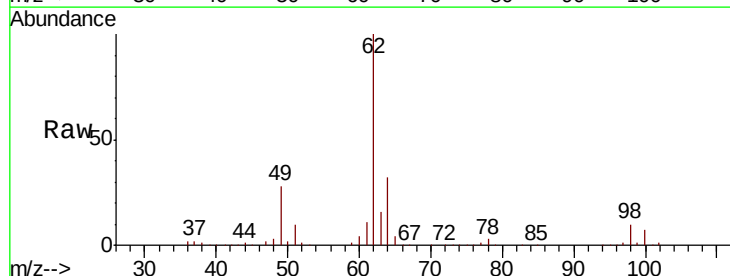


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

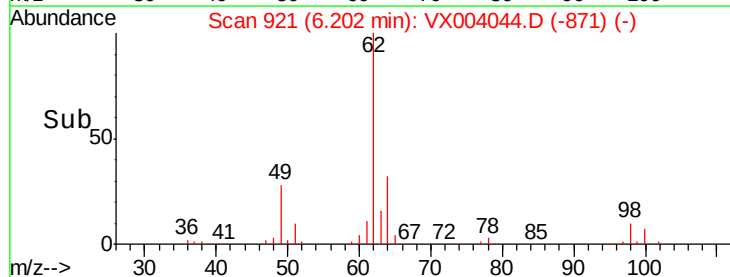
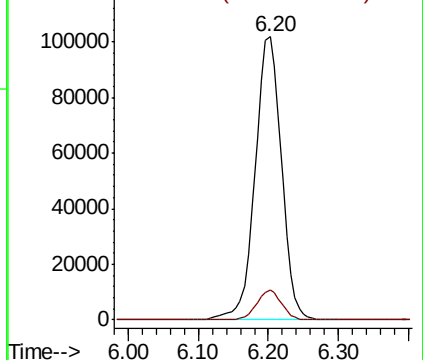


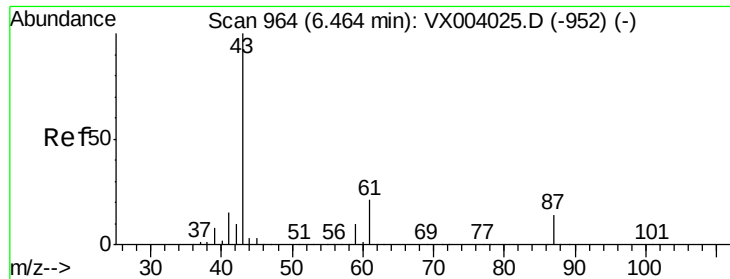
#42
1,2-Dichloroethane
Concen: 49.387 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:	62	Resp:	267299
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4



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

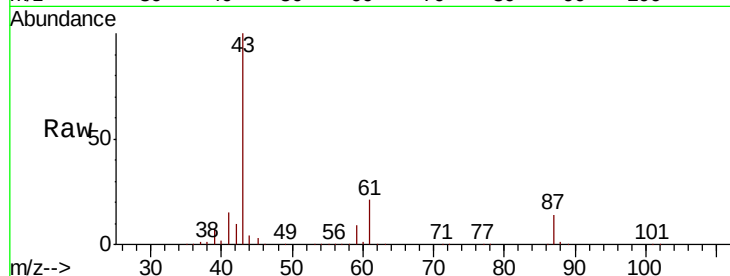




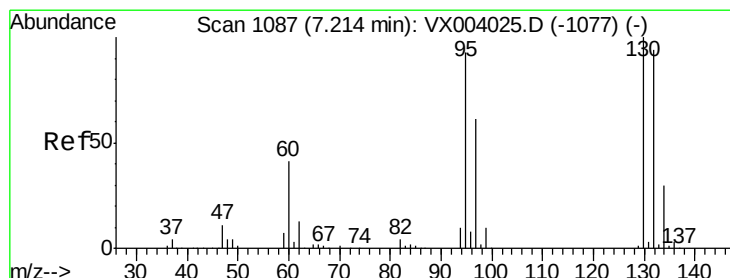
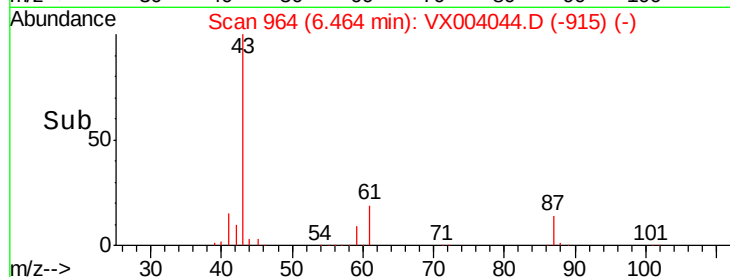
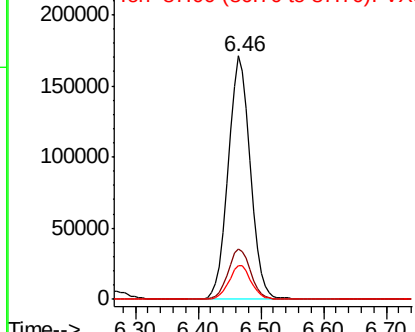
#43
Isopropyl Acetate
Concen: 50.294 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 415690
Ion Ratio Lower Upper
43 100
61 21.0 16.9 25.3
87 14.1 11.3 16.9

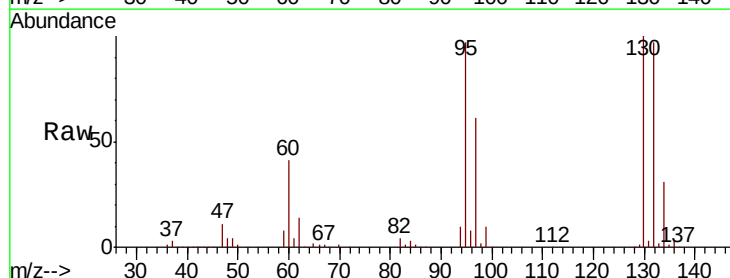


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

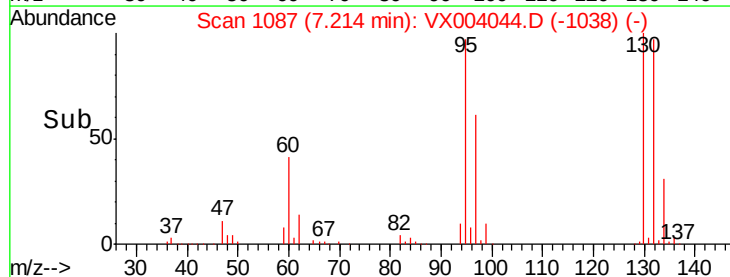
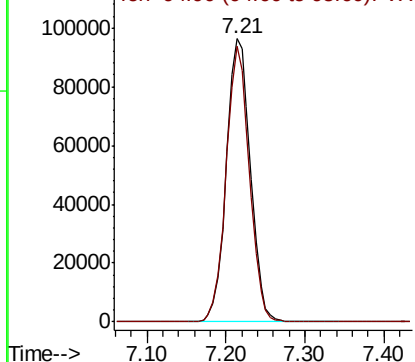


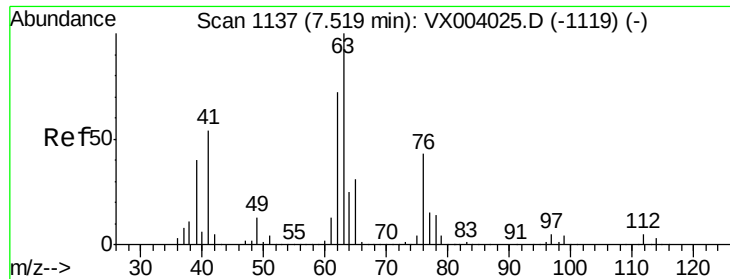
#44
Trichloroethene
Concen: 48.687 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 130 Resp: 204365
Ion Ratio Lower Upper
130 100
95 97.4 0.0 199.4



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

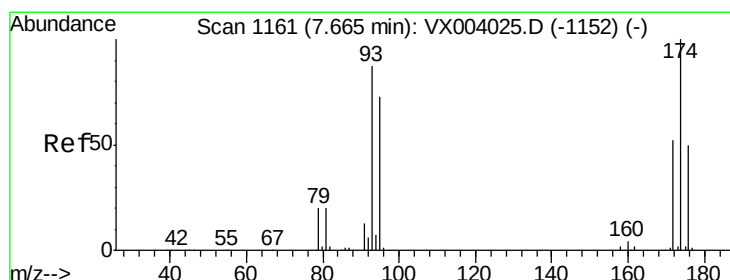
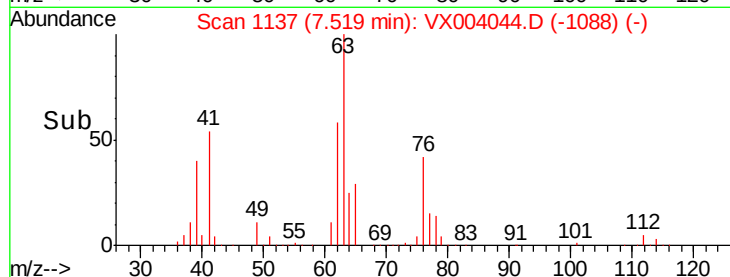
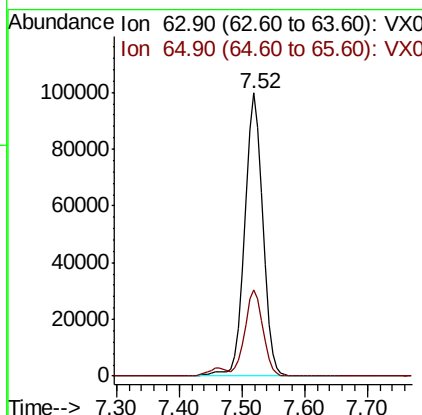
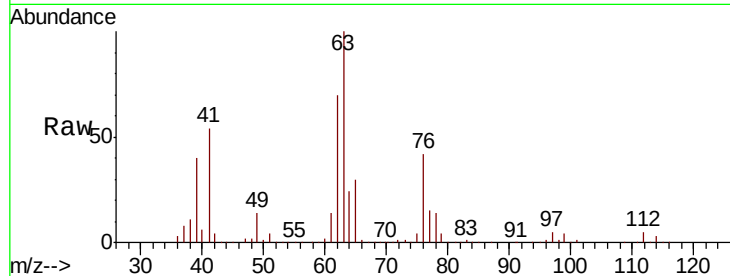




#45
 1,2-Dichloropropane
 Concen: 50.305 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

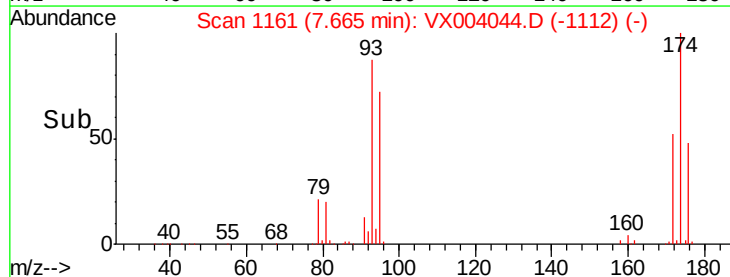
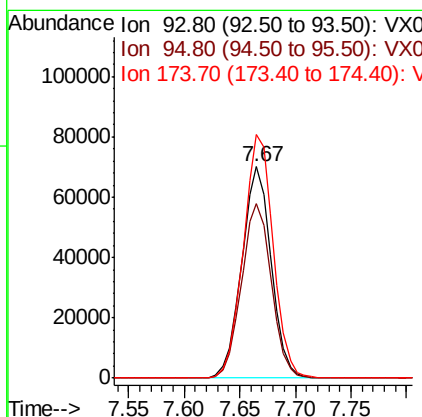
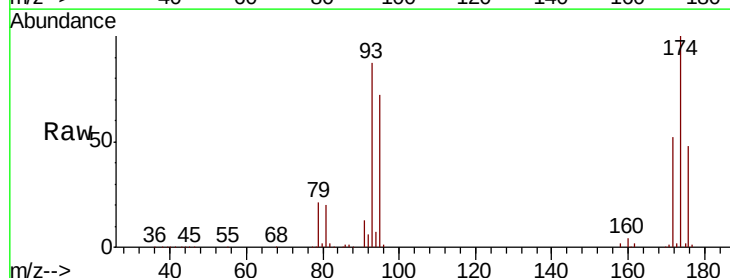
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

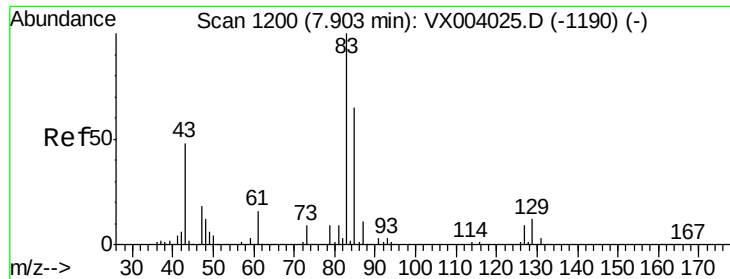
Tgt Ion: 63 Resp: 199116
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 49.902 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 93 Resp: 129080
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 116.6 94.3 141.5

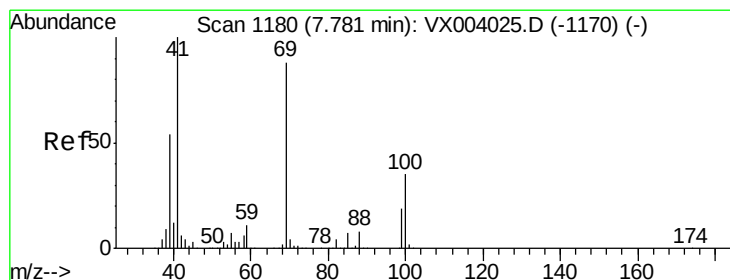
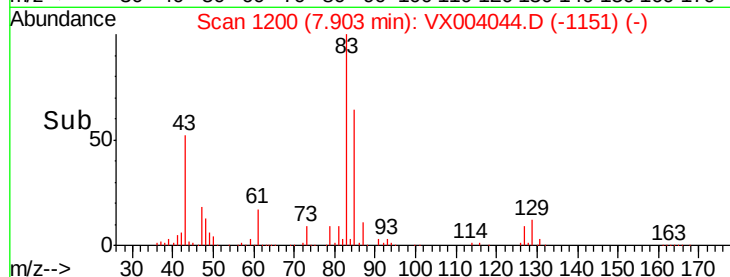
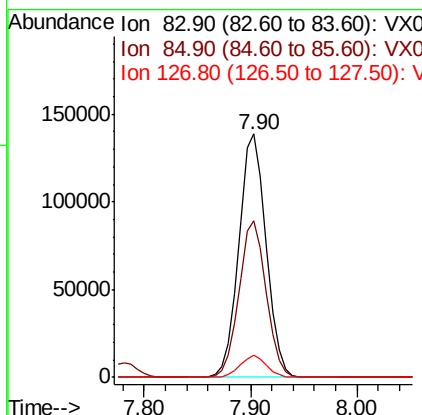
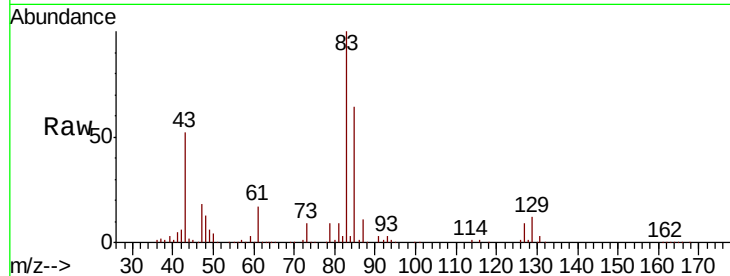




#47
 Bromodichloromethane
 Concen: 50.974 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

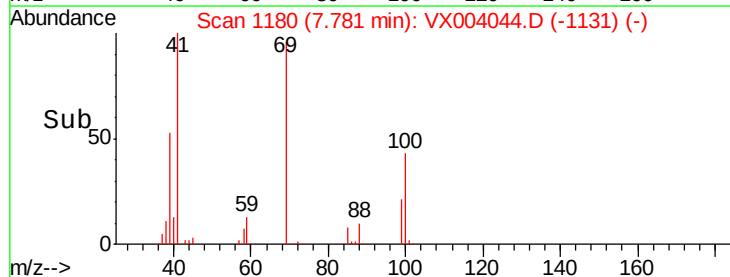
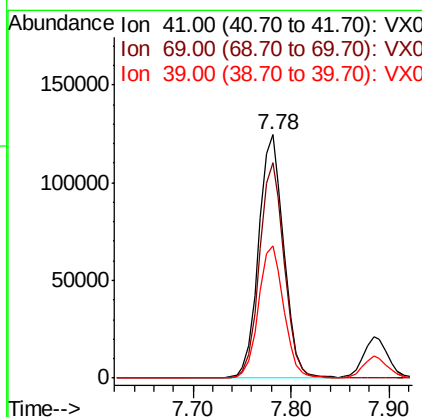
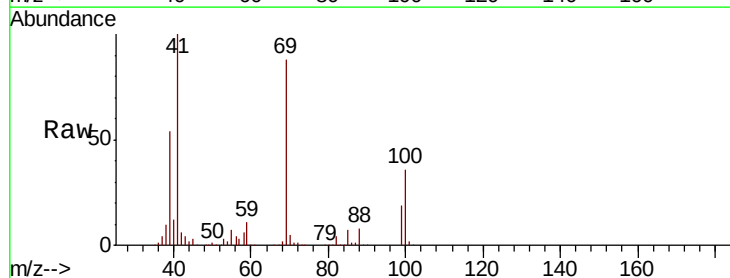
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

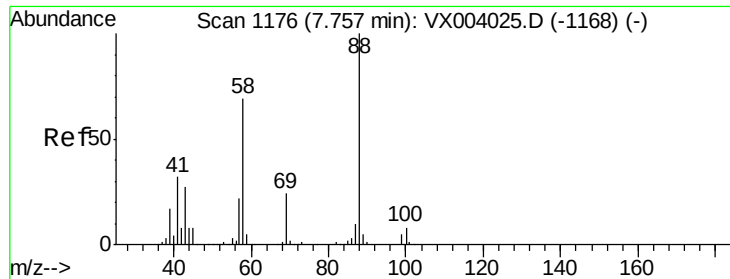
Tgt Ion: 83 Resp: 249722
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.2 76.8
 127 9.2 7.2 10.8



#48
 Methyl methacrylate
 Concen: 53.086 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 41 Resp: 220873
 Ion Ratio Lower Upper
 41 100
 69 87.2 68.8 103.2
 39 54.4 42.3 63.5

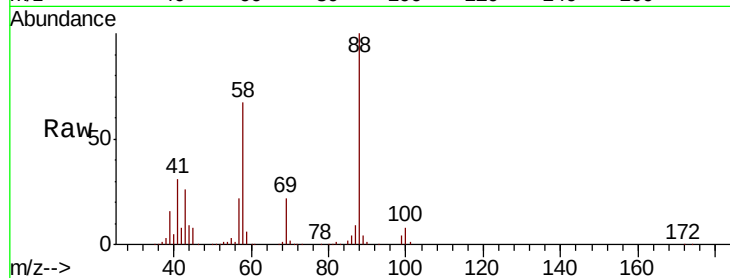




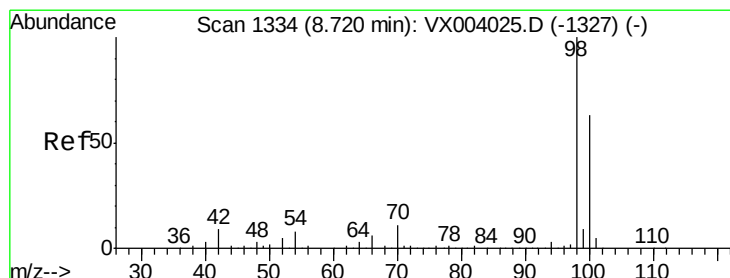
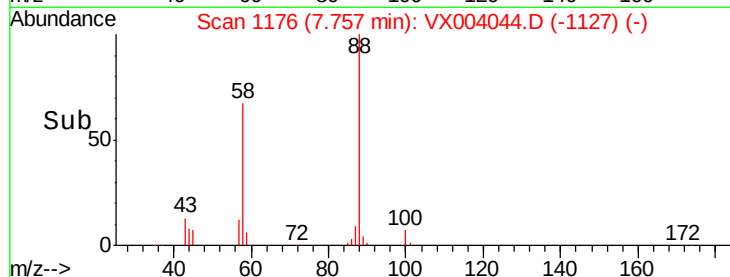
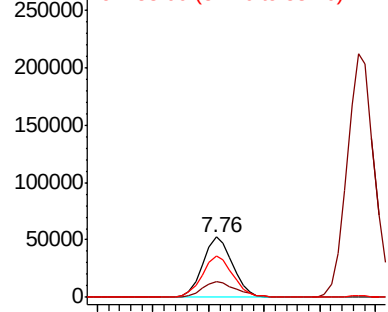
#49
1,4-Dioxane
Concen: 1037.504 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 97187
Ion Ratio Lower Upper
88 100
43 31.0 23.8 35.8
58 70.4 55.4 83.0

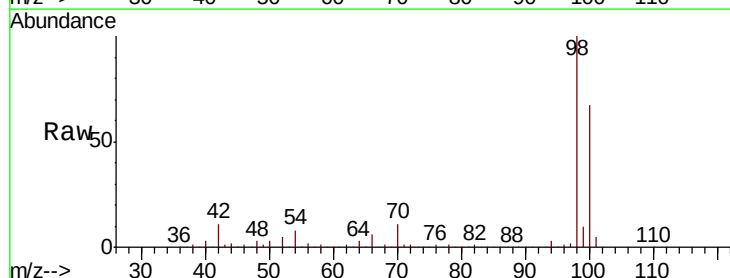


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

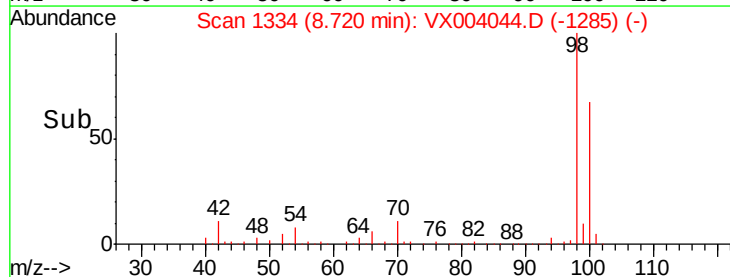
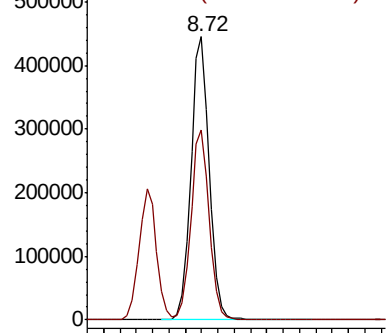


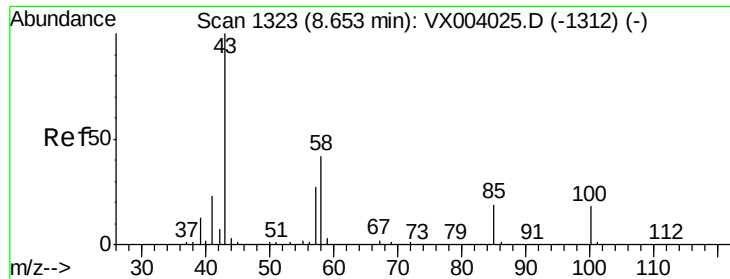
#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 98 Resp: 696753
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



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

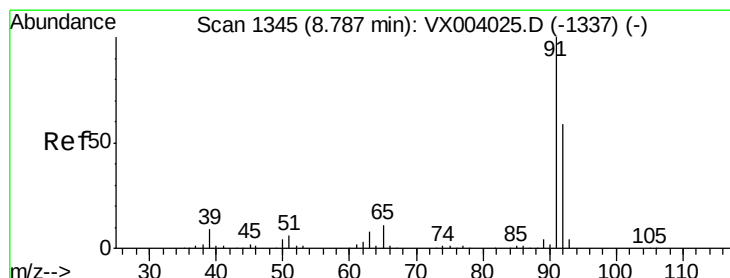
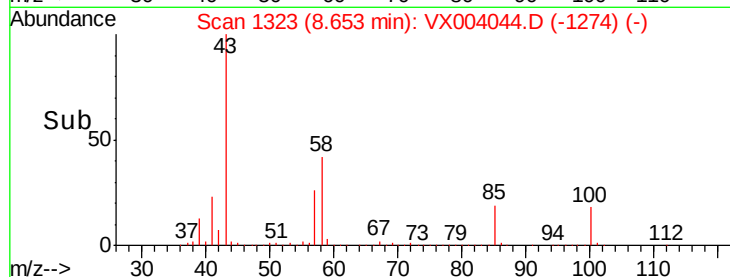
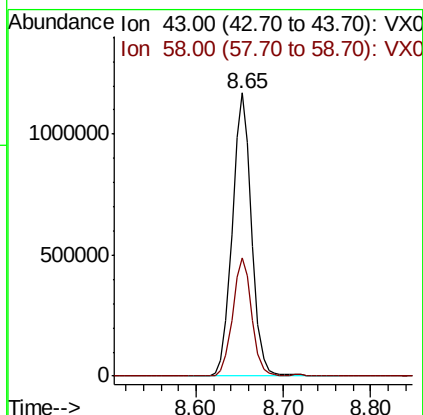
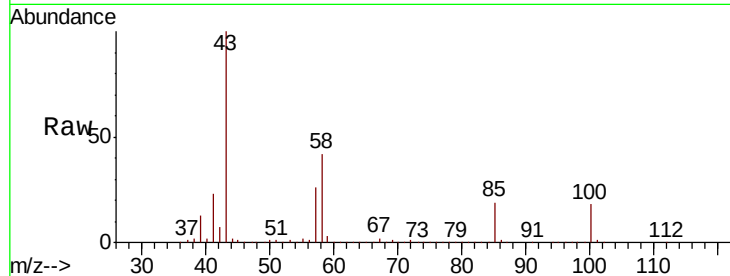




#51
4-Methyl-2-Pentanone
Concen: 265.262 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

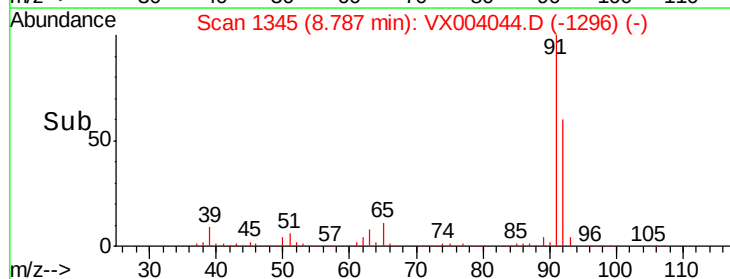
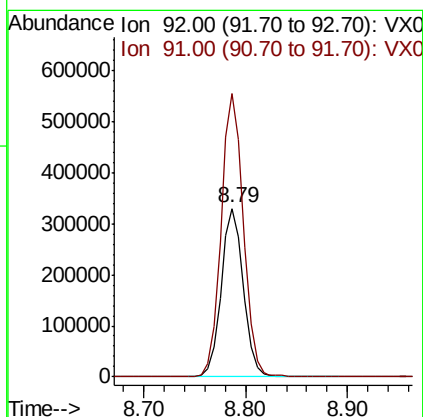
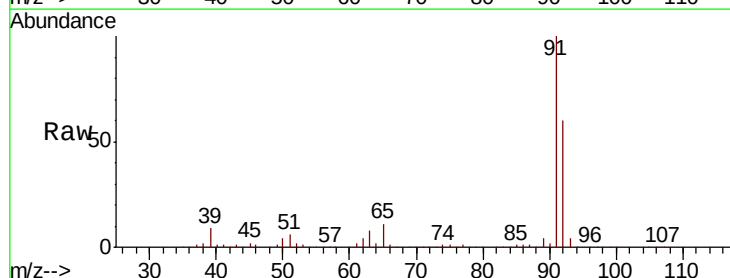
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

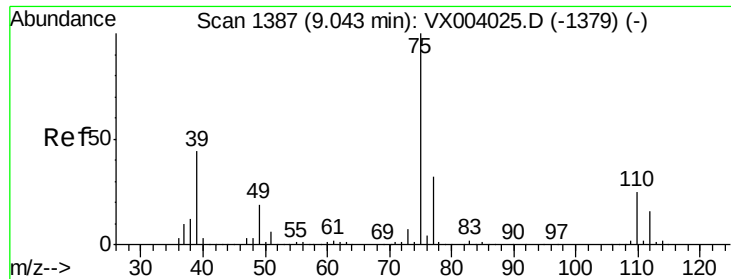
Tgt Ion: 43 Resp: 1797694
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6



#52
Toluene
Concen: 50.619 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 92 Resp: 494982
Ion Ratio Lower Upper
92 100
91 170.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 50.988 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

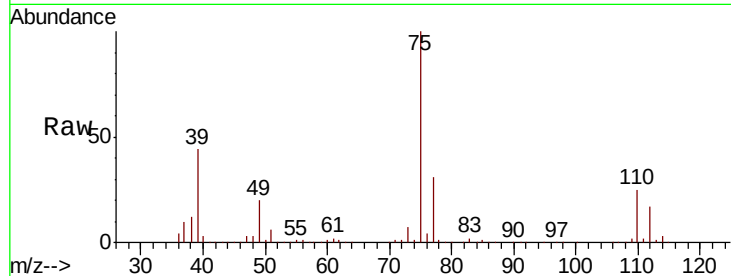
VSTDCCC050EC

Tgt Ion: 75 Resp: 269851

Ion Ratio Lower Upper

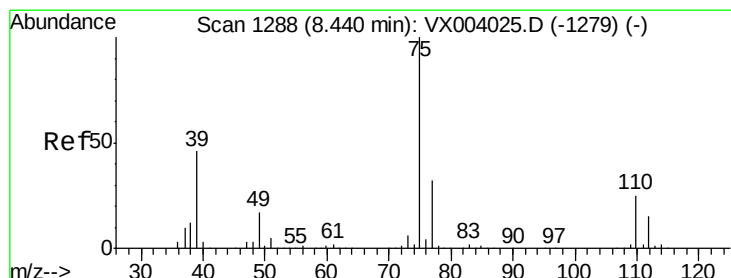
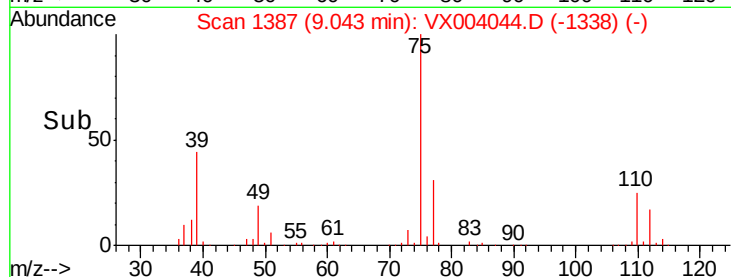
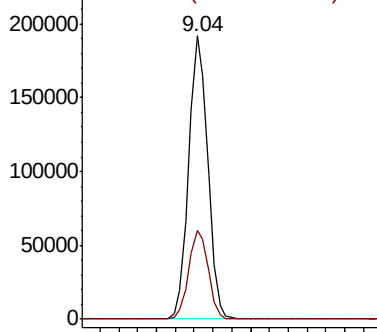
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.766 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

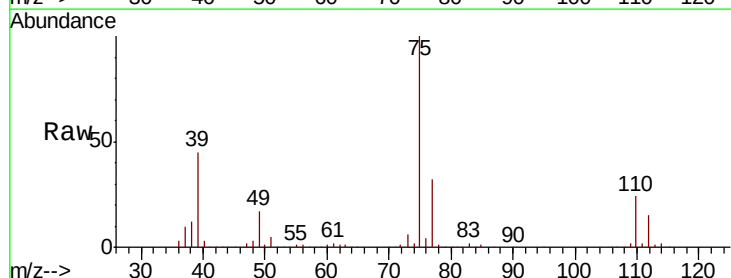
Tgt Ion: 75 Resp: 297545

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

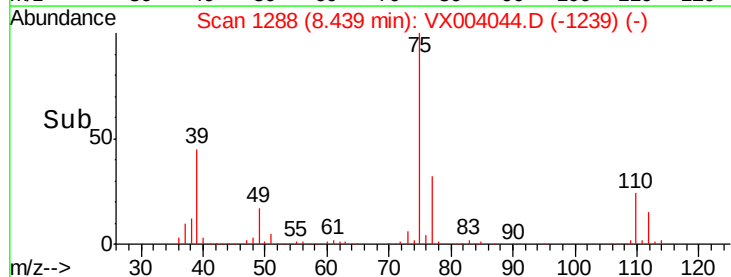
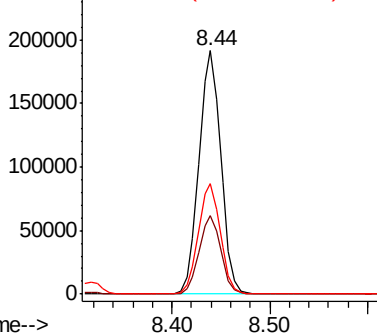
39 45.2 36.2 54.2

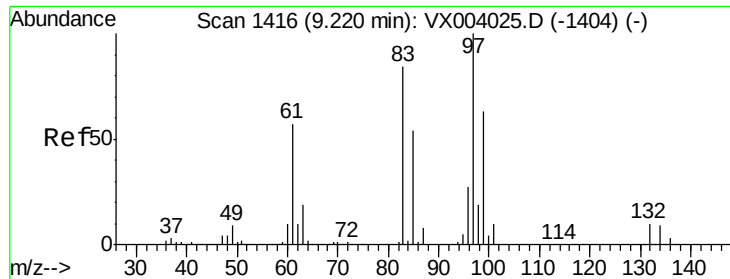


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

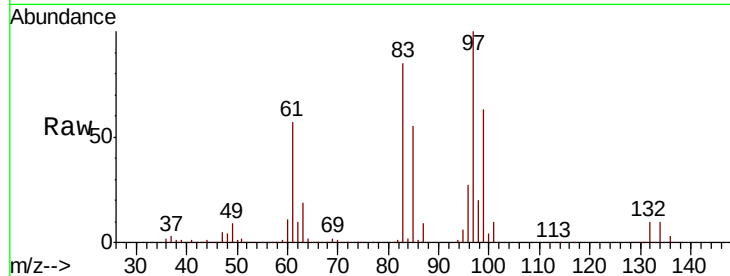




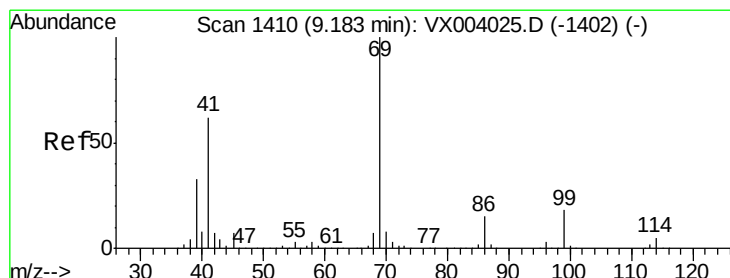
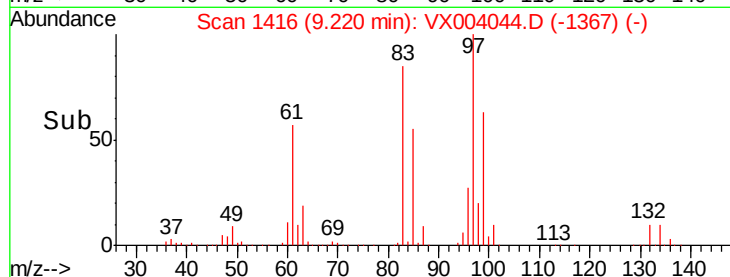
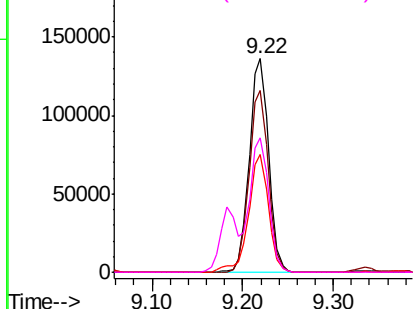
#55
 1,1,2-Trichloroethane
 Concen: 49.657 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	200521
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.8	101.6
85	55.3	44.2	66.2
99	62.7	50.8	76.2

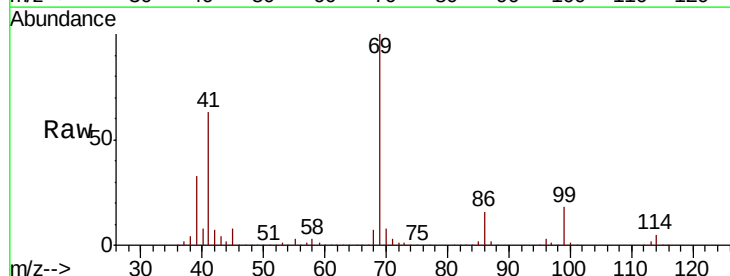


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

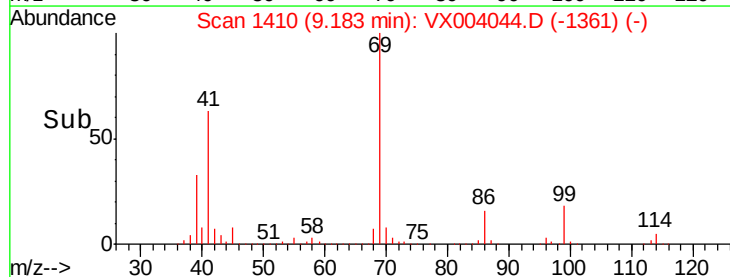
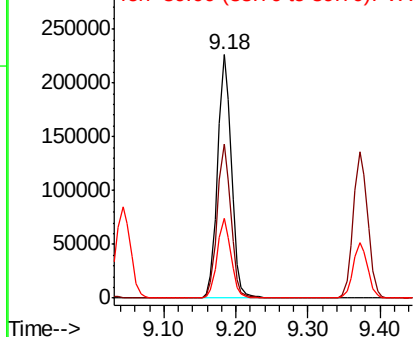


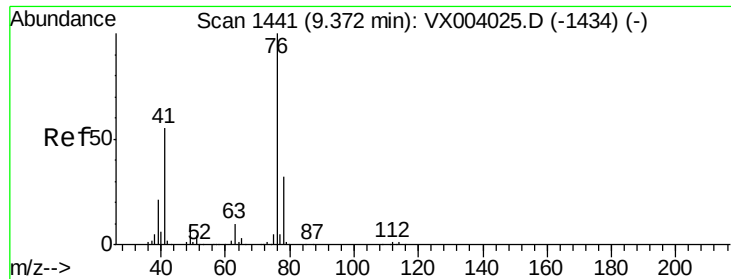
#56
 Ethyl methacrylate
 Concen: 54.560 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion:	69	Resp:	299603
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.6	76.0
39	32.7	25.8	38.6



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

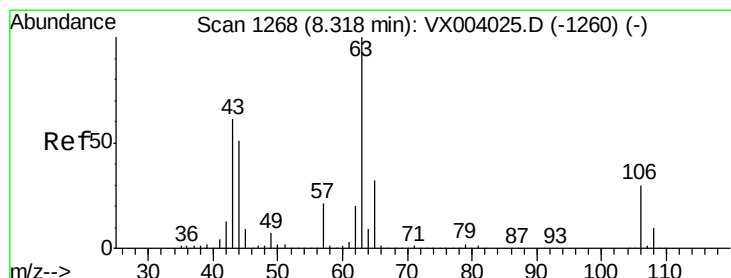
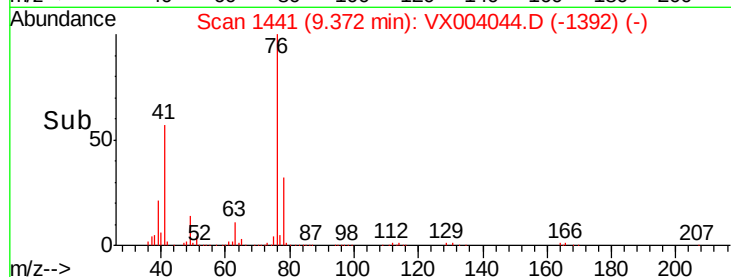
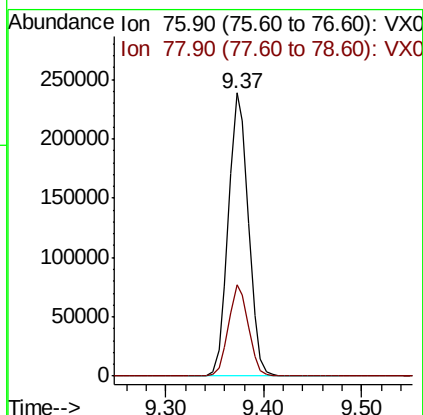
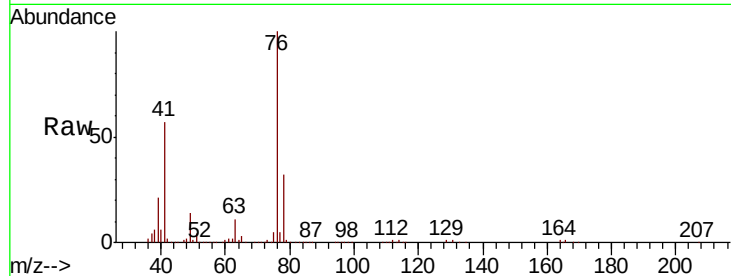




#57
 1,3-Dichloropropane
 Concen: 50.728 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

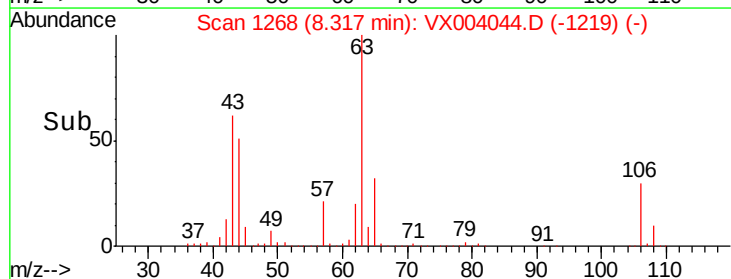
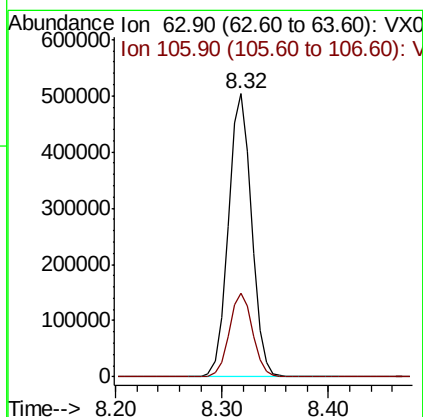
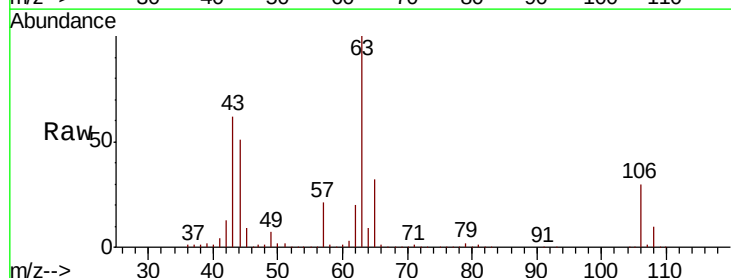
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

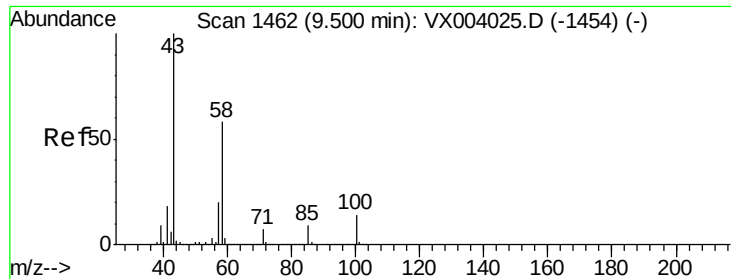
Tgt Ion: 76 Resp: 339873
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.181 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 63 Resp: 769451
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.8

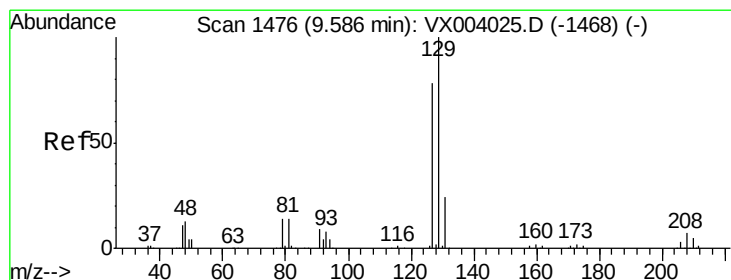
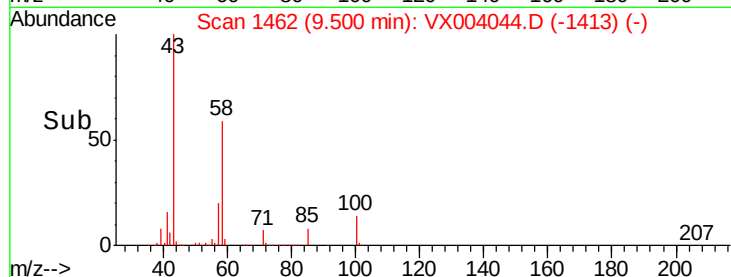
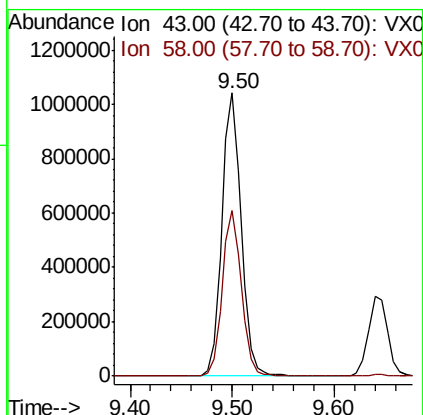
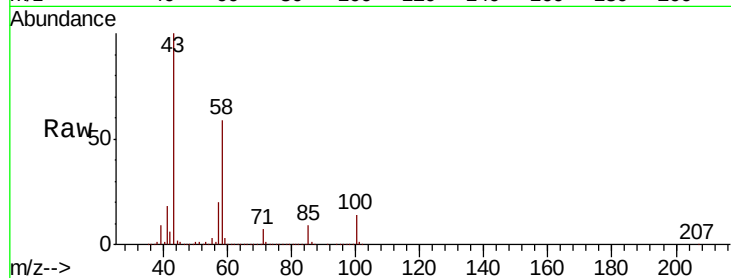




#59
2-Hexanone
Concen: 269.985 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

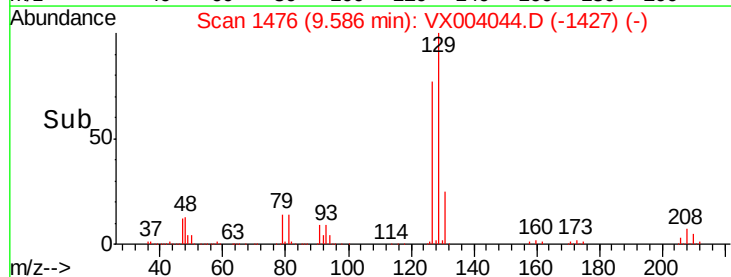
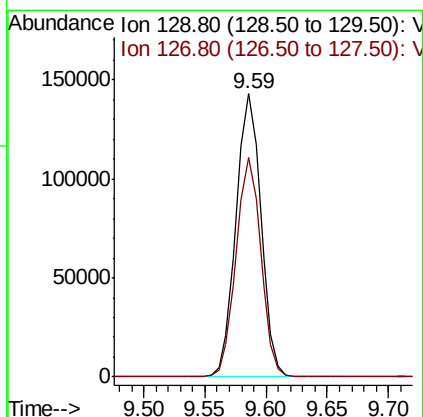
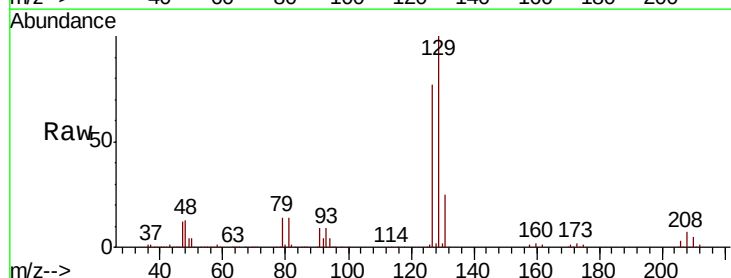
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

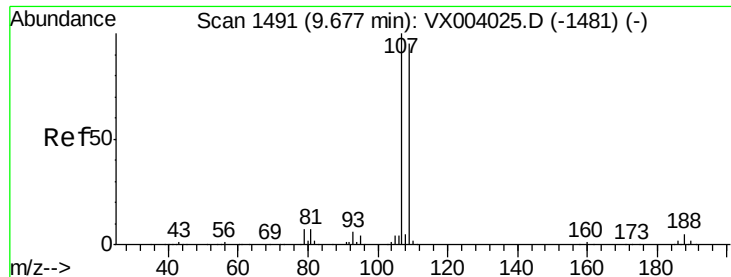
Tgt Ion: 43 Resp: 1377053
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 52.020 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 129 Resp: 202151
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.123 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

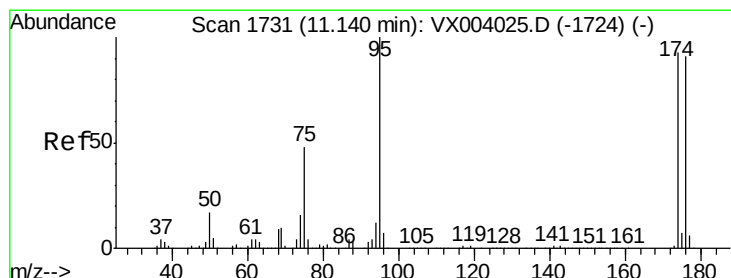
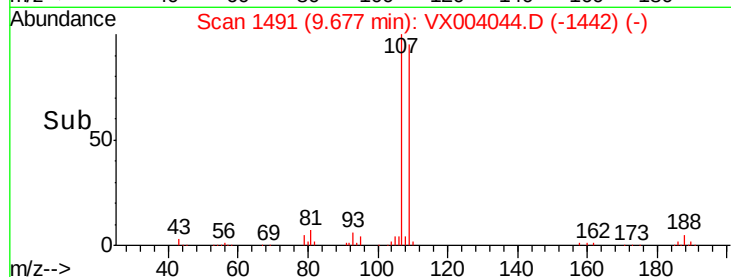
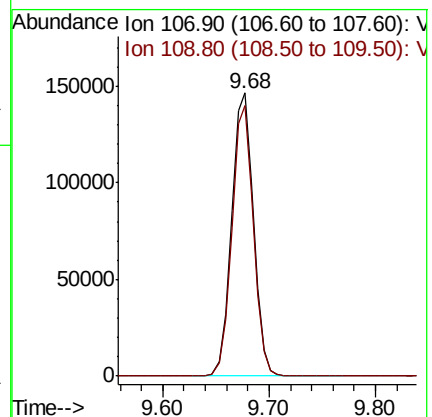
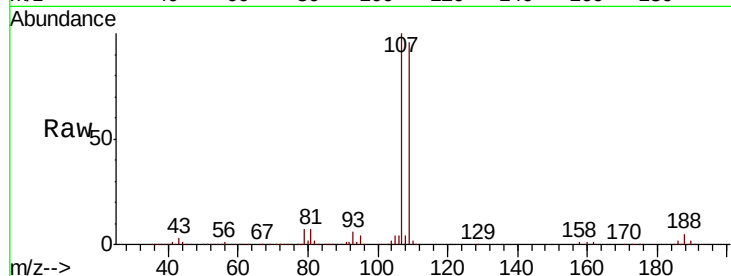
VSTDCCC050EC

Tgt Ion: 107 Resp: 210451

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 52.336 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

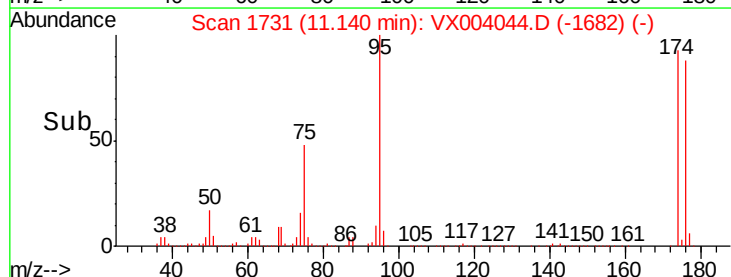
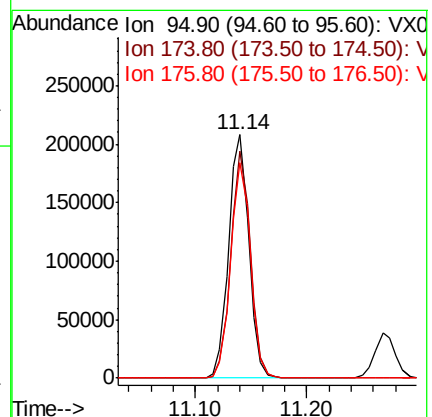
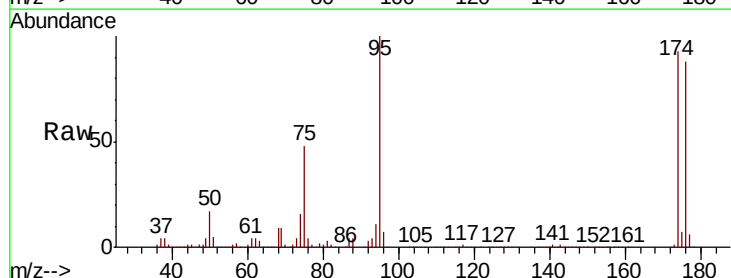
Tgt Ion: 95 Resp: 260641

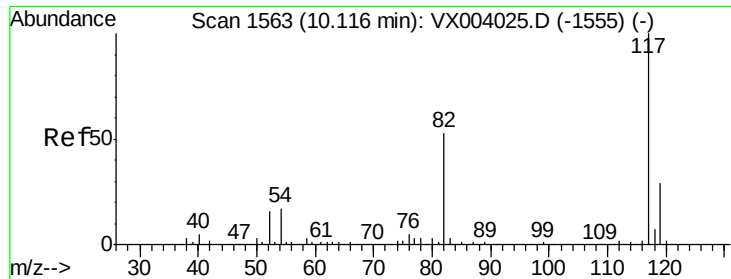
Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

176 87.6 0.0 179.0

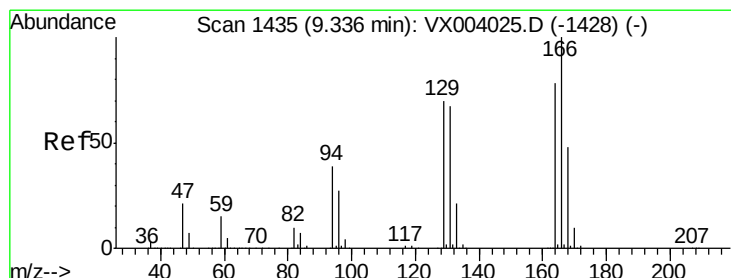
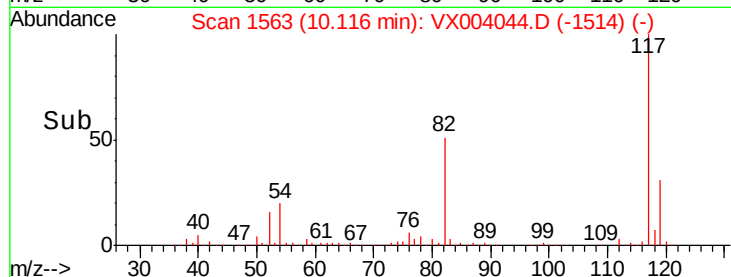
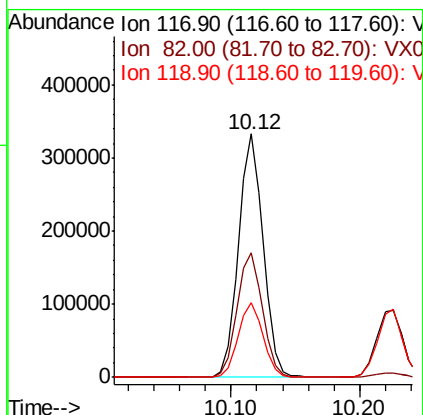
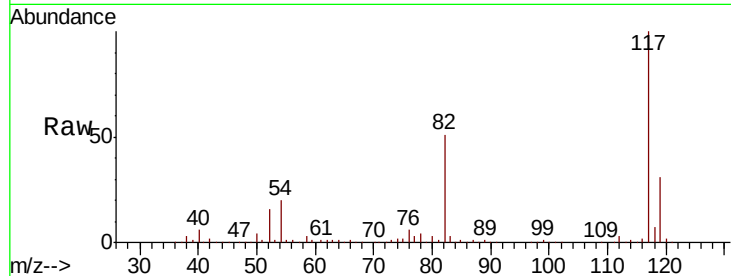




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

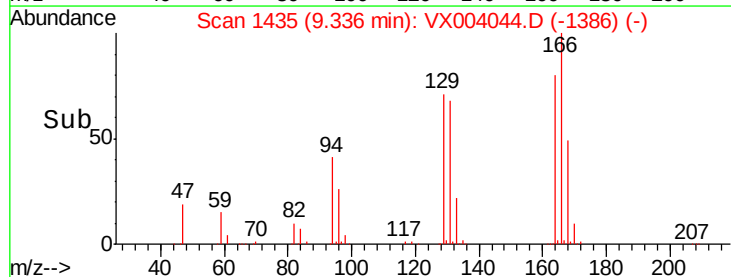
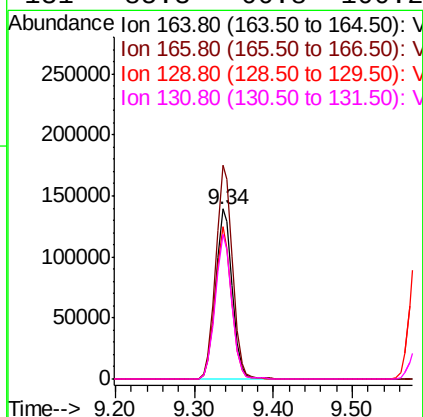
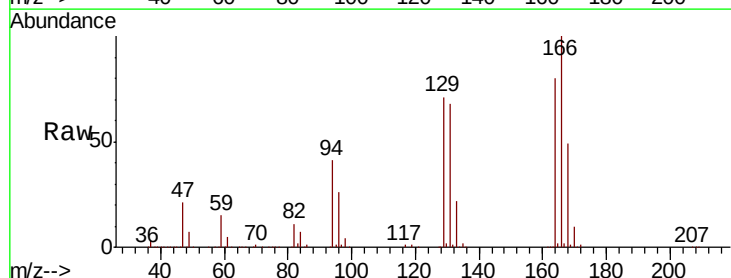
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

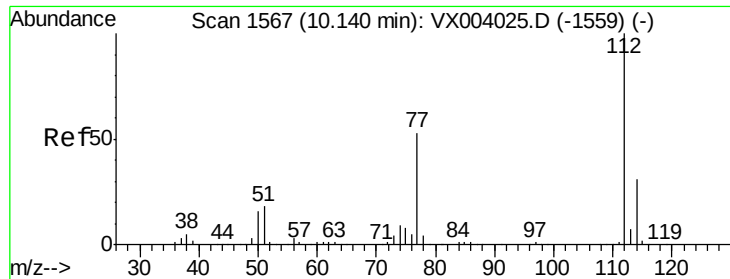
Tgt Ion:117 Resp: 440366
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.0
119 30.9 26.6 40.0



#64
Tetrachloroethene
Concen: 49.104 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:164 Resp: 204946
Ion Ratio Lower Upper
164 100
166 125.5 98.0 147.0
129 89.7 64.3 96.5
131 85.3 66.8 100.2

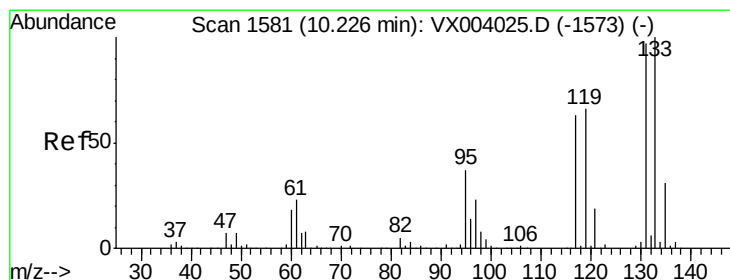
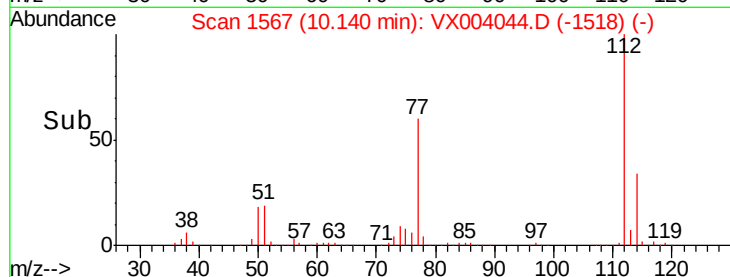
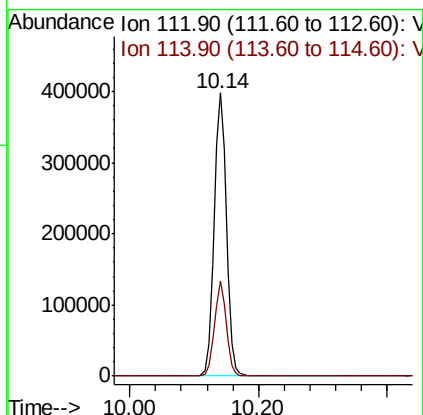
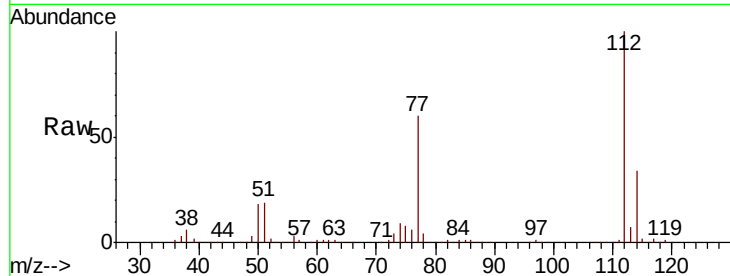




#65
Chlorobenzene
Concen: 47.373 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

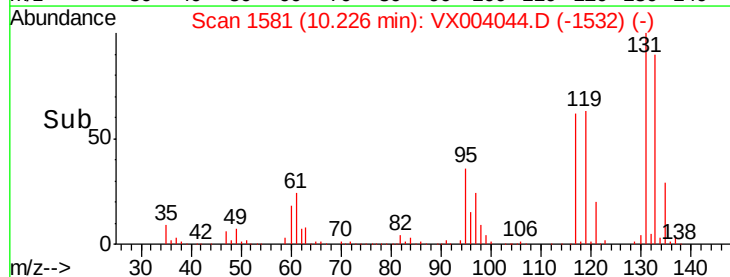
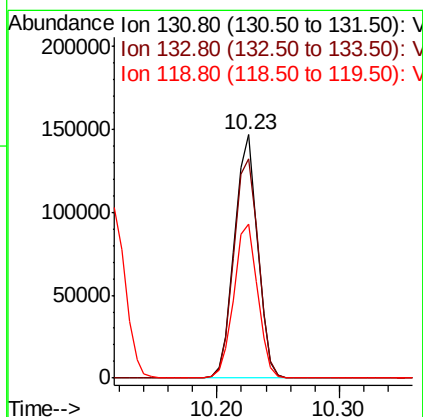
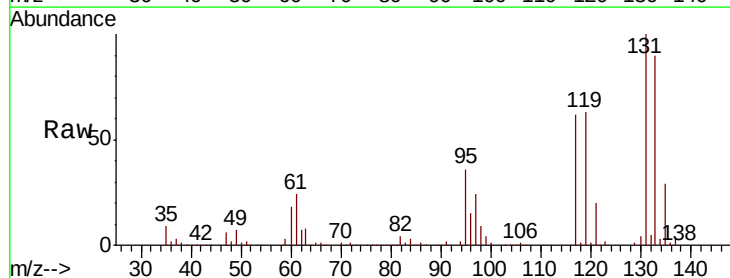
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

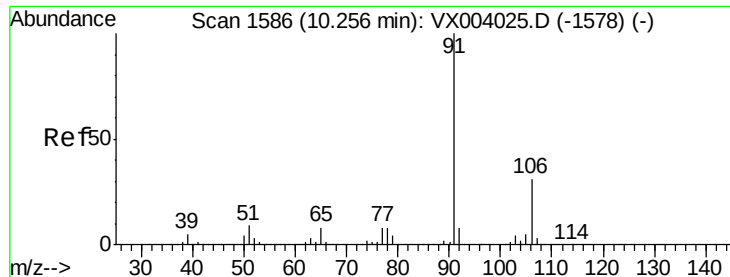
Tgt Ion:112 Resp: 538881
Ion Ratio Lower Upper
112 100
114 33.8 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.365 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:131 Resp: 191519
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 65.0 31.6 94.8

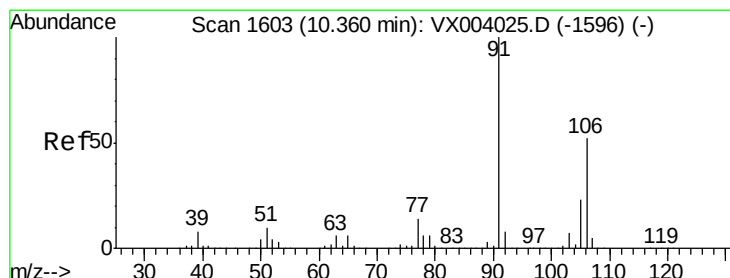
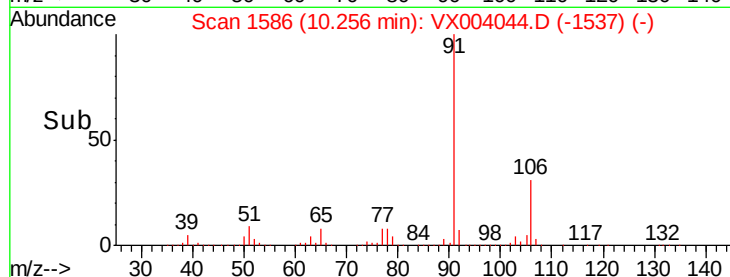
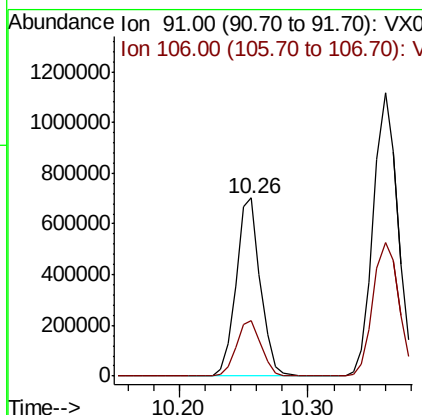
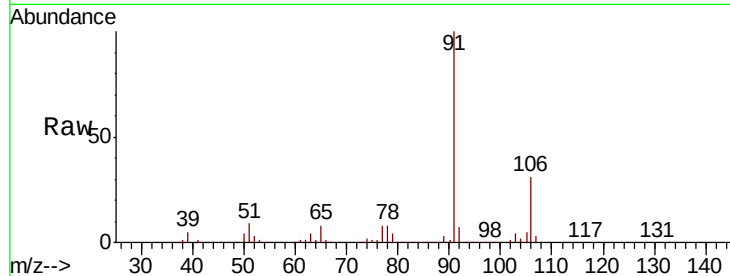




#67
Ethyl Benzene
Concen: 51.138 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

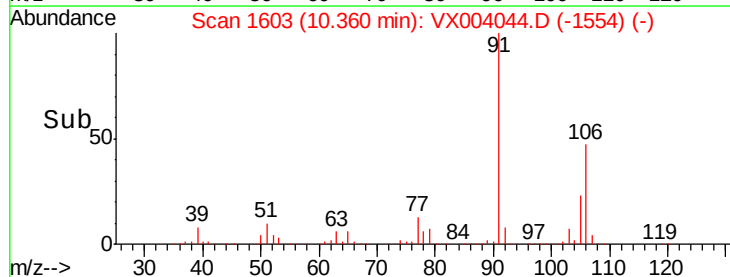
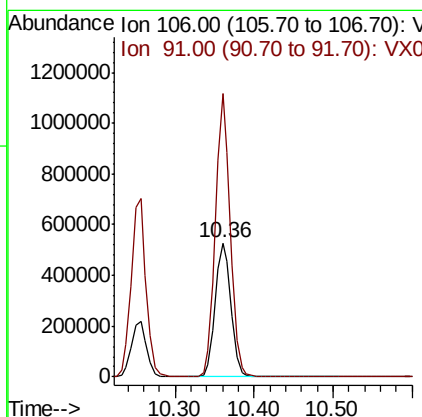
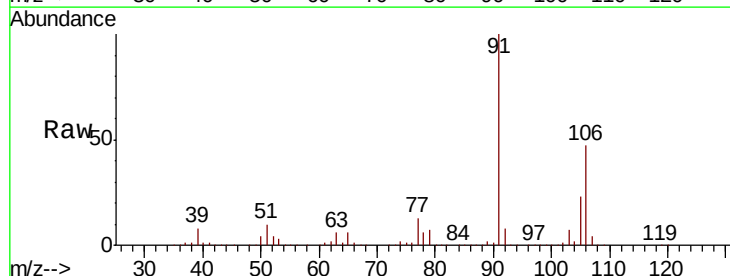
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

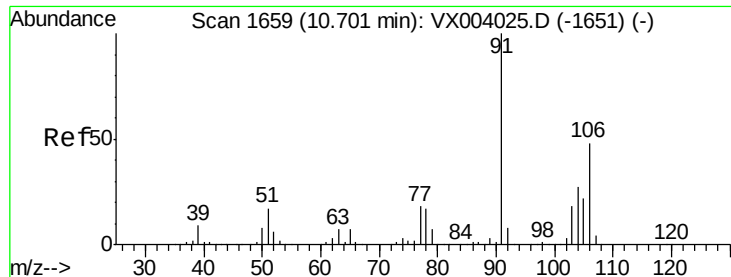
Tgt Ion: 91 Resp: 921140
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 103.765 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion: 106 Resp: 731927
Ion Ratio Lower Upper
106 100
91 200.4 162.3 243.5

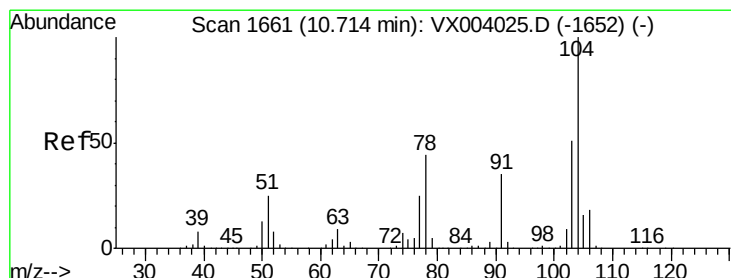
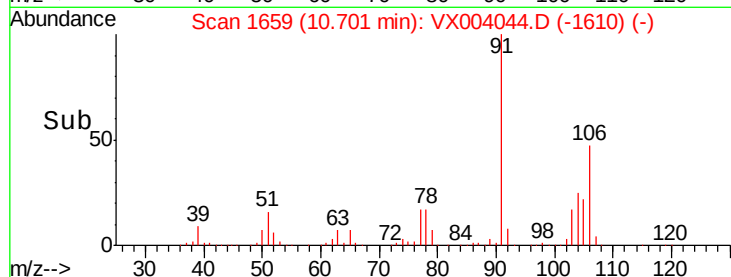
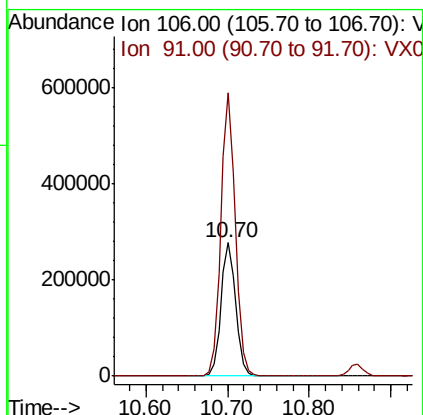
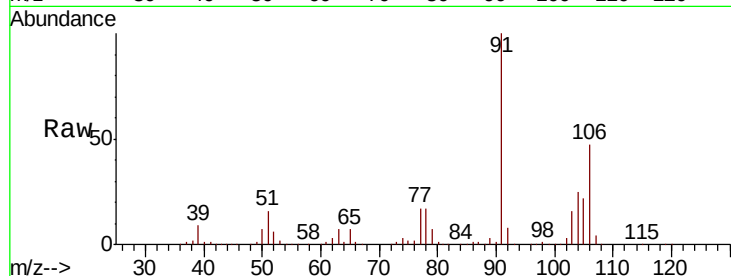




#69
o-Xylene
Concen: 51.948 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

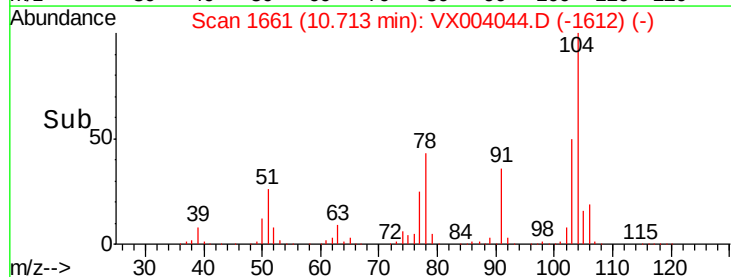
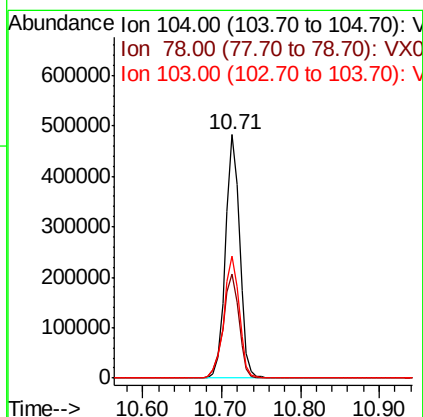
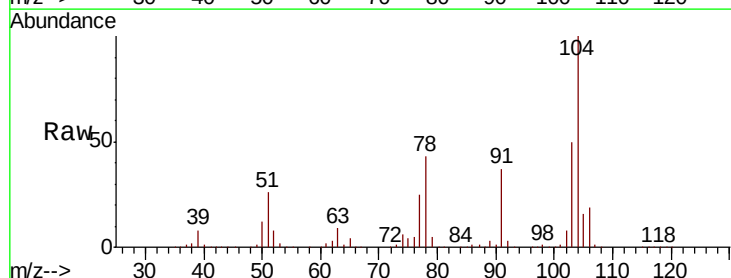
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

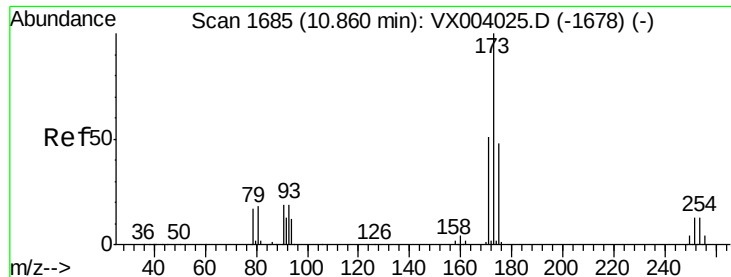
Tgt Ion:106 Resp: 350184
Ion Ratio Lower Upper
106 100
91 209.4 101.9 305.7



#70
Styrene
Concen: 53.176 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:104 Resp: 603278
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 54.2 44.3 66.5

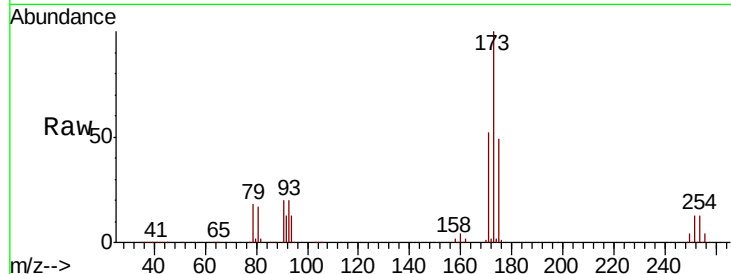




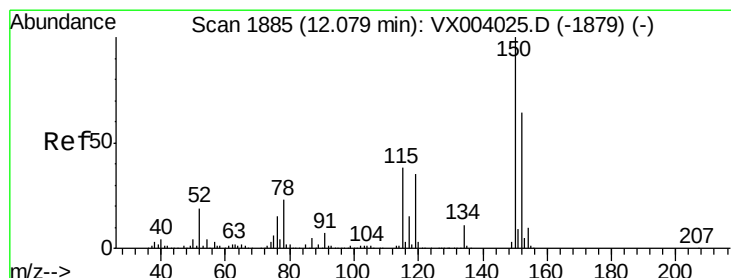
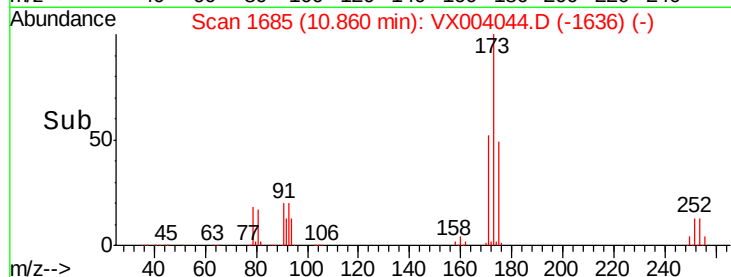
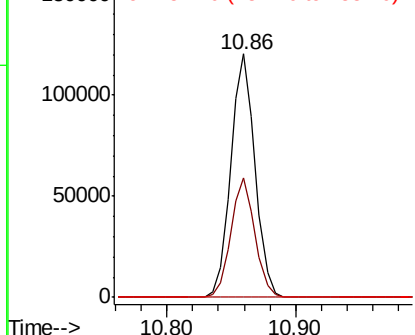
#71
Bromoform
Concen: 51.237 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 157630
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.7
254 0.2 0.2 0.2#

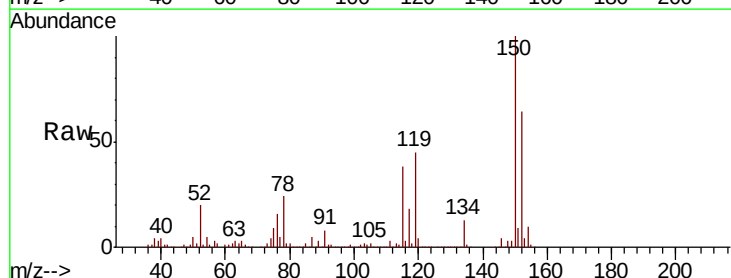


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

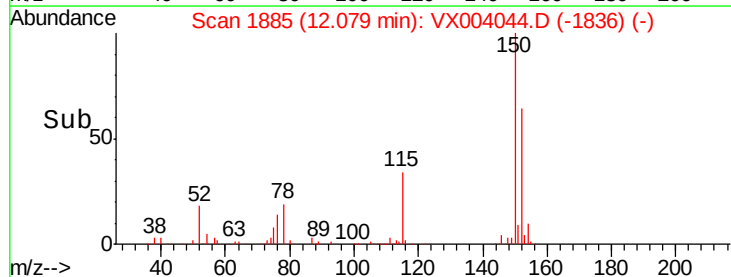
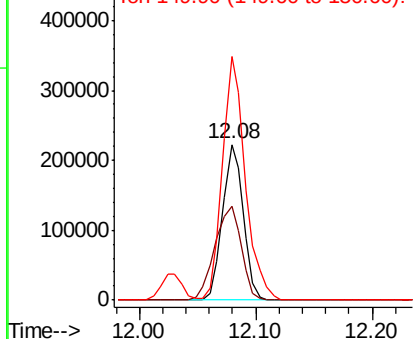


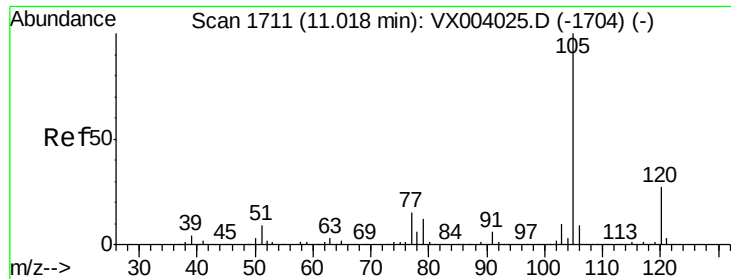
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:152 Resp: 272272
Ion Ratio Lower Upper
152 100
115 76.9 39.1 117.3
150 173.3 0.0 349.2



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: 50.612 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

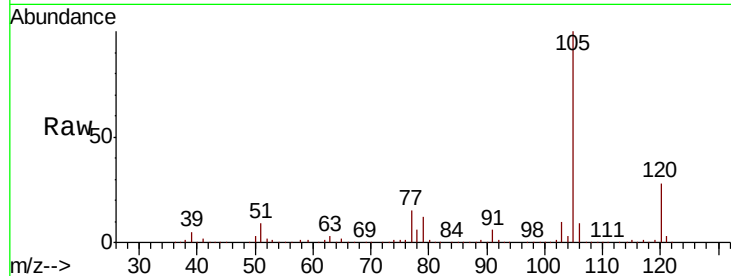
VSTDCCC050EC

Tgt Ion: 105 Resp: 932547

Ion Ratio Lower Upper

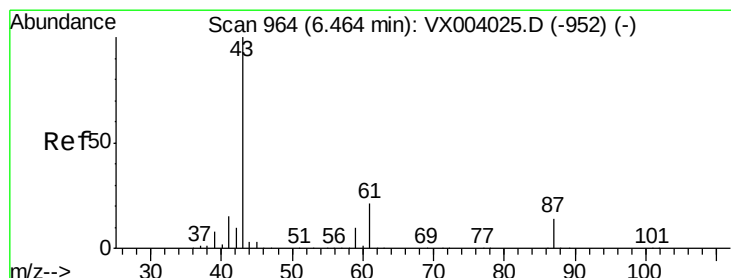
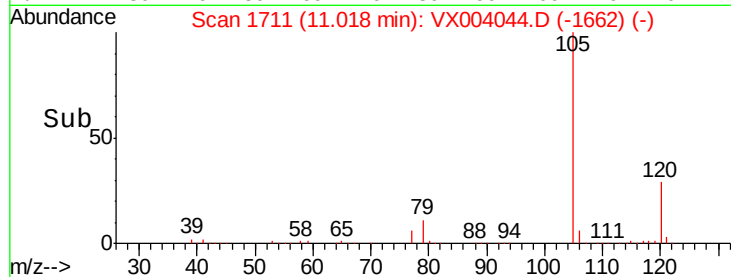
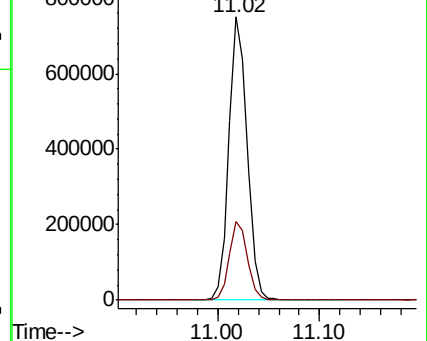
105 100

120 27.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.966 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Tgt Ion: 43 Resp: 415690

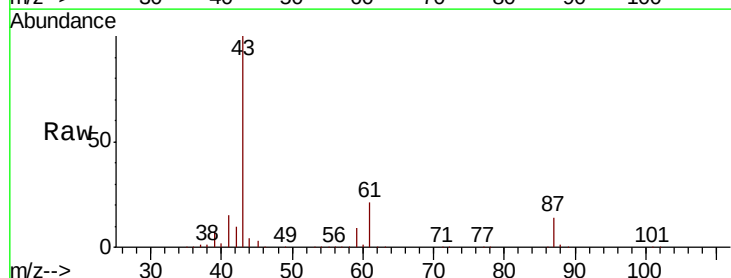
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1

61 21.0 16.9 25.3

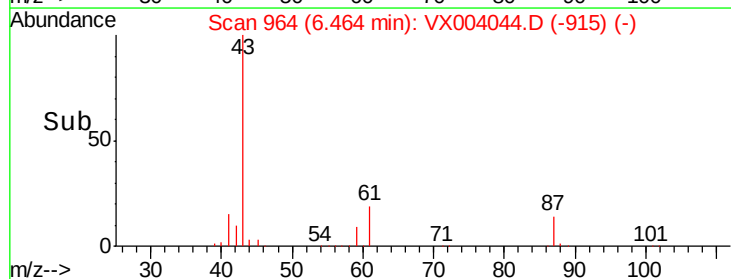
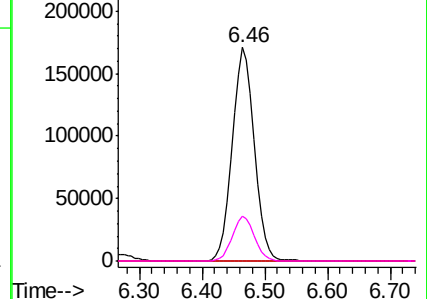


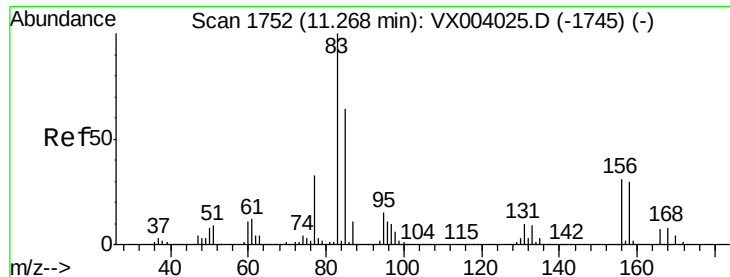
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.674 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

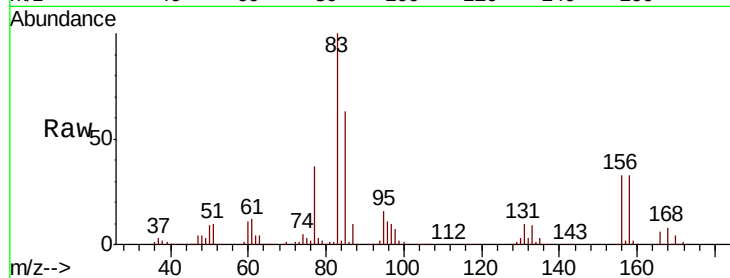
Tgt Ion: 83 Resp: 313188

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

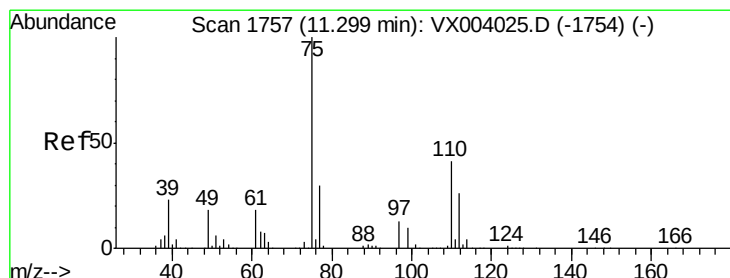
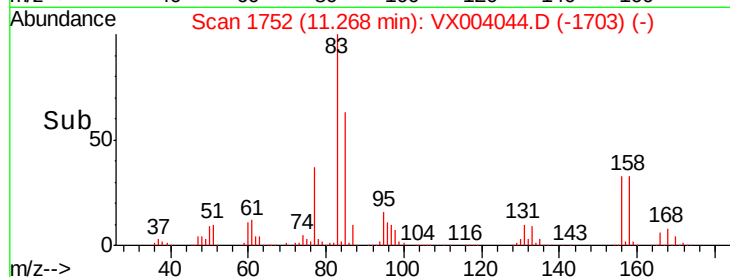
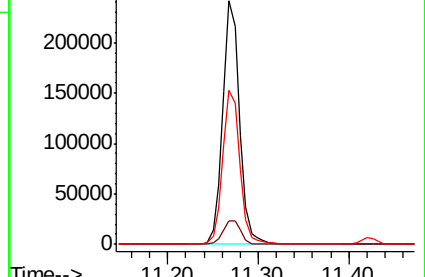
85 64.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.052 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004044.D

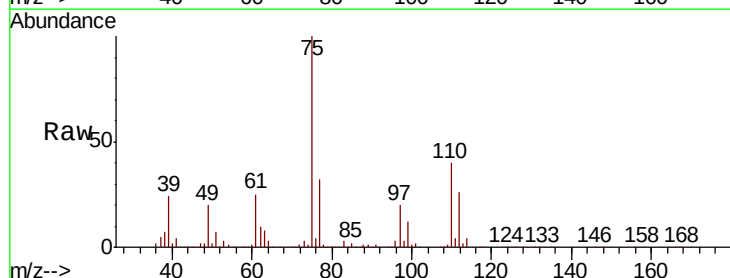
Acq: 14 Aug 2018 21:16

Tgt Ion: 75 Resp: 355195

Ion Ratio Lower Upper

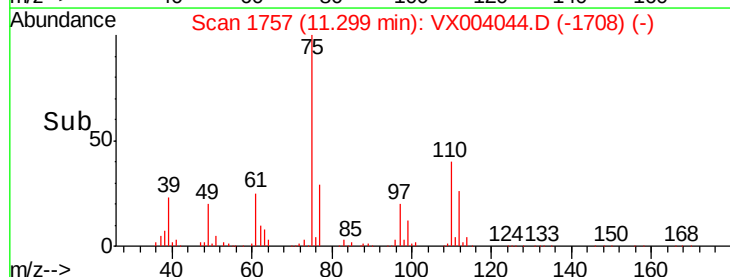
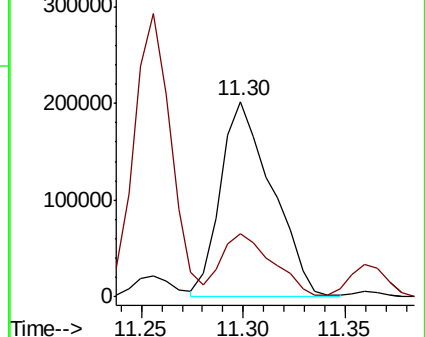
75 100

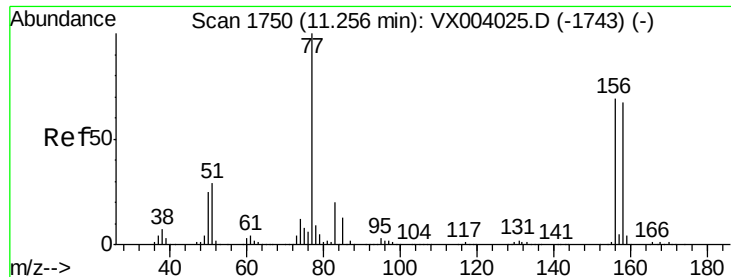
77 32.1 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.955 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

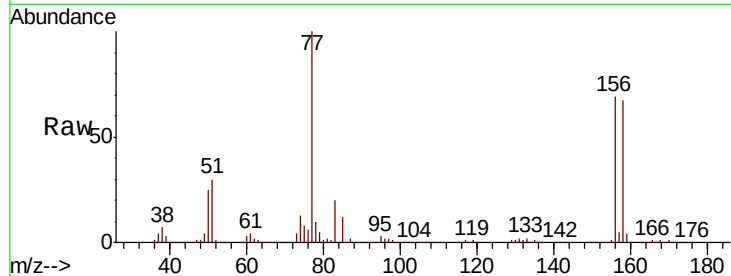
Tgt Ion:156 Resp: 248654

Ion Ratio Lower Upper

156 100

77 148.4 74.1 222.2

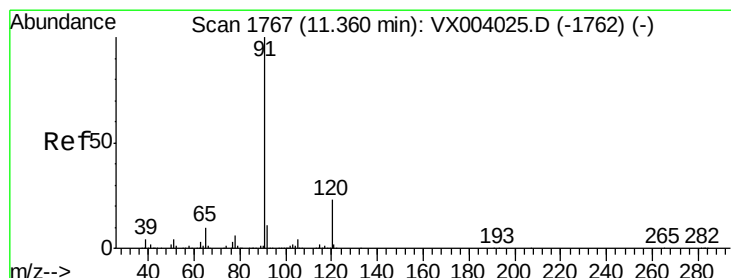
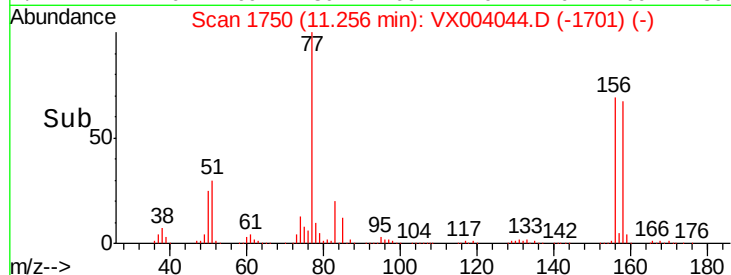
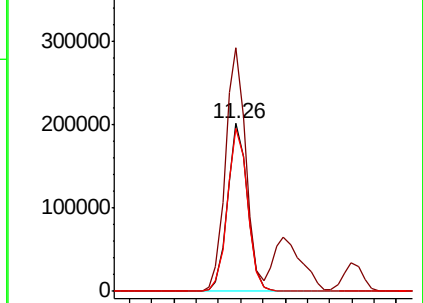
158 98.4 48.6 145.9



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: 52.474 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004044.D

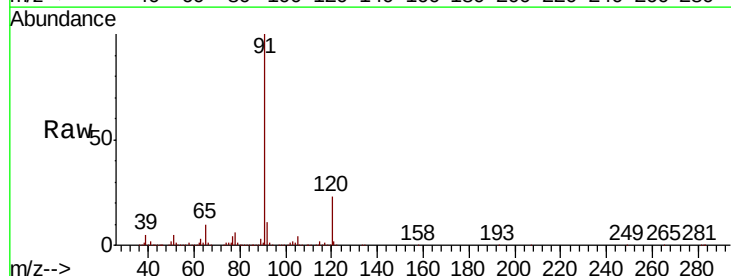
Acq: 14 Aug 2018 21:16

Tgt Ion: 91 Resp: 1082010

Ion Ratio Lower Upper

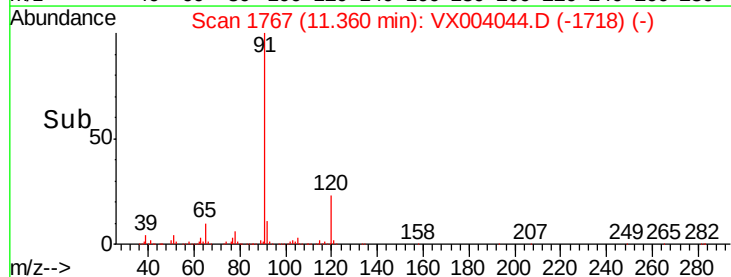
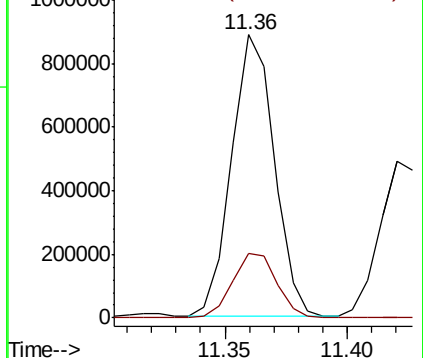
91 100

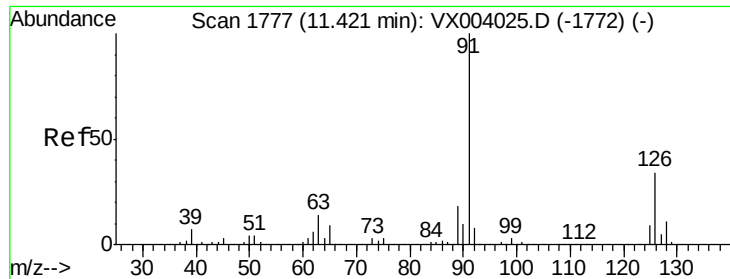
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.543 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

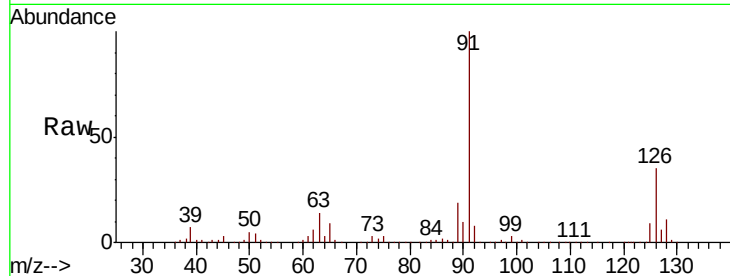
VSTDCCC050EC

Tgt Ion: 91 Resp: 635122

Ion Ratio Lower Upper

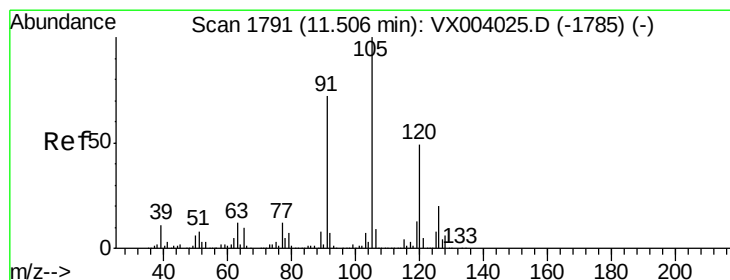
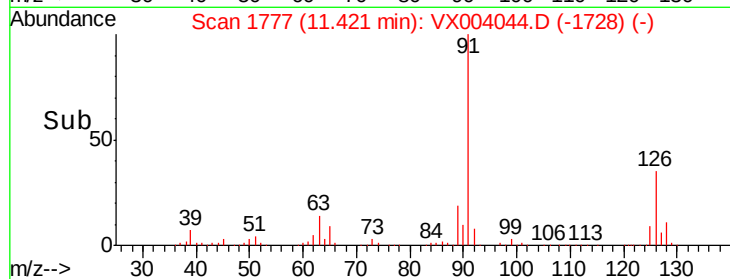
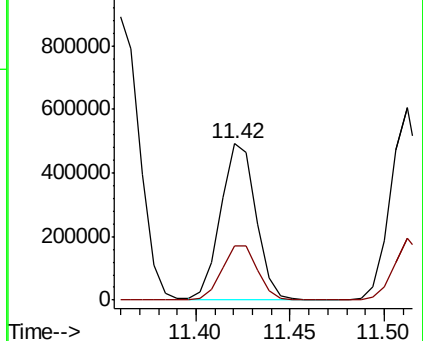
91 100

126 35.7 17.4 52.3



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: 51.328 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004044.D

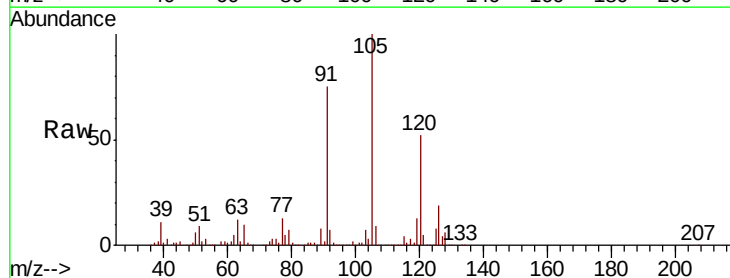
Acq: 14 Aug 2018 21:16

Tgt Ion: 105 Resp: 774377

Ion Ratio Lower Upper

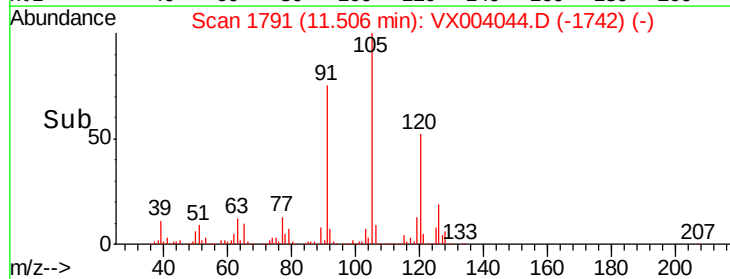
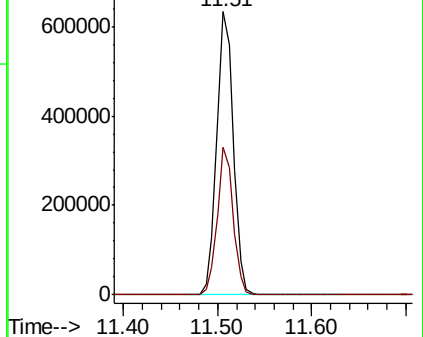
105 100

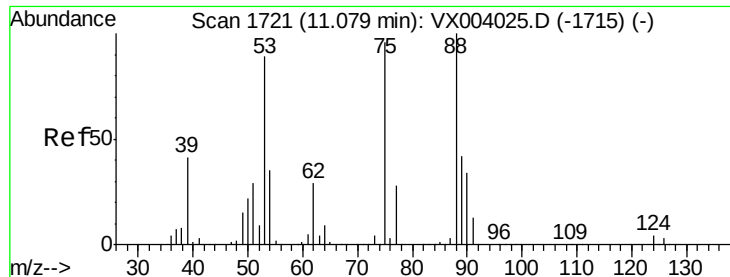
120 50.0 25.4 76.2



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: 48.939 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

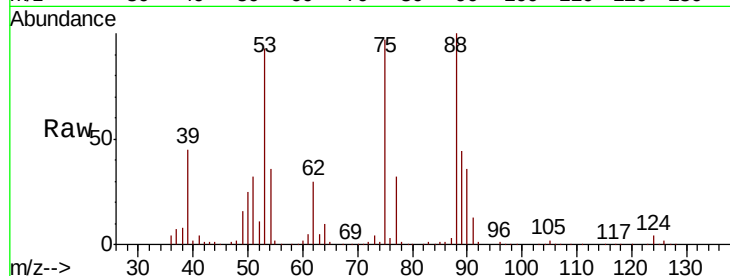
Tgt Ion: 75 Resp: 86323

Ion Ratio Lower Upper

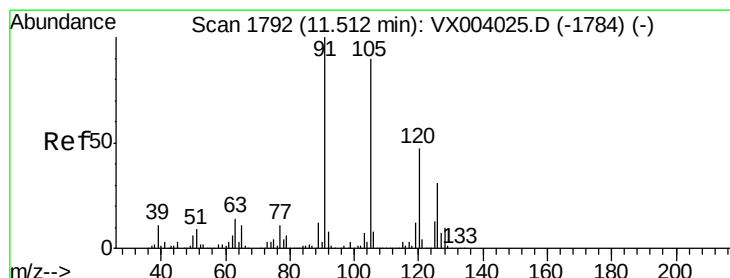
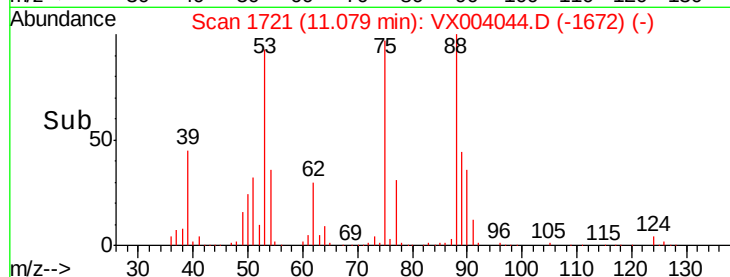
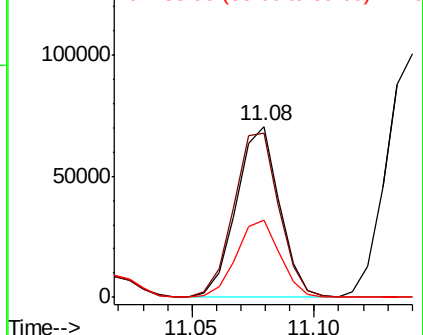
75 100

53 101.2 80.3 120.5

89 45.8 37.8 56.8



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: 49.513 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004044.D

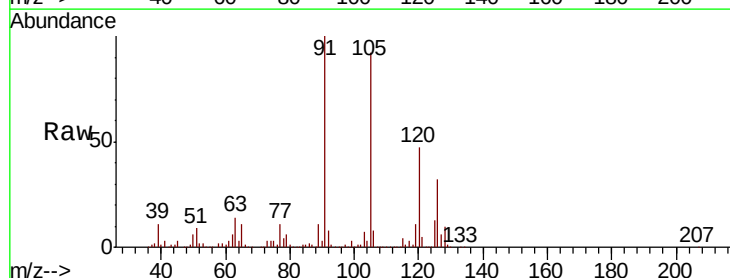
Acq: 14 Aug 2018 21:16

Tgt Ion: 91 Resp: 735453

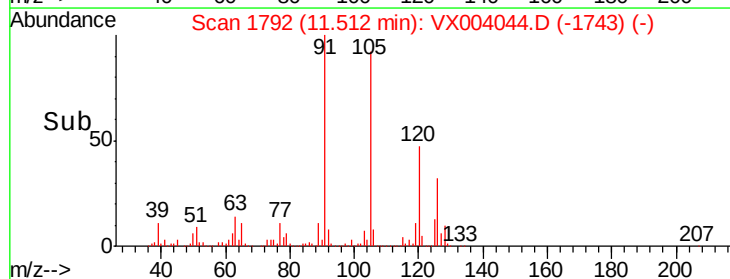
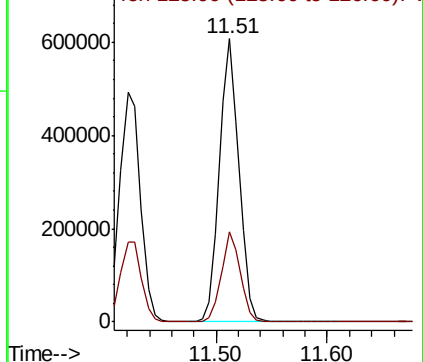
Ion Ratio Lower Upper

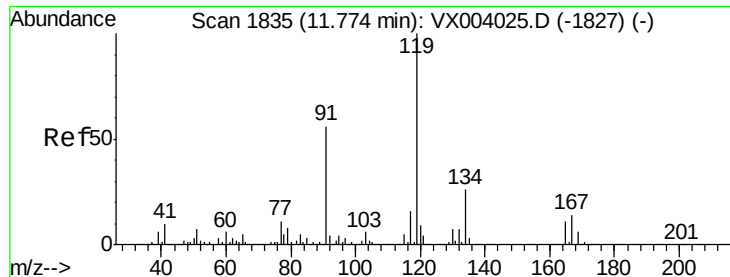
91 100

126 30.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

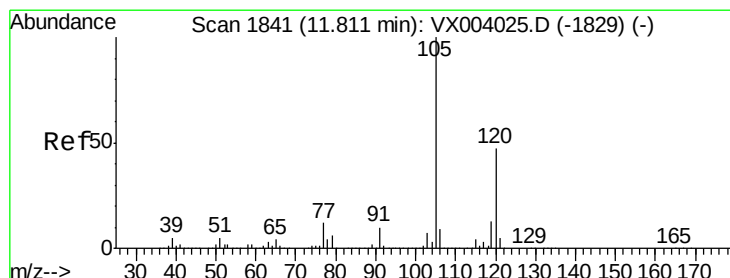
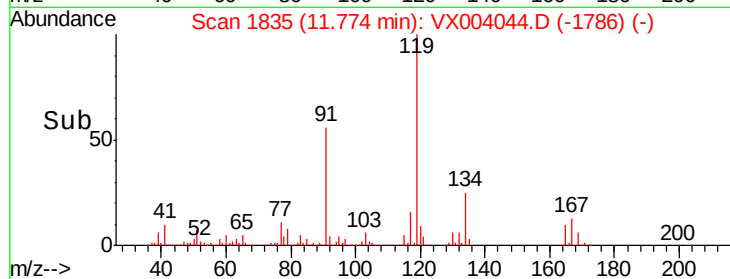
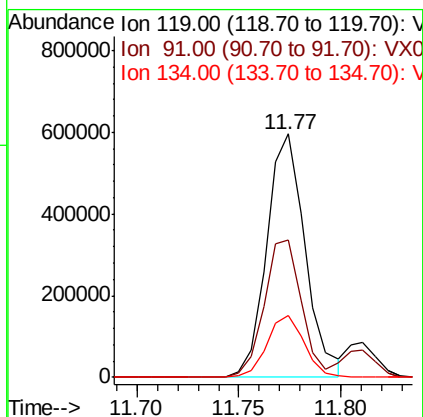
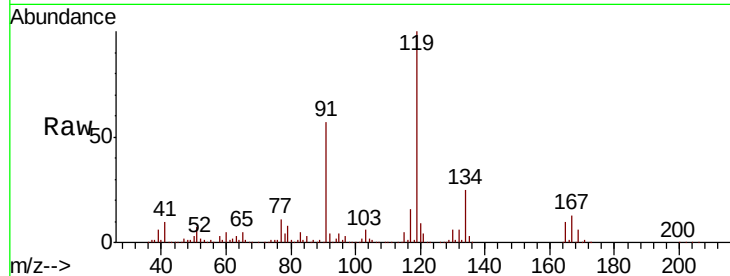




#83
 tert-Butylbenzene
 Concen: 51.382 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

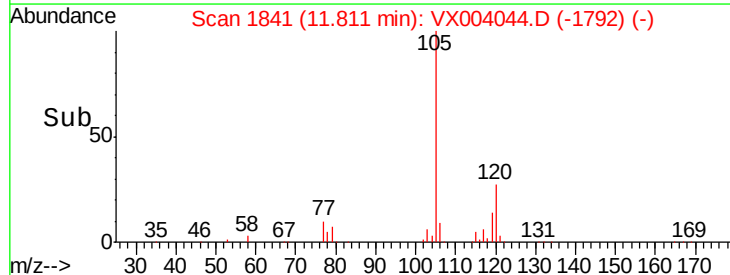
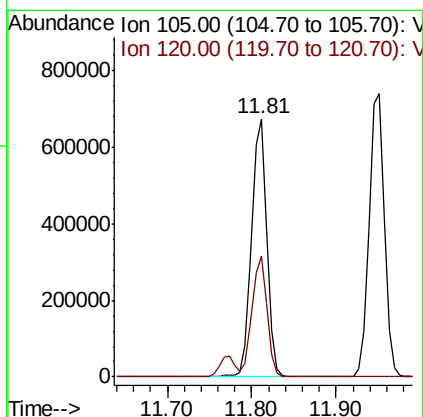
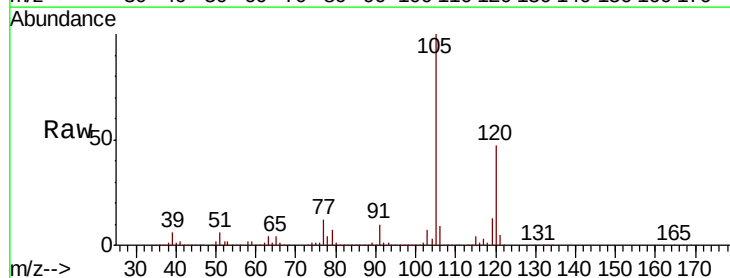
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

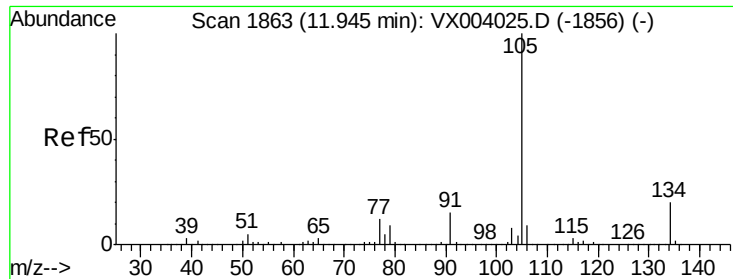
Tgt Ion:119 Resp: 781593
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 24.3 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.875 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion:105 Resp: 810573
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

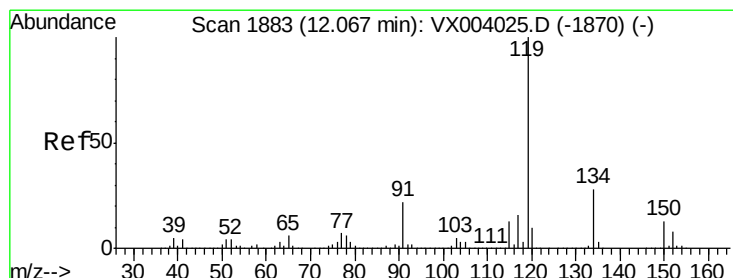
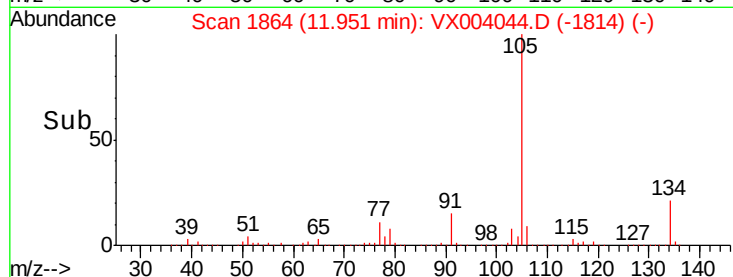
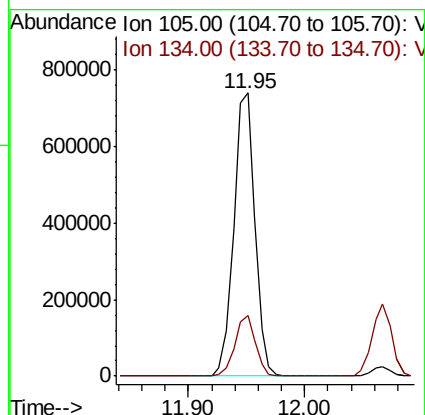
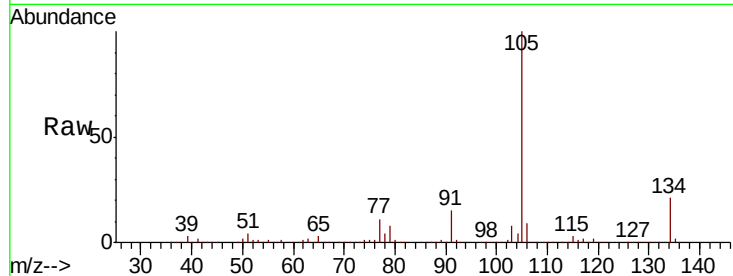




#85
 sec-Butylbenzene
 Concen: 52.419 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

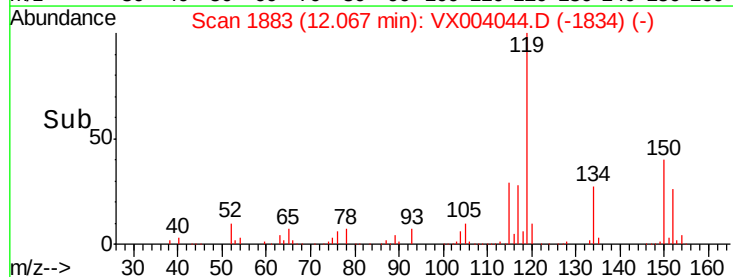
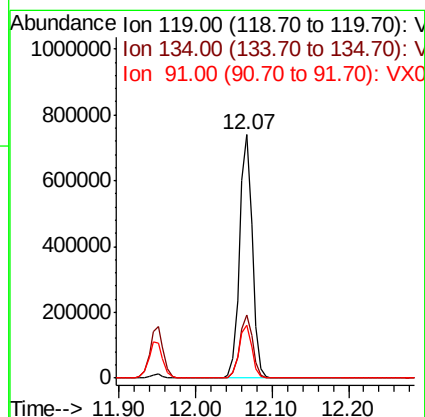
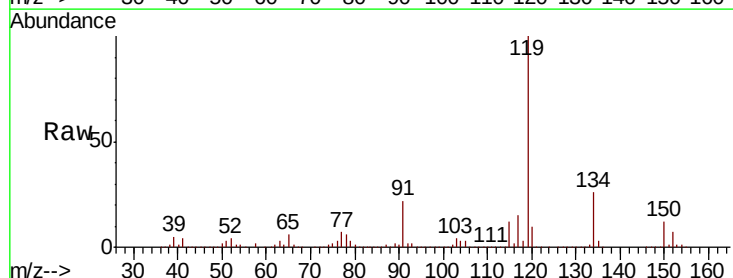
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

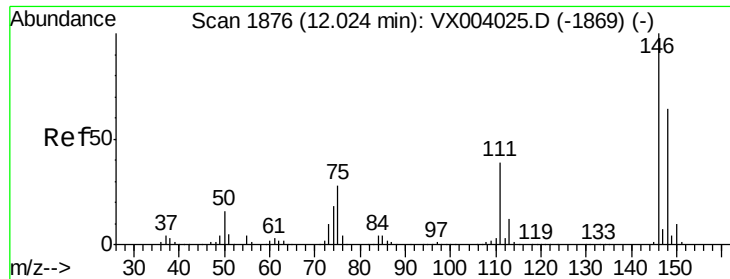
Tgt Ion:105 Resp: 933253
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 52.461 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion:119 Resp: 845550
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 10.9 32.7

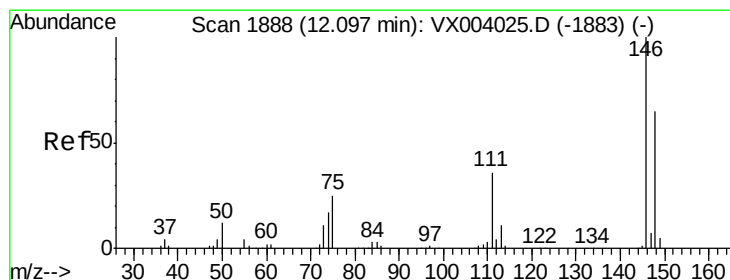
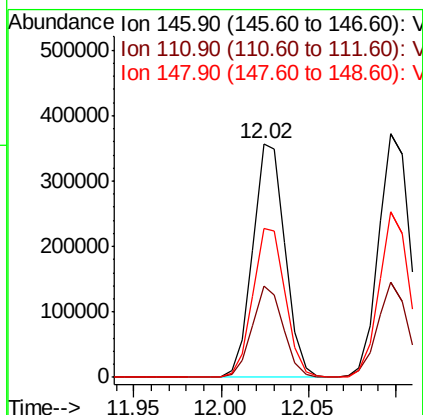
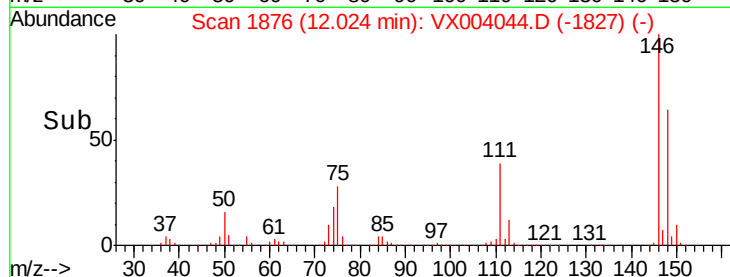
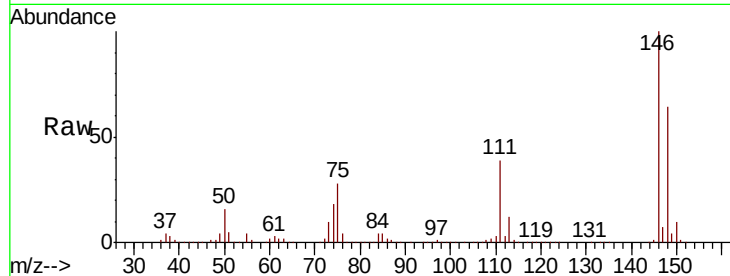




#87
 1,3-Dichlorobenzene
 Concen: 47.652 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

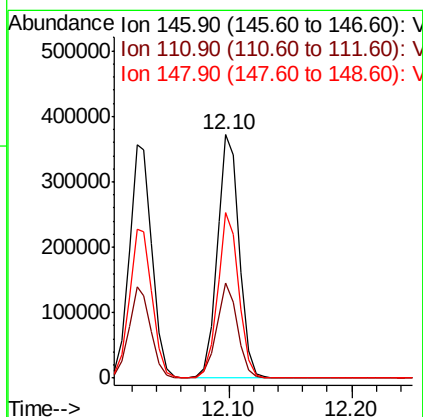
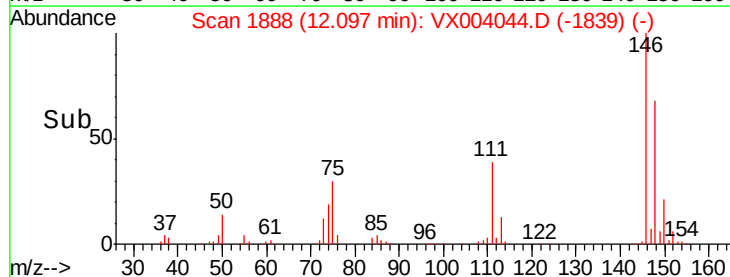
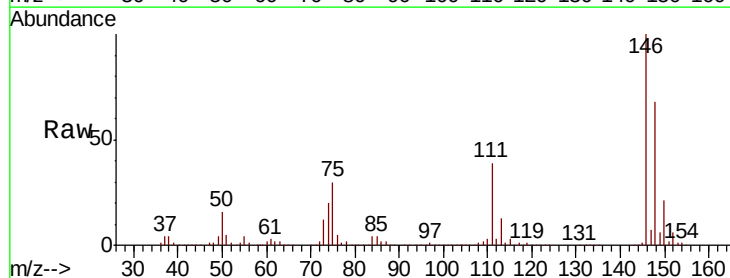
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

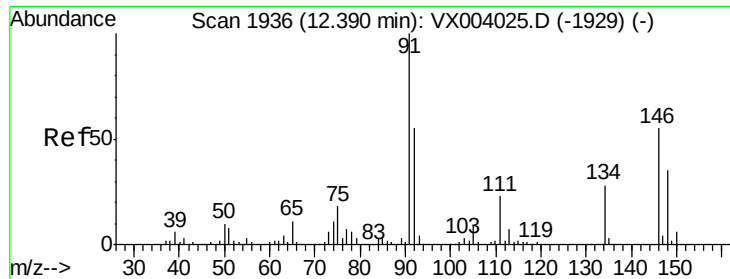
Tgt Ion:146 Resp: 461622
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.326 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion:146 Resp: 461875
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.0
 148 65.6 32.3 96.8





#89

n-Butylbenzene

Concen: 51.686 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004044.D

Acq: 14 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

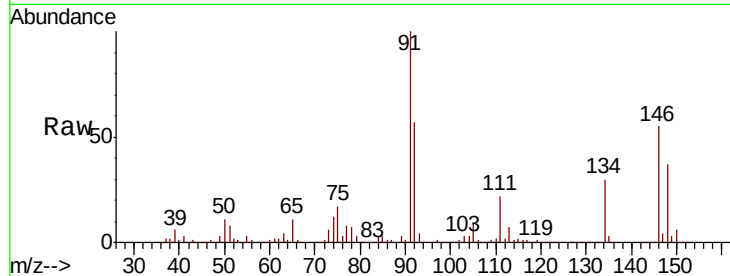
Tgt Ion: 91 Resp: 656437

Ion Ratio Lower Upper

91 100

92 54.9 27.1 81.3

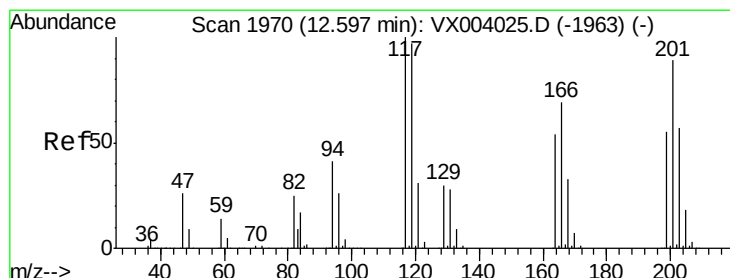
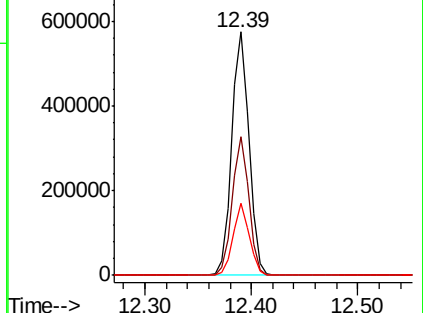
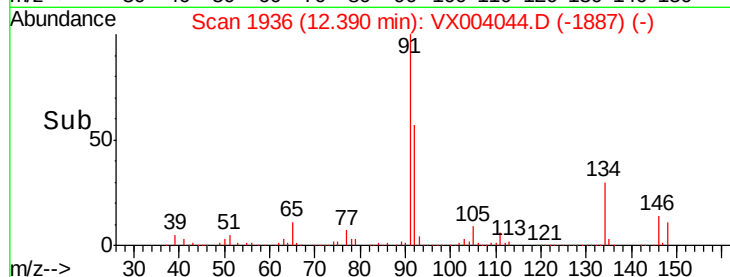
134 27.7 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004044.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004044.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004044.D (-1887) (-)



#90

Hexachloroethane

Concen: 47.461 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004044.D

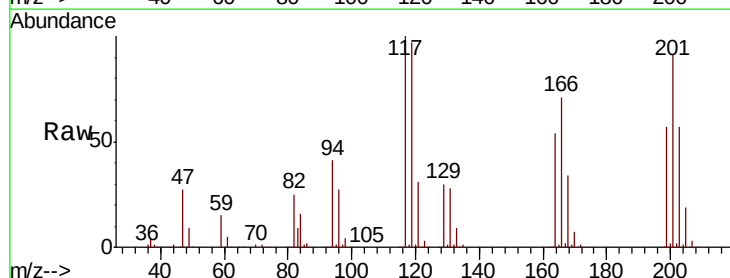
Acq: 14 Aug 2018 21:16

Tgt Ion: 117 Resp: 114457

Ion Ratio Lower Upper

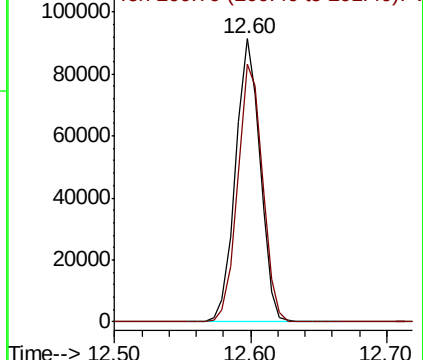
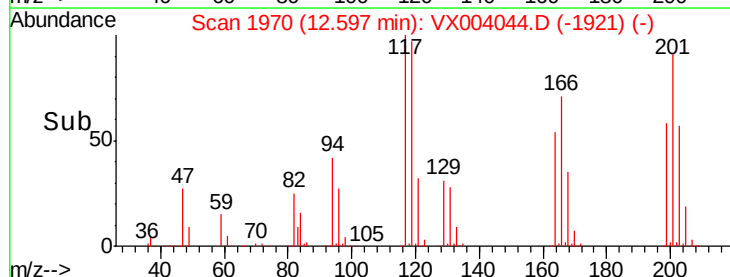
117 100

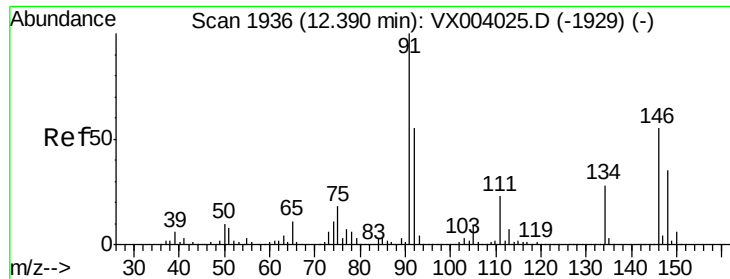
201 92.1 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004044.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004044.D (-1921) (-)

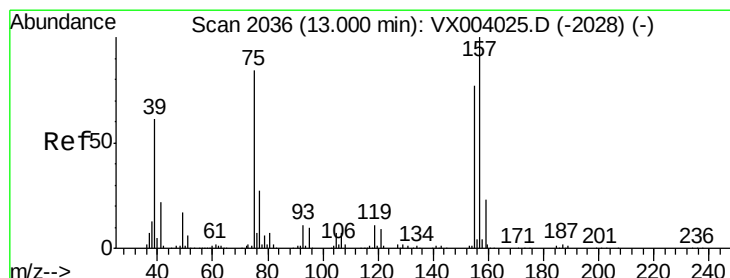
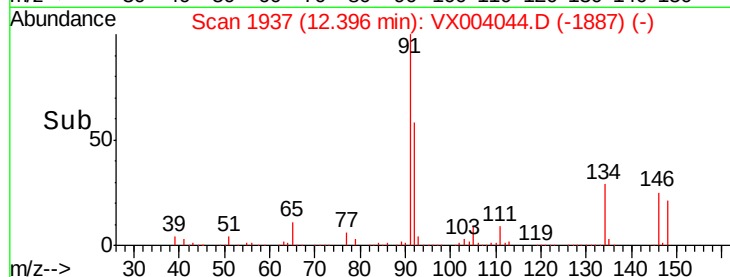
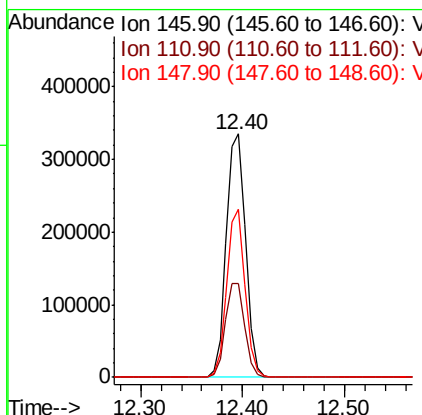
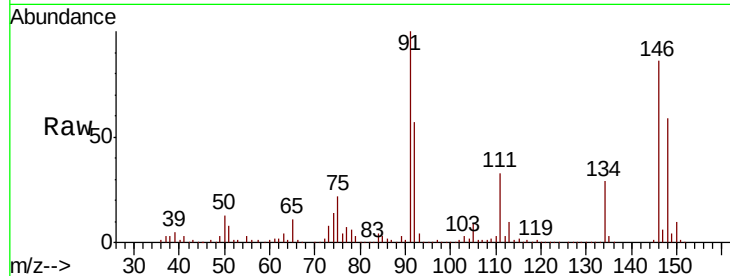




#91
 1,2-Dichlorobenzene
 Concen: 50.142 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

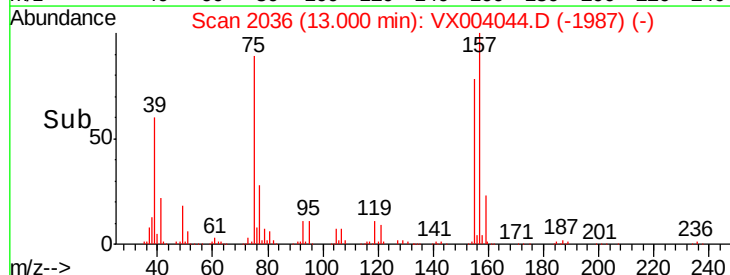
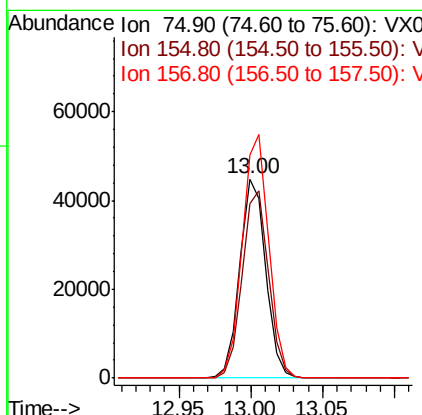
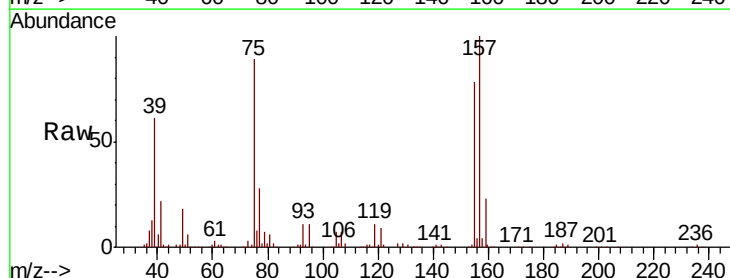
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

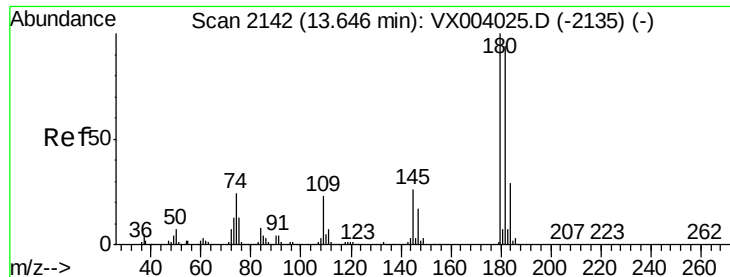
Tgt Ion:146 Resp: 438072
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 64.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.809 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004044.D
 Acq: 14 Aug 2018 21:16

Tgt Ion: 75 Resp: 56328
 Ion Ratio Lower Upper
 75 100
 155 95.2 48.7 146.1
 157 123.5 62.6 187.8

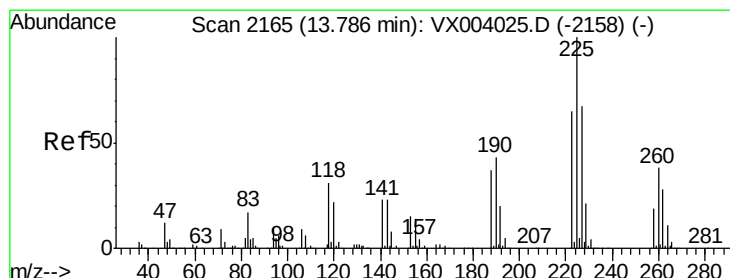
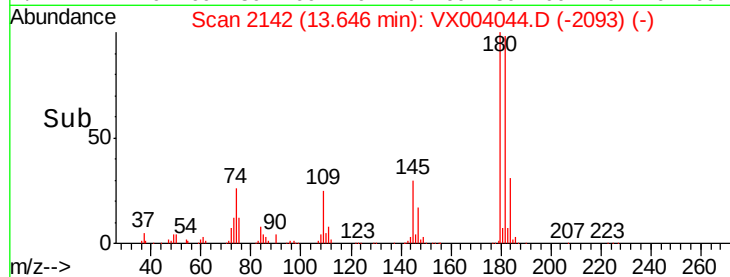
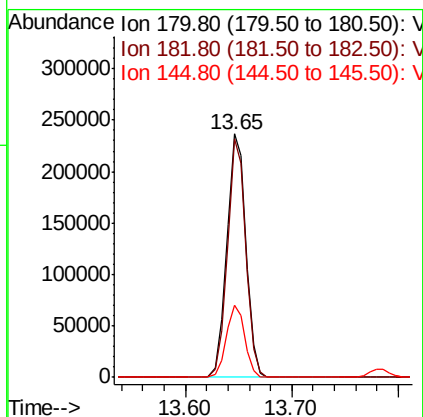
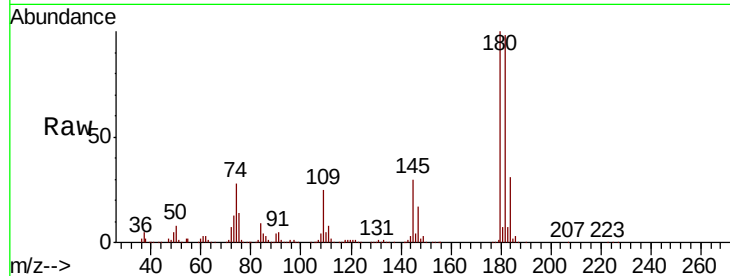




#93
1,2,4-Trichlorobenzene
Concen: 49.637 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

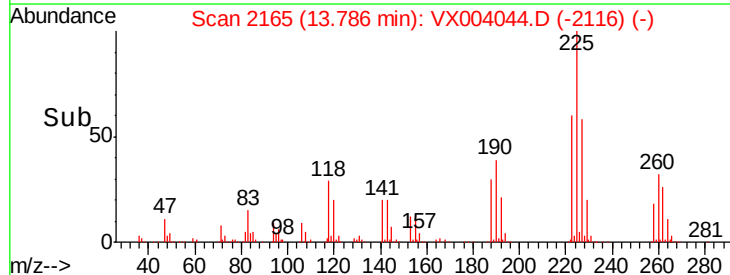
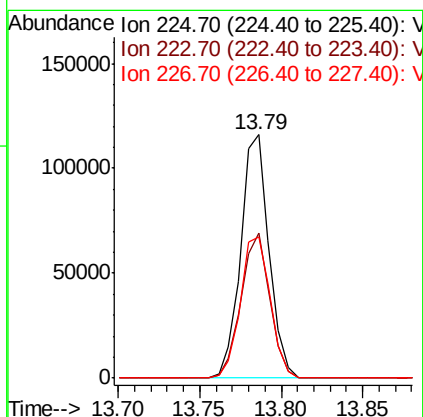
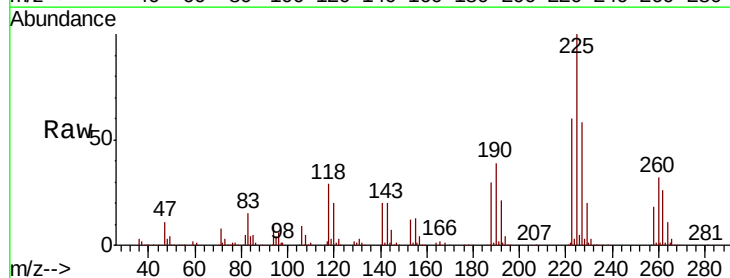
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

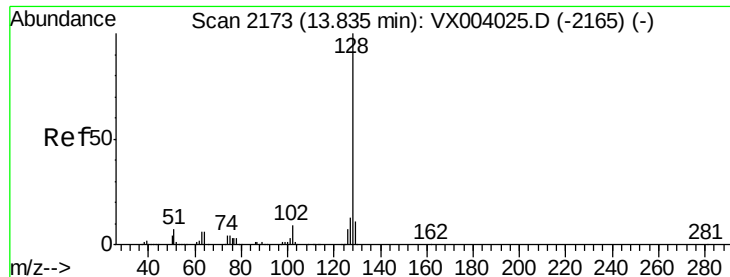
Tgt Ion:180 Resp: 296436
Ion Ratio Lower Upper
180 100
182 94.3 47.7 143.1
145 28.7 13.9 41.6



#94
Hexachlorobutadiene
Concen: 46.741 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:225 Resp: 139925
Ion Ratio Lower Upper
225 100
223 60.6 31.4 94.0
227 61.4 32.1 96.5

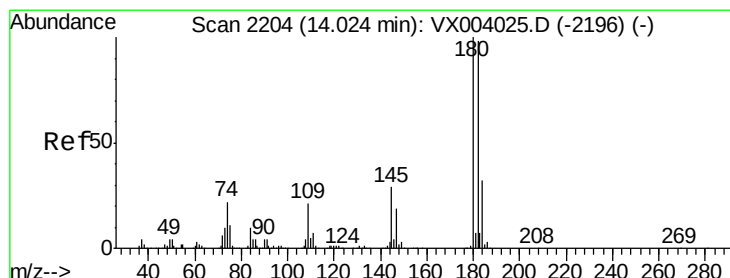
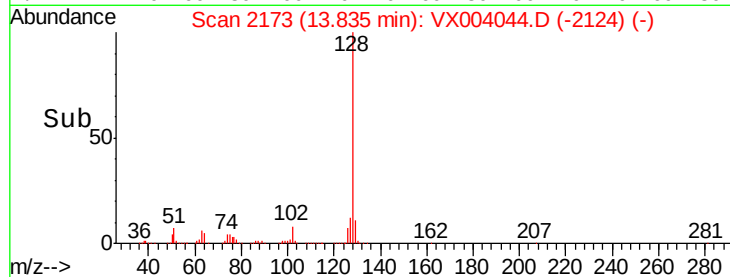
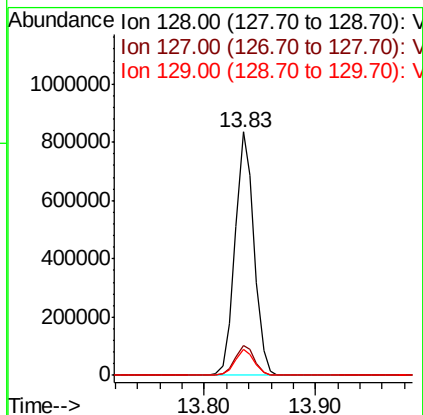
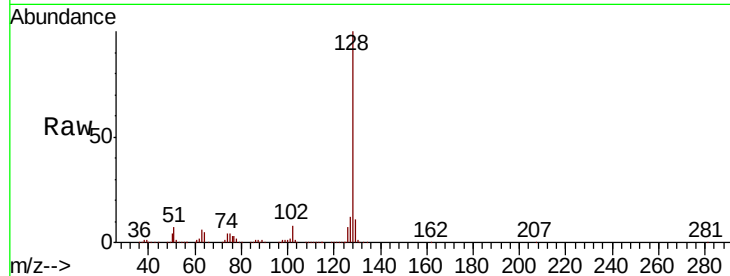




#95
Naphthalene
Concen: 51.426 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 979628
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.679 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004044.D
Acq: 14 Aug 2018 21:16

Tgt Ion:180 Resp: 330029
Ion Ratio Lower Upper
180 100
182 96.6 48.1 144.4
145 29.8 14.9 44.7

