

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100818\
 Data File : VX005137.D
 Acq On : 08 Oct 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 05:57:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185975	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147886	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.50	113	116411	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	8.72	98	443231	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	169445	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139072	49.055	ug/l	97
3) Chloromethane	1.32	50	154549	44.933	ug/l	100
4) Vinyl Chloride	1.40	62	157482	48.817	ug/l	99
5) Bromomethane	1.64	94	117362	61.351	ug/l	94
6) Chloroethane	1.71	64	96664	55.226	ug/l	97
7) Trichlorofluoromethane	1.92	101	209146	52.369	ug/l	94
8) Diethyl Ether	2.19	74	87261	50.295	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116407	51.169	ug/l	99
10) Methyl Iodide	2.51	142	115924	38.080	ug/l	93
11) Tert butyl alcohol	3.09	59	221895	267.181	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113776	50.501	ug/l	95
13) Acrolein	2.29	56	92639	156.776	ug/l	90
14) Allyl chloride	2.72	41	252446	51.355	ug/l	96
15) Acrylonitrile	3.15	53	485671	265.648	ug/l	97
16) Acetone	2.45	43	424339	244.706	ug/l #	81
17) Carbon Disulfide	2.56	76	287520	42.471	ug/l	98
18) Methyl Acetate	2.78	43	281270	64.020	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	434544	55.917	ug/l	96
20) Methylene Chloride	2.85	84	131613	52.239	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	118229	47.939	ug/l	89
22) Diisopropyl ether	3.87	45	437266	52.825	ug/l	98
23) Vinyl Acetate	3.82	43	1980756	261.415	ug/l	95
24) 1,1-Dichloroethane	3.69	63	237296	48.058	ug/l	99
25) 2-Butanone	4.70	43	667454	261.124	ug/l	97
26) 2,2-Dichloropropane	4.58	77	157216	45.723	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	134392	48.779	ug/l	94
28) Bromochloromethane	5.01	49	112756	48.492	ug/l	97
29) Tetrahydrofuran	5.16	42	423412	266.516	ug/l	97
30) Chloroform	5.21	83	233348	50.003	ug/l	96
31) Cyclohexane	5.57	56	195699	51.783	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	196424	51.539	ug/l	96
36) 1,1-Dichloropropene	5.80	75	162543	46.184	ug/l	94
37) Ethyl Acetate	4.86	43	227238	48.641	ug/l	98
38) Carbon Tetrachloride	5.77	117	168897	45.653	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184637	51.377	ug/l	87
40) Benzene	6.14	78	510409	46.324	ug/l	95
41) Methacrylonitrile	5.06	41	128524	49.607	ug/l	96
42) 1,2-Dichloroethane	6.20	62	183415	47.089	ug/l	98
43) Isopropyl Acetate	6.46	43	336946	49.970	ug/l	95
44) Trichloroethene	7.21	130	137713	50.842	ug/l	98
45) 1,2-Dichloropropane	7.52	63	140481	51.991	ug/l	99
46) Dibromomethane	7.66	93	87724	51.659	ug/l	100
47) Bromodichloromethane	7.90	83	173028	54.422	ug/l	99
48) Methyl methacrylate	7.78	41	178937	58.466	ug/l	100
49) 1,4-Dioxane	7.76	88	79723	1048.498	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1233774	290.596	ug/l	99
52) Toluene	8.79	92	318534	52.612	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	192515	53.584	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	208848	55.498	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	137307	51.774	ug/l	96
56) Ethyl methacrylate	9.18	69	219448	50.936	ug/l	97
57) 1,3-Dichloropropane	9.37	76	228562	51.783	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	586895	256.446	ug/l	99
59) 2-Hexanone	9.50	43	981109	277.306	ug/l	95
60) Dibromochloromethane	9.58	129	142736	53.817	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140252	49.381	ug/l	96
64) Tetrachloroethene	9.34	164	134292	46.722	ug/l	96
65) Chlorobenzene	10.14	112	364035	48.611	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	136188	51.729	ug/l	99
67) Ethyl Benzene	10.26	91	622390	52.349	ug/l	96
68) m/p-Xylenes	10.36	106	476655	102.595	ug/l	95
69) o-Xylene	10.70	106	233503	54.719	ug/l	100
70) Styrene	10.71	104	397525	49.816	ug/l	99
71) Bromoform	10.86	173	120017	53.248	ug/l	97
73) Isopropylbenzene	11.02	105	637048	54.345	ug/l	99
74) N-amyl acetate	10.90	43	314635	48.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232409	48.705	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	263708	63.264	ug/l	84
77) Bromobenzene	11.26	156	172086	50.542	ug/l	100
78) n-propylbenzene	11.36	91	735995	54.721	ug/l	99
79) 2-Chlorotoluene	11.42	91	438960	52.360	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	543254	50.566	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64385	42.440	ug/l	98
82) 4-Chlorotoluene	11.51	91	516742	52.366	ug/l	100
83) tert-Butylbenzene	11.77	119	552407	57.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	563330	50.846	ug/l	99
85) sec-Butylbenzene	11.94	105	654269	55.656	ug/l	99
86) p-Isopropyltoluene	12.07	119	588982	55.300	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320277	50.376	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327712	49.933	ug/l	100
89) n-Butylbenzene	12.39	91	522658	54.034	ug/l	100
90) Hexachloroethane	12.60	117	95783	54.014	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328763	49.482	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56977	54.382	ug/l	98

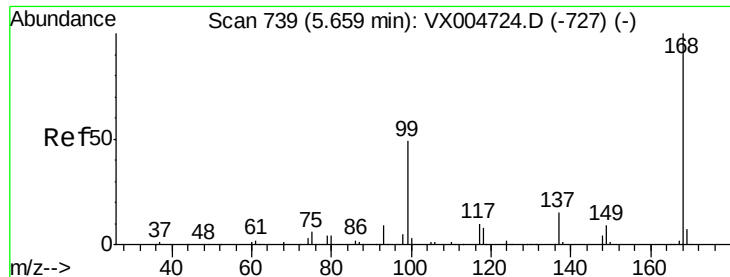
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251819	54.029	ug/l	100
94) Hexachlorobutadiene	13.79	225	123556	51.122	ug/l	99
95) Naphthalene	13.83	128	805087	52.014	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259225	53.841	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

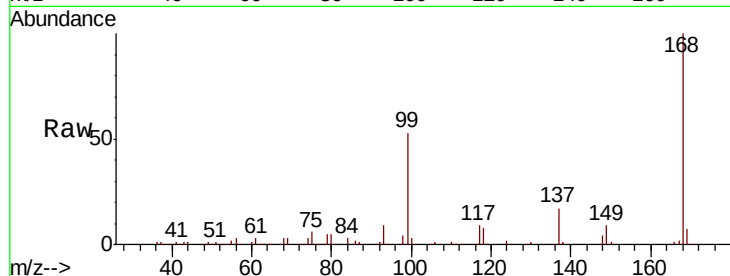
VSTDCCC050EC

Tot Ion:168 Resp: 207926

Ion Ratio Lower Upper

168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

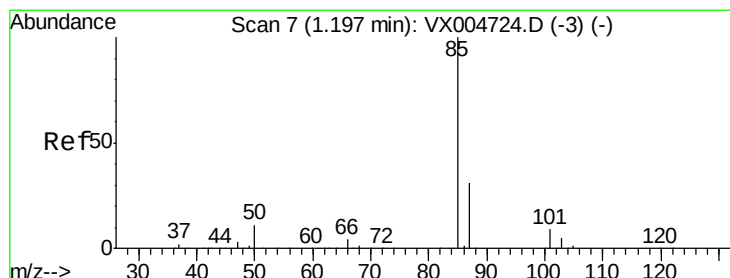
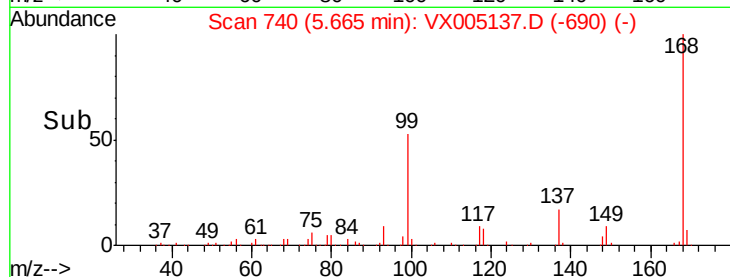
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 49.055 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005137.D

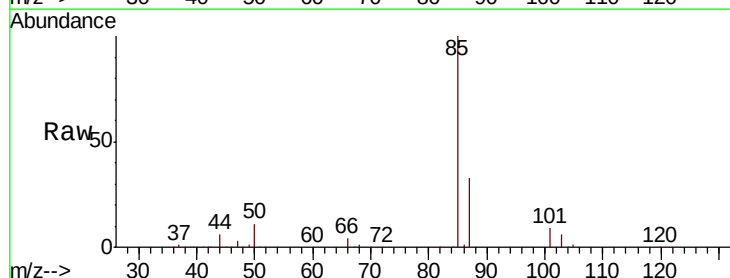
Acq: 08 Oct 2018 19:36

Tgt Ion: 85 Resp: 139072

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

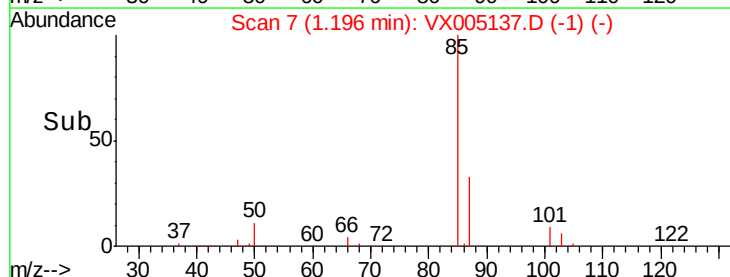
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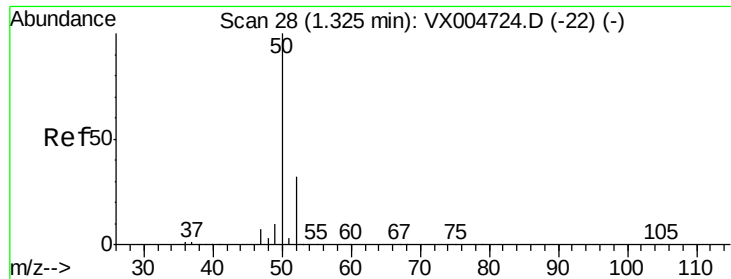
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.933 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

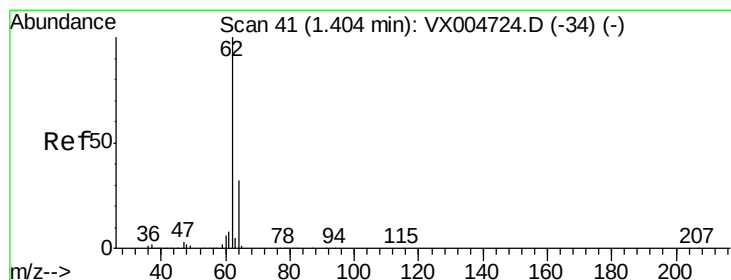
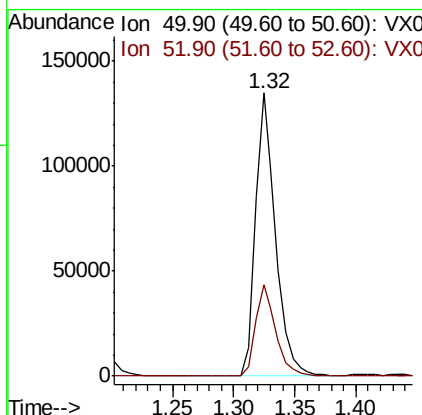
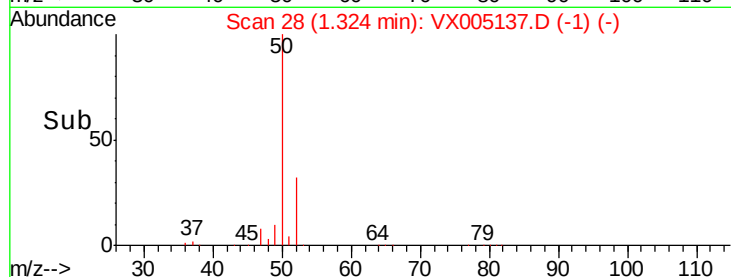
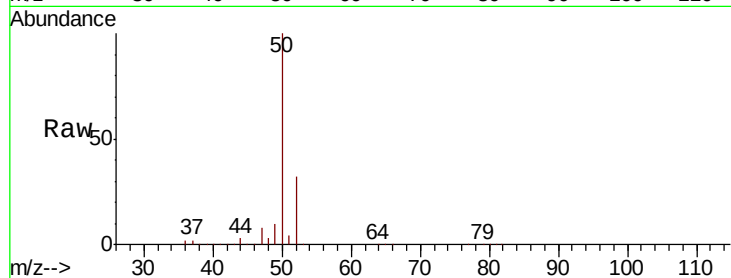
VSTDCCC050EC

Tot Ion: 50 Resp: 154549

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 48.817 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005137.D

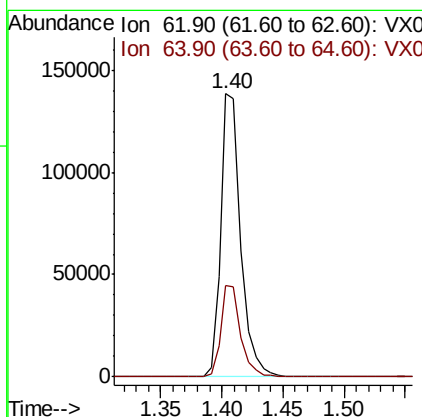
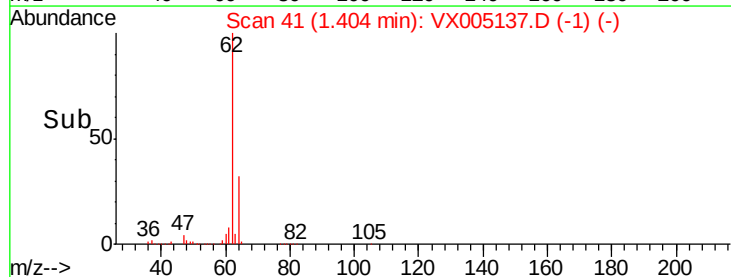
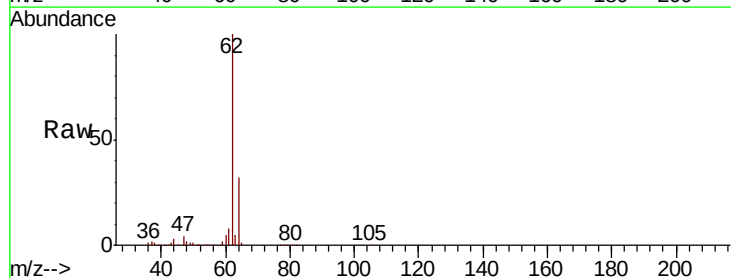
Acq: 08 Oct 2018 19:36

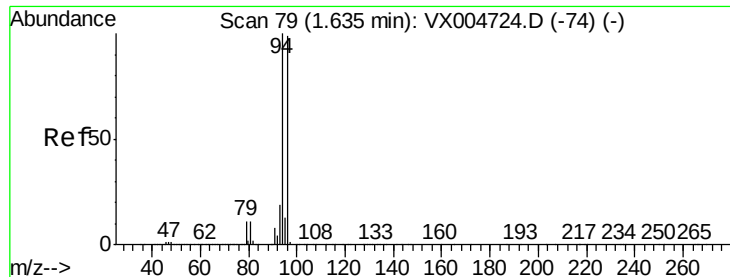
Tgt Ion: 62 Resp: 157482

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 61.351 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

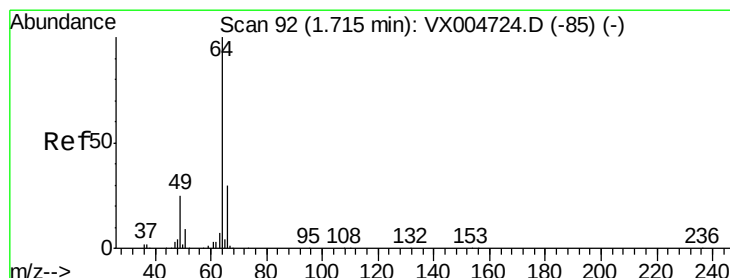
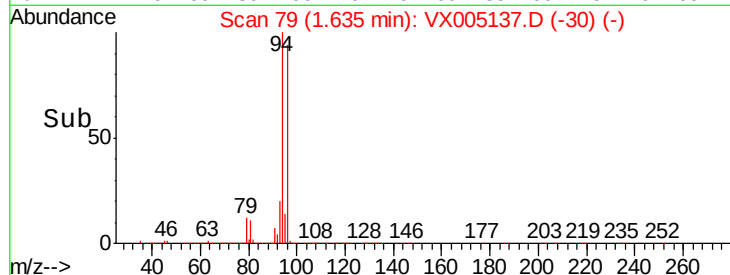
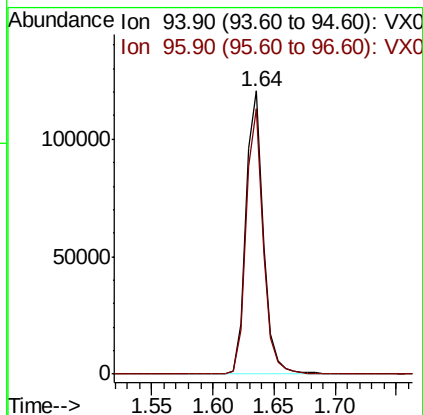
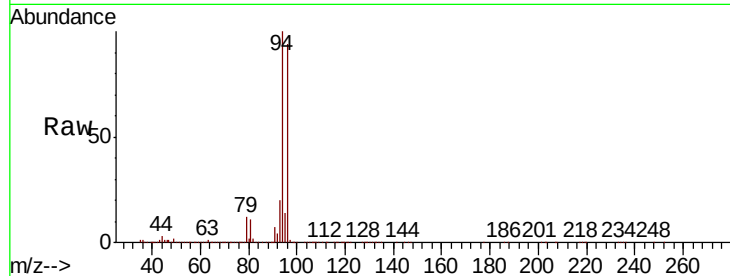
VSTDCCC050EC

Tot Ion: 94 Resp: 117362

Ion Ratio Lower Upper

94 100

96 93.6 79.5 119.3



#6

Chloroethane

Concen: 55.226 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005137.D

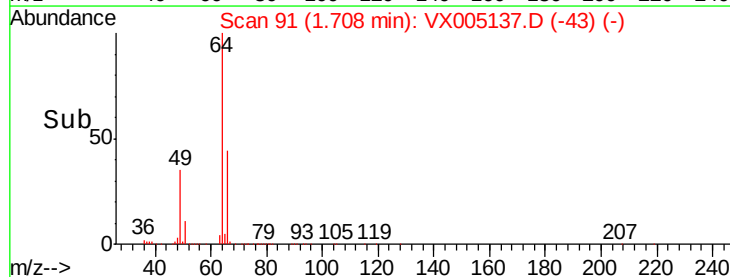
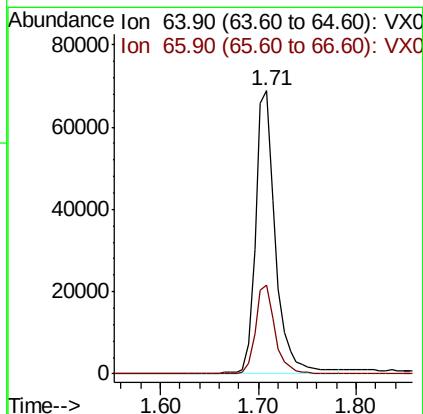
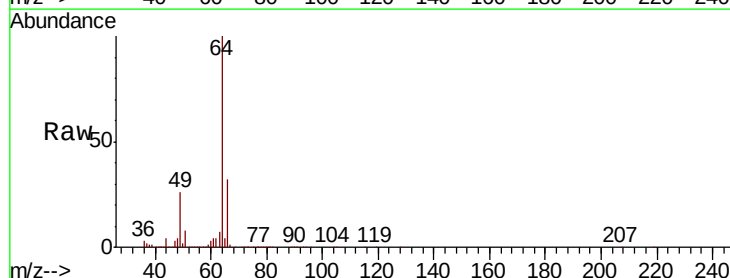
Acq: 08 Oct 2018 19:36

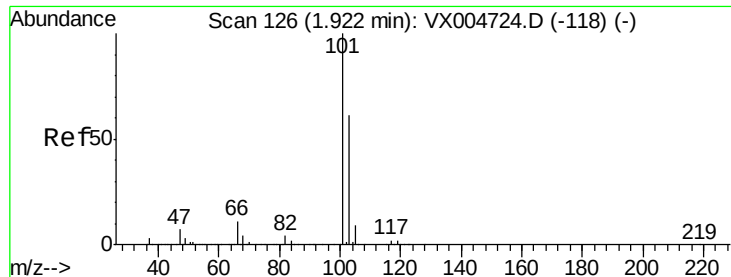
Tgt Ion: 64 Resp: 96664

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



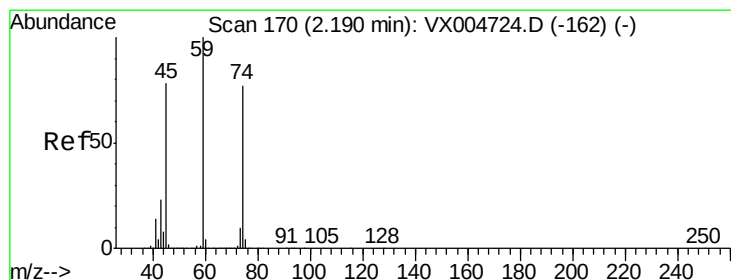
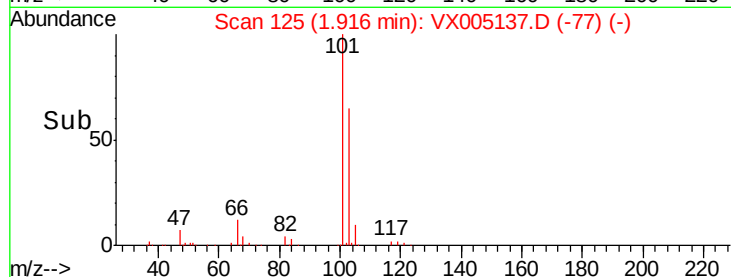
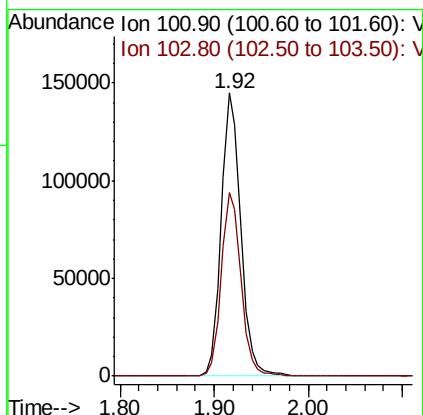
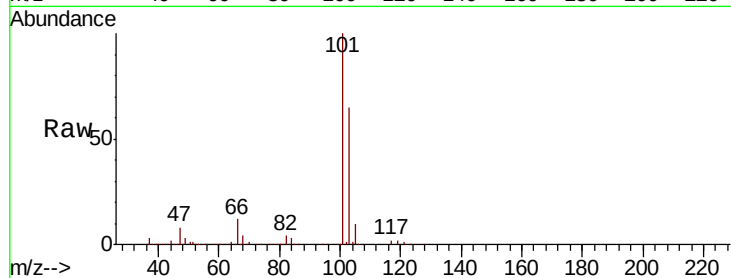


#7

Trichlorofluoromethane
Concen: 52.369 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005137.D
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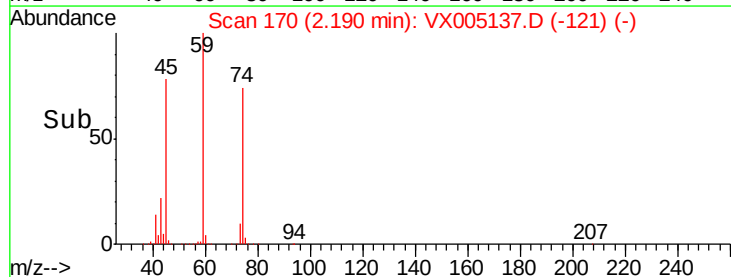
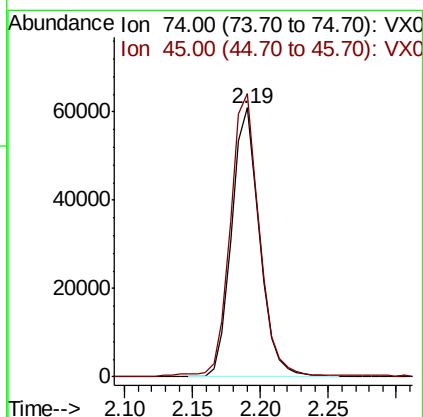
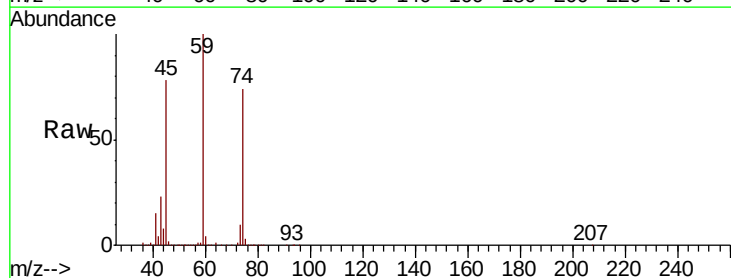
Tot Ion:101 Resp: 209146
Ion Ratio Lower Upper
101 100
103 64.7 48.4 72.6

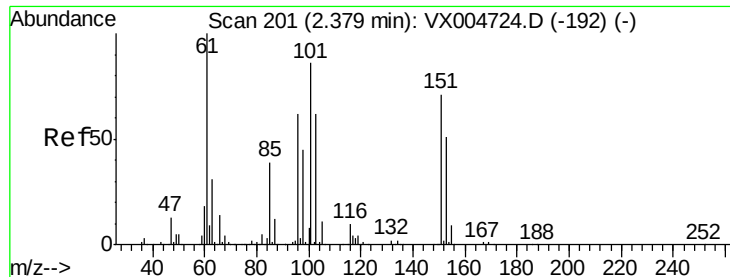


#8

Diethyl Ether
Concen: 50.295 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 74 Resp: 87261
Ion Ratio Lower Upper
74 100
45 108.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.169 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

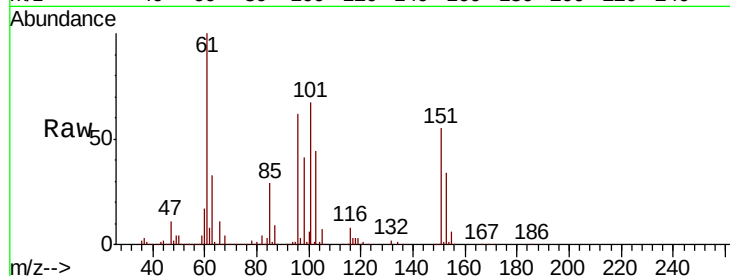
Tot Ion:101 Resp: 116407

Ion Ratio Lower Upper

101 100

85 44.0 35.9 53.9

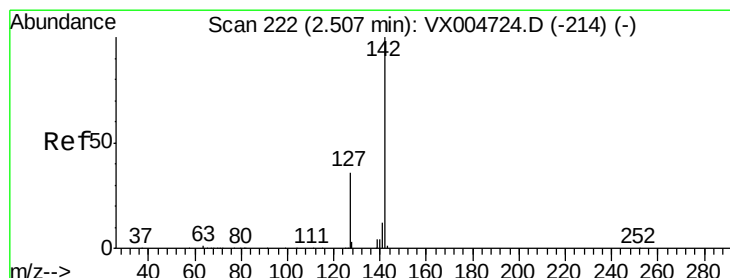
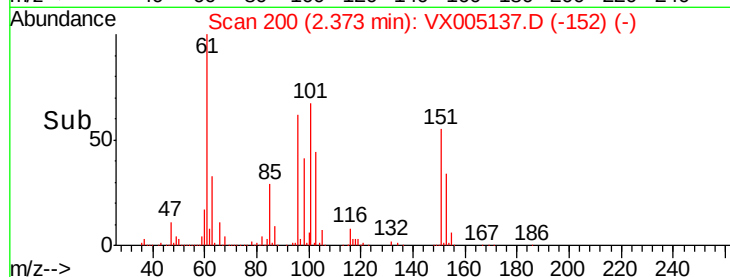
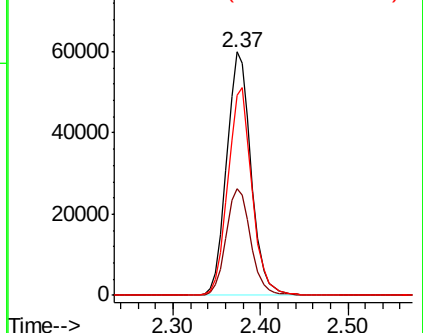
151 84.1 66.6 100.0



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: 38.080 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

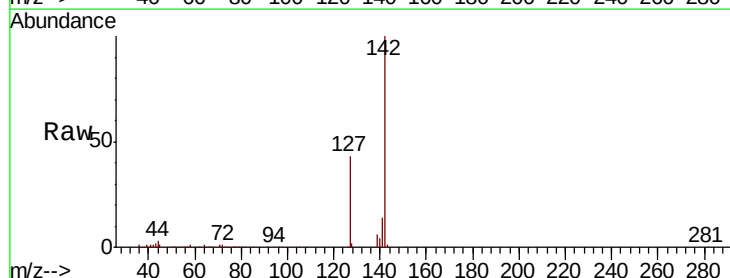
Tgt Ion:142 Resp: 115924

Ion Ratio Lower Upper

142 100

127 42.3 30.1 45.1

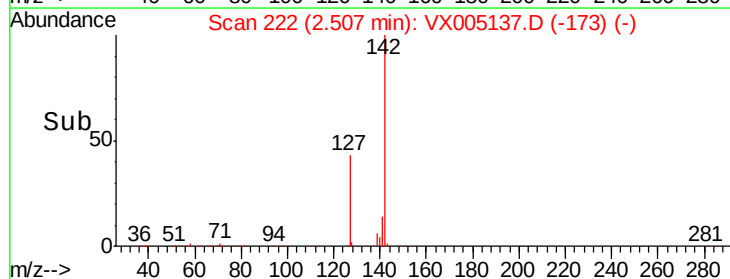
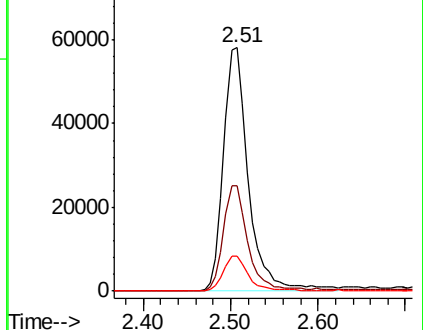
141 14.3 10.1 15.1

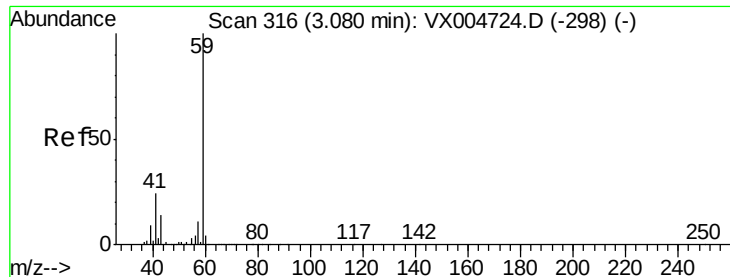


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

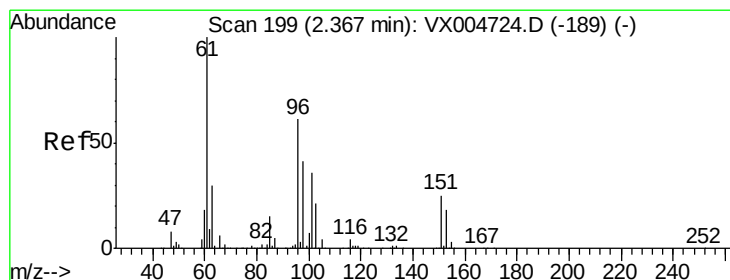
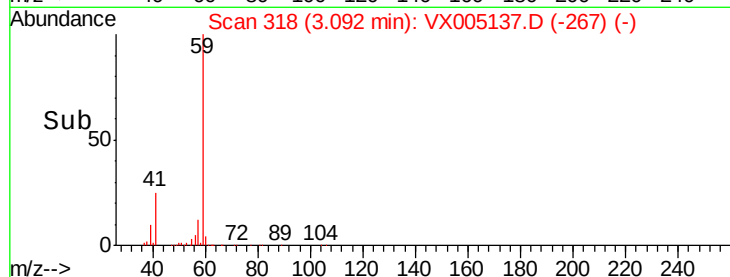
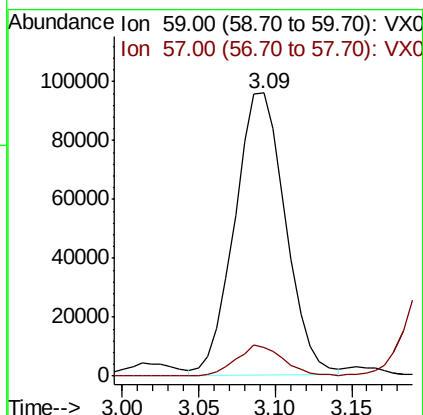
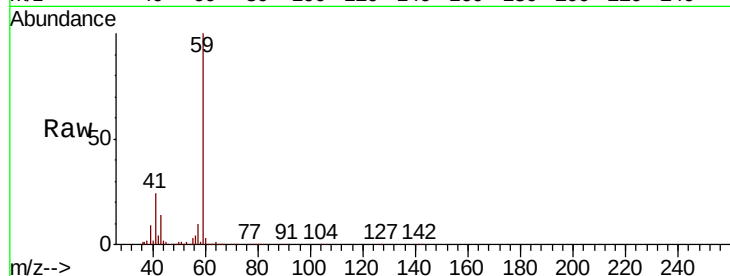




#11
Tert butyl alcohol
Concen: 267.181 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

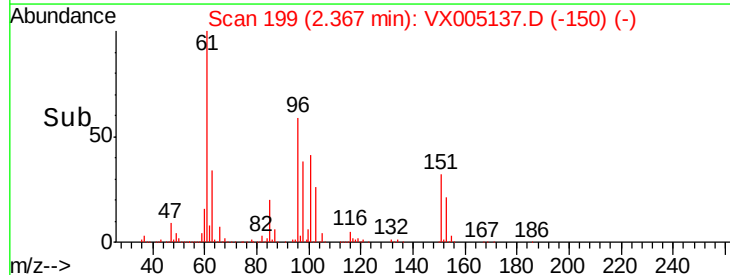
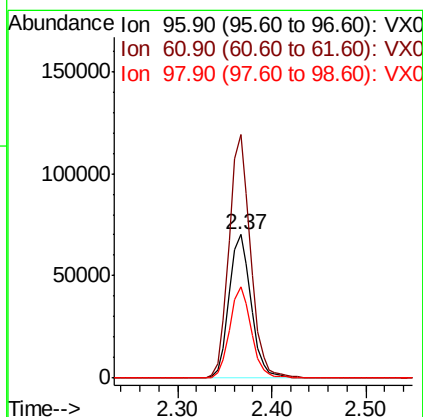
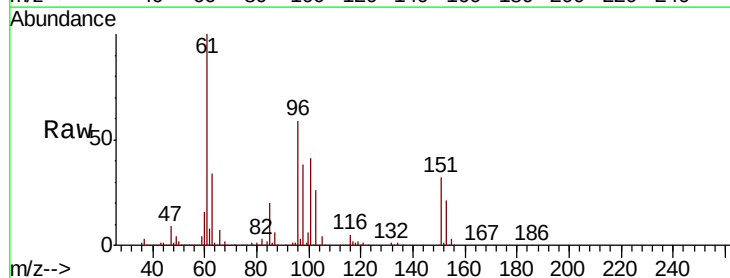
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

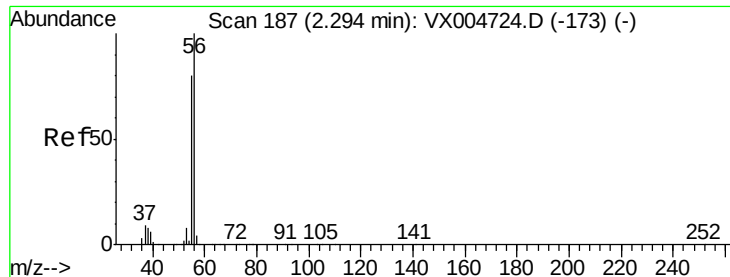
Tot Ion: 59 Resp: 221895
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.501 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 96 Resp: 113776
Ion Ratio Lower Upper
96 100
61 169.7 130.2 195.4
98 63.7 53.4 80.0





#13

Acrolein

Concen: 156.776 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

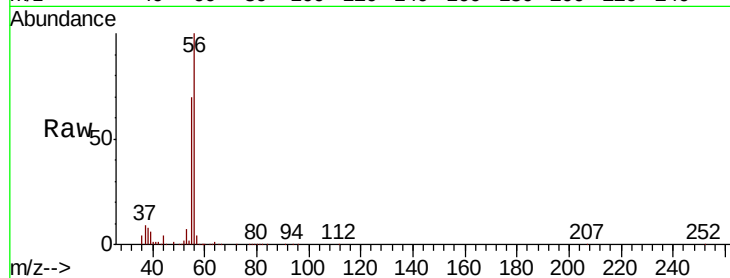
VSTDCCC050EC

Tot Ion: 56 Resp: 92639

Ion Ratio Lower Upper

56 100

55 70.3 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

40000

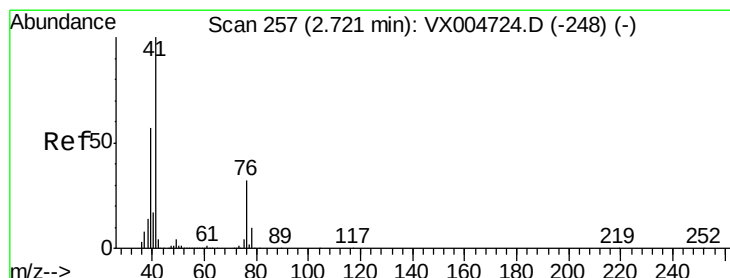
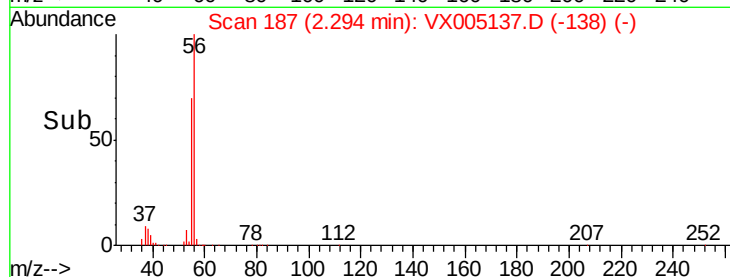
20000

0

2.29

2.20 2.30 2.40 2.50

Time-->



#14

Allyl chloride

Concen: 51.355 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

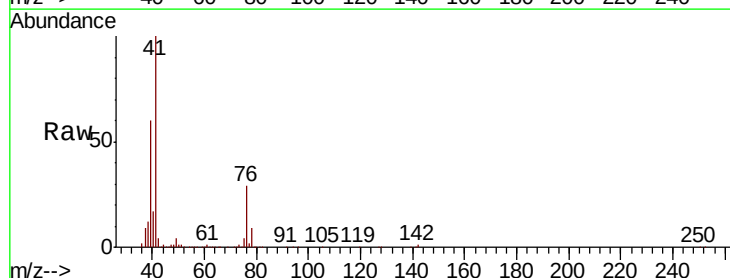
Tgt Ion: 41 Resp: 252446

Ion Ratio Lower Upper

41 100

39 58.0 44.1 66.1

76 28.5 25.0 37.4



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

150000

100000

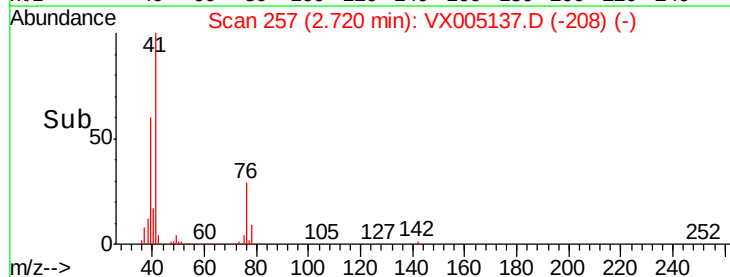
50000

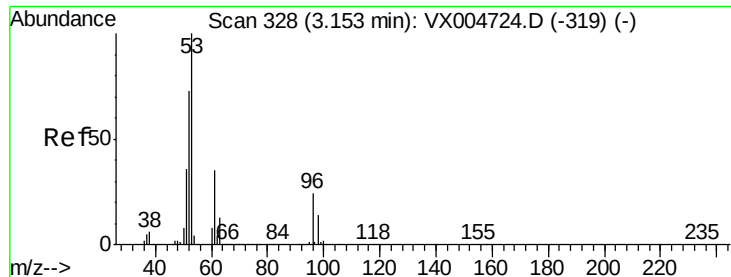
0

2.72

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 265.648 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

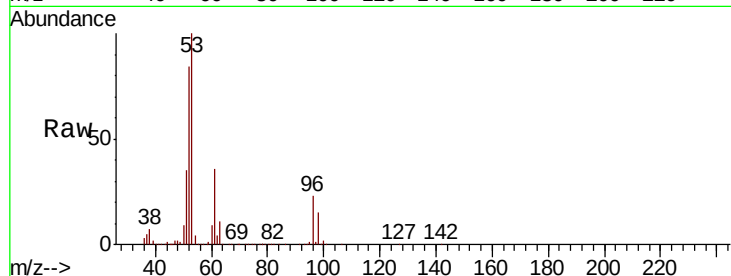
Tot Ion: 53 Resp: 485671

Ion Ratio Lower Upper

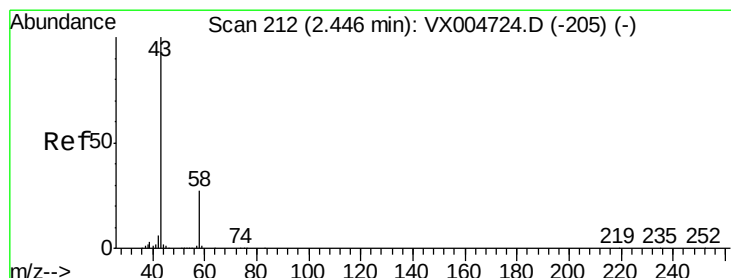
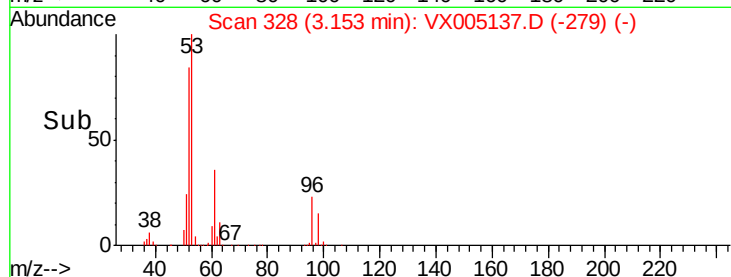
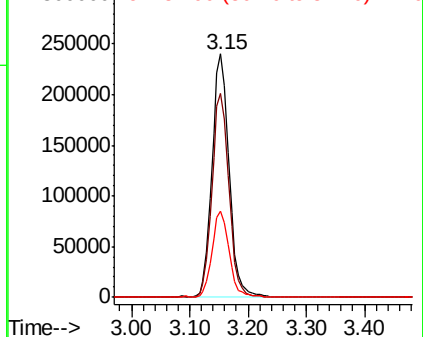
53 100

52 83.0 63.0 94.4

51 35.6 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.706 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005137.D

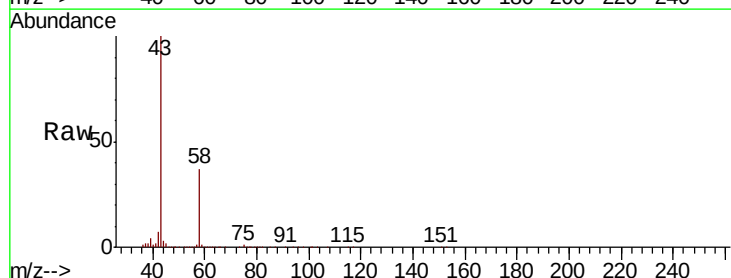
Acq: 08 Oct 2018 19:36

Tgt Ion: 43 Resp: 424339

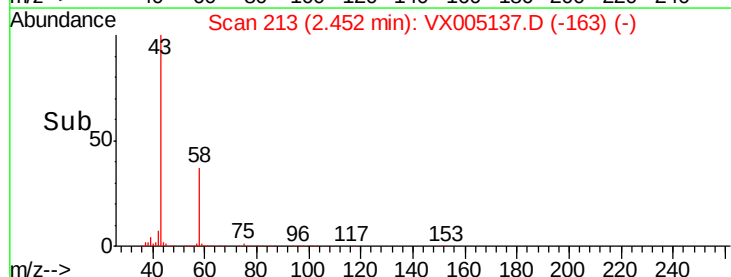
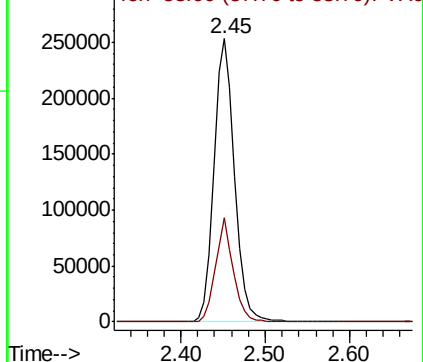
Ion Ratio Lower Upper

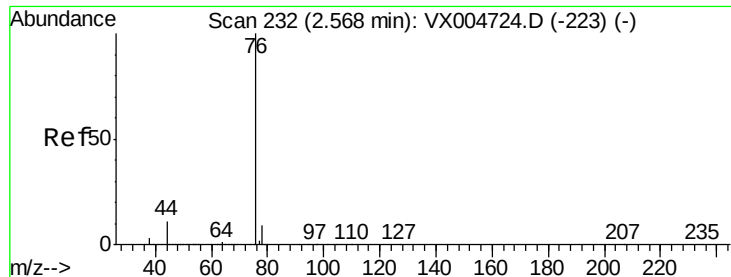
43 100

58 36.9 21.8 32.6#



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

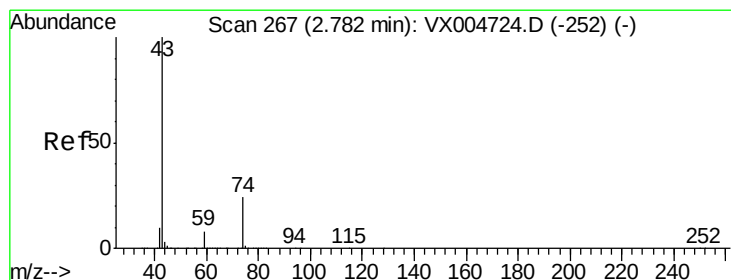
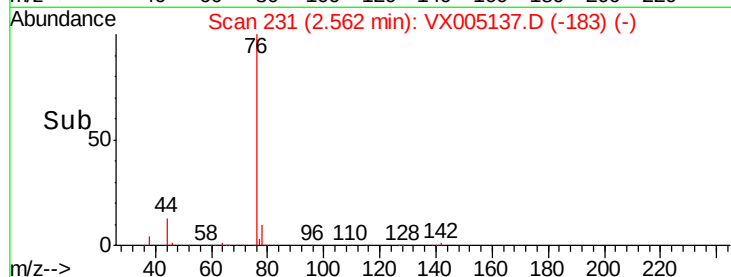
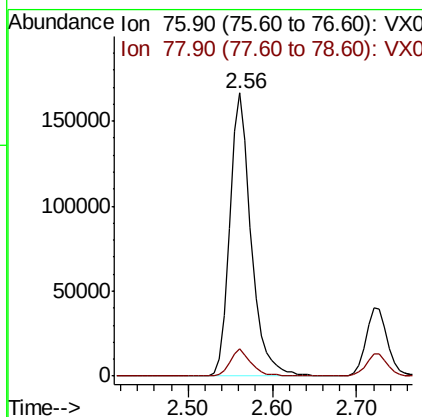
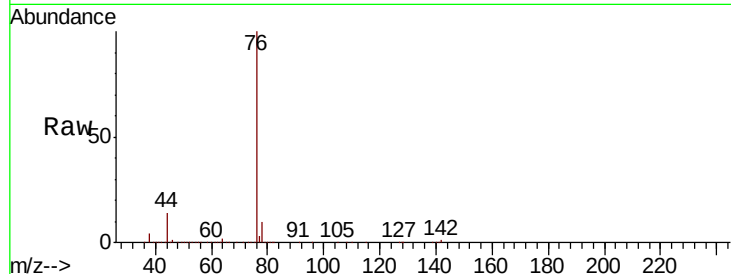




#17
Carbon Disulfide
Concen: 42.471 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

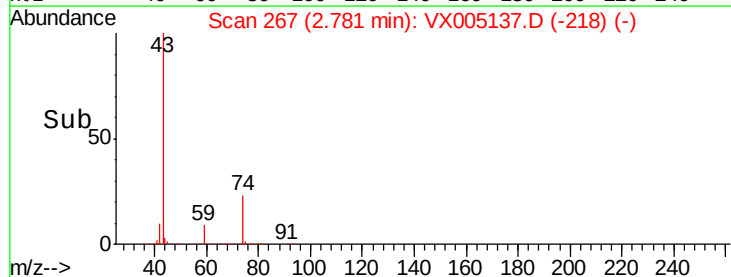
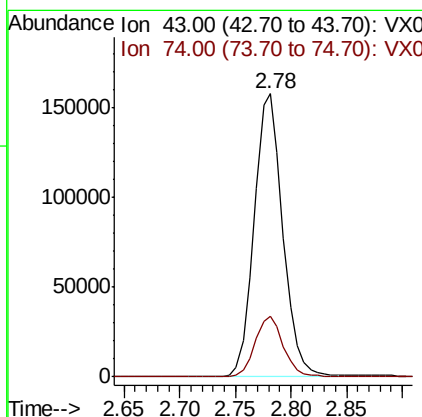
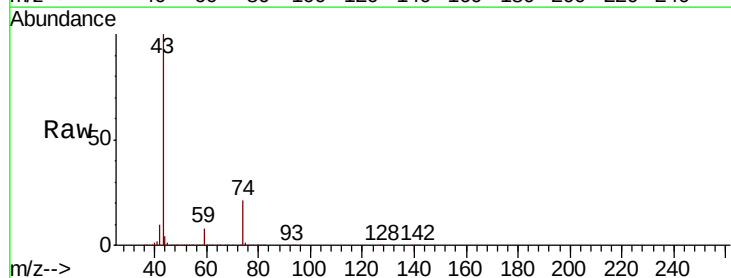
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

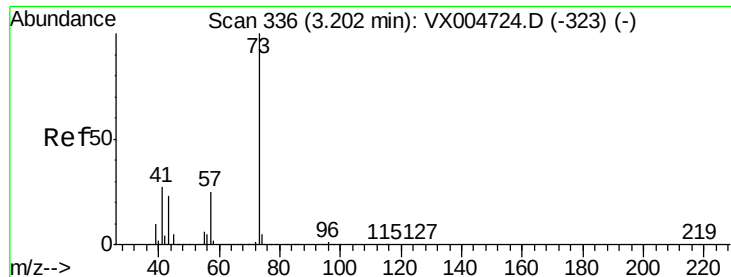
Tot Ion: 76 Resp: 287520
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 64.020 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 43 Resp: 281270
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.8



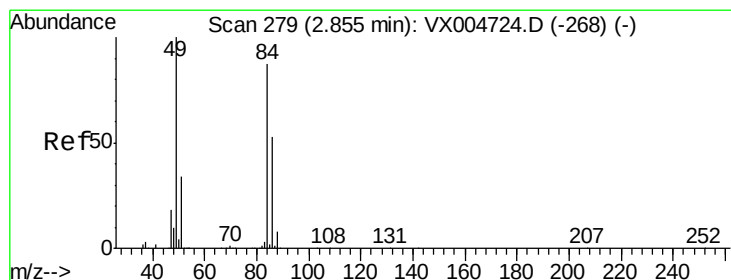
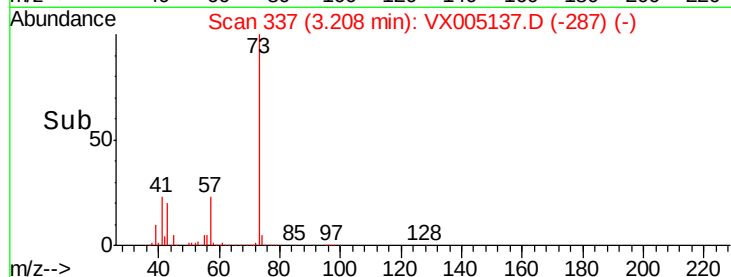
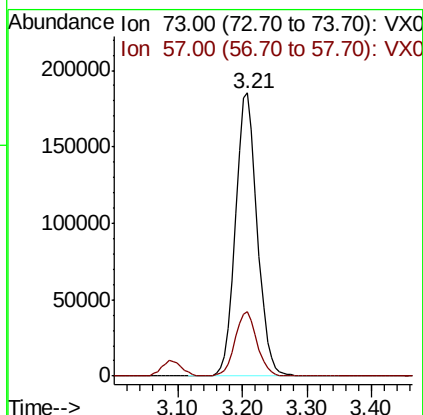
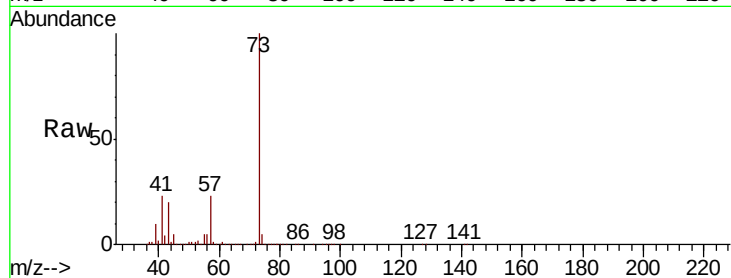


#19

Methyl tert-butyl Ether
 Concen: 55.917 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

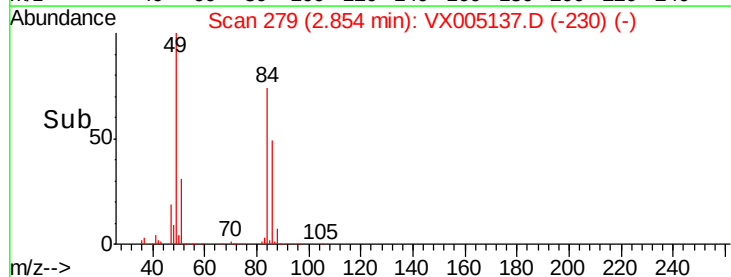
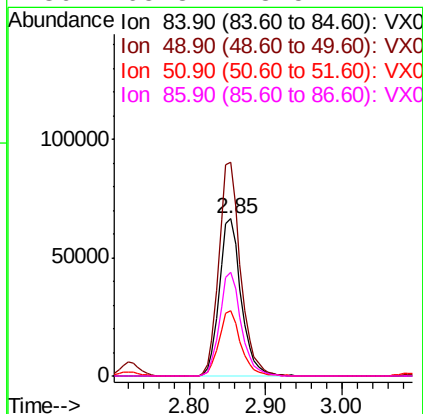
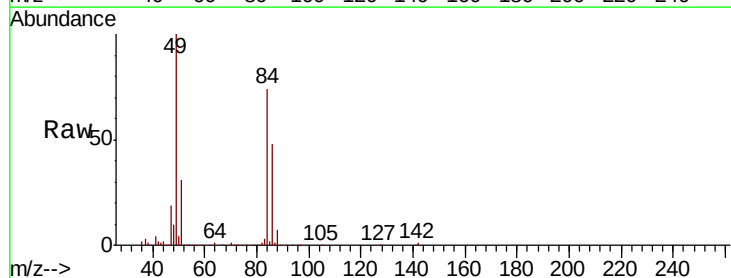
Tot Ion: 73 Resp: 434544
 Ion Ratio Lower Upper
 73 100
 57 22.9 19.9 29.9

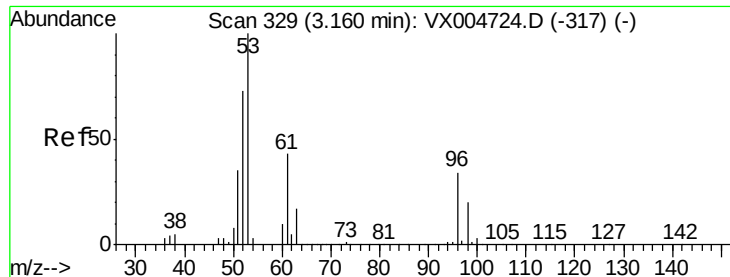


#20

Methylene Chloride
 Concen: 52.239 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 84 Resp: 131613
 Ion Ratio Lower Upper
 84 100
 49 135.5 92.3 138.5
 51 41.6 31.8 47.6
 86 65.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 47.939 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

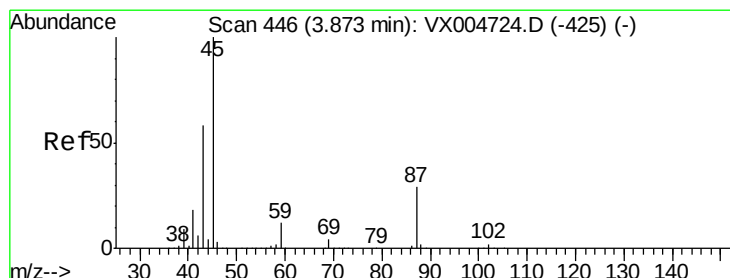
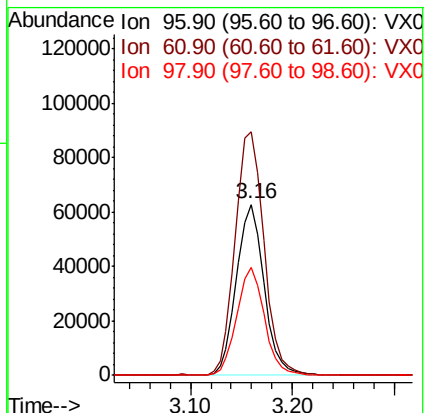
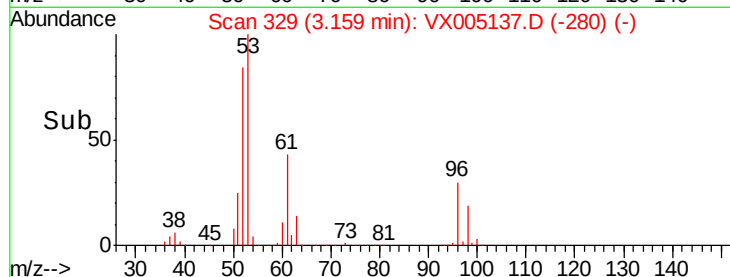
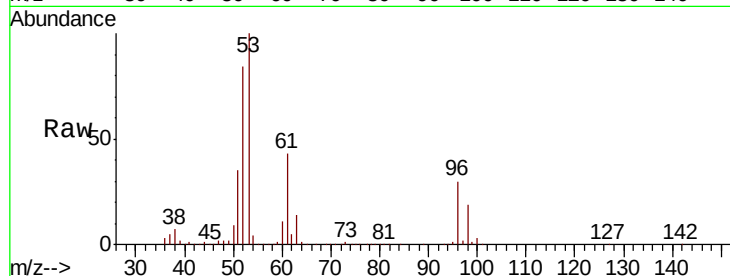
Tot Ion: 96 Resp: 118229

Ion Ratio Lower Upper

96 100

61 142.2 101.0 151.6

98 63.3 47.2 70.8



#22

Diisopropyl ether

Concen: 52.825 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion: 45 Resp: 437266

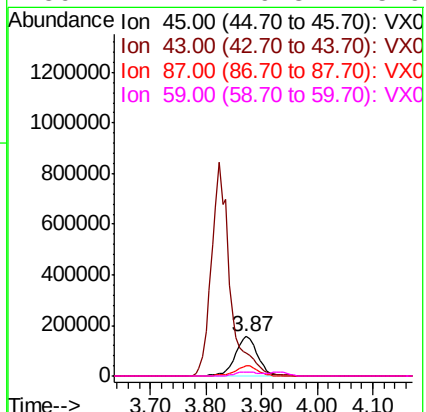
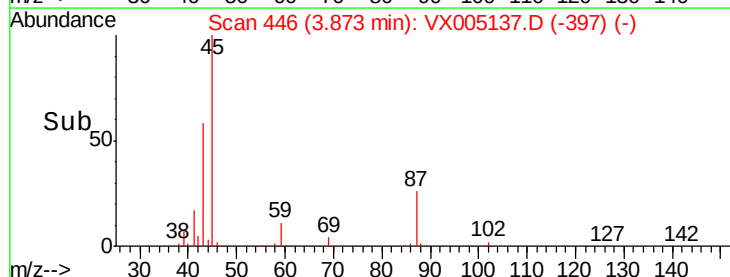
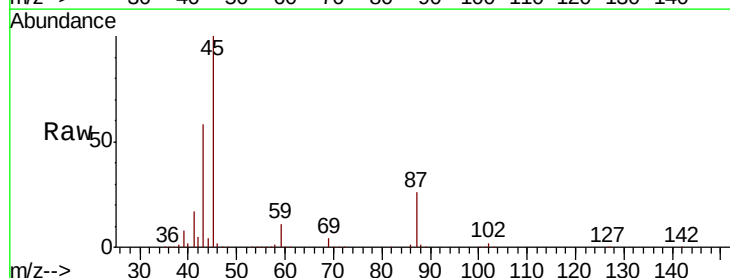
Ion Ratio Lower Upper

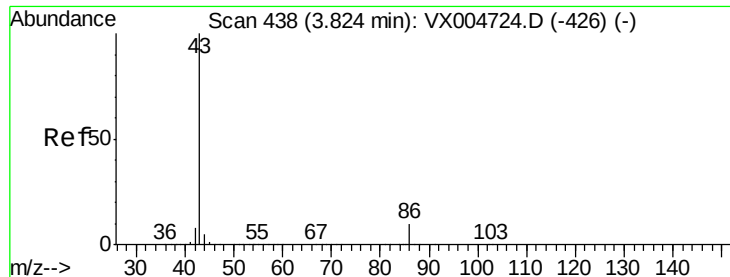
45 100

43 57.9 46.7 70.1

87 25.7 22.9 34.3

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 261.415 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

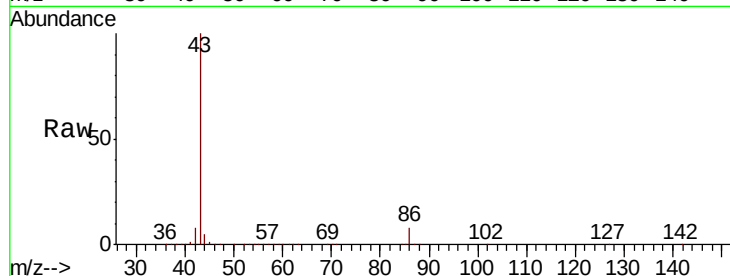
VSTDCCC050EC

Tot Ion: 43 Resp: 1980756

Ion Ratio Lower Upper

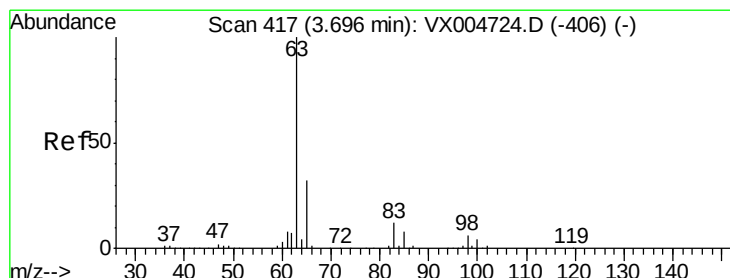
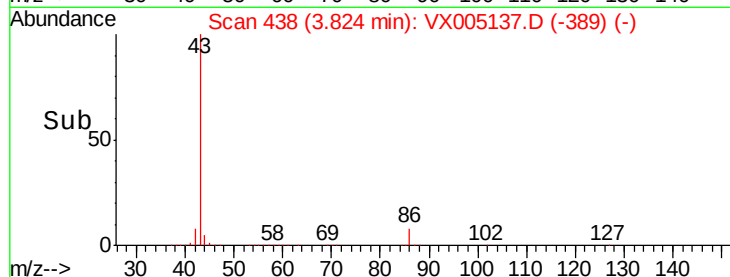
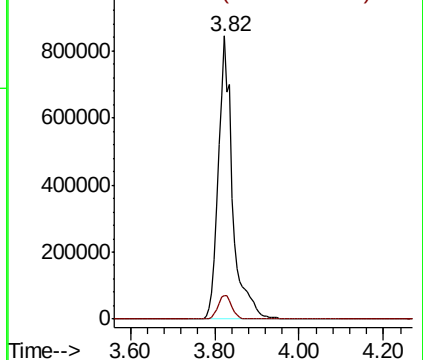
43 100

86 8.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.058 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

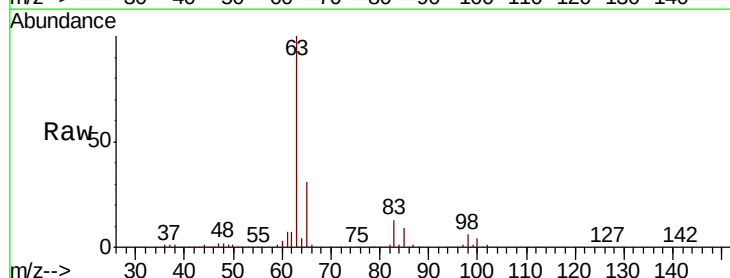
Tgt Ion: 63 Resp: 237296

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

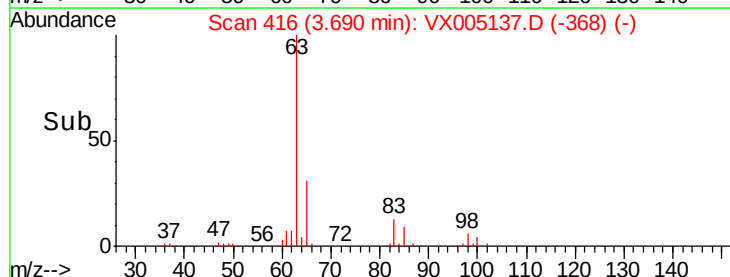
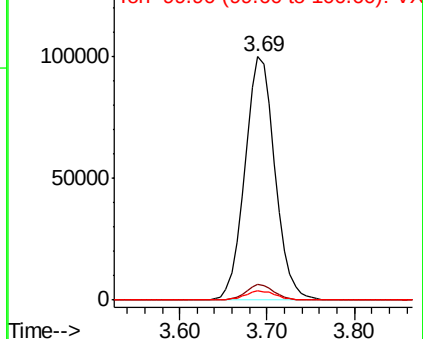
100 4.0 2.0 5.8

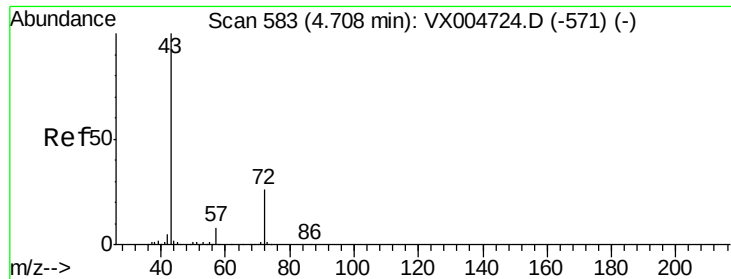


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 261.124 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

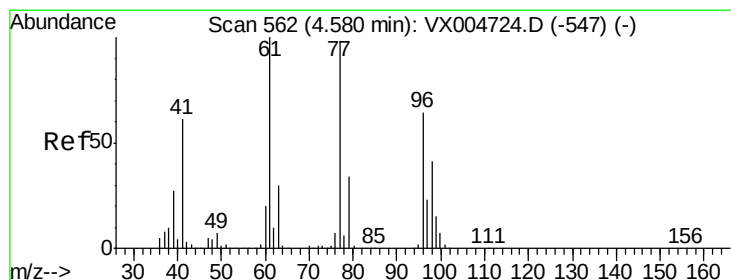
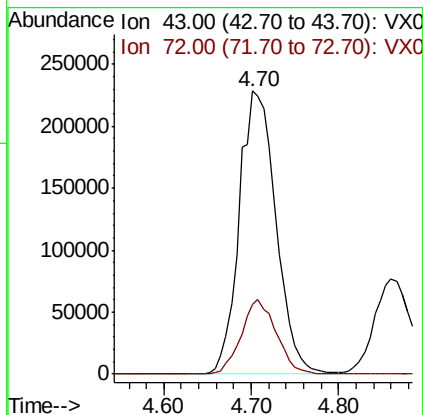
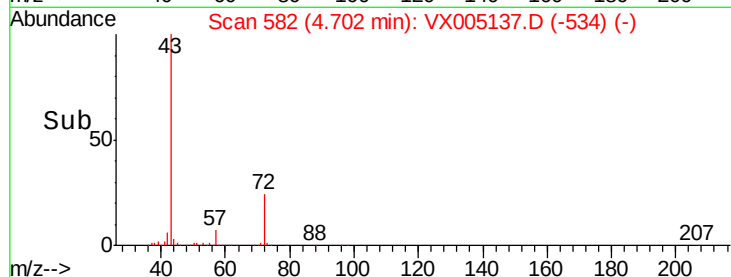
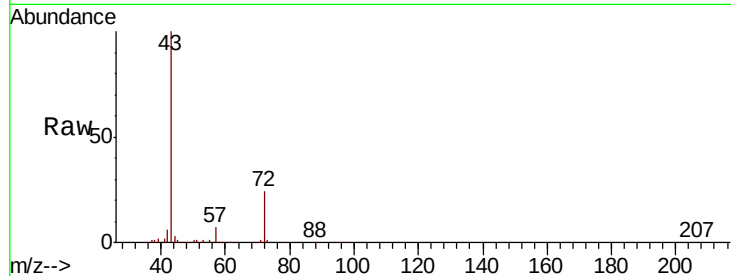
VSTDCCC050EC

Tot Ion: 43 Resp: 667454

Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2



#26

2,2-Dichloropropane

Concen: 45.723 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005137.D

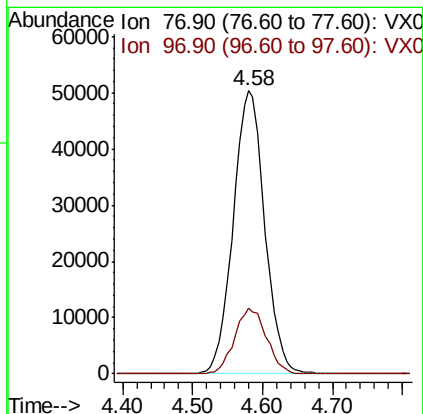
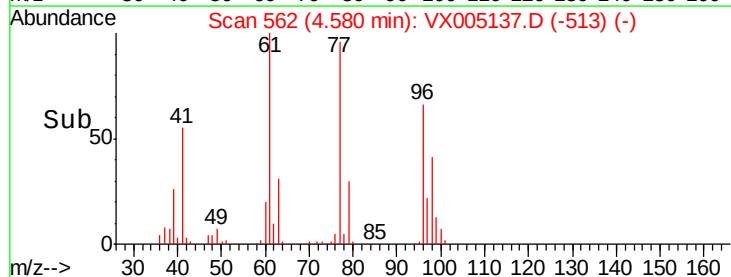
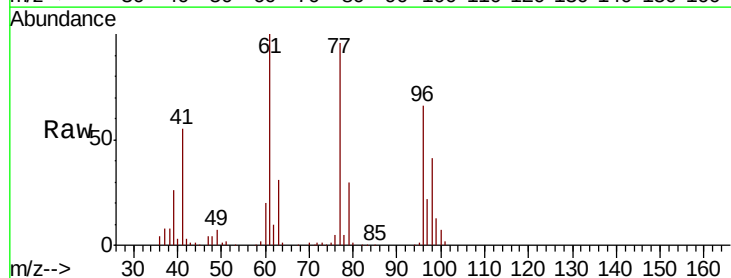
Acq: 08 Oct 2018 19:36

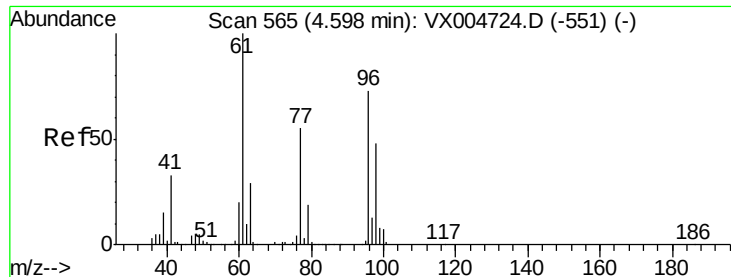
Tgt Ion: 77 Resp: 157216

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 48.779 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

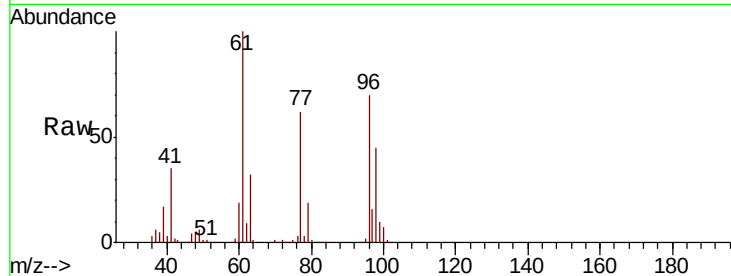
Tot Ion: 96 Resp: 134392

Ion Ratio Lower Upper

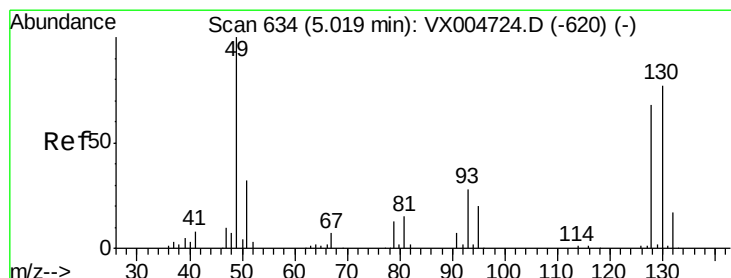
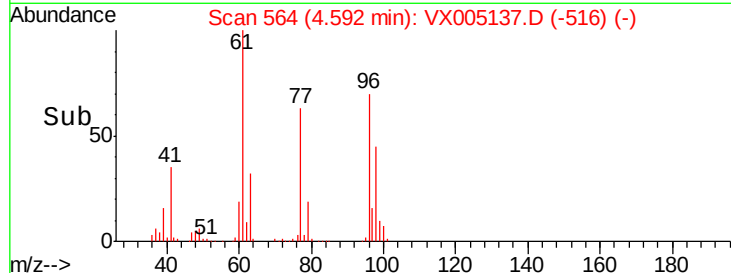
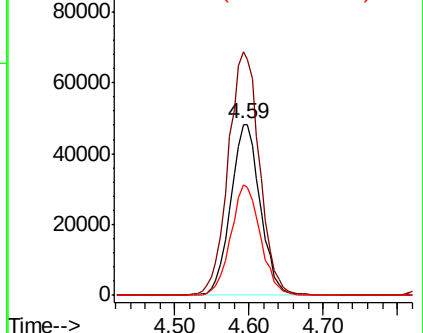
96 100

61 150.4 0.0 285.8

98 64.7 0.0 136.2



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



#28

Bromochloromethane

Concen: 48.492 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

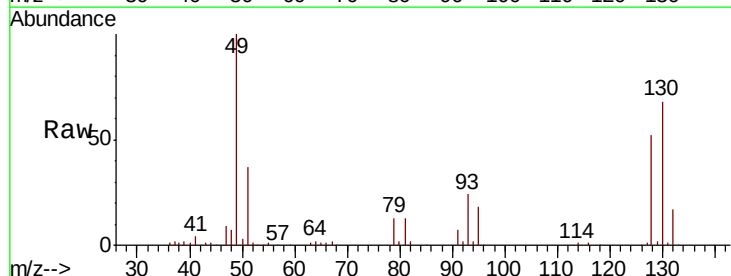
Tgt Ion: 49 Resp: 112756

Ion Ratio Lower Upper

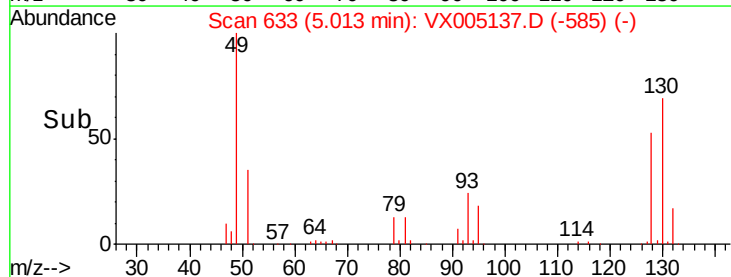
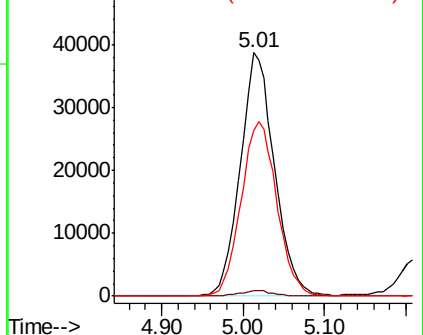
49 100

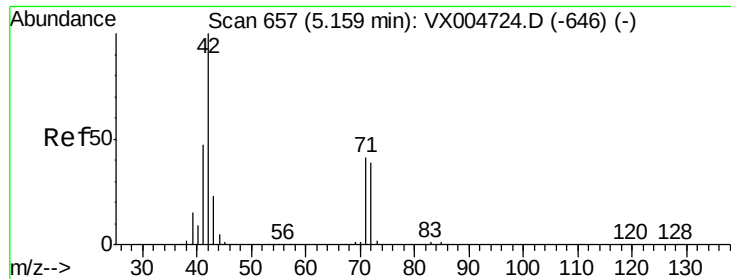
129 2.0 0.0 4.2

130 74.8 62.0 93.0



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

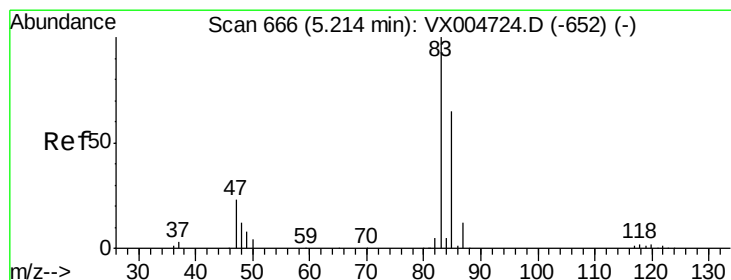
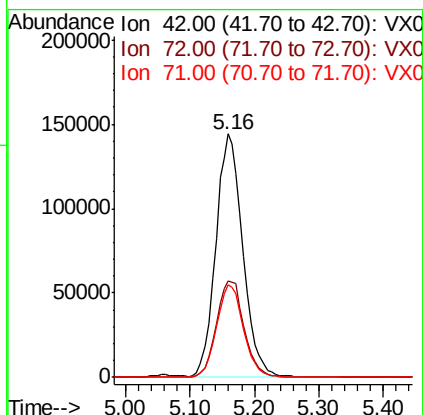
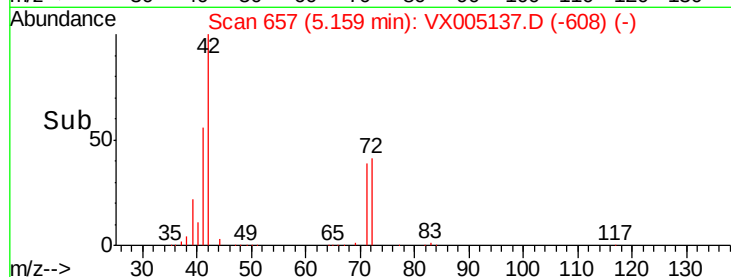
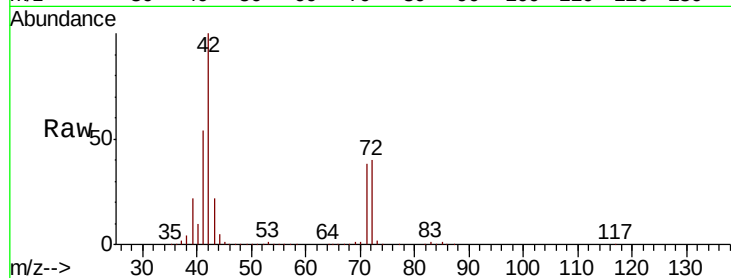




#29
Tetrahydrofuran
Concen: 266.516 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

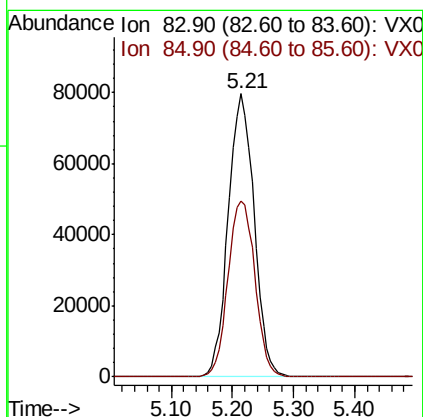
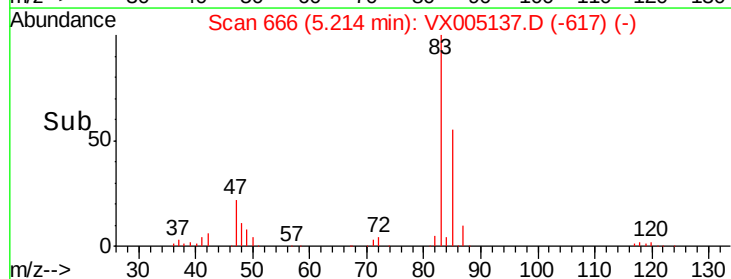
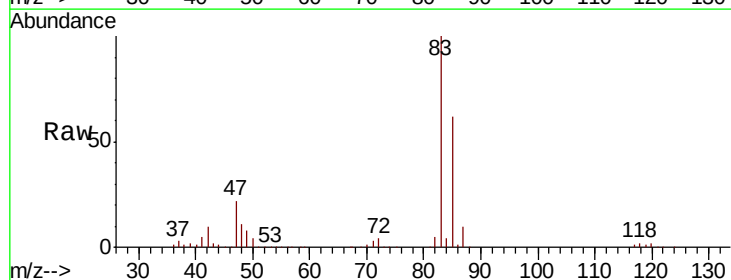
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

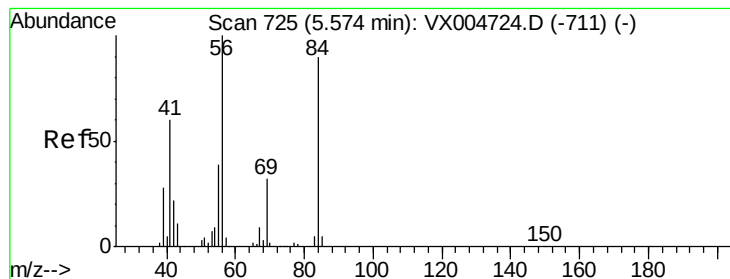
Tot Ion: 42 Resp: 423412
Ion Ratio Lower Upper
42 100
72 41.0 33.7 50.5
71 38.0 32.2 48.4



#30
Chloroform
Concen: 50.003 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 83 Resp: 233348
Ion Ratio Lower Upper
83 100
85 62.0 52.4 78.6





#31

Cyclohexane

Concen: 51.783 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

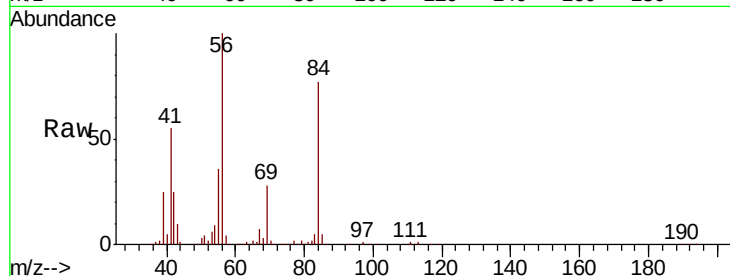
Tot Ion: 56 Resp: 195699

Ion Ratio Lower Upper

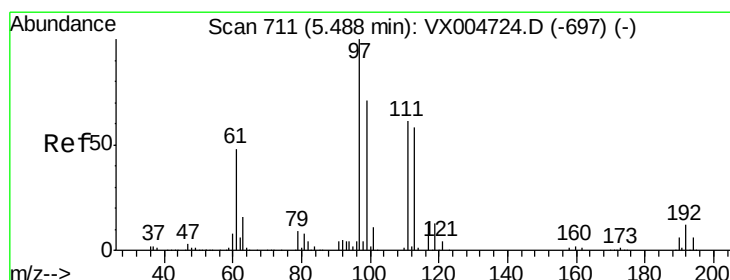
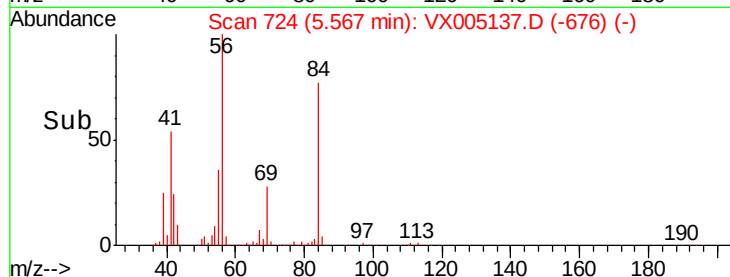
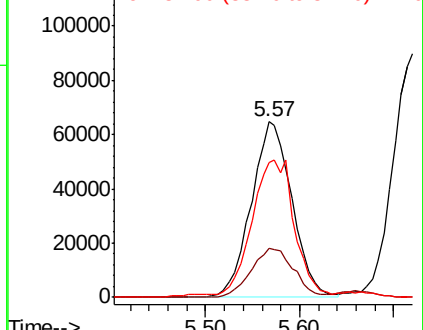
56 100

69 28.3 25.9 38.9

84 75.6 71.9 107.9



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: 51.539 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

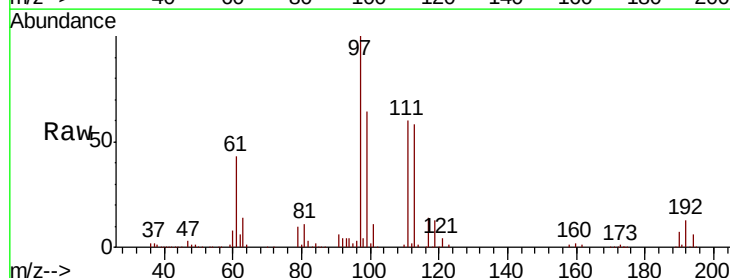
Tgt Ion: 97 Resp: 196424

Ion Ratio Lower Upper

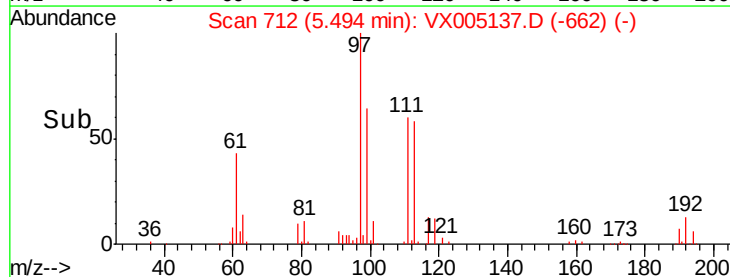
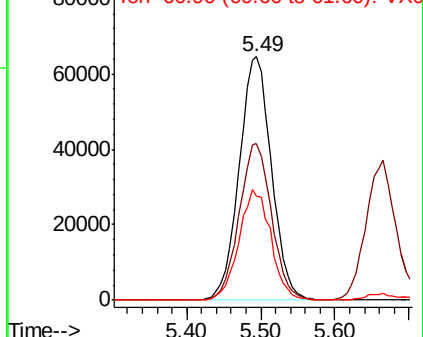
97 100

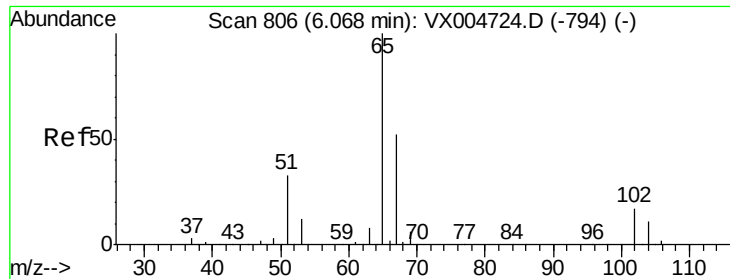
99 64.5 54.6 82.0

61 44.9 37.5 56.3



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

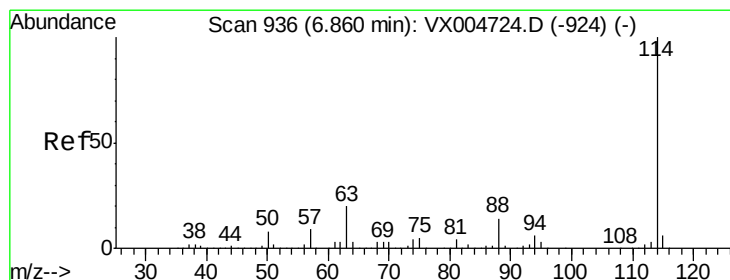
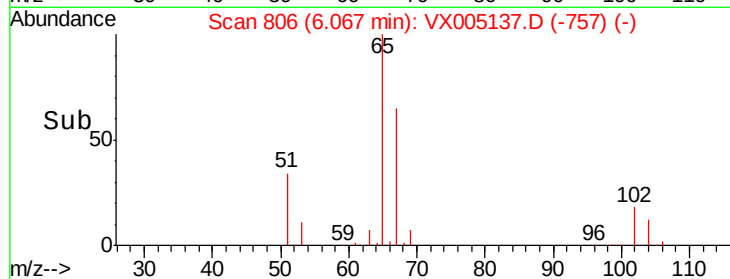
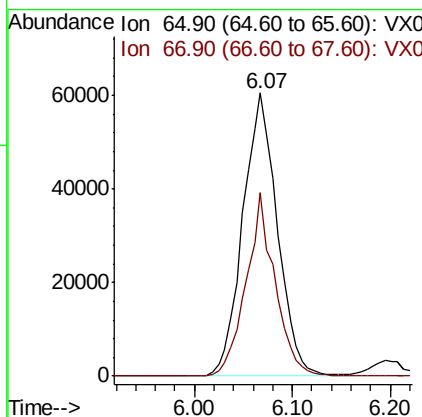
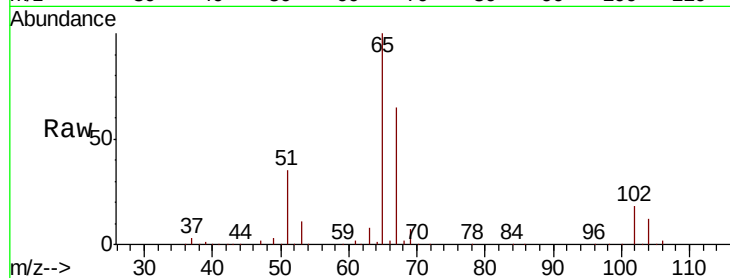




#33
 1,2-Dichloroethane-d4
 Concen: 49.789 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

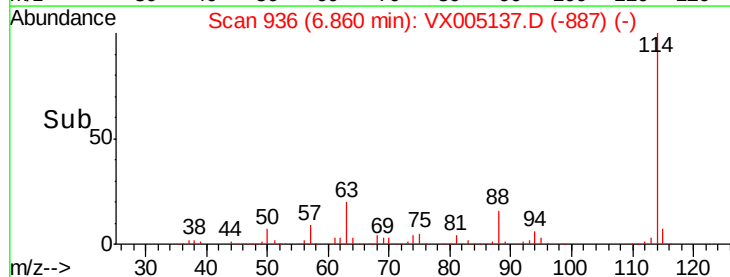
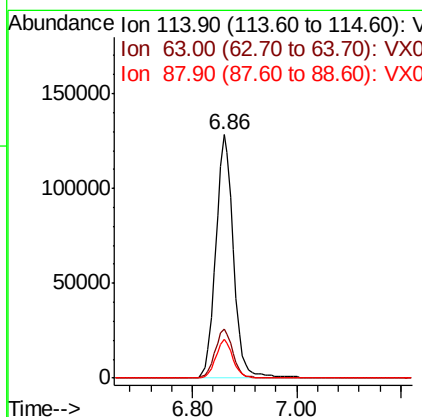
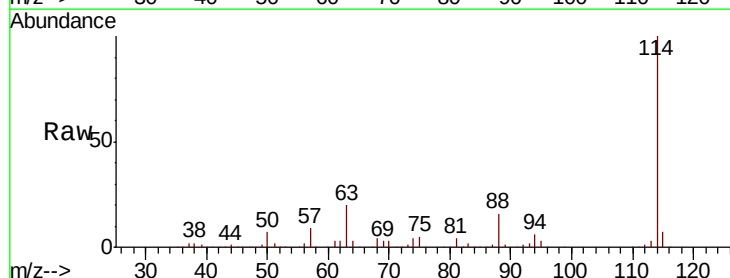
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

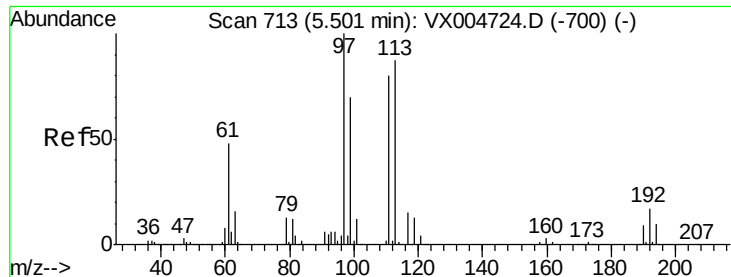
Tot Ion: 65 Resp: 147886
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 114 Resp: 304367
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.7 0.0 27.0

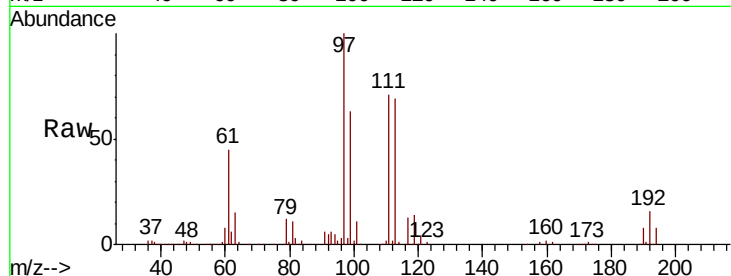




#35
Dibromofluoromethane
Concen: 45.128 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	77.0	115.4
192	23.8	17.0	25.6

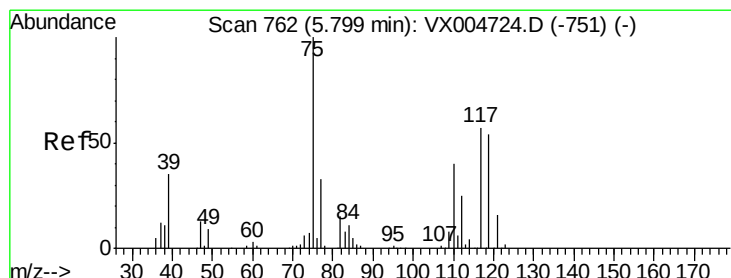
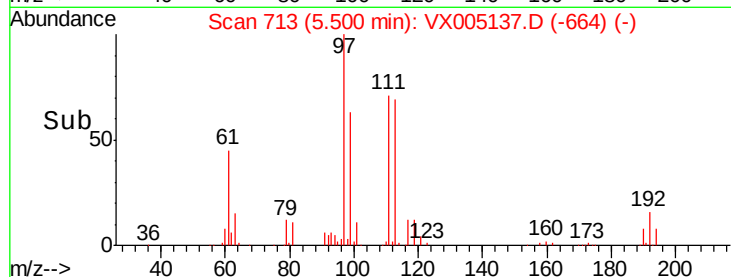
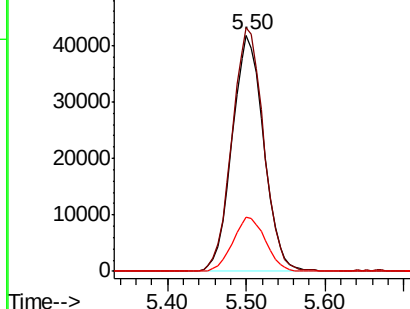


Abundance

Ion 112.80 (112.50 to 113.50): V

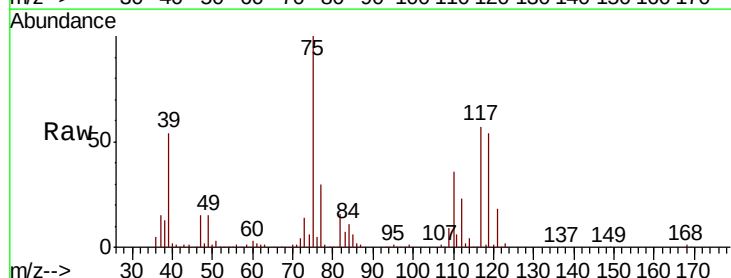
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 46.184 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	20.0	59.9
77	31.0	27.1	40.7

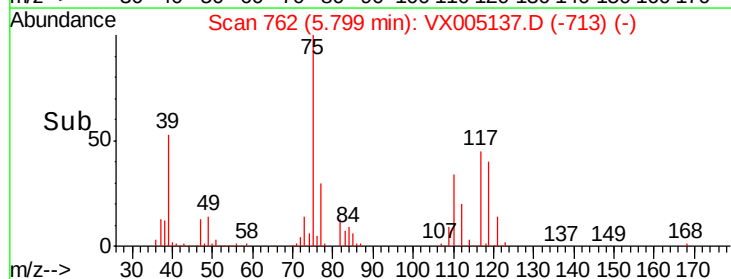
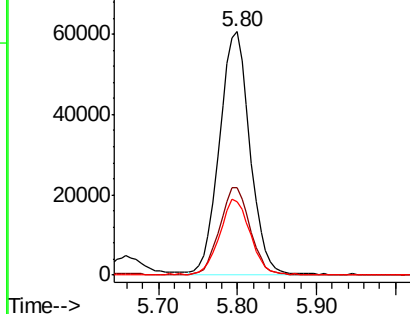


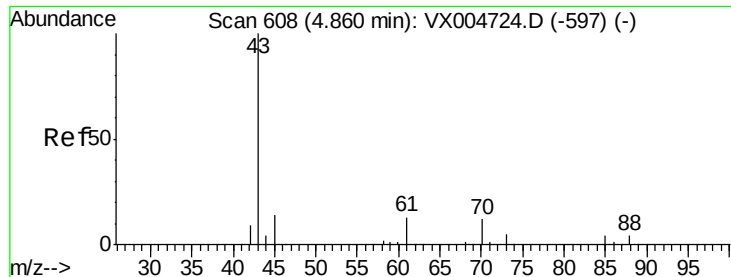
Abundance

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: 48.641 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

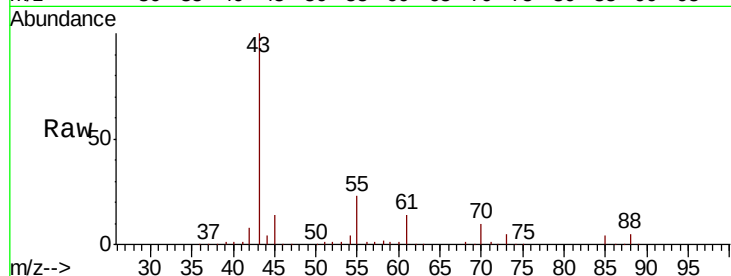
Tot Ion: 43 Resp: 227238

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

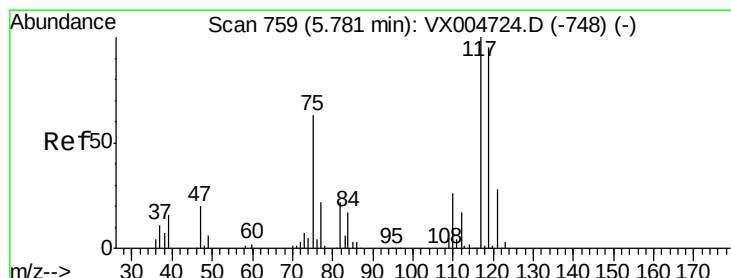
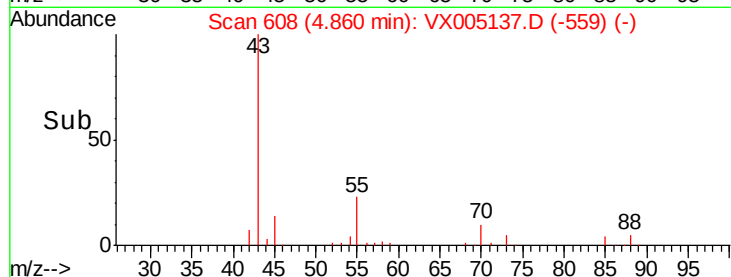
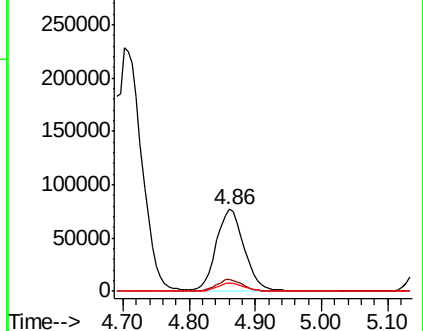
70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 45.653 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

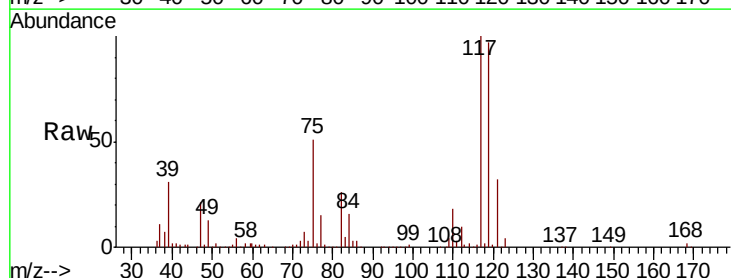
Tgt Ion: 117 Resp: 168897

Ion Ratio Lower Upper

117 100

119 96.6 75.2 112.8

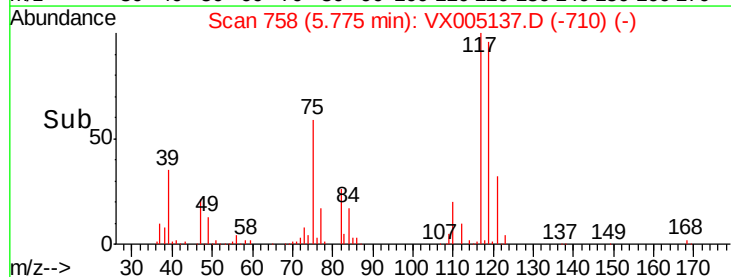
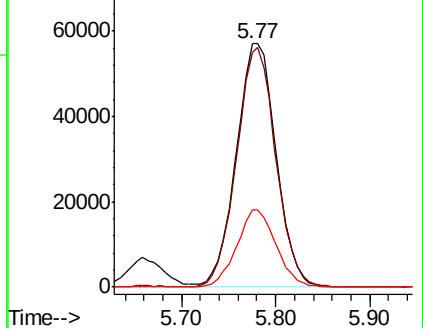
121 31.9 22.5 33.7

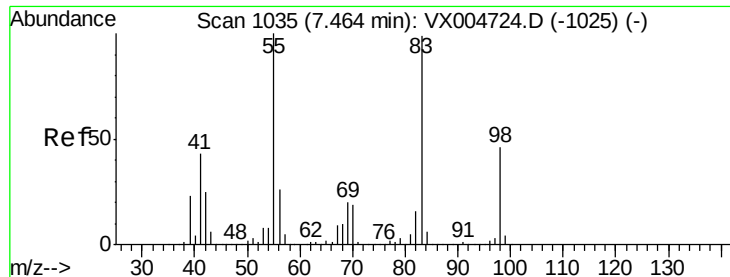


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

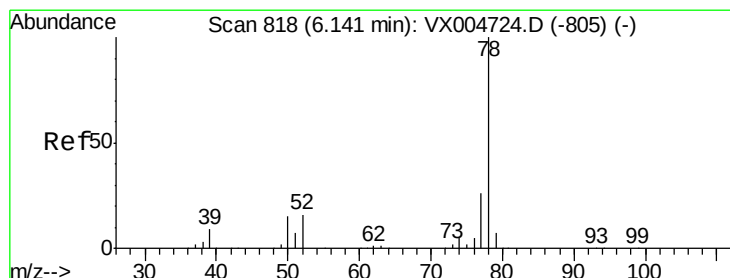
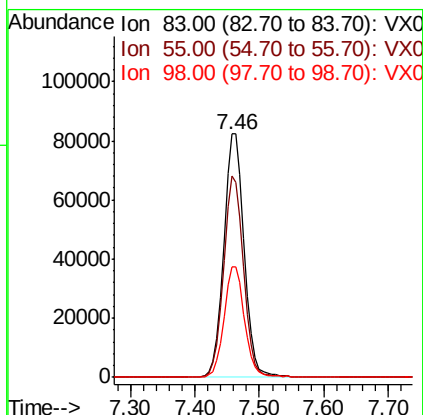
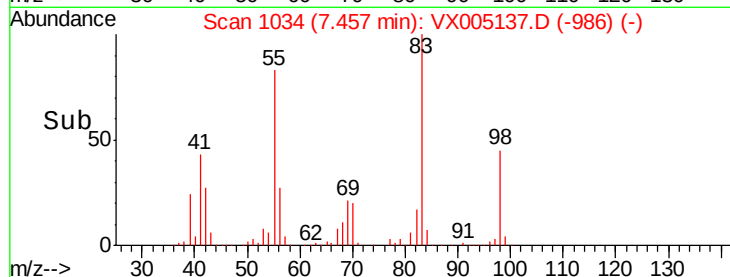
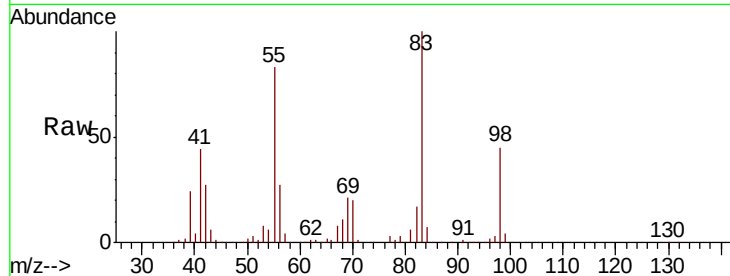




#39
Methylvlcyclohexane
Concen: 51.377 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

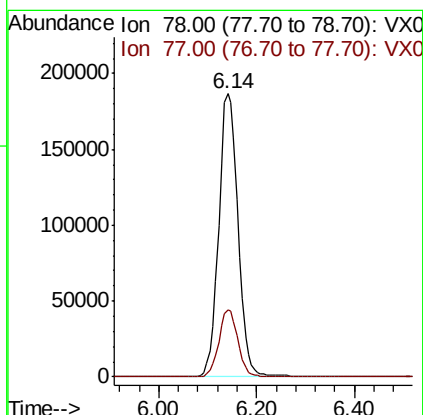
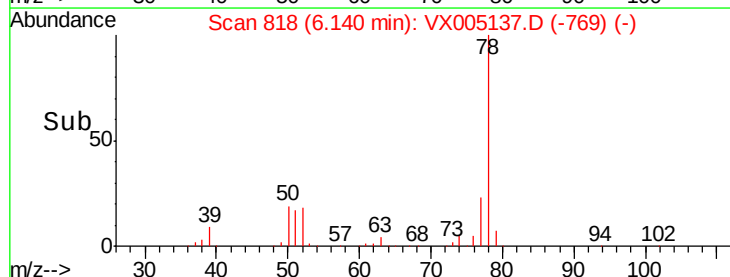
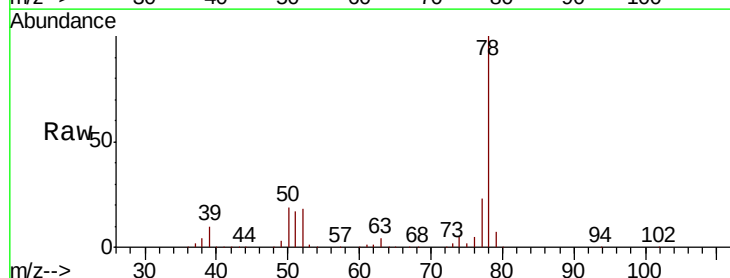
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

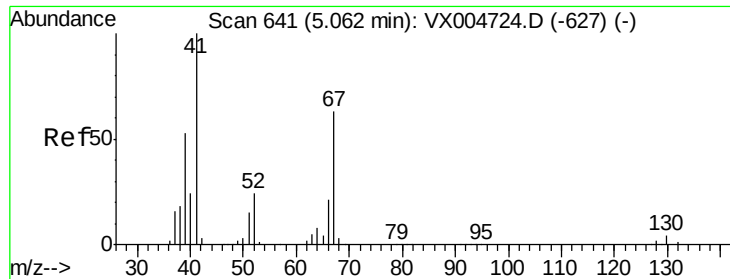
Tot Ion: 83 Resp: 184637
Ion Ratio Lower Upper
83 100
55 82.6 81.1 121.7
98 45.4 37.3 55.9



#40
Benzene
Concen: 46.324 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 78 Resp: 510409
Ion Ratio Lower Upper
78 100
77 23.5 21.0 31.4

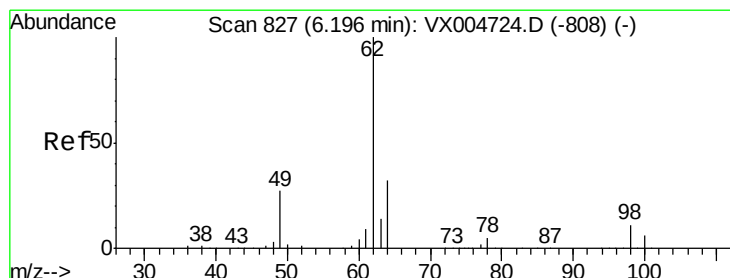
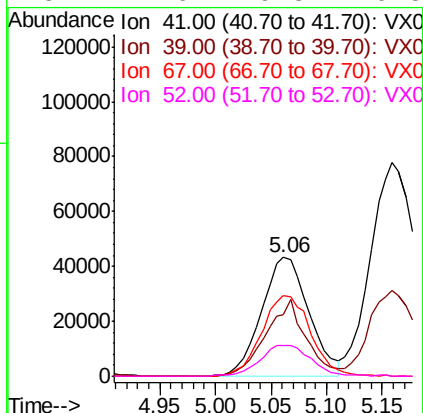
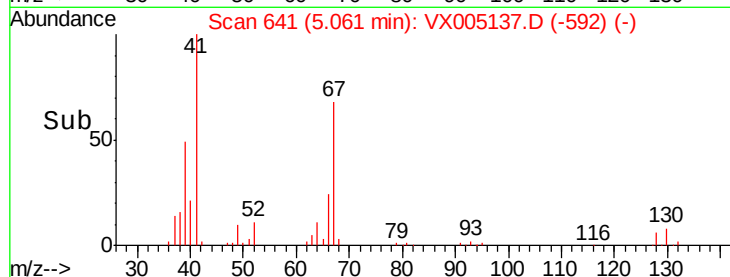
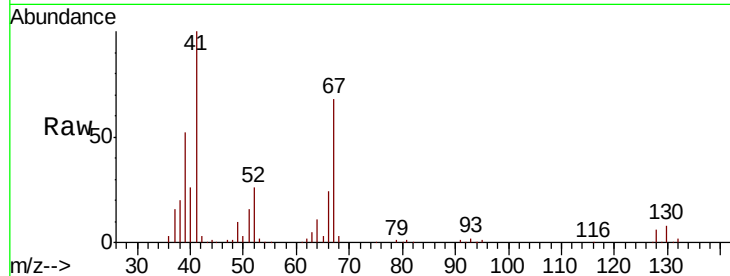




#41
Methacrylonitrile
Concen: 49.607 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

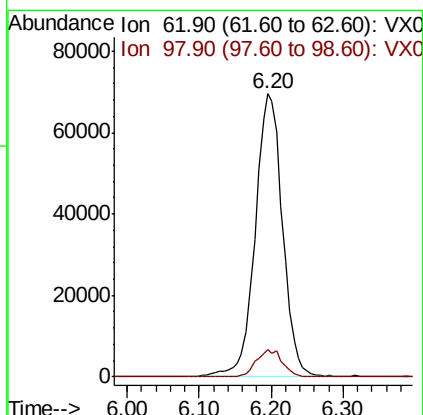
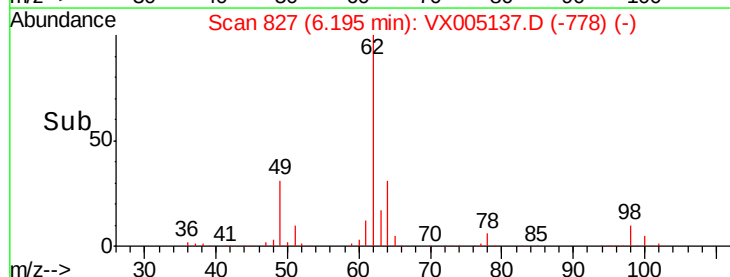
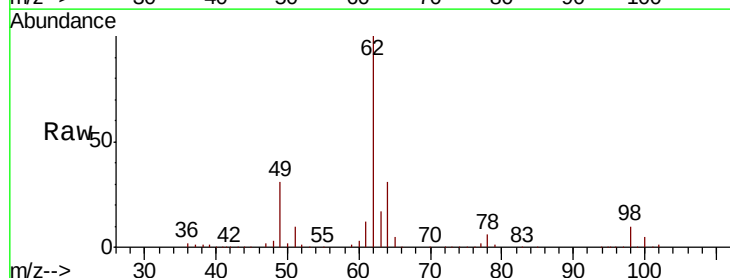
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

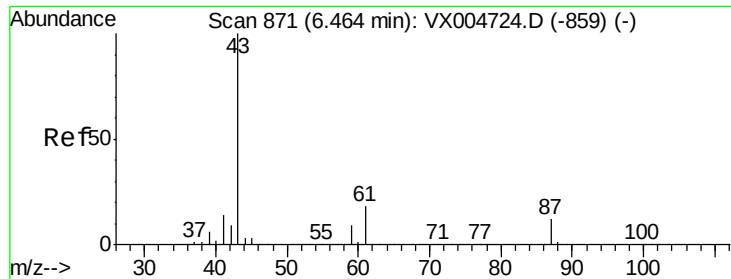
Tot Ion:	41	Resp:	128524
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.5	63.7
67	70.0	53.0	79.6
52	27.6	19.8	29.8



#42
1,2-Dichloroethane
Concen: 47.089 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:	62	Resp:	183415
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 49.970 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

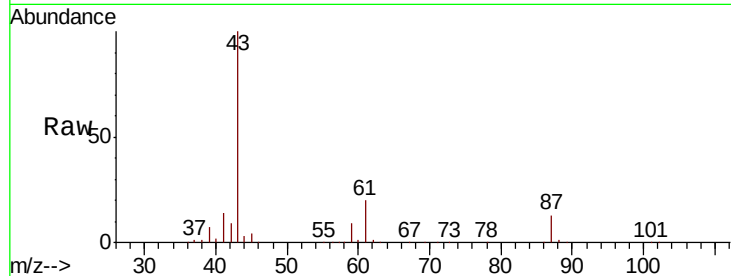
Tot Ion: 43 Resp: 336946

Ion Ratio Lower Upper

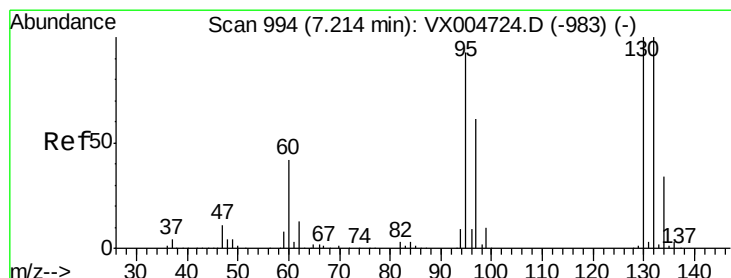
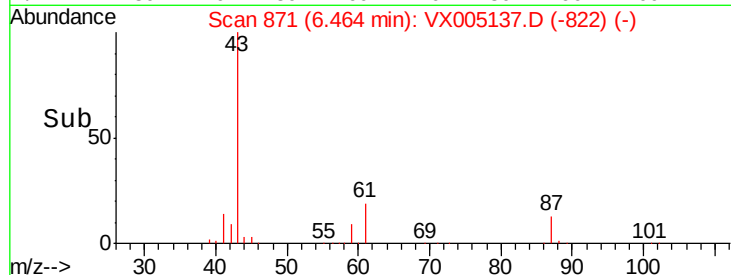
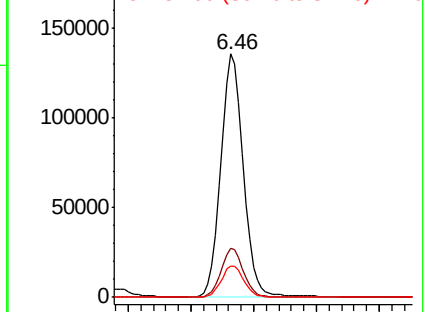
43 100

61 20.0 14.2 21.4

87 13.1 9.3 13.9



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: 50.842 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005137.D

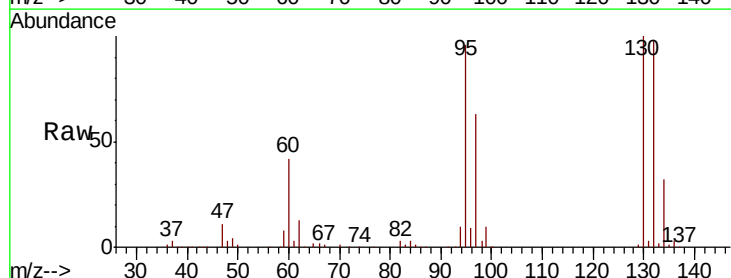
Acq: 08 Oct 2018 19:36

Tgt Ion:130 Resp: 137713

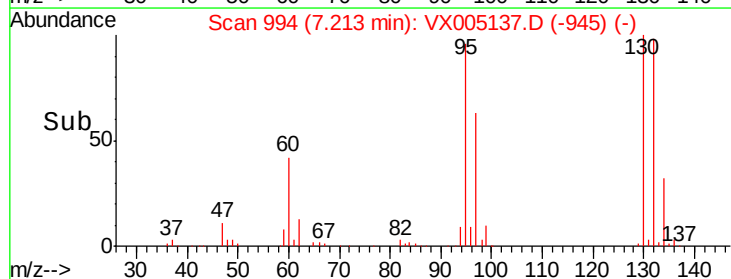
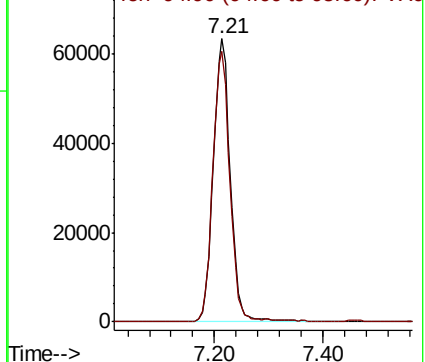
Ion Ratio Lower Upper

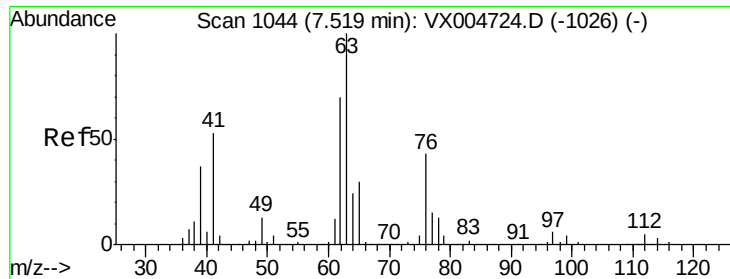
130 100

95 95.8 0.0 186.8



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

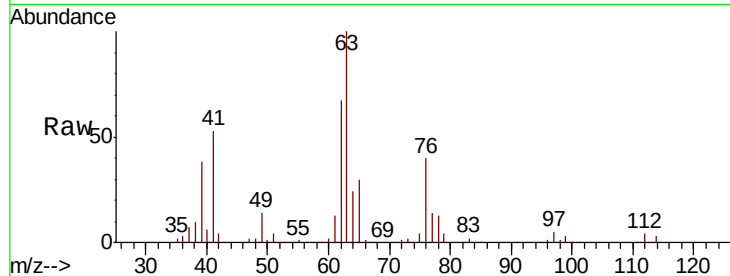




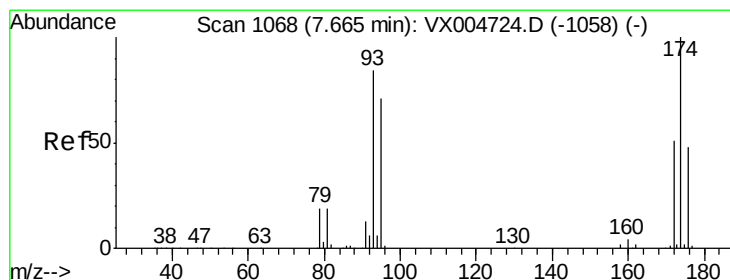
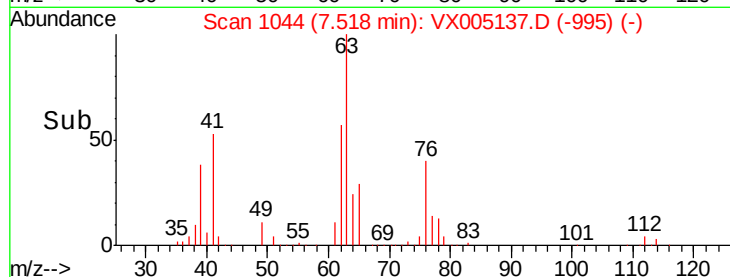
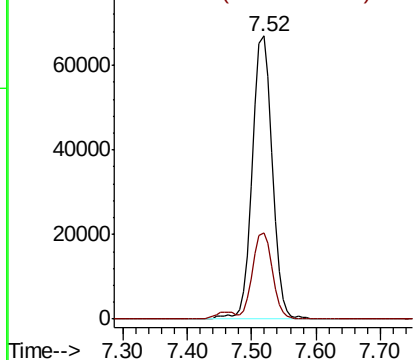
#45
 1,2-Dichloropropane
 Concen: 51.991 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 140481
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9

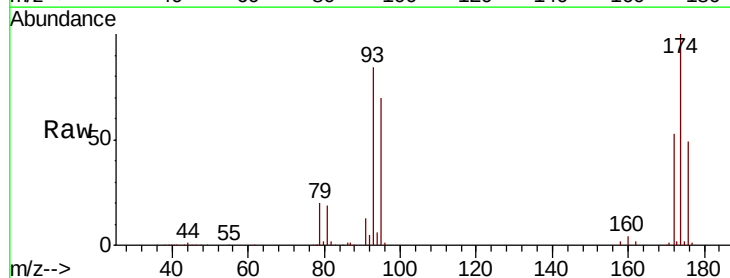


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

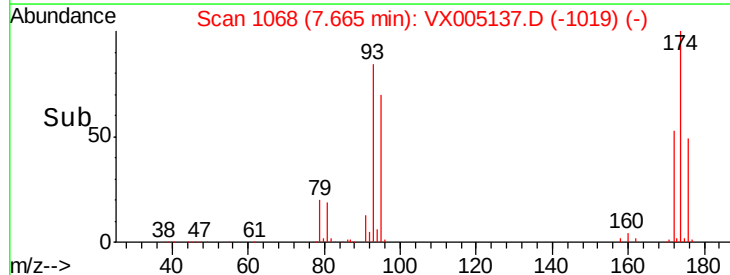
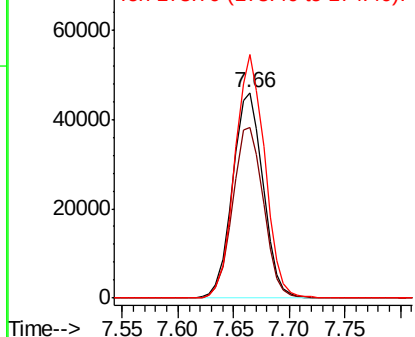


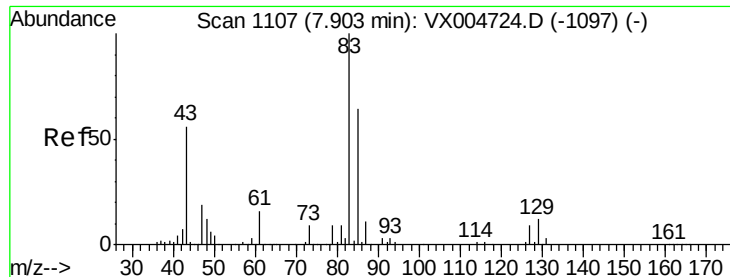
#46
 Dibromomethane
 Concen: 51.659 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 93 Resp: 87724
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 115.7 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.422 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

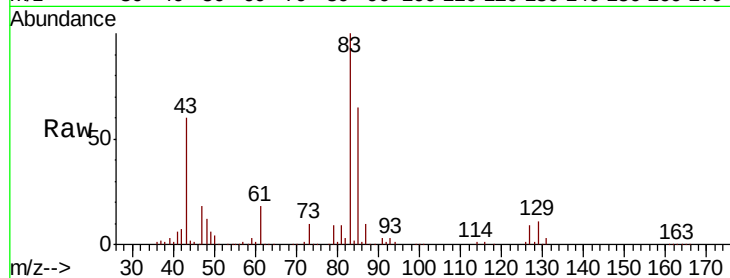
Tot Ion: 83 Resp: 173028

Ion Ratio Lower Upper

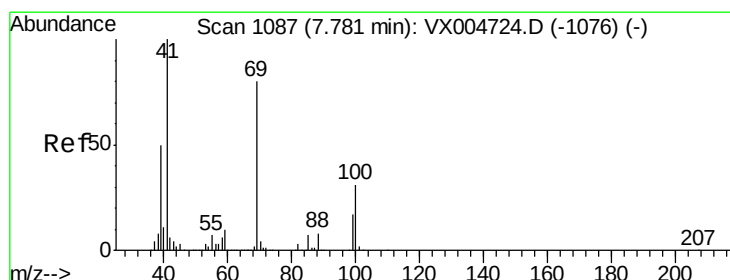
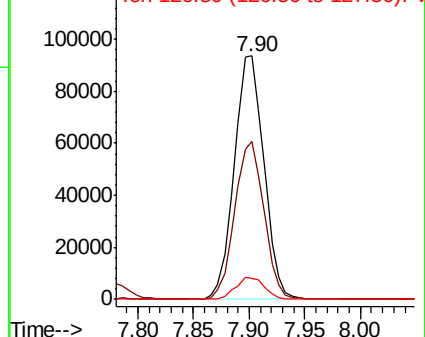
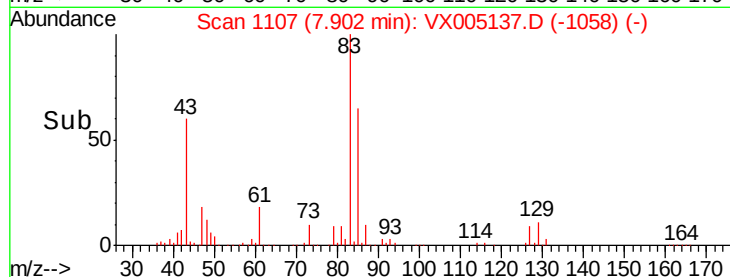
83 100

85 64.7 51.2 76.8

127 8.7 7.0 10.6



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



#48

Methyl methacrylate

Concen: 58.466 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

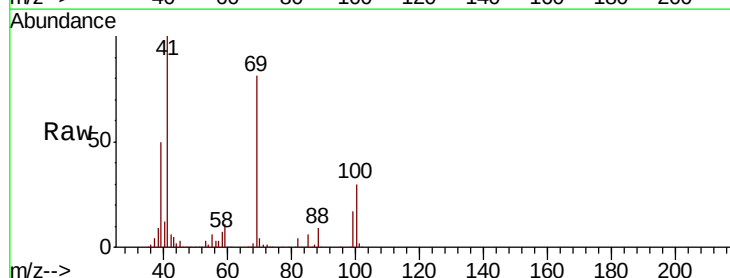
Tgt Ion: 41 Resp: 178937

Ion Ratio Lower Upper

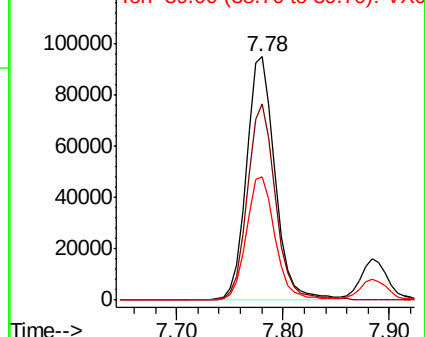
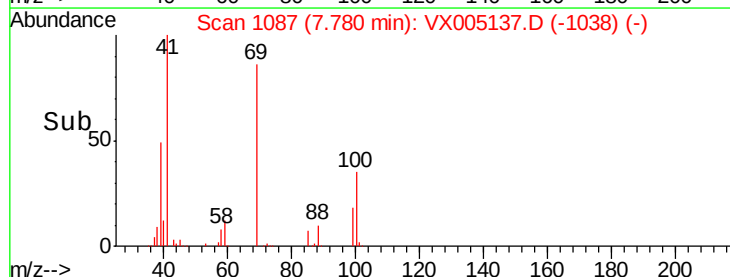
41 100

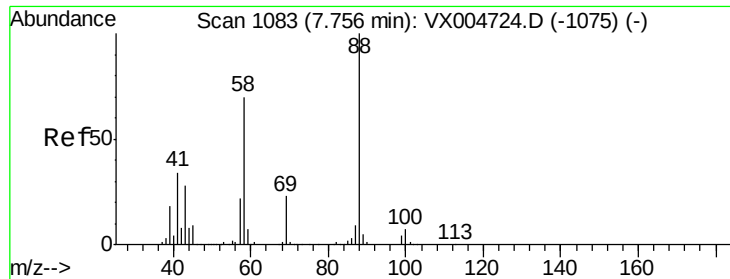
69 80.0 63.8 95.6

39 50.8 40.7 61.1



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





#49

1,4-Dioxane

Concen: 1048.498 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

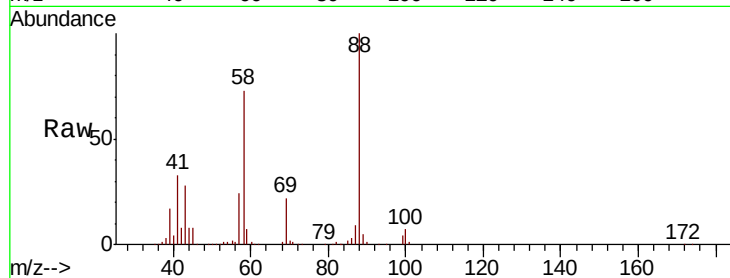
Tot Ion: 88 Resp: 79723

Ion Ratio Lower Upper

88 100

43 32.1 25.1 37.7

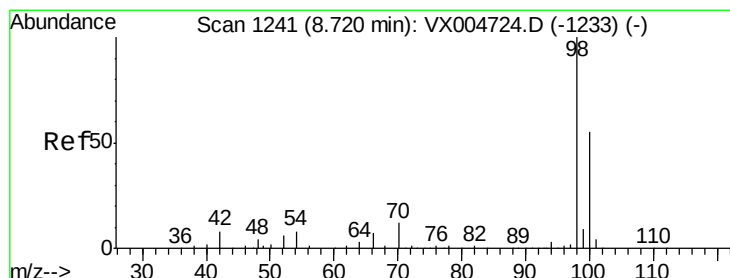
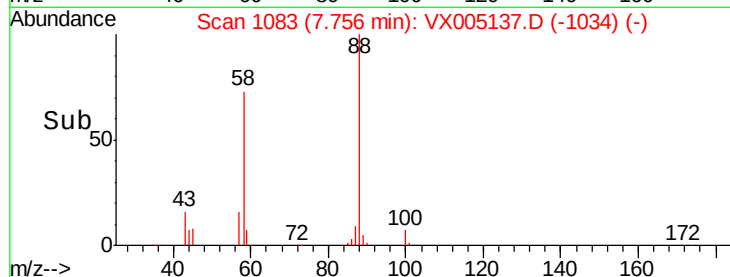
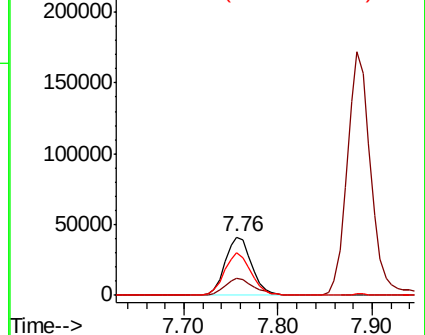
58 73.7 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.685 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005137.D

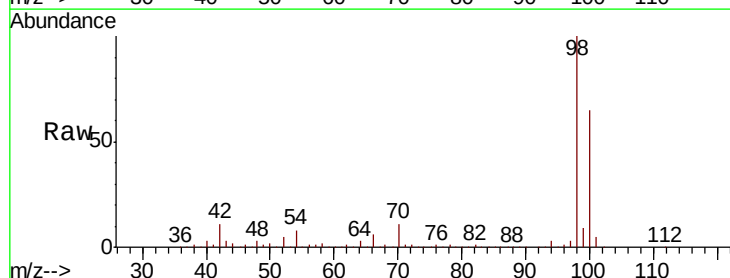
Acq: 08 Oct 2018 19:36

Tgt Ion: 98 Resp: 443231

Ion Ratio Lower Upper

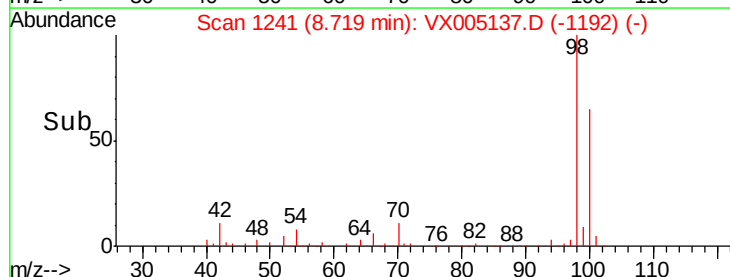
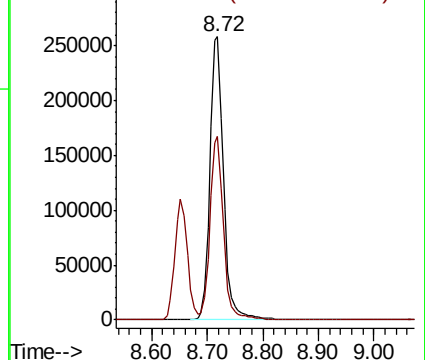
98 100

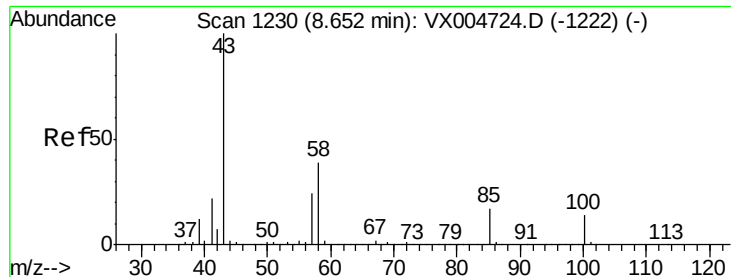
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

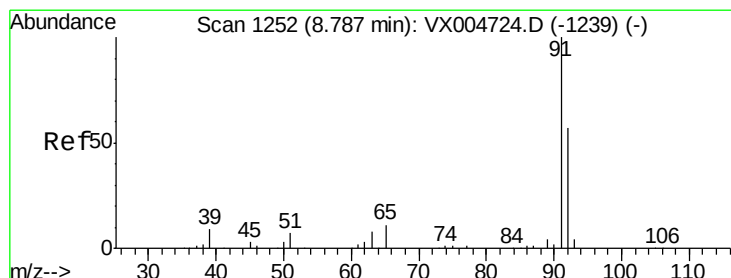
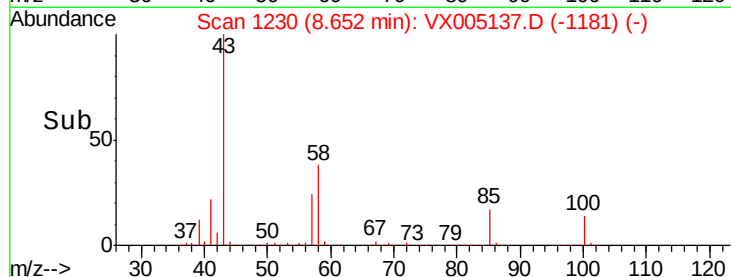
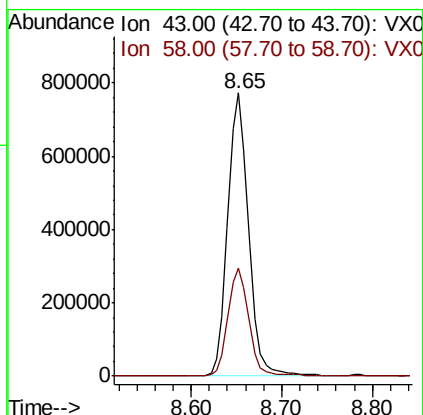
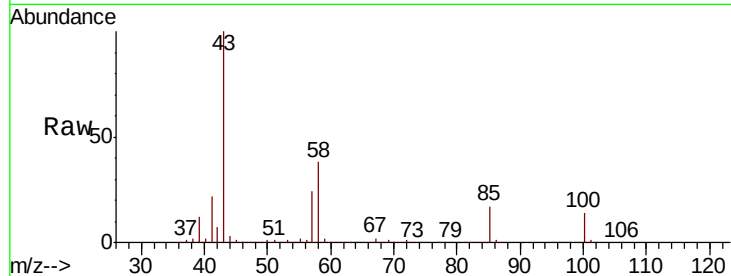




#51
4-Methyl-2-Pentanone
Concen: 290.596 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

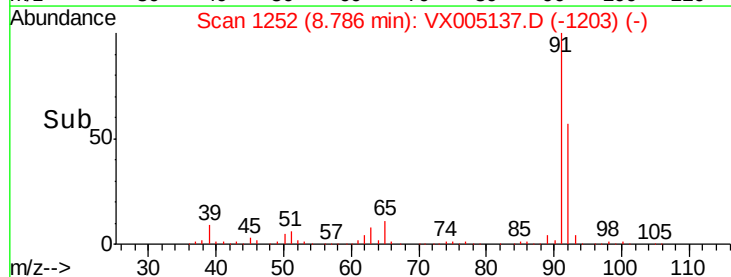
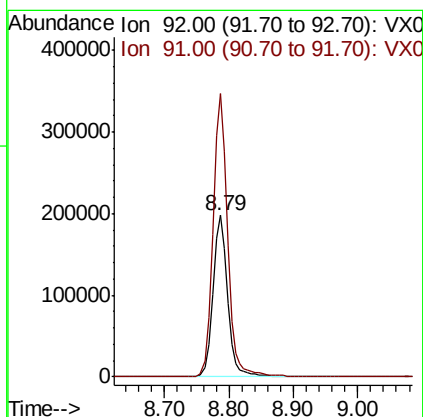
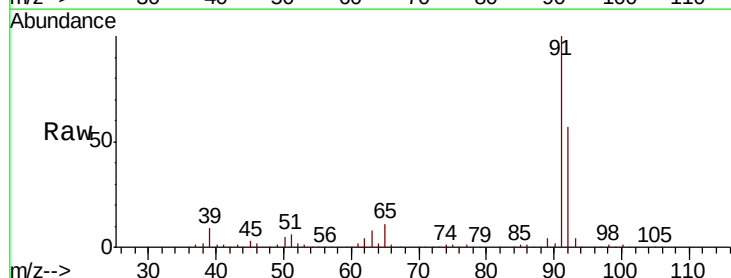
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

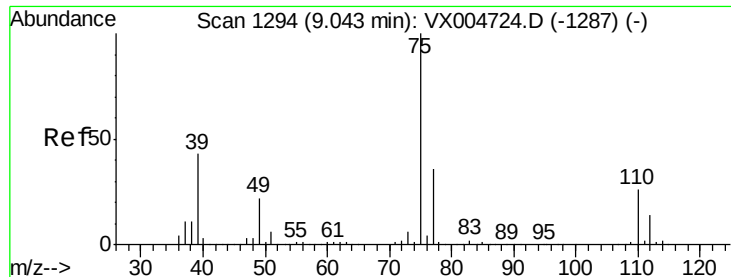
Tot Ion: 43 Resp: 1233774
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7



#52
Toluene
Concen: 52.612 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 92 Resp: 318534
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 53.584 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

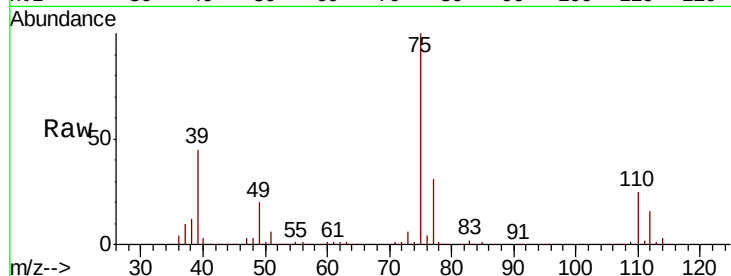
VSTDCCC050EC

Tot Ion: 75 Resp: 192515

Ion Ratio Lower Upper

75 100

77 31.0 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

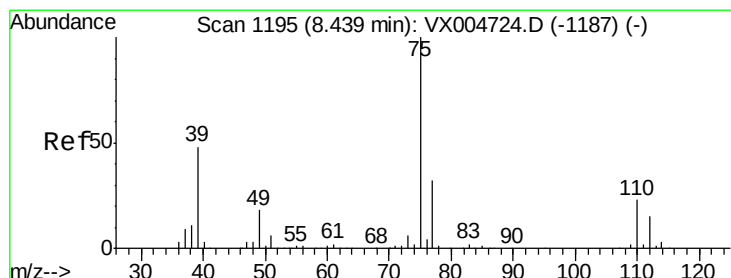
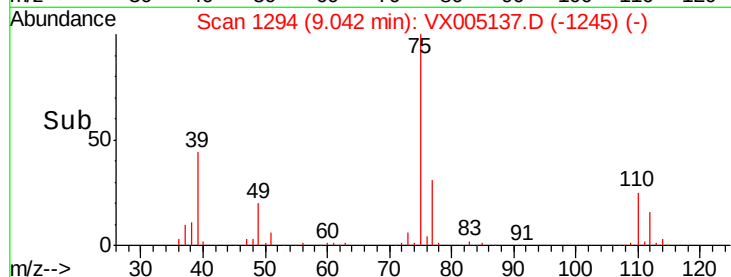
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.498 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

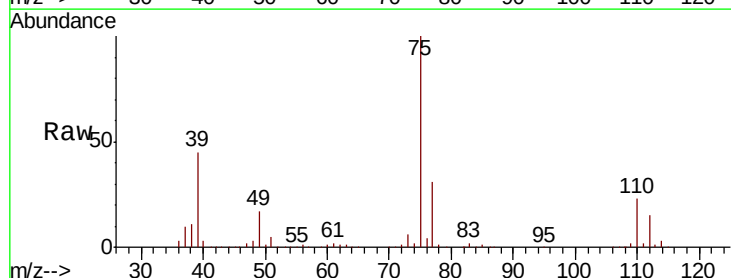
Tgt Ion: 75 Resp: 208848

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 44.8 38.3 57.5



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

8.44

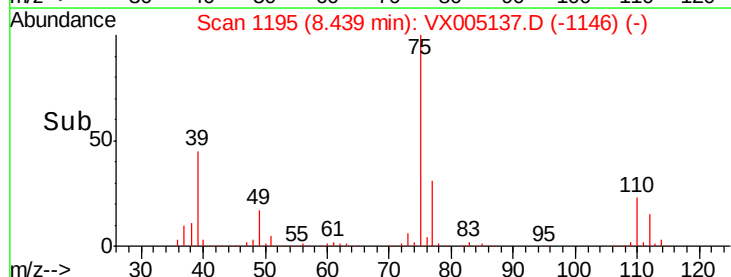
150000

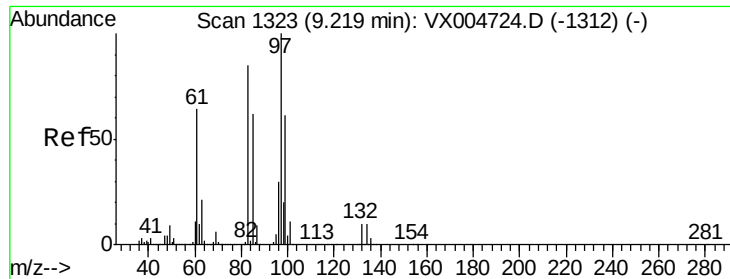
100000

50000

0

Time-->

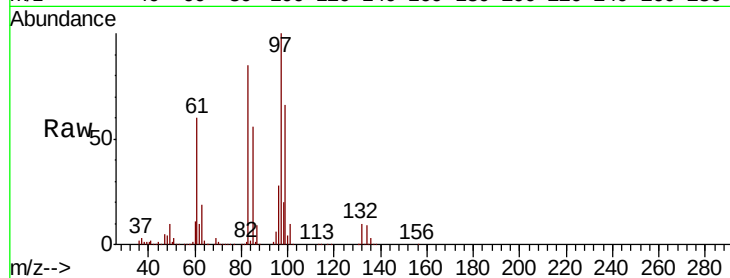




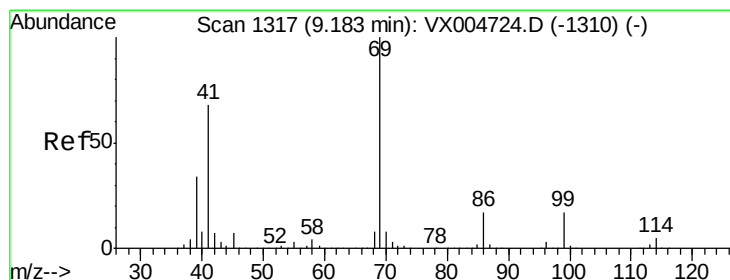
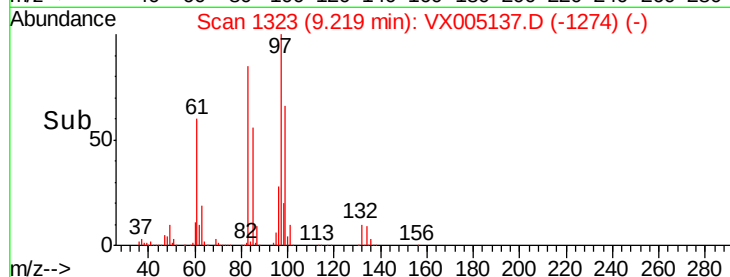
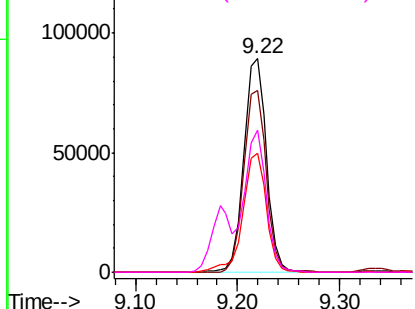
#55
 1,1,2-Trichloroethane
 Concen: 51.774 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	137307
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.2
85	56.0	49.9	74.9
99	66.2	48.9	73.3

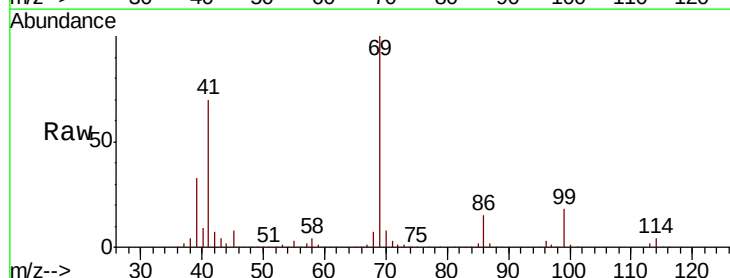


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

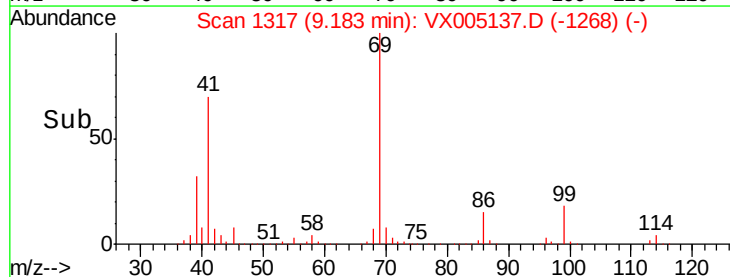
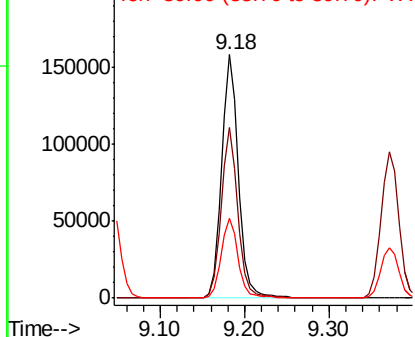


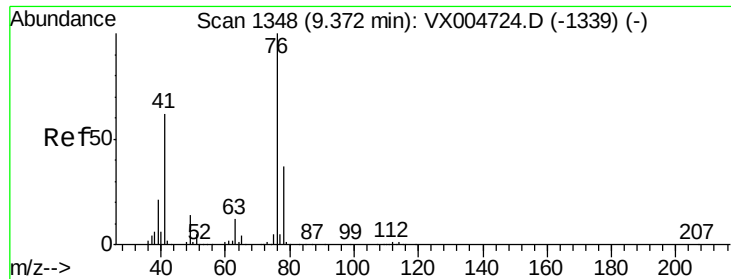
#56
 Ethyl methacrylate
 Concen: 50.936 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion:	69	Resp:	219448
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	32.9	28.4	42.6



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

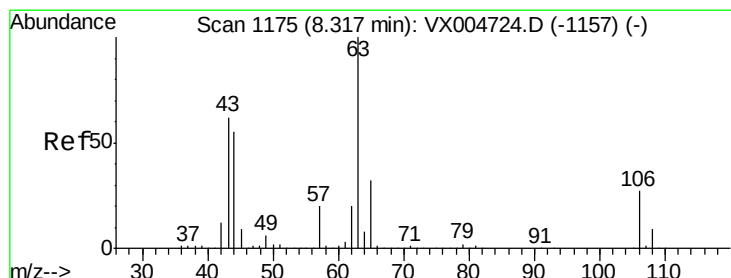
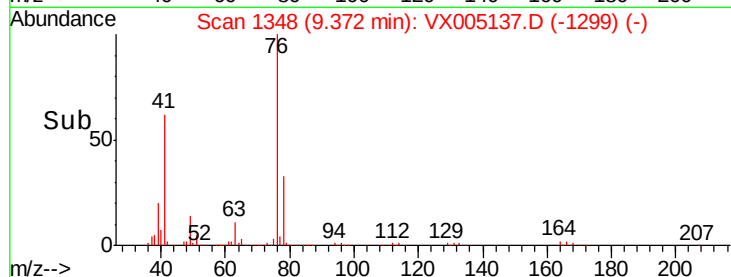
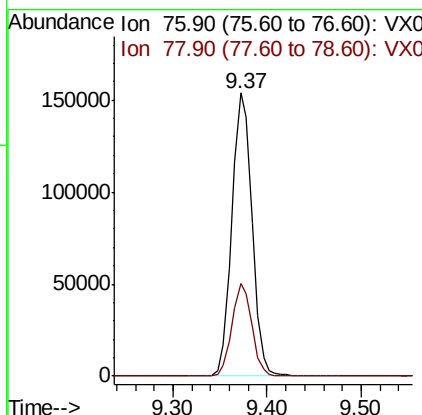
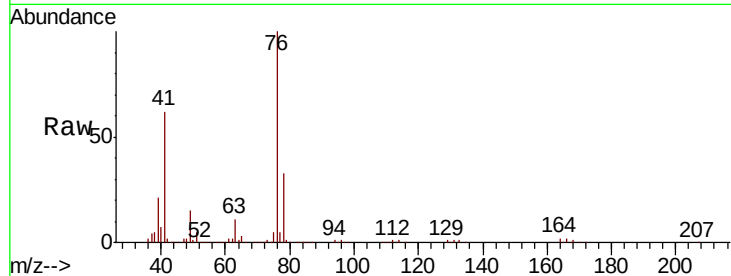




#57
 1,3-Dichloropropane
 Concen: 51.783 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

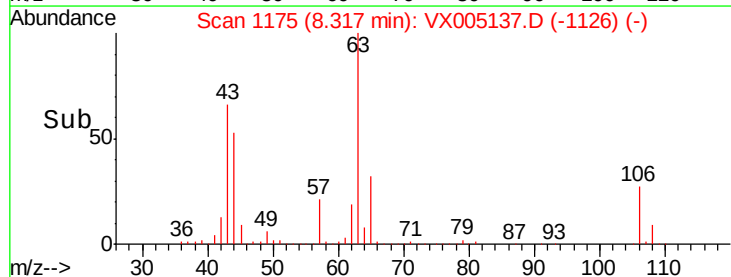
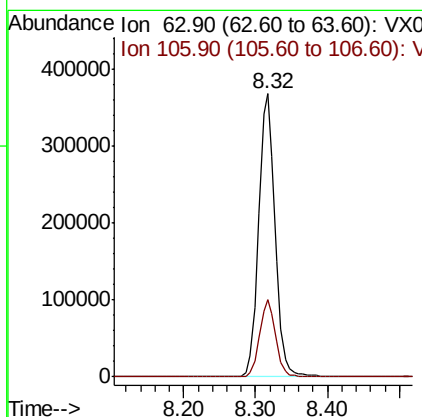
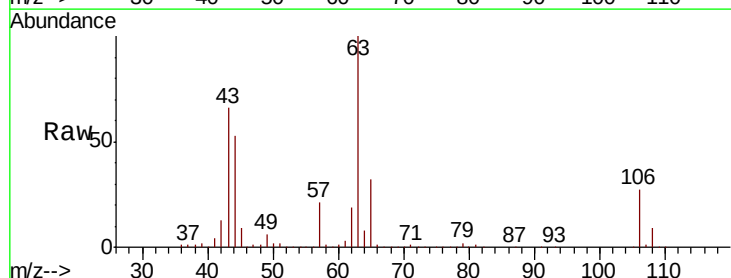
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

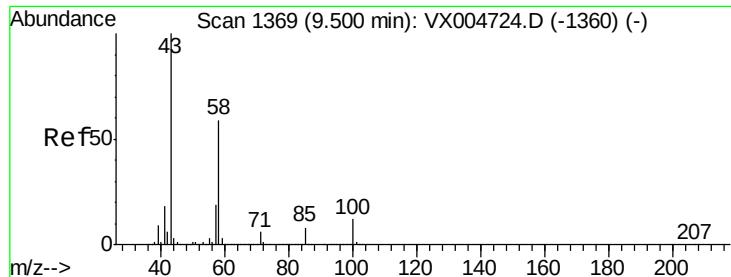
Tot Ion: 76 Resp: 228562
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.446 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 63 Resp: 586895
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.0 31.6

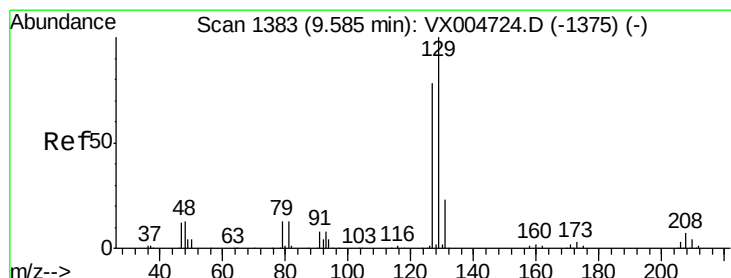
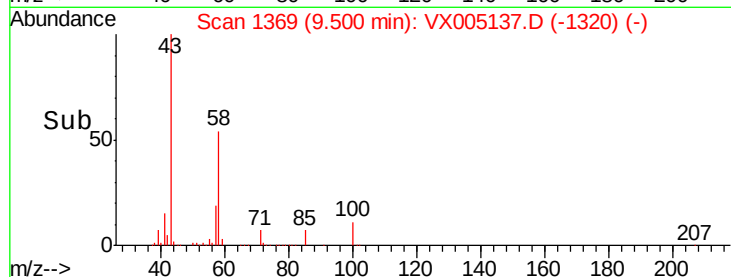
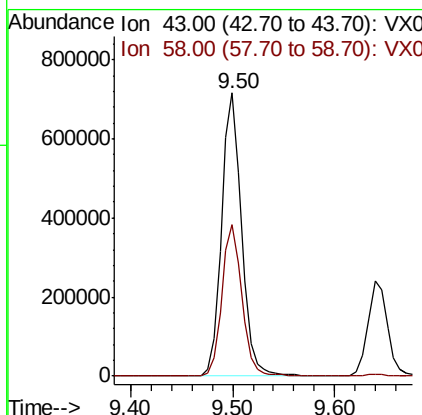
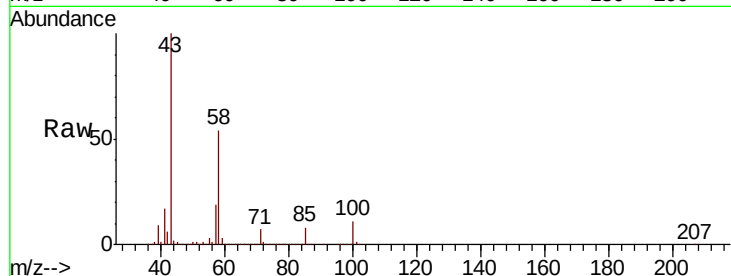




#59
2-Hexanone
Concen: 277.306 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

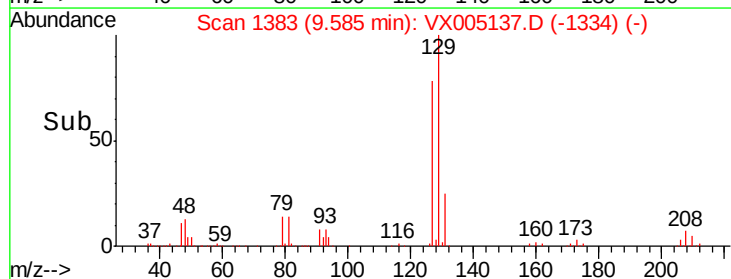
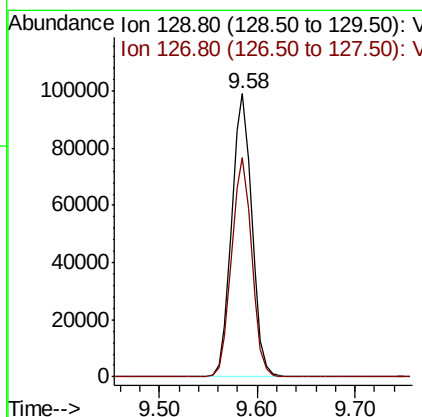
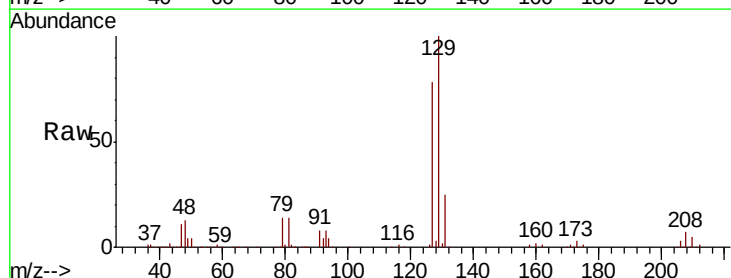
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

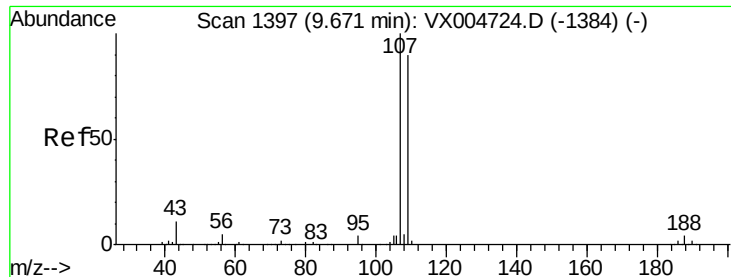
Tot Ion: 43 Resp: 981109
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 53.817 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 129 Resp: 142736
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.381 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

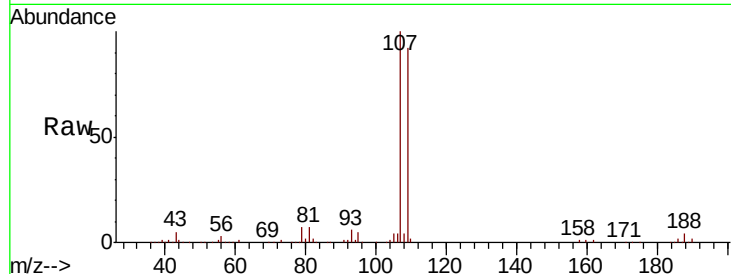
VSTDCCC050EC

Tot Ion:107 Resp: 140252

Ion Ratio Lower Upper

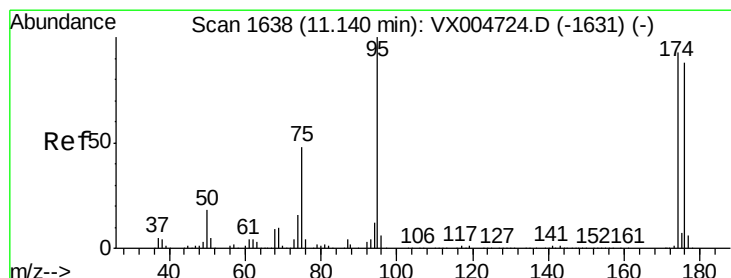
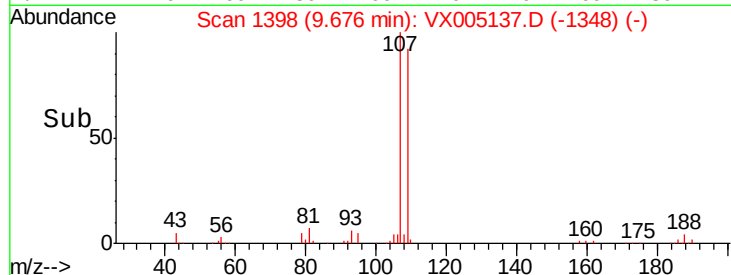
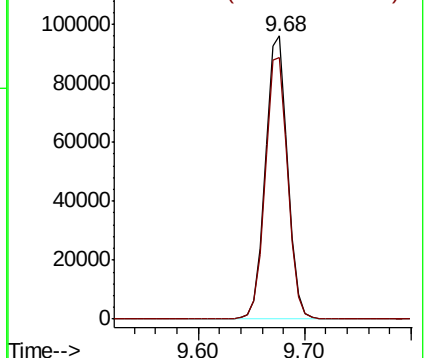
107 100

109 94.1 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.846 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

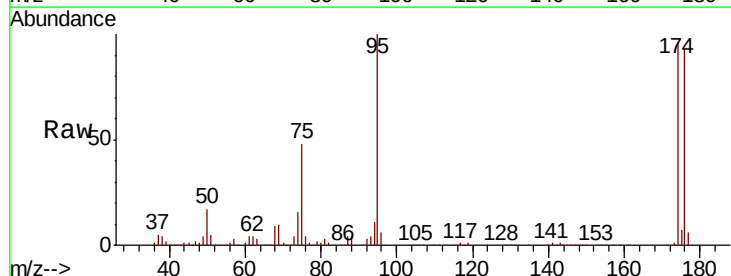
Tgt Ion: 95 Resp: 169445

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

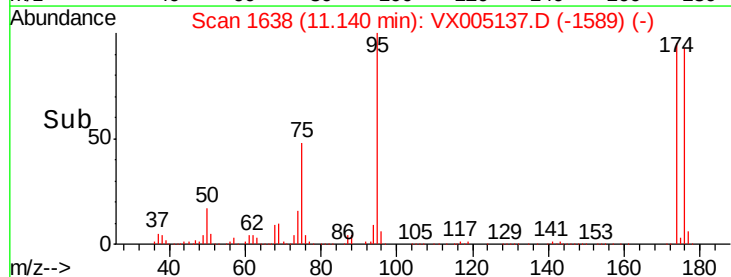
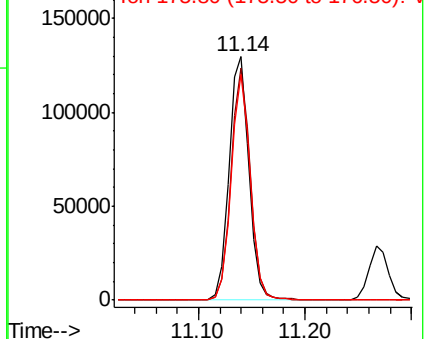
176 89.6 0.0 180.2

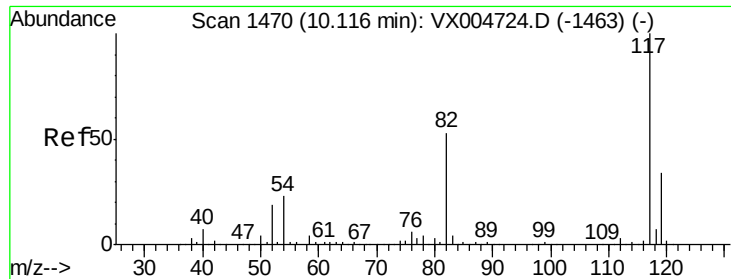


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

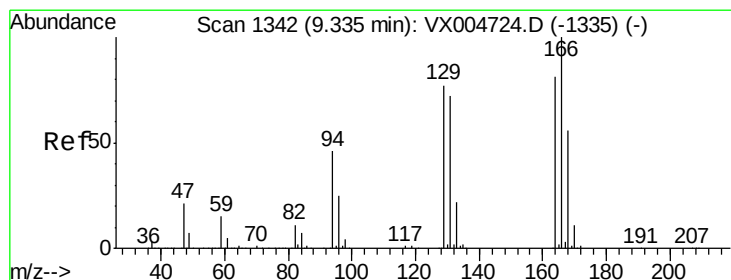
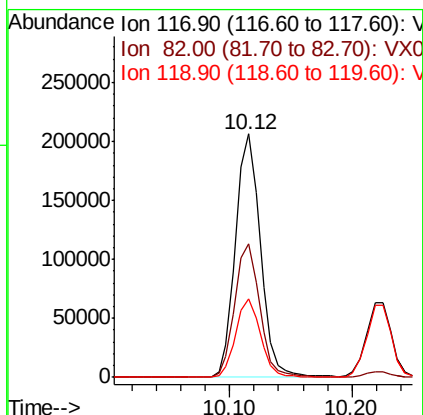
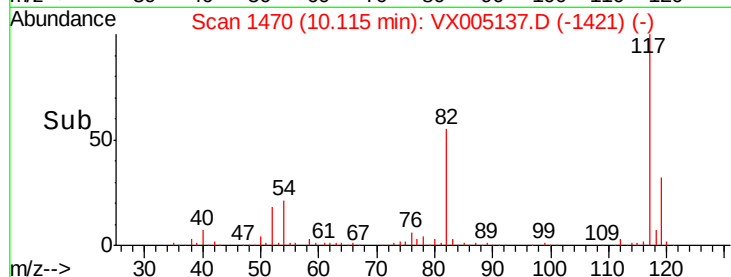
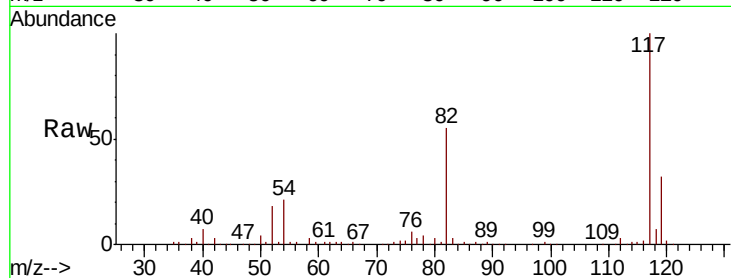




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

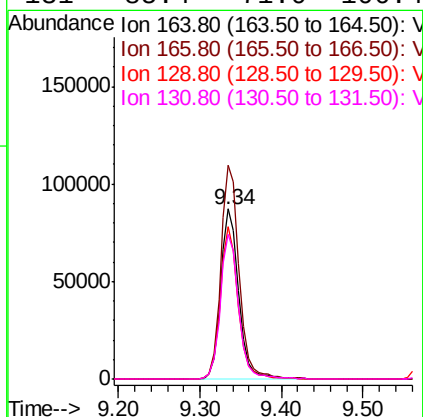
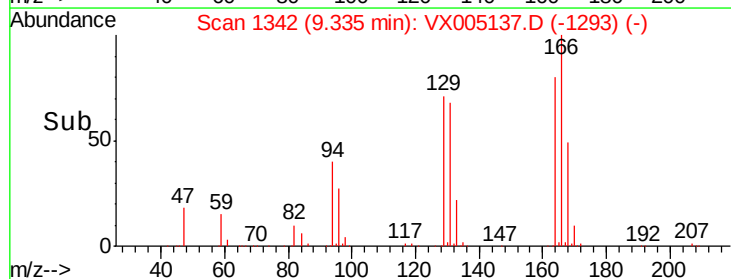
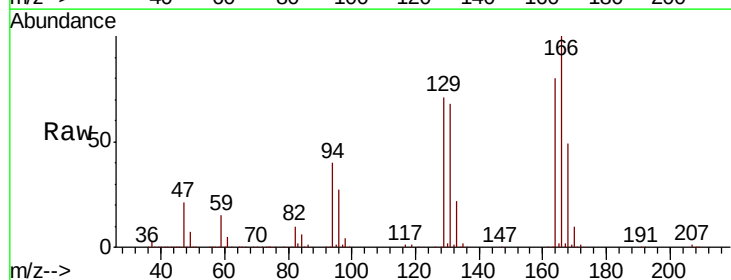
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

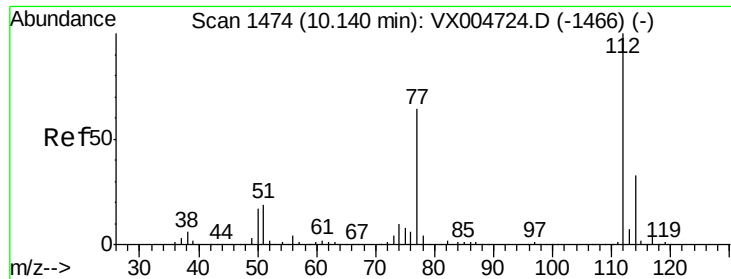
Tot Ion:117 Resp: 292038
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 46.722 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:164 Resp: 134292
Ion Ratio Lower Upper
164 100
166 125.6 98.4 147.6
129 89.3 76.1 114.1
131 85.4 71.0 106.4

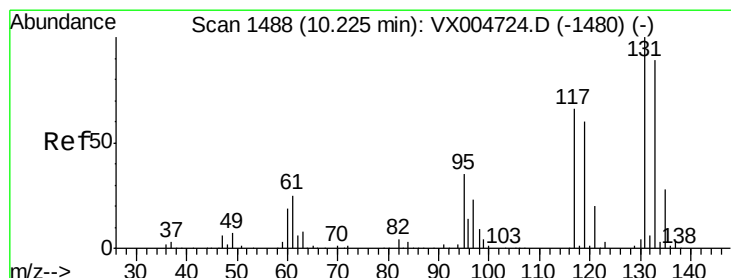
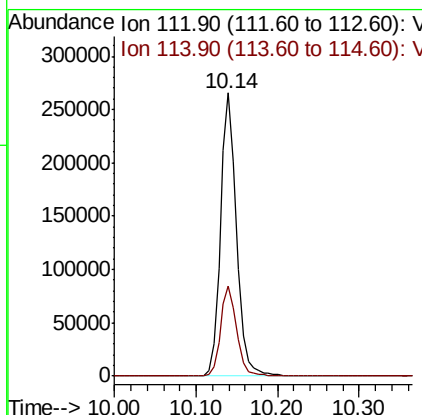
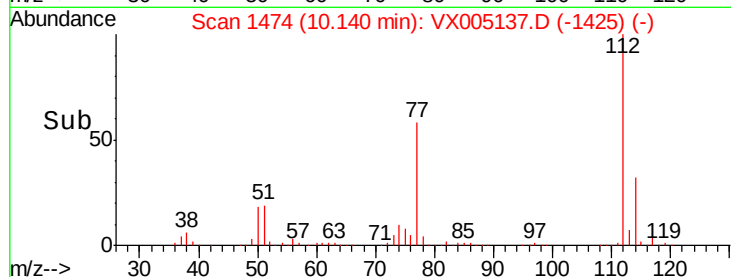
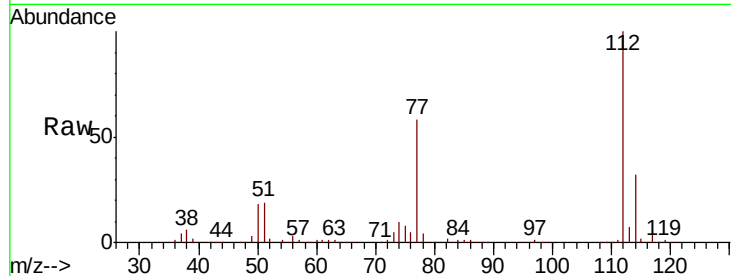




#65
Chlorobenzene
Concen: 48.611 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

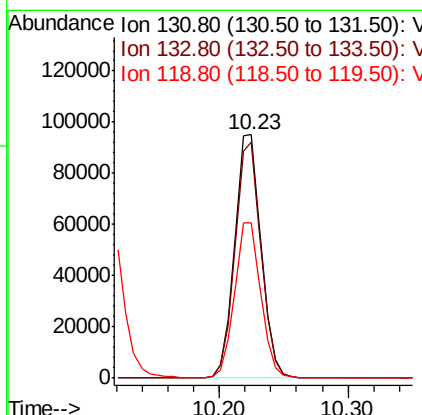
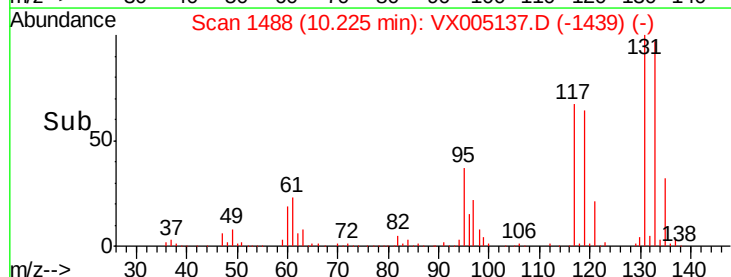
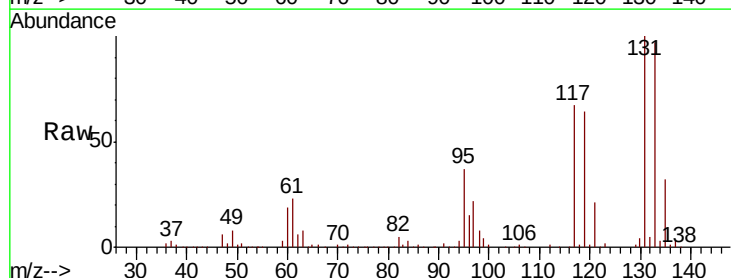
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

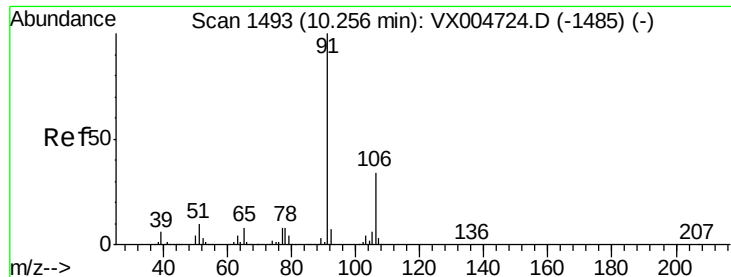
Tot Ion:112 Resp: 364035
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.729 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:131 Resp: 136188
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 63.7 32.3 96.8

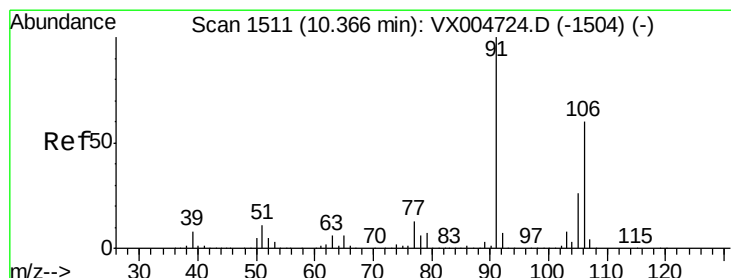
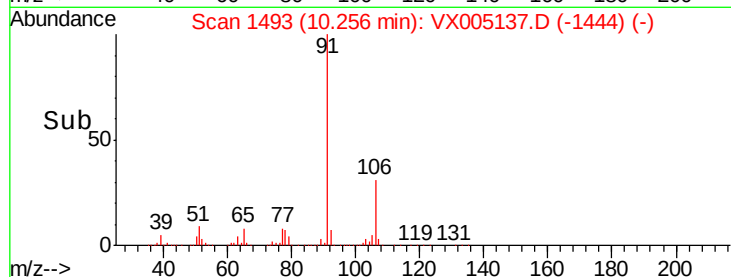
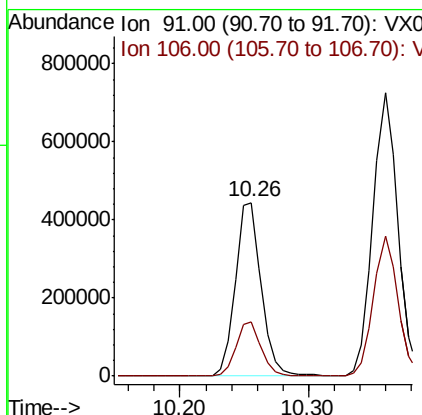
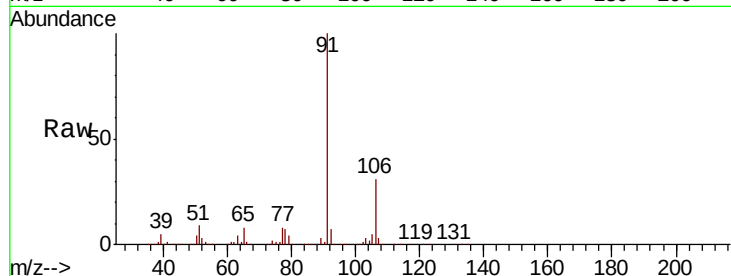




#67
Ethyl Benzene
Concen: 52.349 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

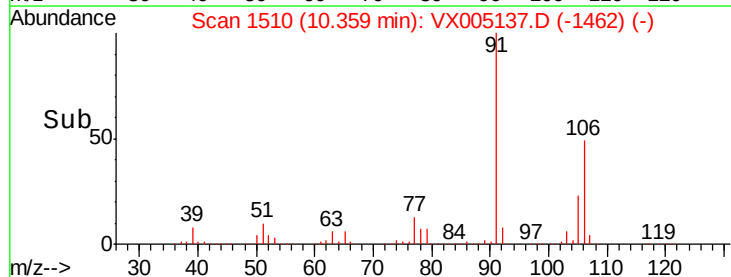
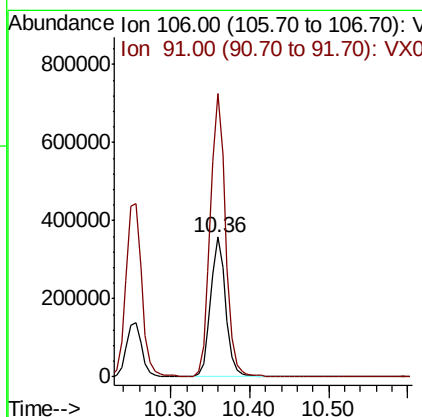
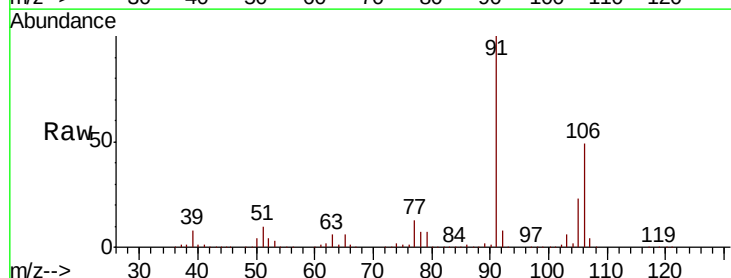
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

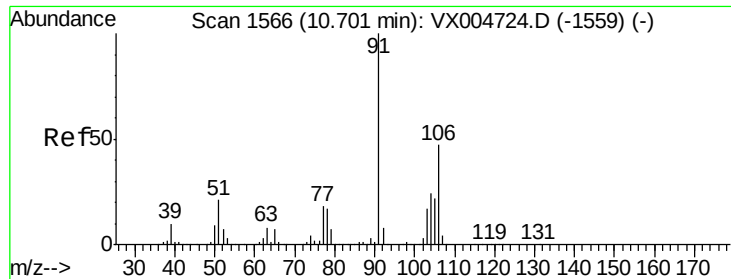
Tot Ion: 91 Resp: 622390
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3



#68
m/p-Xylenes
Concen: 102.595 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 106 Resp: 476655
Ion Ratio Lower Upper
106 100
91 204.9 157.5 236.3

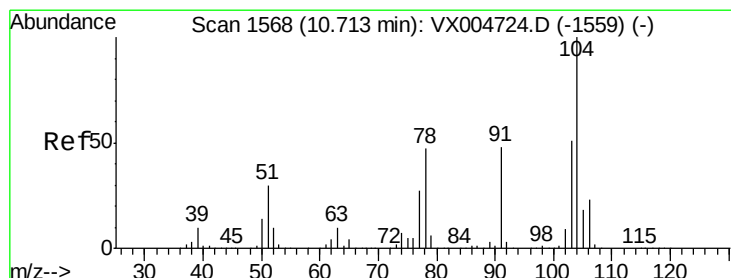
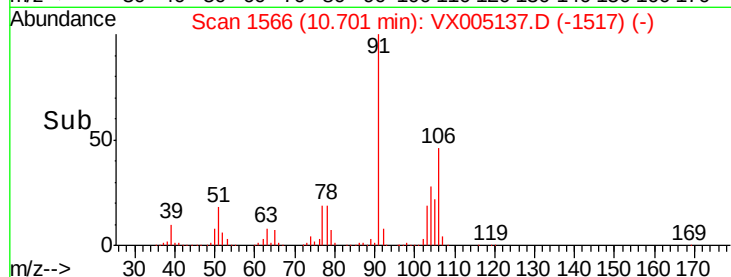
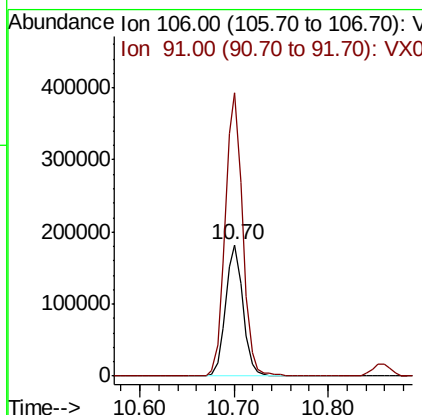
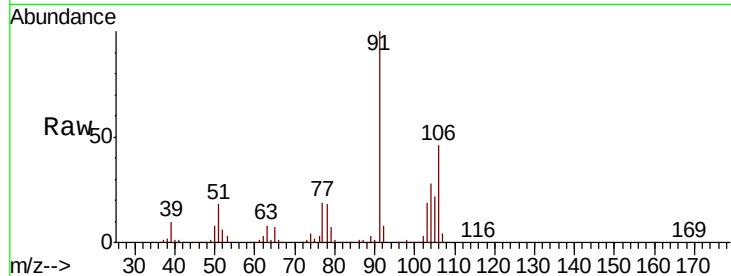




#69
o-Xylene
Concen: 54.719 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

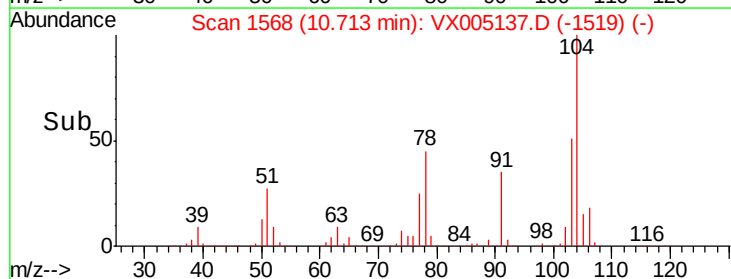
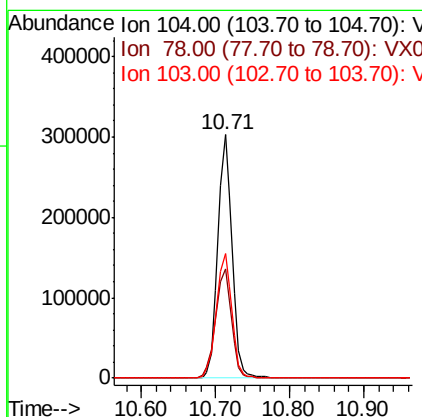
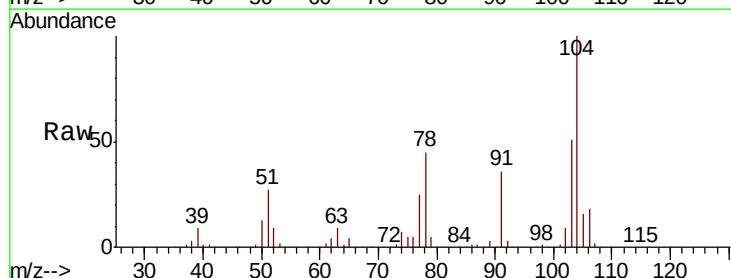
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

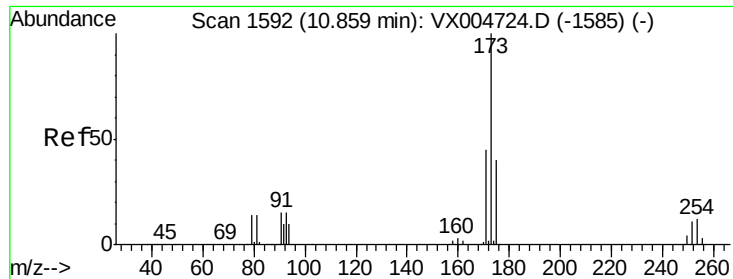
Tot Ion:106 Resp: 233503
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8



#70
Styrene
Concen: 49.816 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:104 Resp: 397525
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 53.248 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

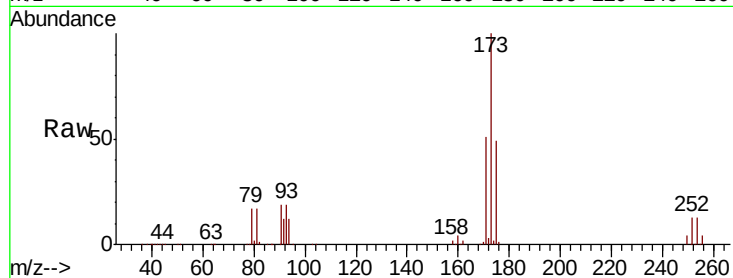
Tot Ion:173 Resp: 120017

Ion Ratio Lower Upper

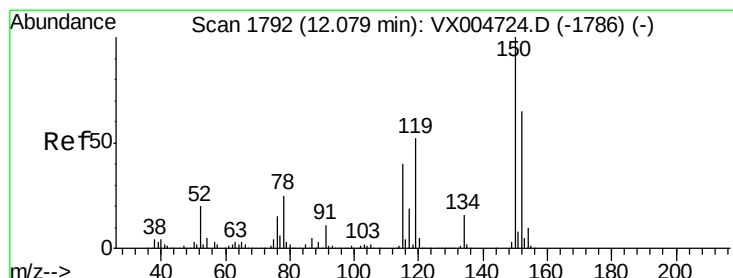
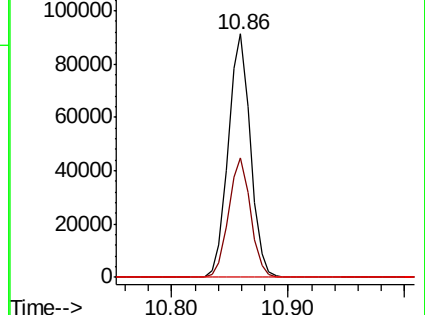
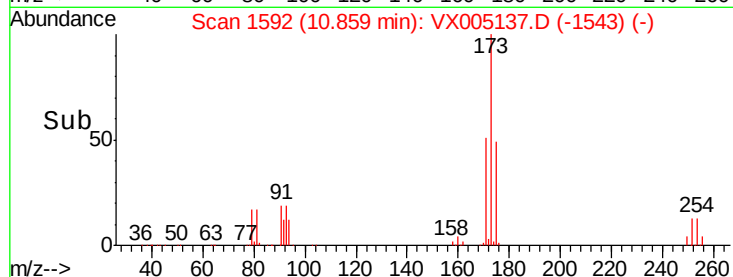
173 100

175 48.8 23.3 69.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

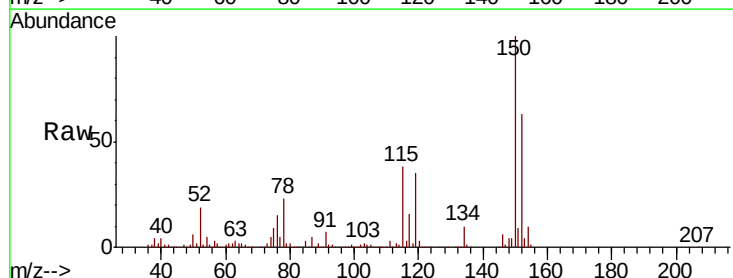
Tgt Ion:152 Resp: 185975

Ion Ratio Lower Upper

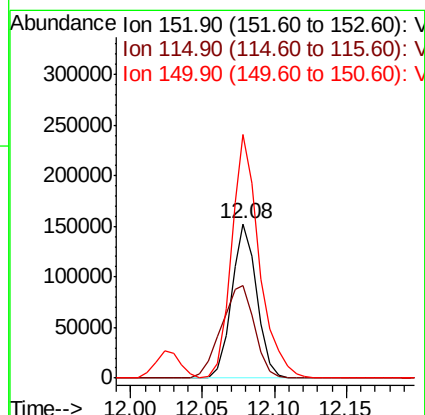
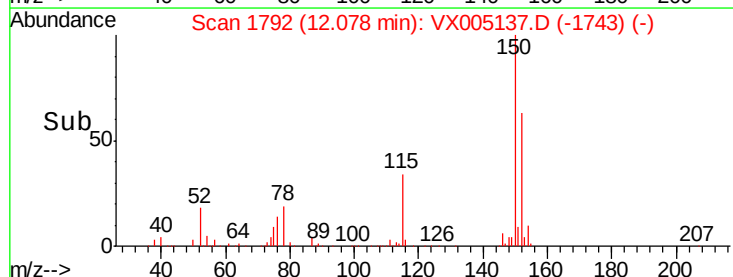
152 100

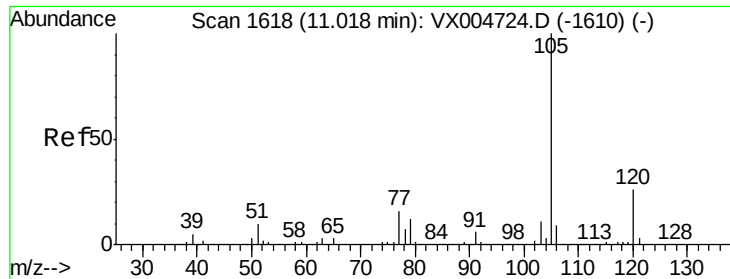
115 79.6 40.2 120.6

150 173.5 0.0 351.0



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

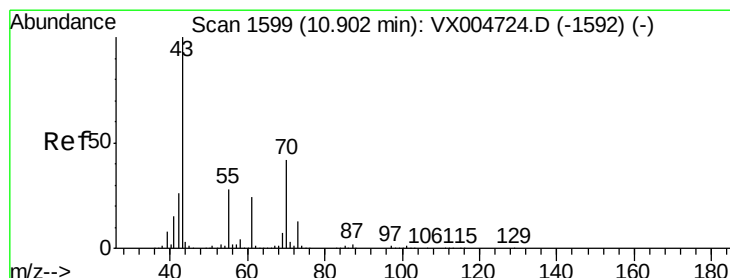
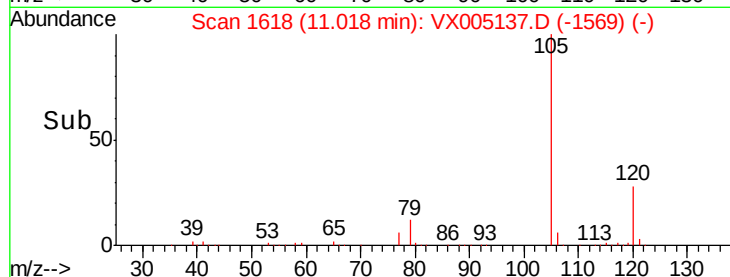
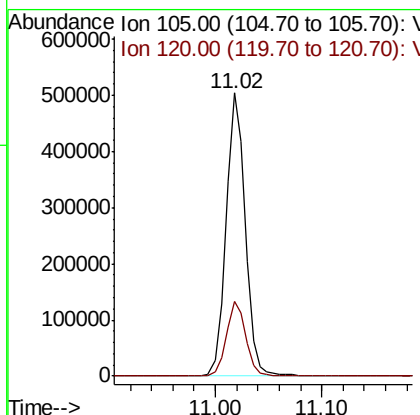
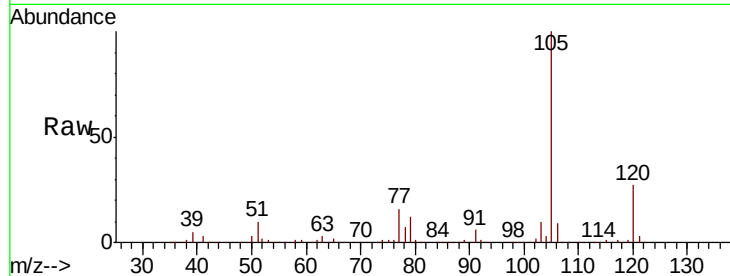




#73
Isopropylbenzene
Concen: 54.345 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

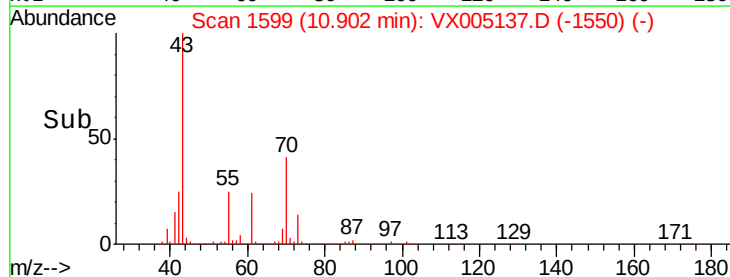
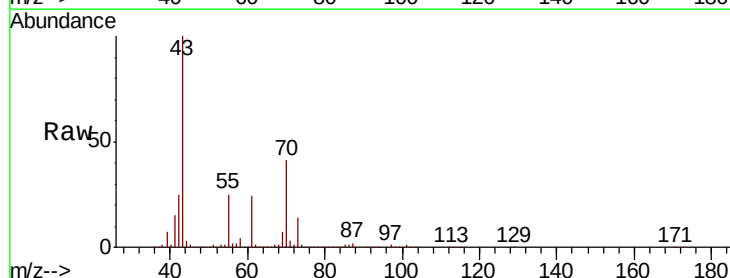
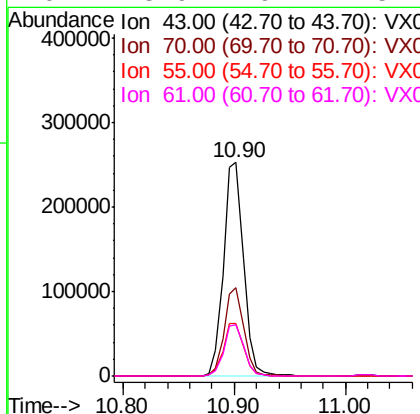
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

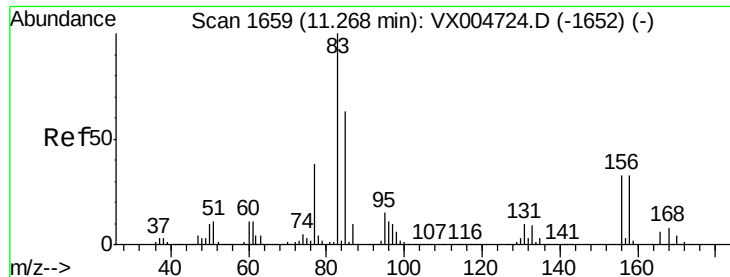
Tot Ion: 105 Resp: 637048
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 48.874 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 43 Resp: 314635
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 25.1 21.6 32.4
61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.705 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

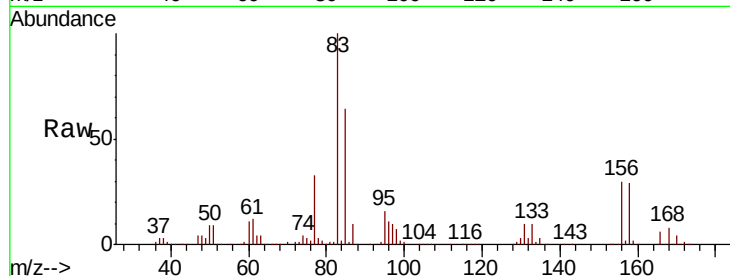
Tot Ion: 83 Resp: 232409

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

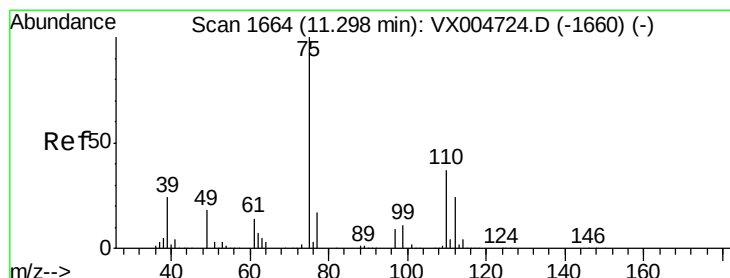
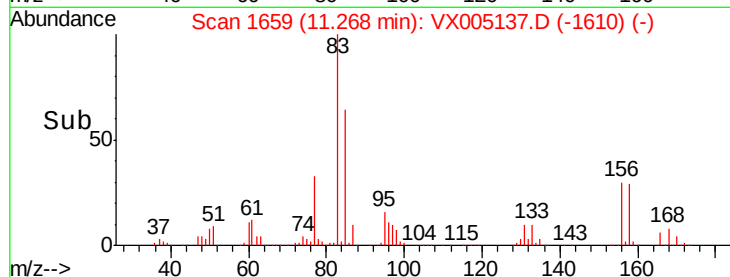
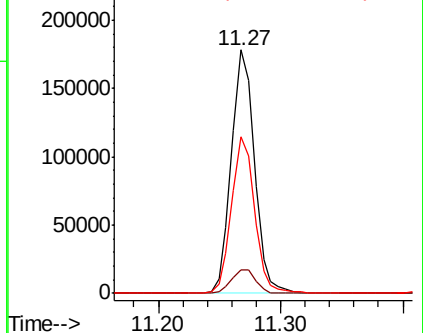
85 64.2 31.9 95.9



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: 63.264 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005137.D

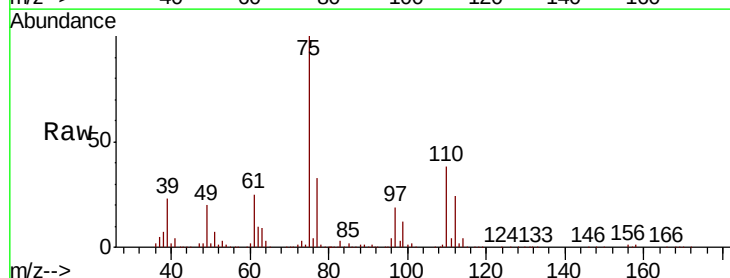
Acq: 08 Oct 2018 19:36

Tgt Ion: 75 Resp: 263708

Ion Ratio Lower Upper

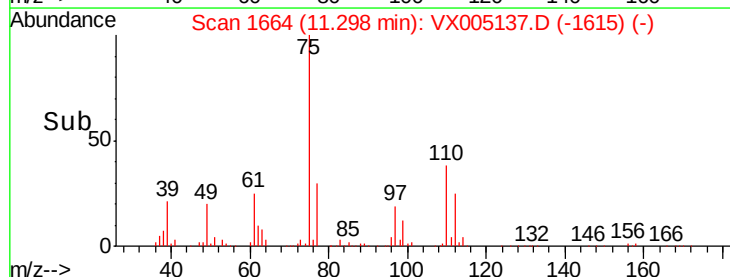
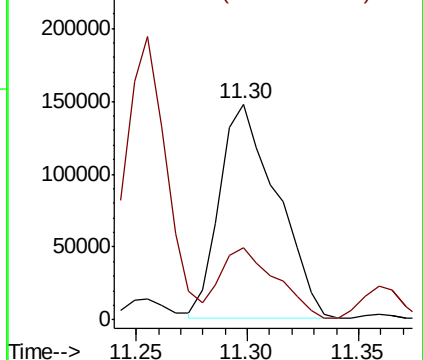
75 100

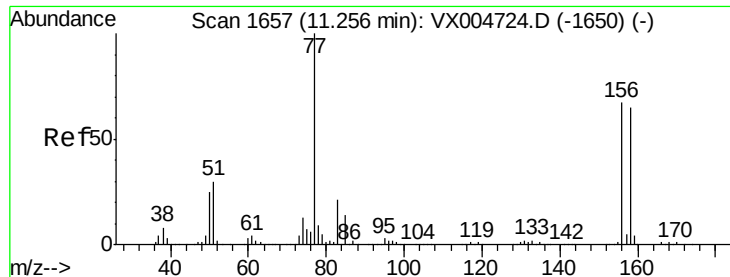
77 33.0 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

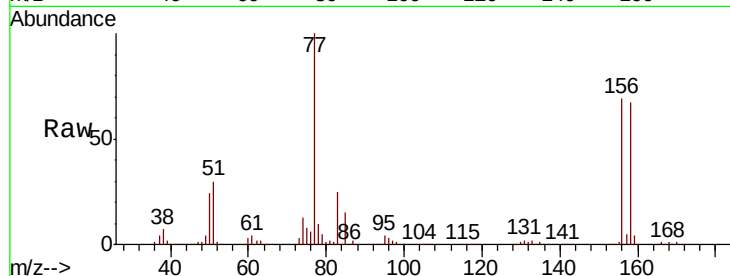
Tot Ion:156 Resp: 172086

Ion Ratio Lower Upper

156 100

77 147.0 73.4 220.2

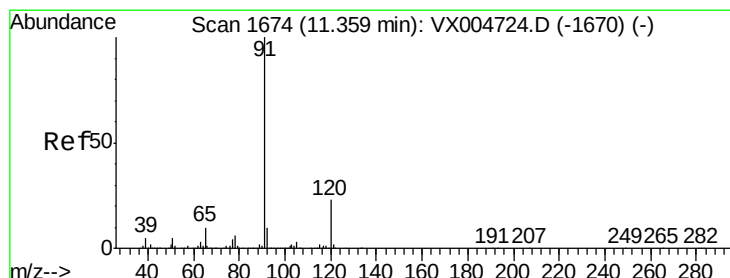
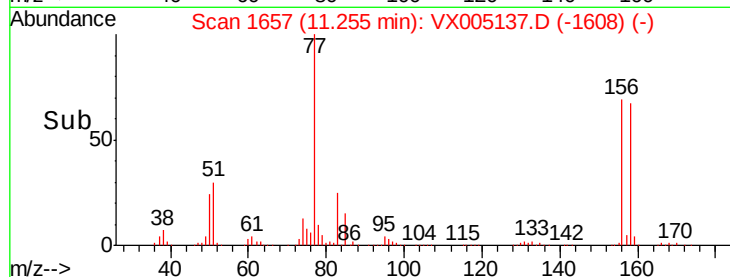
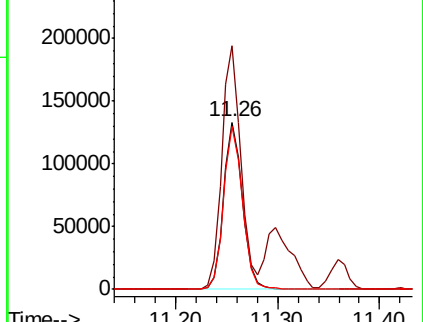
158 97.5 49.1 147.4



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: 54.721 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005137.D

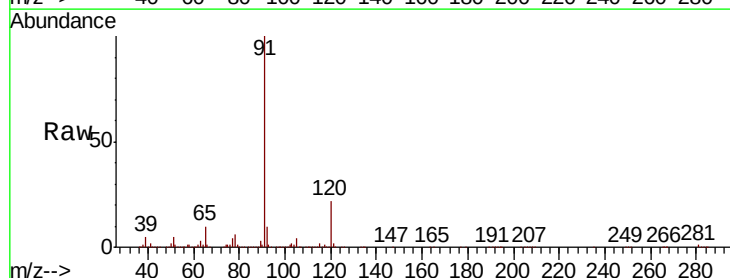
Acq: 08 Oct 2018 19:36

Tgt Ion: 91 Resp: 735995

Ion Ratio Lower Upper

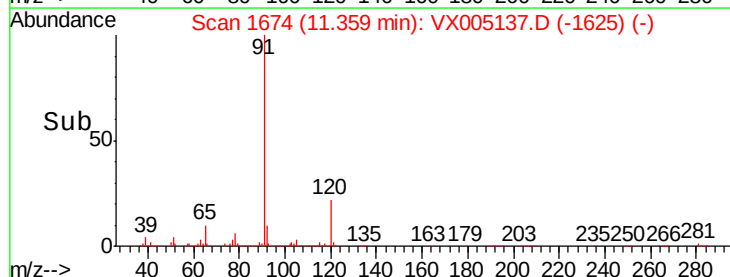
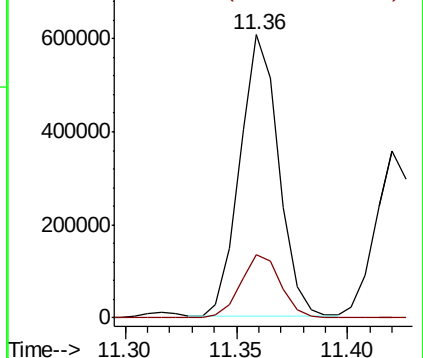
91 100

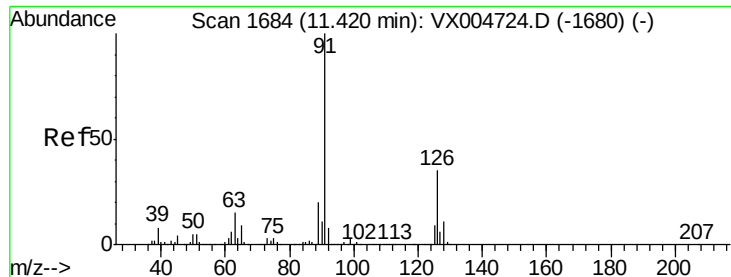
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.360 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

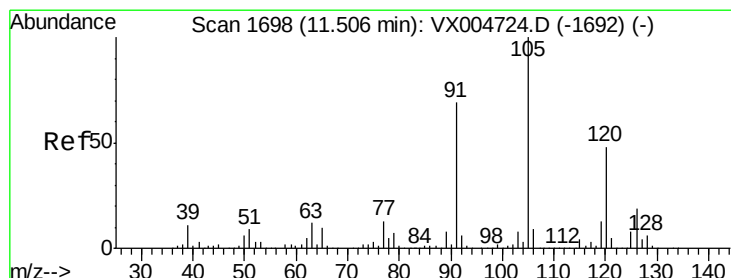
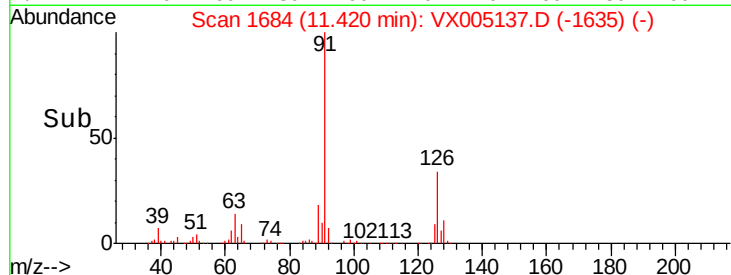
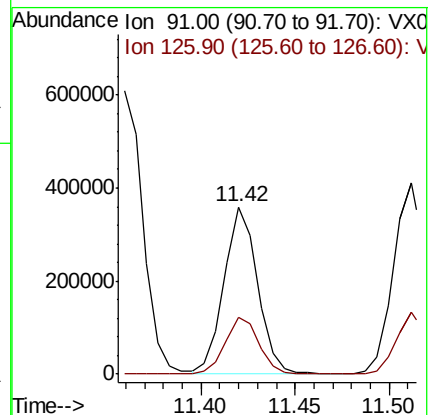
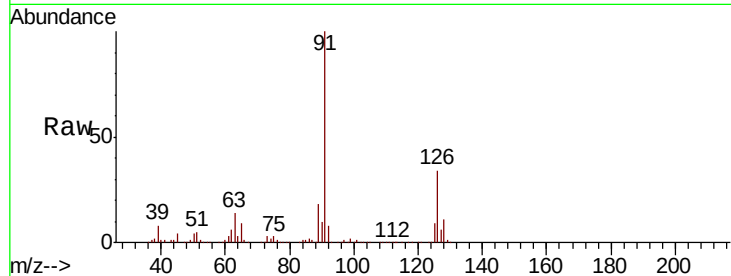
VSTDCCC050EC

Tot Ion: 91 Resp: 438960

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 50.566 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005137.D

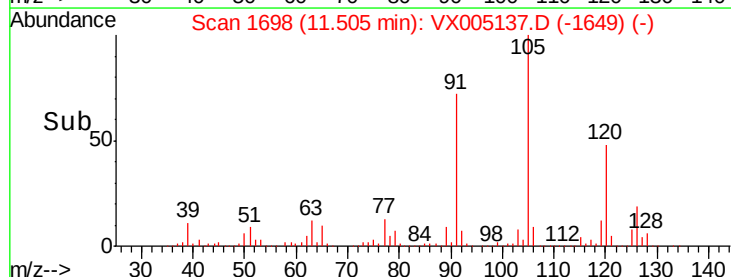
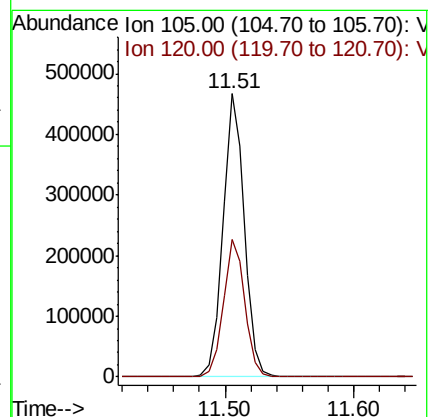
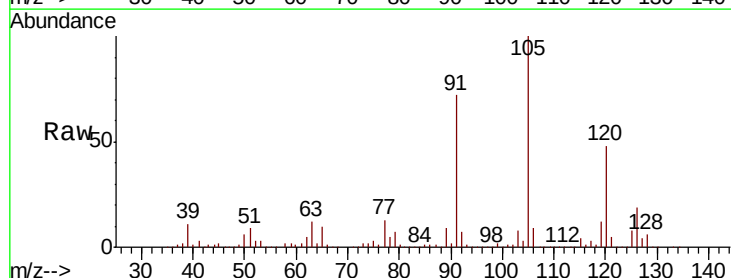
Acq: 08 Oct 2018 19:36

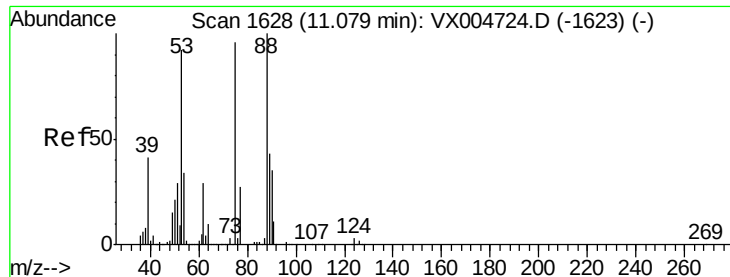
Tgt Ion: 105 Resp: 543254

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.440 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

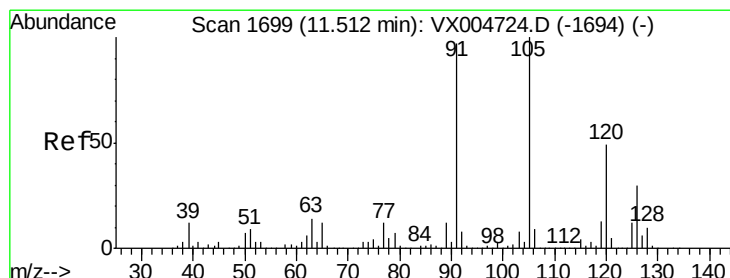
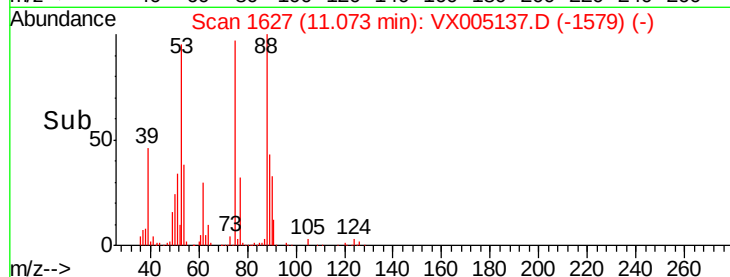
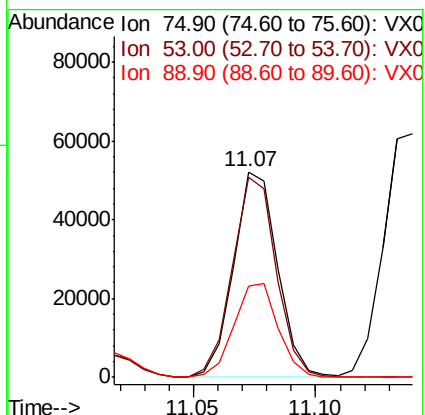
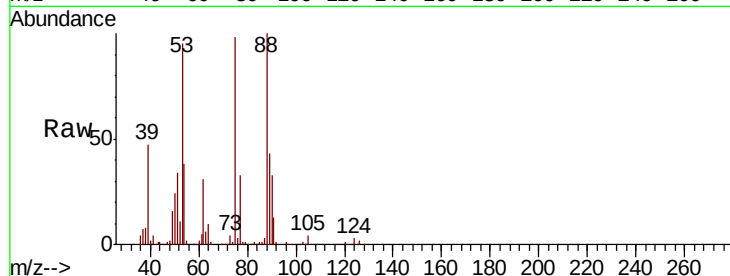
Tot Ion: 75 Resp: 64385

Ion Ratio Lower Upper

75 100

53 97.6 80.2 120.4

89 46.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 52.366 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005137.D

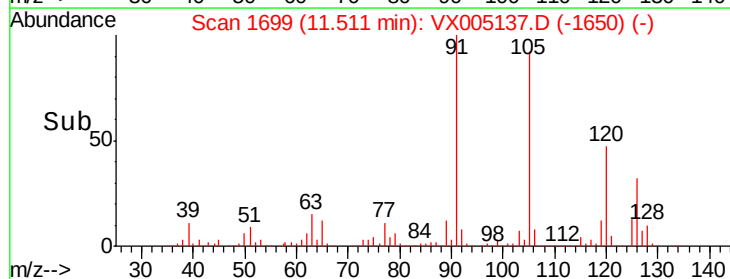
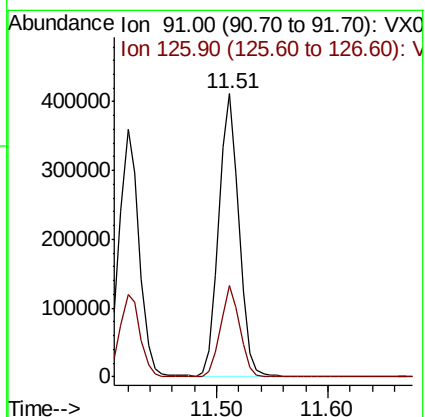
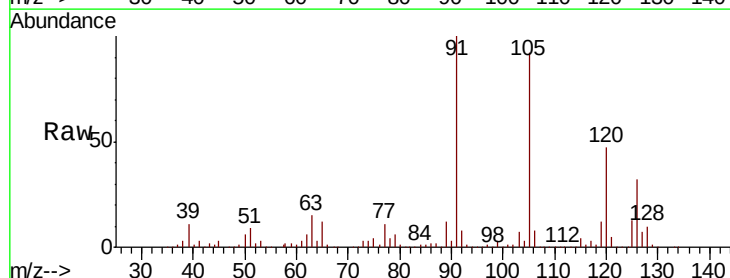
Acq: 08 Oct 2018 19:36

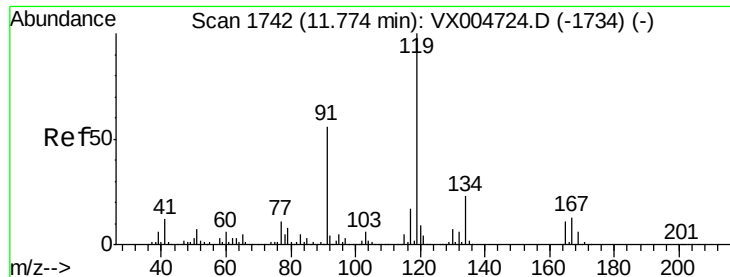
Tgt Ion: 91 Resp: 516742

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

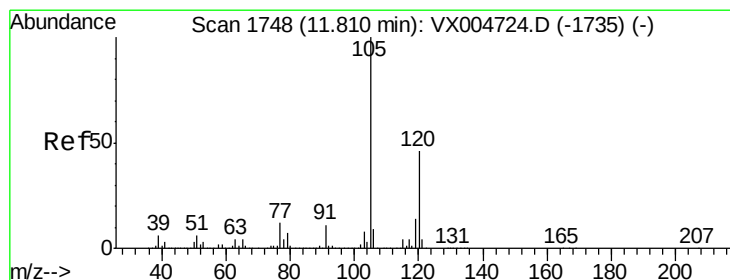
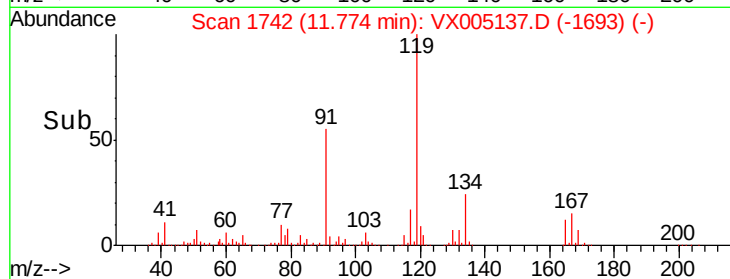
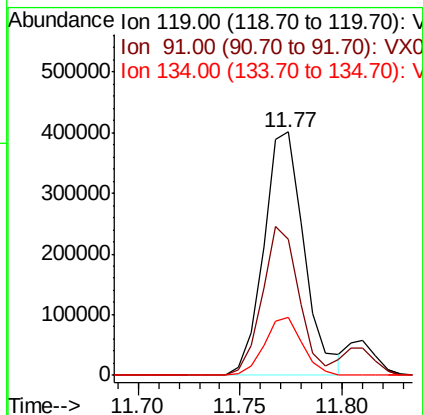
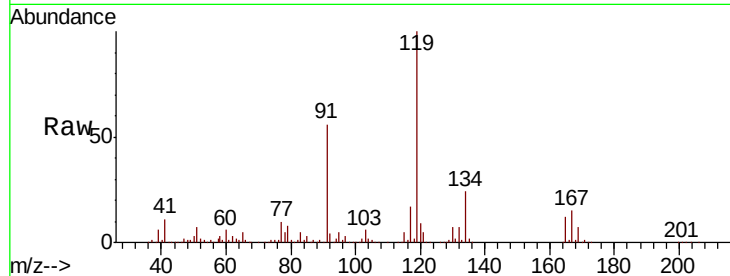




#83
 tert-Butylbenzene
 Concen: 57.237 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

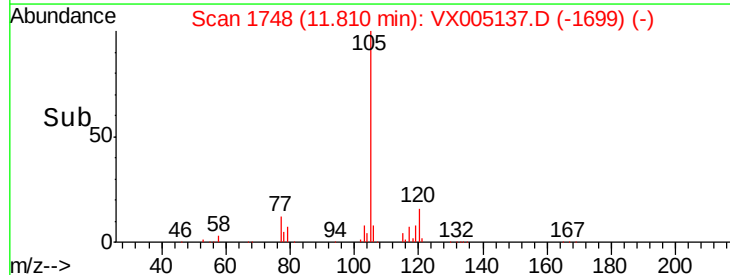
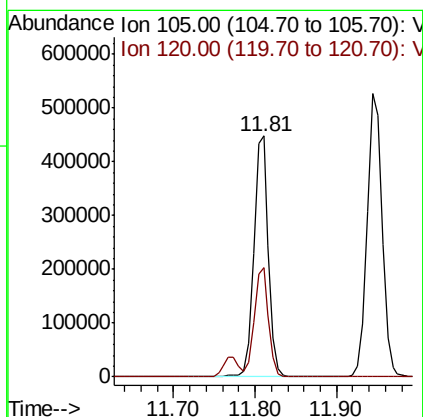
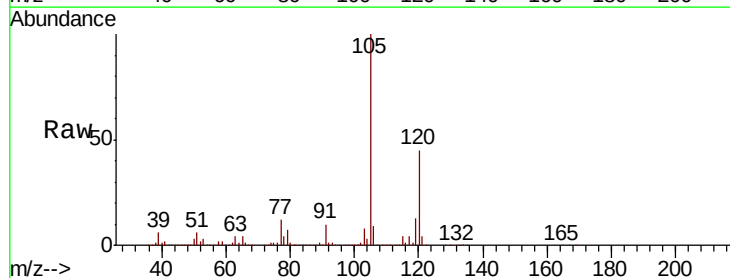
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

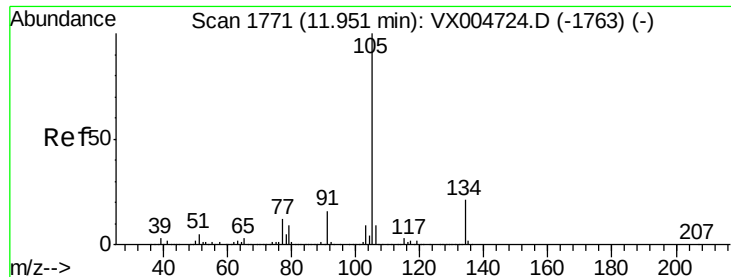
Tot Ion:119 Resp: 552407
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.5 82.5
 134 22.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.846 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion:105 Resp: 563330
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.656 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

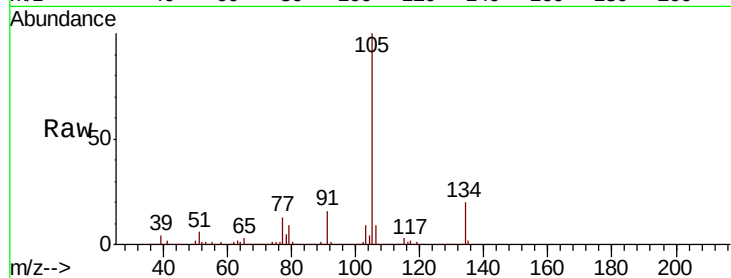
VSTDCCC050EC

Tot Ion:105 Resp: 654269

Ion Ratio Lower Upper

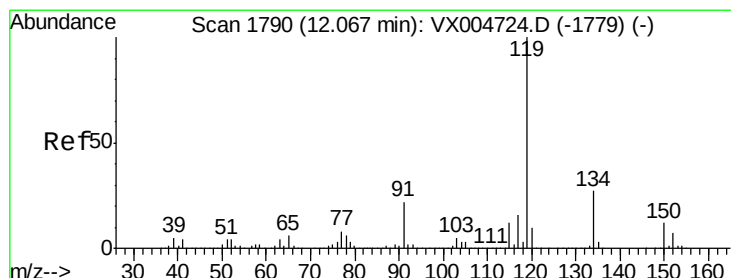
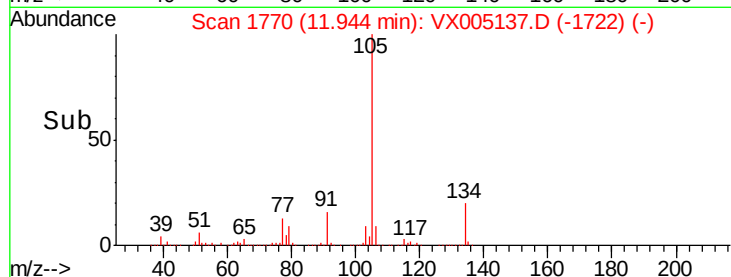
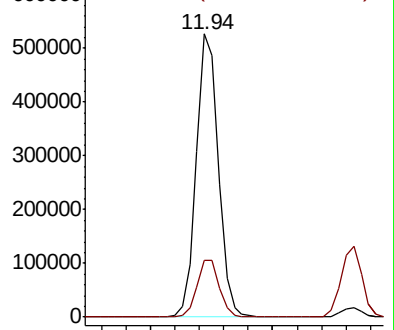
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.300 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

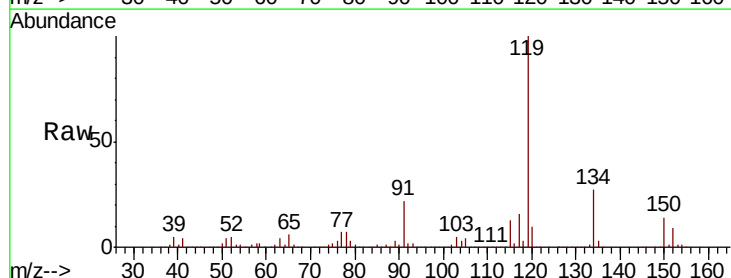
Tgt Ion:119 Resp: 588982

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

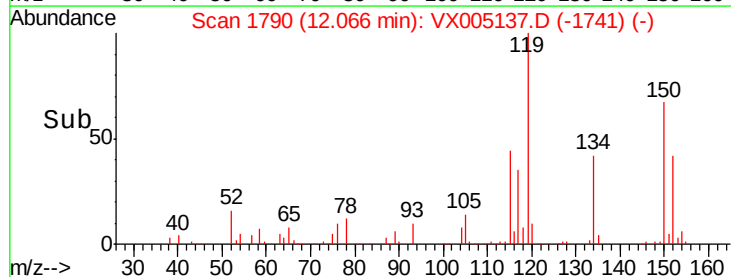
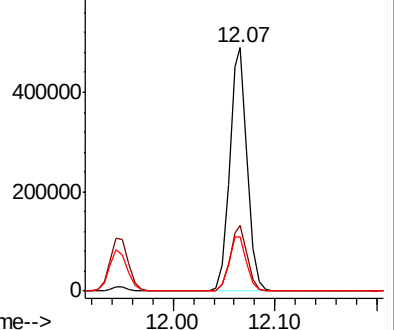
91 23.0 11.5 34.4

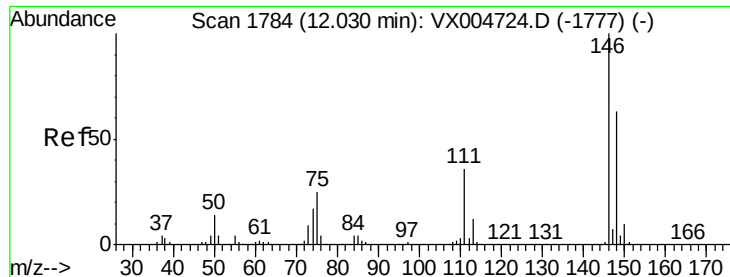


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

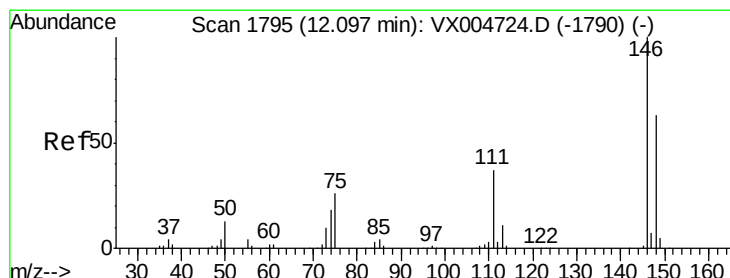
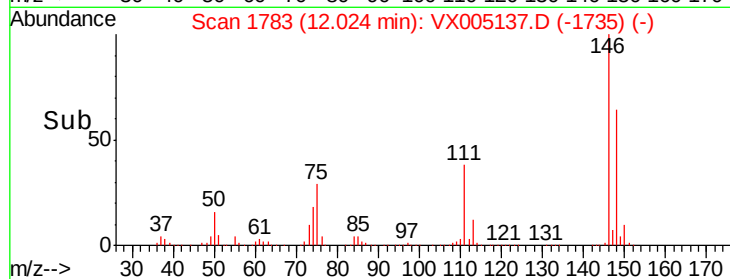
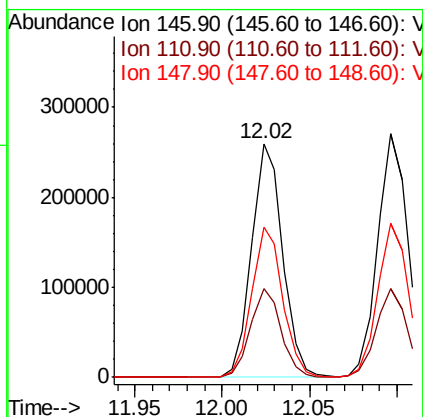
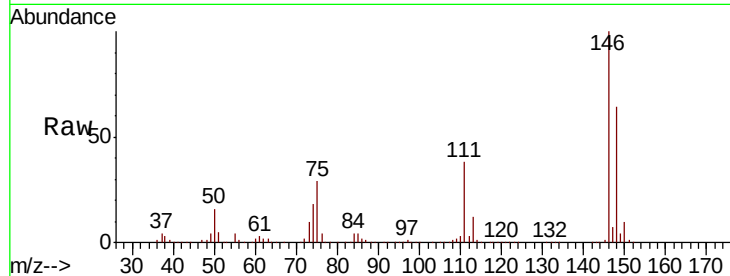




#87
 1,3-Dichlorobenzene
 Concen: 50.376 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

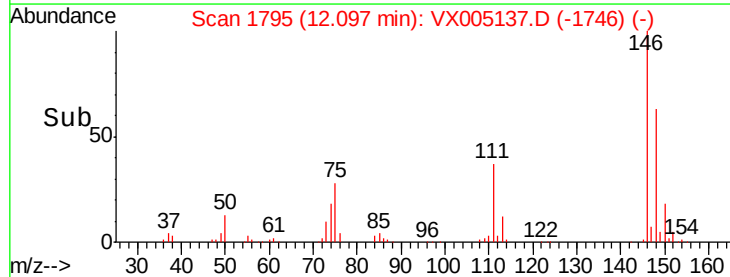
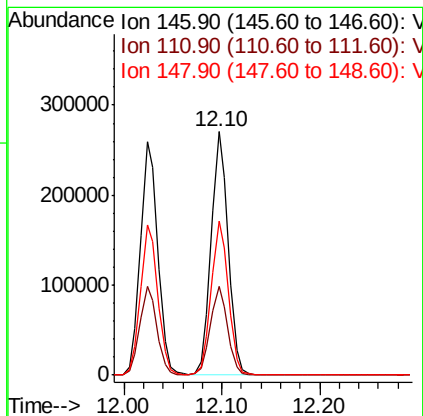
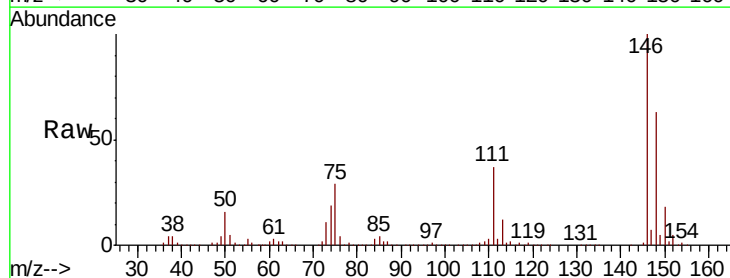
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

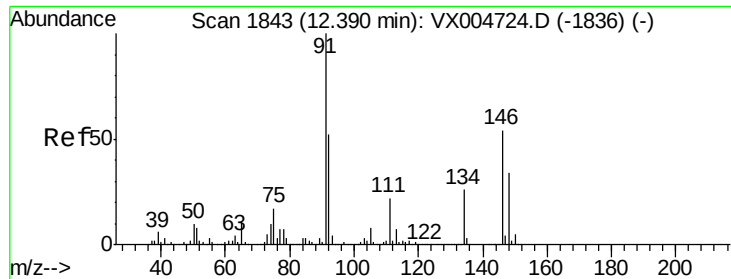
Tot Ion:146 Resp: 320277
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.933 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion:146 Resp: 327712
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 54.034 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

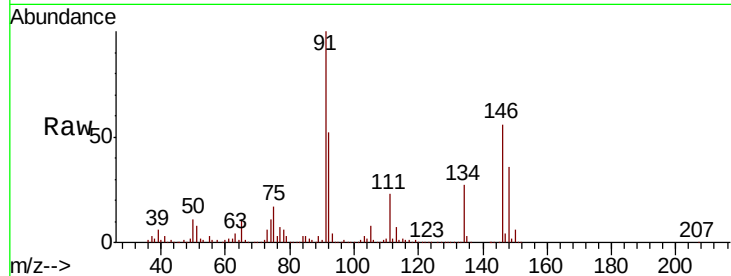
Tot Ion: 91 Resp: 522658

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

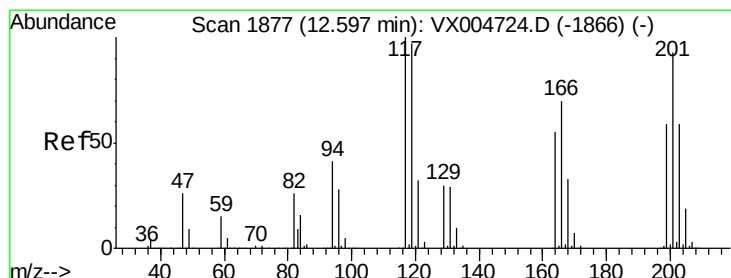
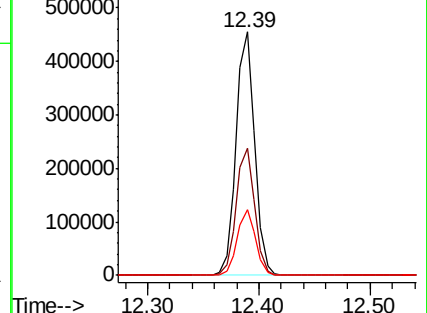
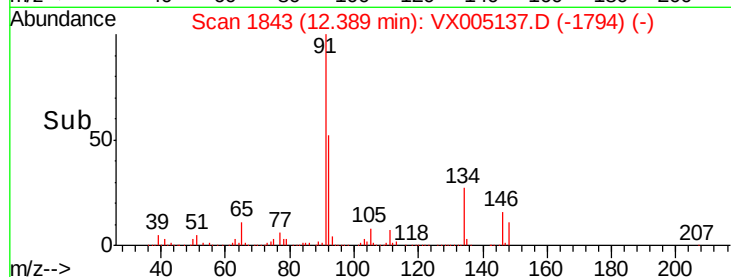
134 26.6 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 54.014 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005137.D

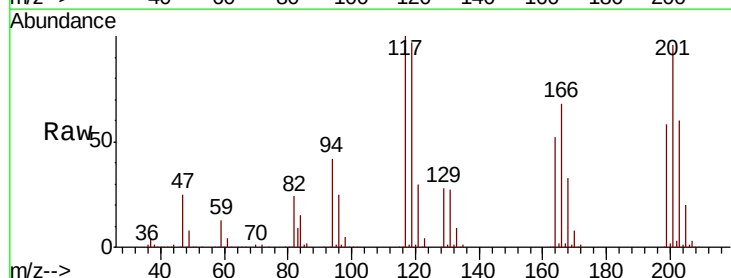
Acq: 08 Oct 2018 19:36

Tgt Ion: 117 Resp: 95783

Ion Ratio Lower Upper

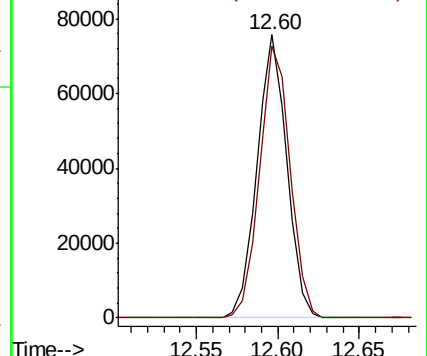
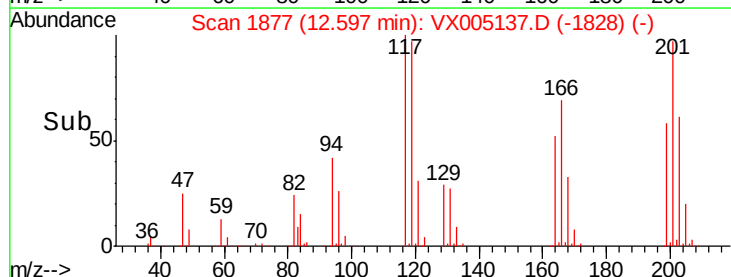
117 100

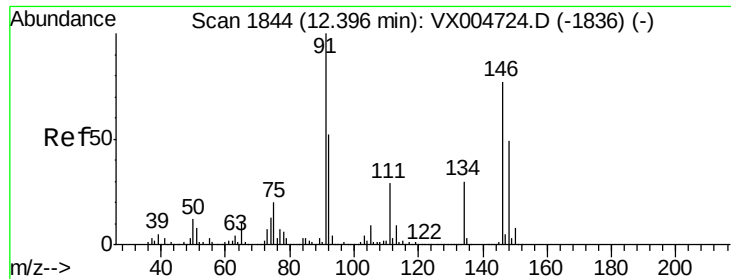
201 98.9 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

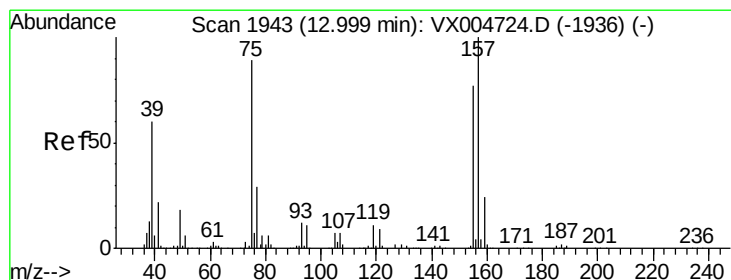
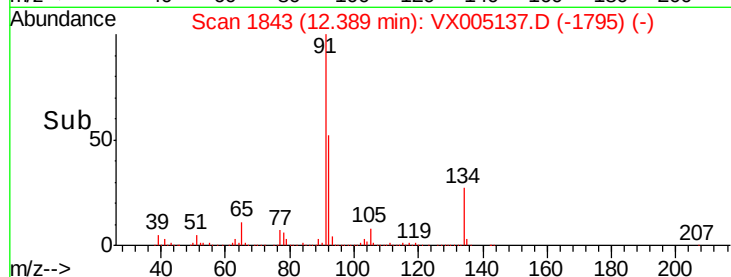
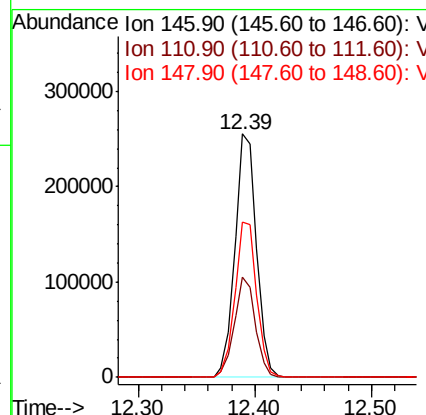
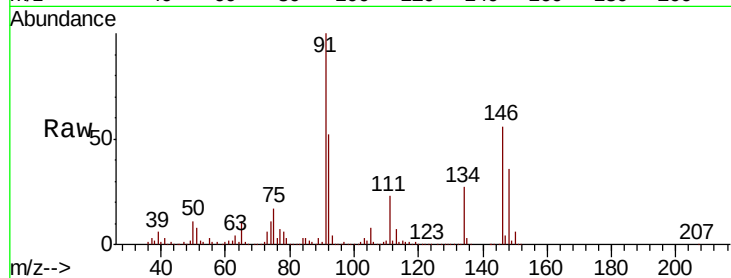




#91
 1,2-Dichlorobenzene
 Concen: 49.482 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

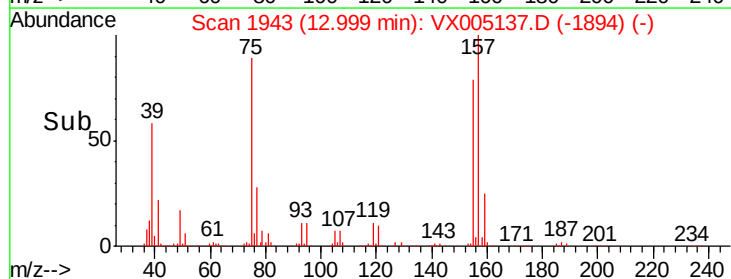
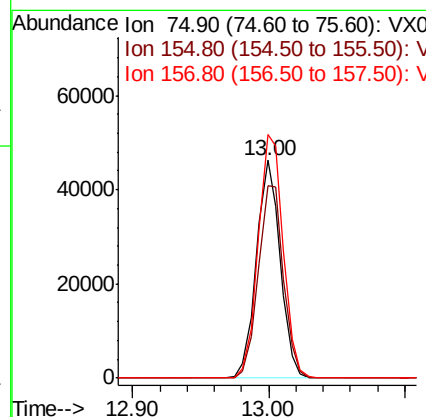
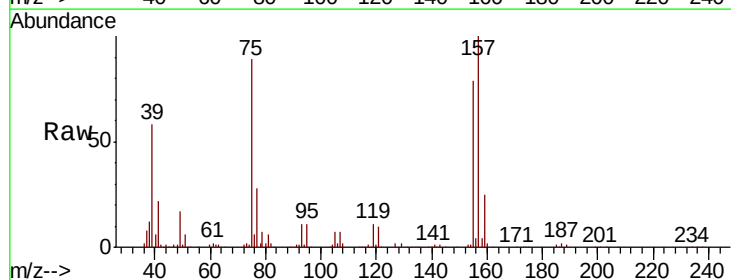
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

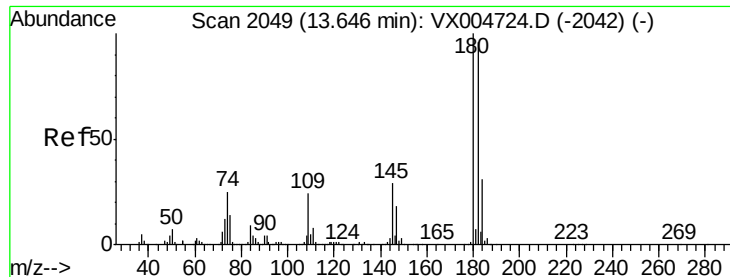
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.4	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.382 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.1	138.3
157	117.2	60.2	180.6

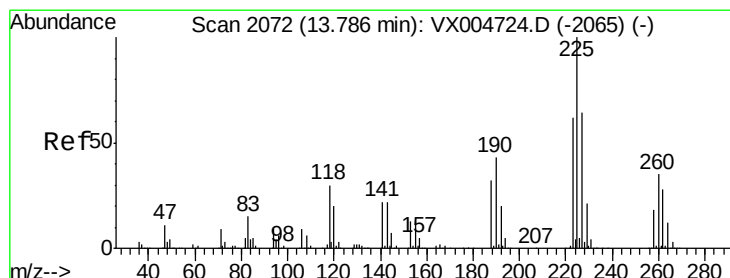
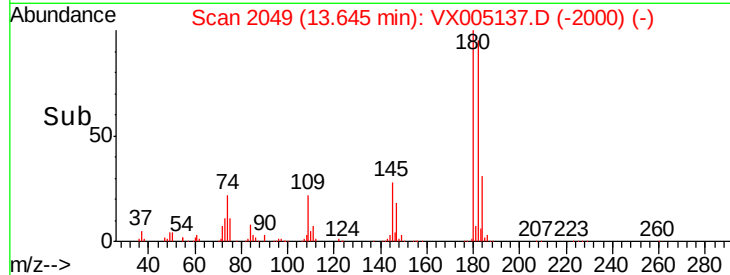
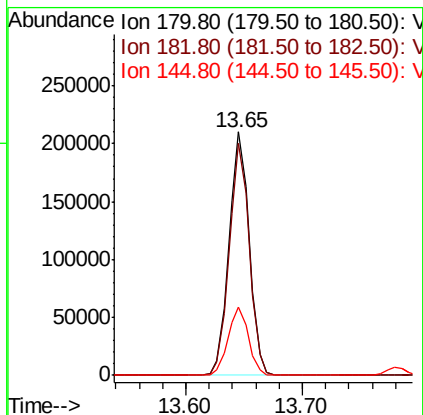
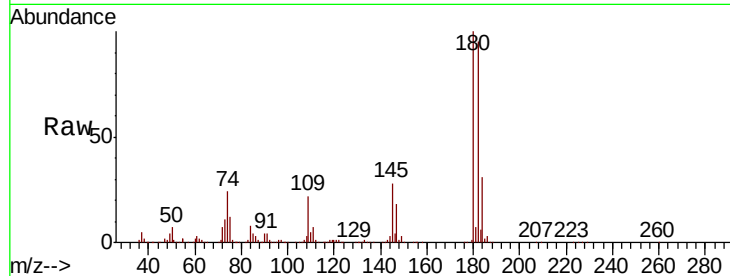




#93
 1,2,4-Trichlorobenzene
 Concen: 54.029 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

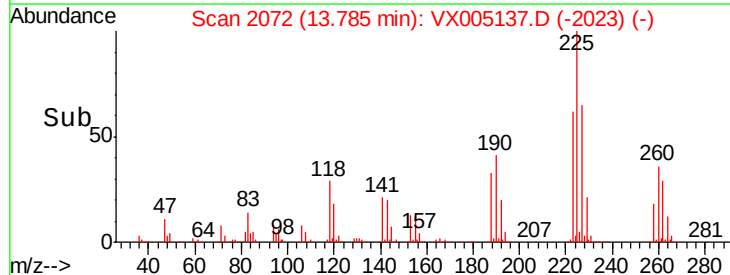
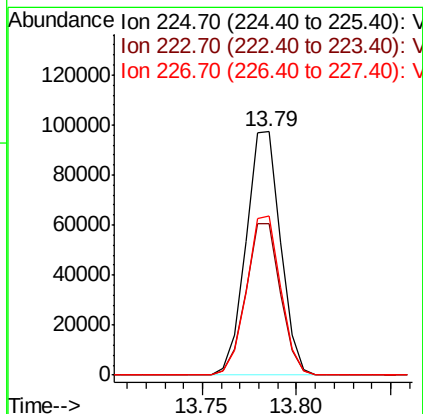
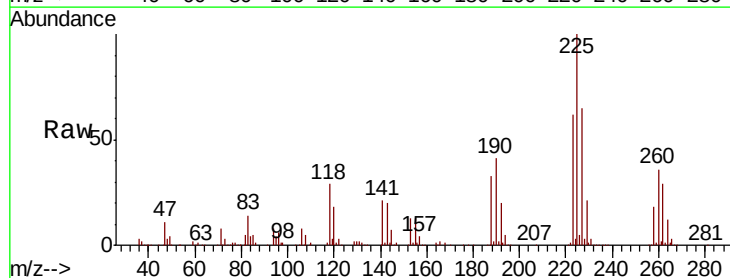
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

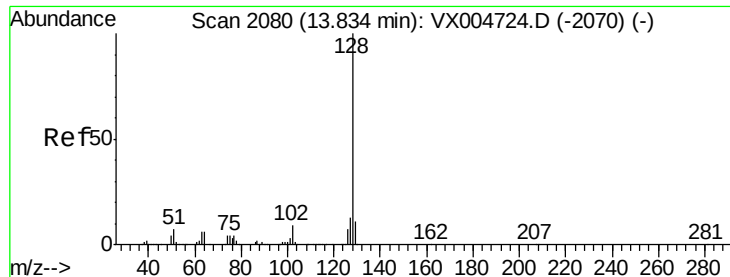
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 51.122 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	64.6	31.9	95.5





#95

Naphthalene

Concen: 52.014 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

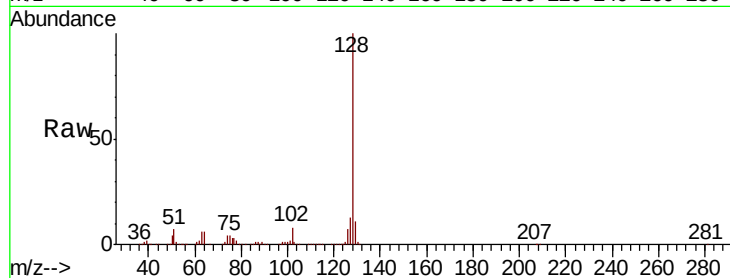
Tot Ion:128 Resp: 805087

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

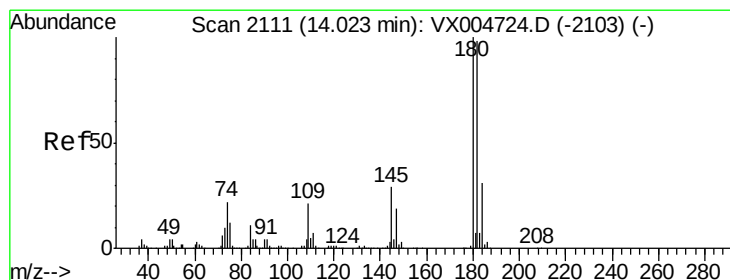
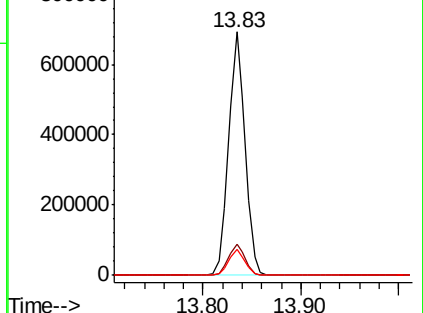
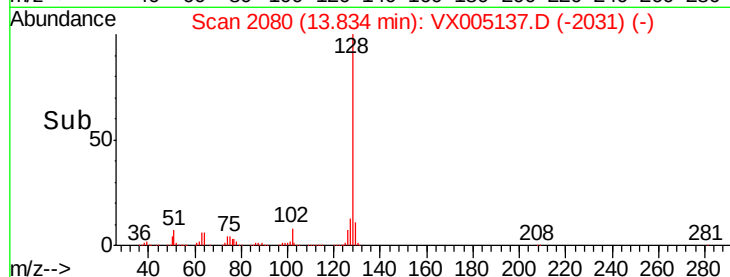
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.841 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

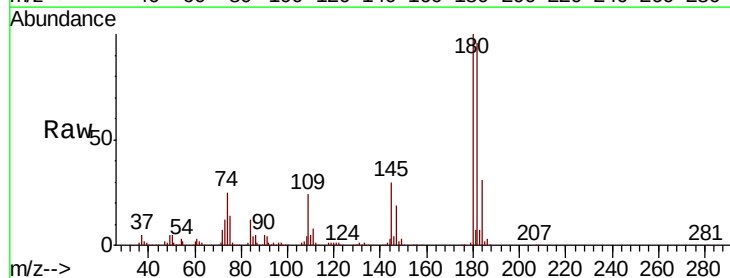
Tgt Ion:180 Resp: 259225

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 29.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

