

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008736.D
 Acq On : 08 Apr 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 09 06:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	327962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	145897	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	109250	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	8.71	98	436067	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.13	95	157091	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	106872	45.646	ug/l	99
3) Chloromethane	1.32	50	141042	49.124	ug/l	99
4) Vinyl Chloride	1.40	62	143294	45.274	ug/l	100
5) Bromomethane	1.64	94	75470	48.465	ug/l	99
6) Chloroethane	1.71	64	85845	49.642	ug/l	99
7) Trichlorofluoromethane	1.92	101	169500	48.446	ug/l	99
8) Diethyl Ether	2.18	74	79006	47.618	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106095	47.099	ug/l	96
10) Methyl Iodide	2.51	142	101889	49.691	ug/l	100
11) Tert butyl alcohol	3.06	59	164458	236.782	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105347	44.800	ug/l	100
13) Acrolein	2.29	56	134448	390.388	ug/l	99
14) Allyl chloride	2.72	41	259383	48.184	ug/l	99
15) Acrylonitrile	3.14	53	430872	234.170	ug/l	100
16) Acetone	2.45	43	430026	251.659	ug/l	98
17) Carbon Disulfide	2.56	76	321658	47.329	ug/l	99
18) Methyl Acetate	2.77	43	194691	46.979	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	419260	49.925	ug/l	98
20) Methylene Chloride	2.85	84	129476	45.267	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118730	46.679	ug/l	94
22) Diisopropyl ether	3.85	45	502086	48.391	ug/l	98
23) Vinyl Acetate	3.81	43	2240880	248.266	ug/l	100
24) 1,1-Dichloroethane	3.69	63	246948	48.072	ug/l	99
25) 2-Butanone	4.67	43	664565	246.067	ug/l	100
26) 2,2-Dichloropropane	4.58	77	188904	52.210	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	139048	47.548	ug/l	98
28) Bromochloromethane	5.01	49	122111	57.350	ug/l	99
29) Tetrahydrofuran	5.13	42	420817	234.759	ug/l	100
30) Chloroform	5.21	83	223570	48.726	ug/l	99
31) Cyclohexane	5.57	56	245176	47.831	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	185910	50.141	ug/l	99
36) 1,1-Dichloropropene	5.79	75	177733	49.577	ug/l	99
37) Ethyl Acetate	4.83	43	243907	50.972	ug/l	100
38) Carbon Tetrachloride	5.78	117	158214	53.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227152	51.292	ug/l	99
40) Benzene	6.14	78	532924	49.899	ug/l	99
41) Methacrylonitrile	5.04	41	136104	49.482	ug/l	99
42) 1,2-Dichloroethane	6.19	62	188063	49.118	ug/l	100
43) Isopropyl Acetate	6.44	43	390005	52.029	ug/l	100
44) Trichloroethene	7.21	130	127862	51.403	ug/l	99
45) 1,2-Dichloropropane	7.51	63	152585	50.055	ug/l	100
46) Dibromomethane	7.66	93	86775	49.081	ug/l	99
47) Bromodichloromethane	7.90	83	176864	53.056	ug/l	98
48) Methyl methacrylate	7.77	41	196298	51.769	ug/l	99
49) 1,4-Dioxane	7.74	88	66093	930.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1226734	254.223	ug/l	100
52) Toluene	8.78	92	322466	51.214	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208014	55.706	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229116	53.698	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129085	51.074	ug/l	99
56) Ethyl methacrylate	9.18	69	241390	52.787	ug/l	99
57) 1,3-Dichloropropane	9.37	76	231514	51.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	664447	284.557	ug/l	99
59) 2-Hexanone	9.49	43	941948	251.181	ug/l	100
60) Dibromochloromethane	9.58	129	131780	55.332	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133240	50.639	ug/l	98
64) Tetrachloroethene	9.33	164	111790	53.008	ug/l	98
65) Chlorobenzene	10.13	112	328156	52.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	120217	54.309	ug/l	99
67) Ethyl Benzene	10.25	91	620532	52.741	ug/l	99
68) m/p-Xylenes	10.36	106	453327	107.161	ug/l	98
69) o-Xylene	10.69	106	217045	52.942	ug/l	98
70) Styrene	10.71	104	383334	54.244	ug/l	99
71) Bromoform	10.85	173	95555	56.521	ug/l #	100
73) Isopropylbenzene	11.02	105	587877	52.668	ug/l	100
74) N-amyl acetate	10.90	43	332170	50.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	204405	48.151	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	250294	67.647	ug/l	80
77) Bromobenzene	11.26	156	139417	51.957	ug/l	98
78) n-propylbenzene	11.36	91	691858	53.234	ug/l	100
79) 2-Chlorotoluene	11.42	91	398810	50.707	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	496389	52.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75530	56.271	ug/l	97
82) 4-Chlorotoluene	11.51	91	467992	51.405	ug/l	99
83) tert-Butylbenzene	11.77	119	482083	53.481	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	499011	52.598	ug/l	100
85) sec-Butylbenzene	11.94	105	575301	53.730	ug/l	99
86) p-Isopropyltoluene	12.06	119	521432	54.258	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	246137	51.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245811	50.533	ug/l	99
89) n-Butylbenzene	12.38	91	498780	55.343	ug/l	99
90) Hexachloroethane	12.60	117	90554	56.811	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	241794	50.695	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46137	49.406	ug/l	100

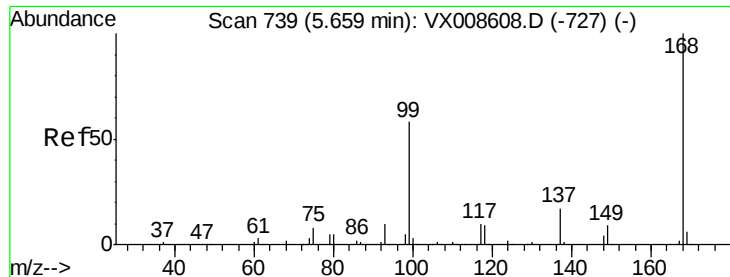
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174830	52.720	ug/l	99
94) Hexachlorobutadiene	13.78	225	88662	55.748	ug/l	99
95) Naphthalene	13.83	128	570449	51.468	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173405	52.335	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

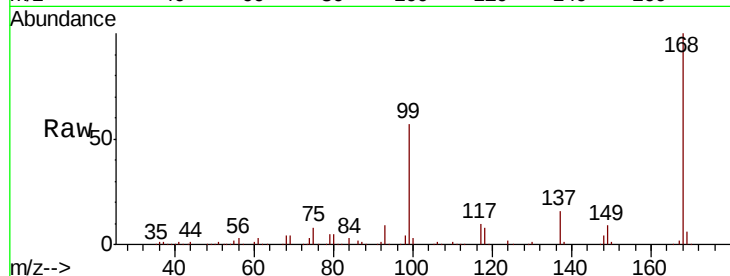
VSTDCCC050

Tot Ion:168 Resp: 203403

Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

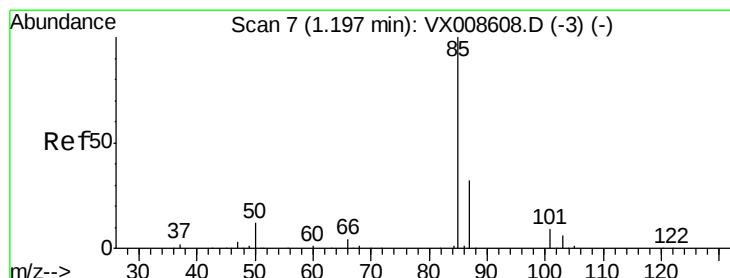
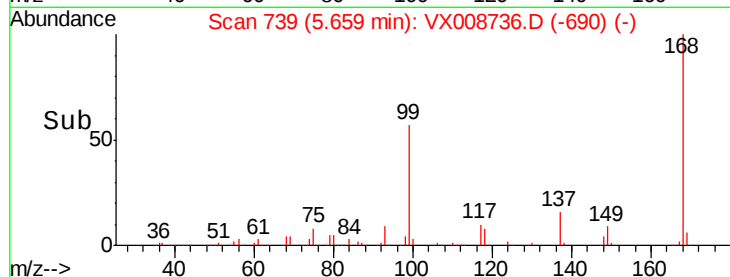
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.646 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008736.D

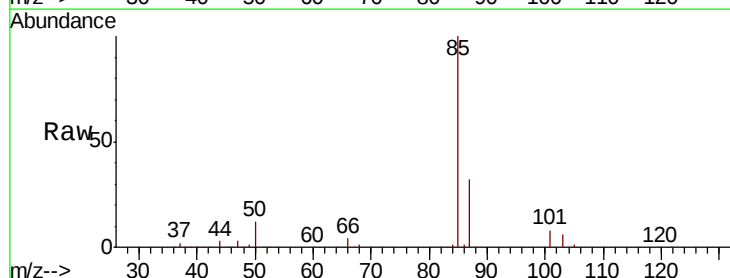
Acq: 08 Apr 2019 10:27

Tgt Ion: 85 Resp: 106872

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

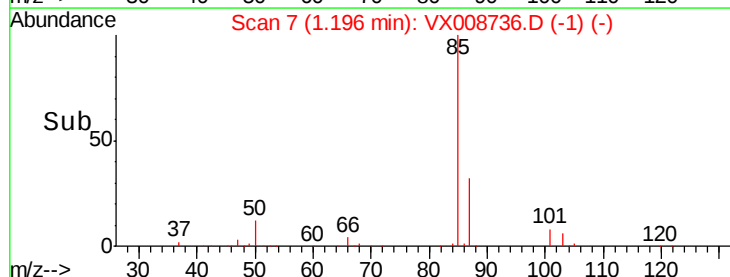
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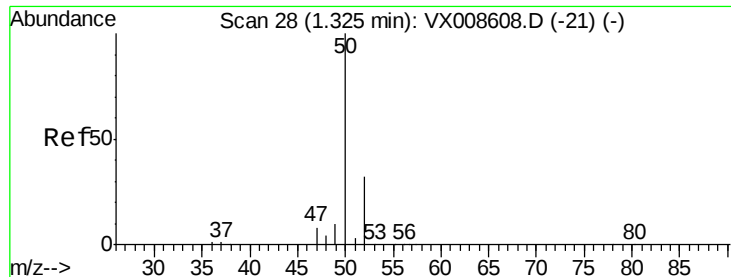
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.124 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

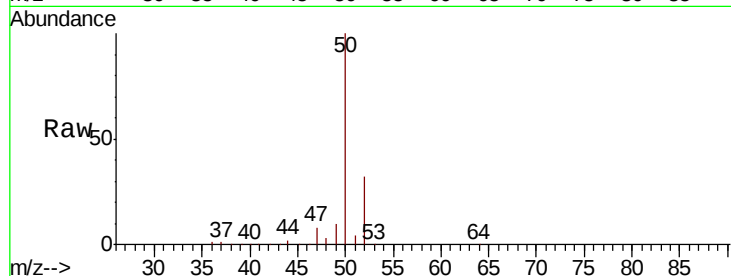
VSTDCCC050

Tot Ion: 50 Resp: 141042

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

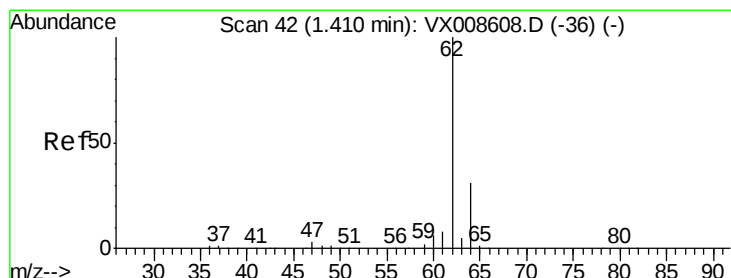
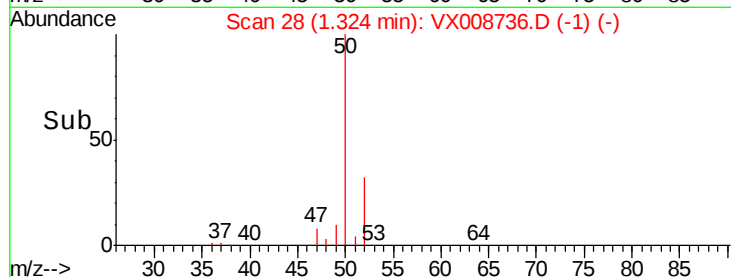
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.274 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008736.D

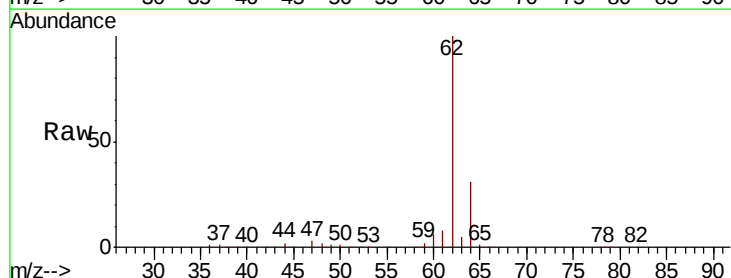
Acq: 08 Apr 2019 10:27

Tgt Ion: 62 Resp: 143294

Ion Ratio Lower Upper

62 100

64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

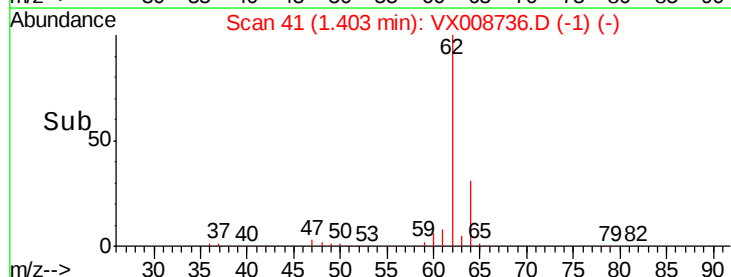
1.40

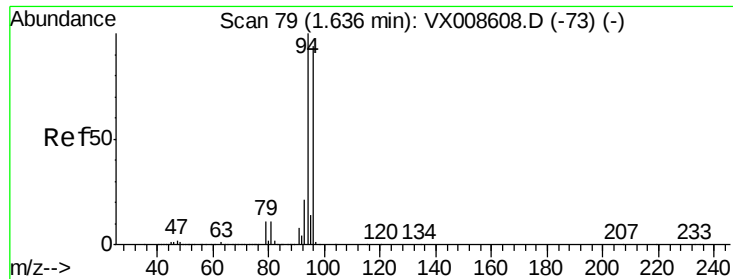
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.465 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

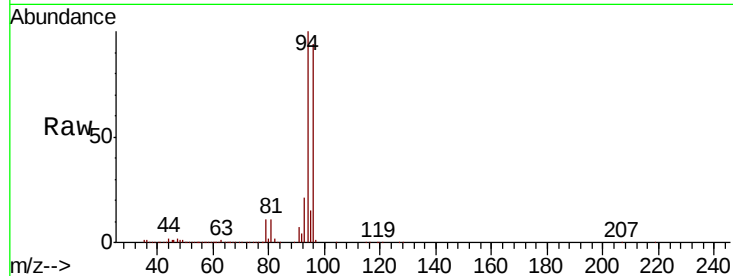
VSTDCCC050

Tot Ion: 94 Resp: 75470

Ion Ratio Lower Upper

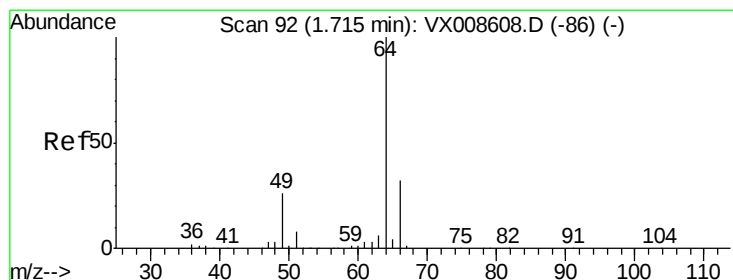
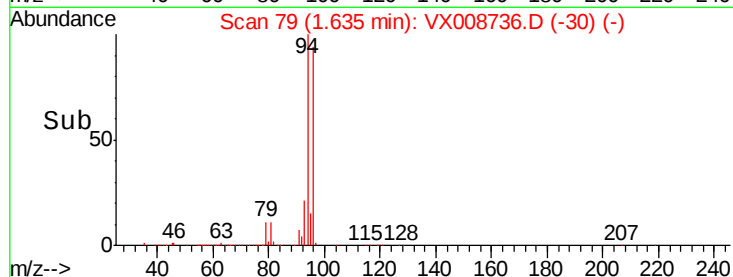
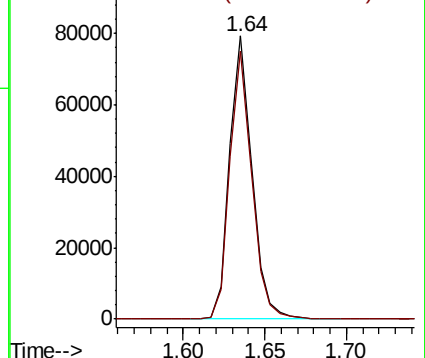
94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.642 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008736.D

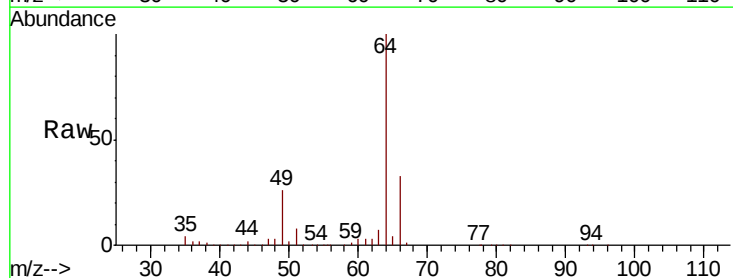
Acq: 08 Apr 2019 10:27

Tgt Ion: 64 Resp: 85845

Ion Ratio Lower Upper

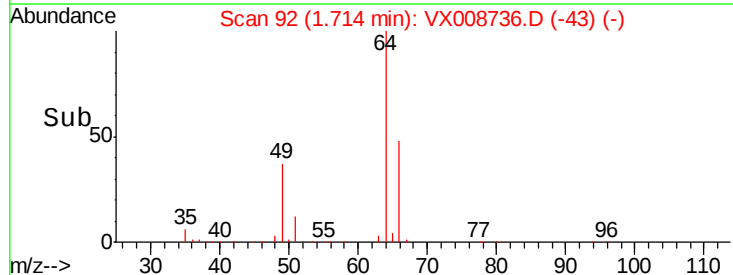
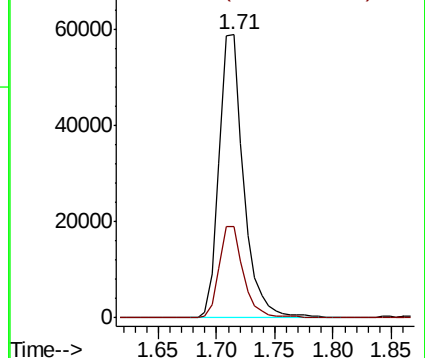
64 100

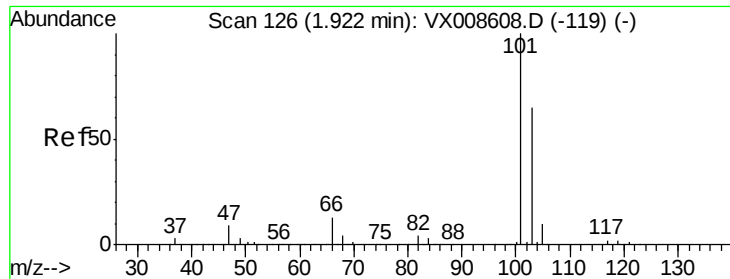
66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



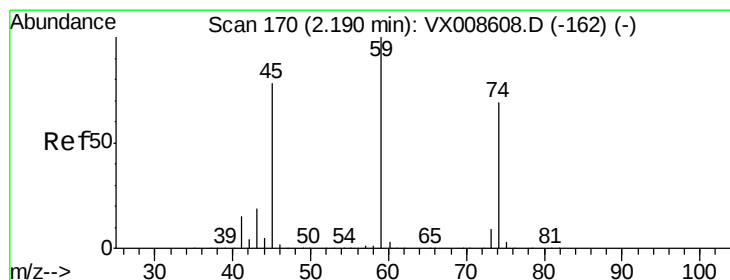
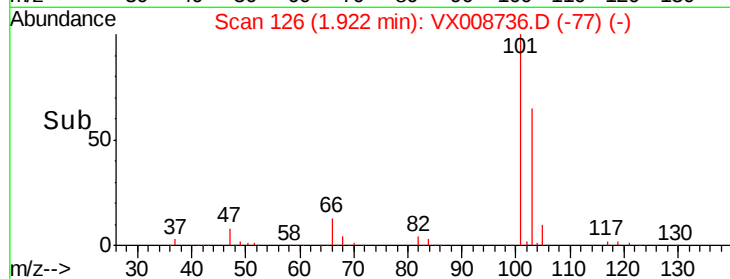
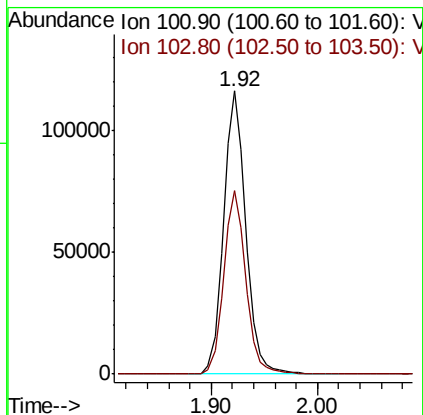
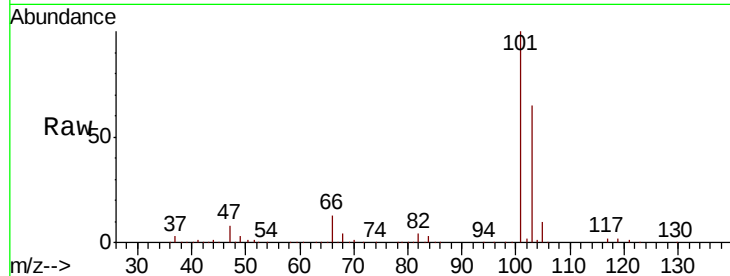


#7

Trichlorofluoromethane
 Concen: 48.446 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

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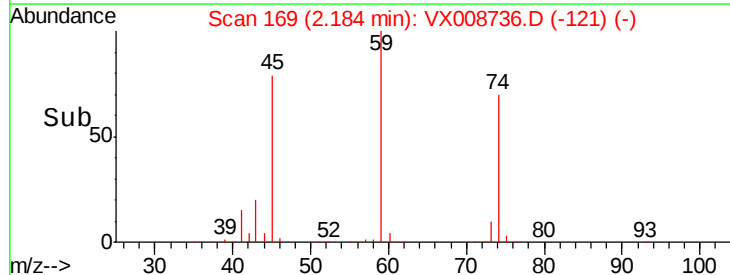
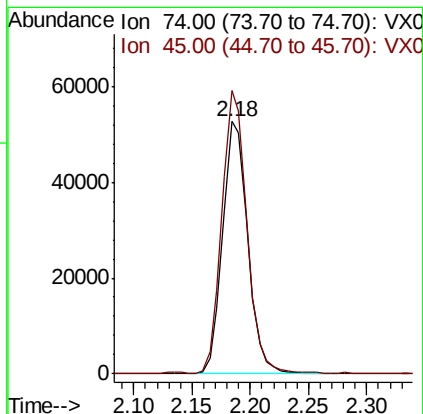
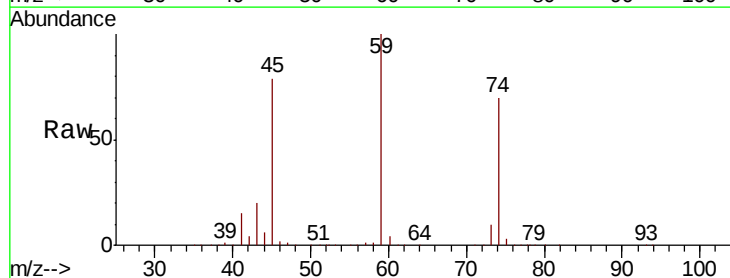
Tot Ion:101 Resp: 169500
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

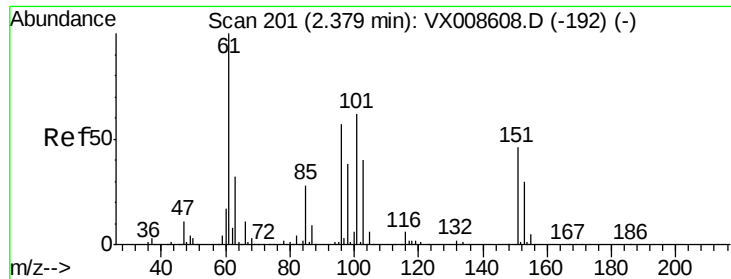


#8

Diethyl Ether
 Concen: 47.618 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion: 74 Resp: 79006
 Ion Ratio Lower Upper
 74 100
 45 110.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.099 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

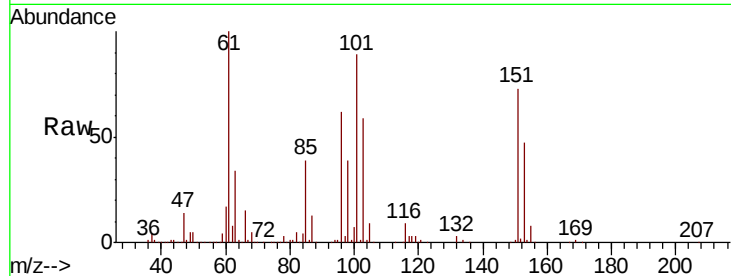
Tot Ion:101 Resp: 106095

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

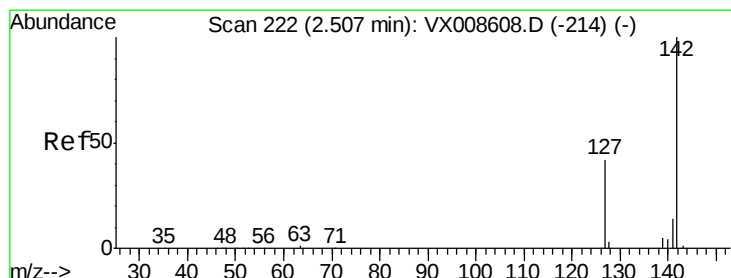
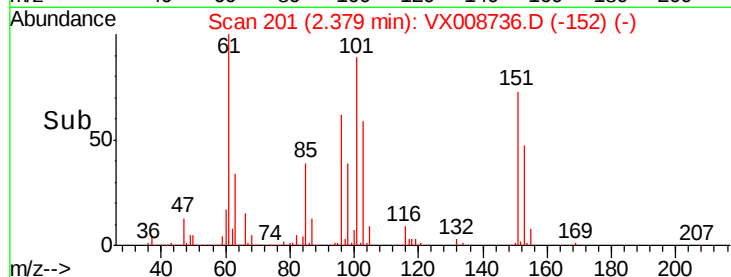
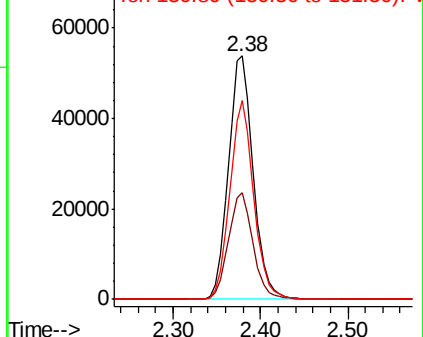
151 78.6 59.9 89.9



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: 49.691 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

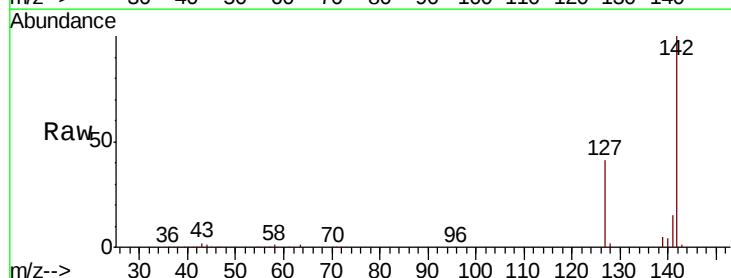
Tgt Ion:142 Resp: 101889

Ion Ratio Lower Upper

142 100

127 41.0 33.0 49.6

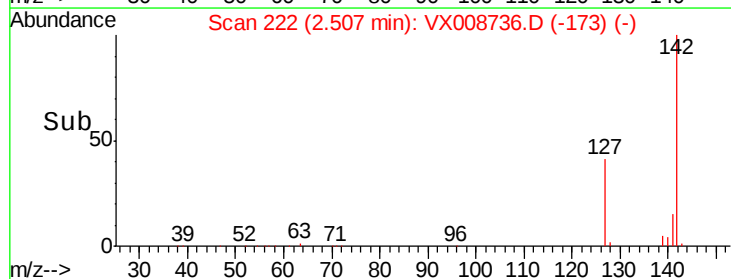
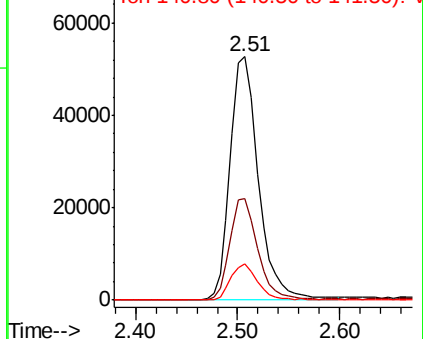
141 14.3 11.4 17.2

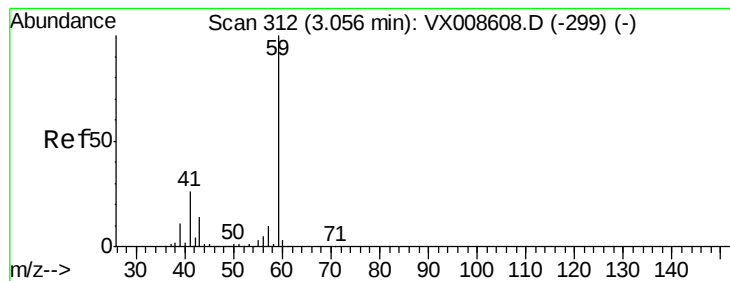


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



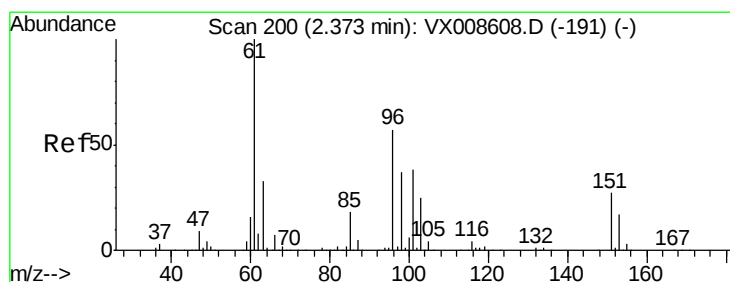
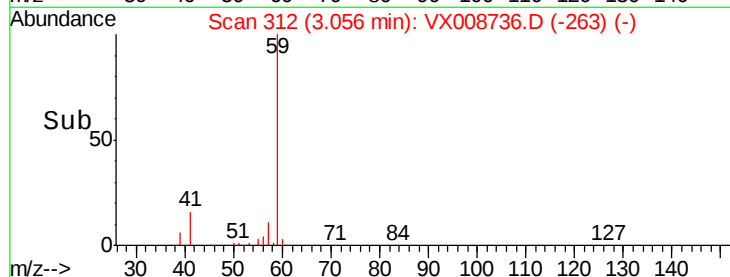
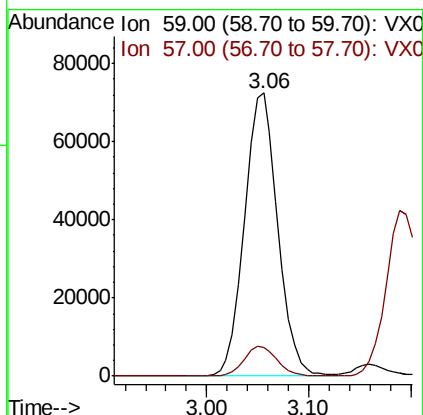
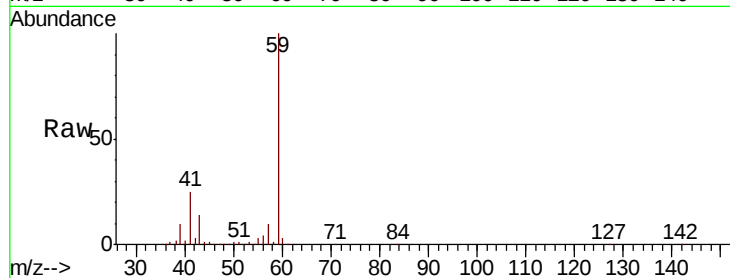


#11

Tert butyl alcohol
 Concen: 236.782 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

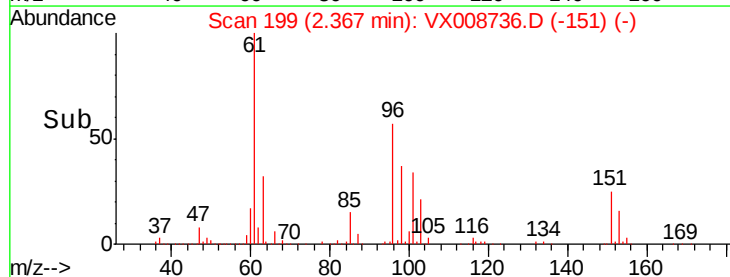
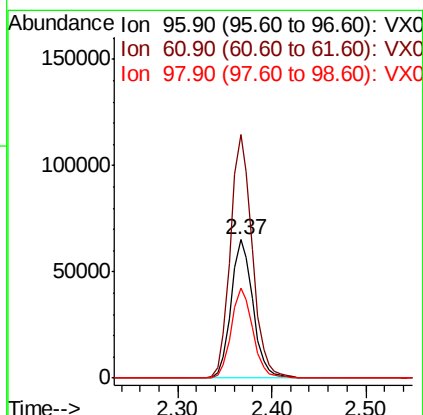
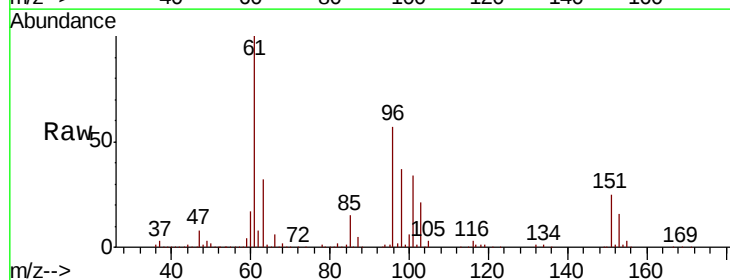
Tot Ion: 59 Resp: 164458
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

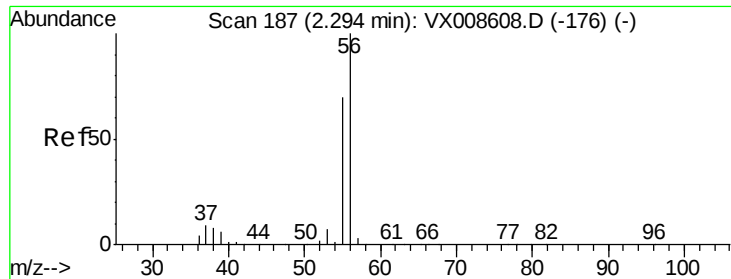


#12

1,1-Dichloroethene
 Concen: 44.800 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion: 96 Resp: 105347
 Ion Ratio Lower Upper
 96 100
 61 176.3 140.9 211.3
 98 65.1 52.1 78.1





#13

Acrolein

Concen: 390.388 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

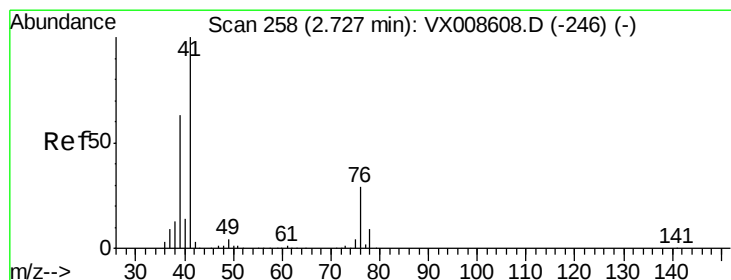
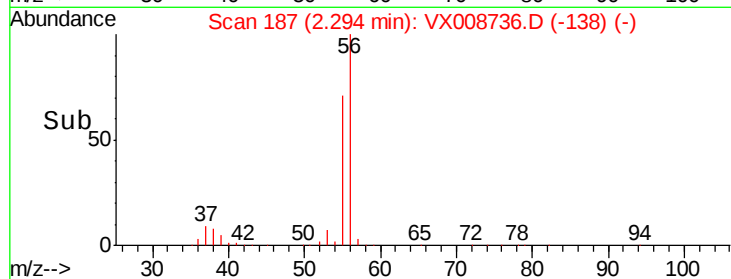
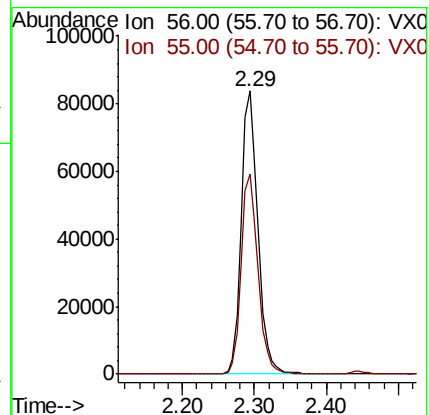
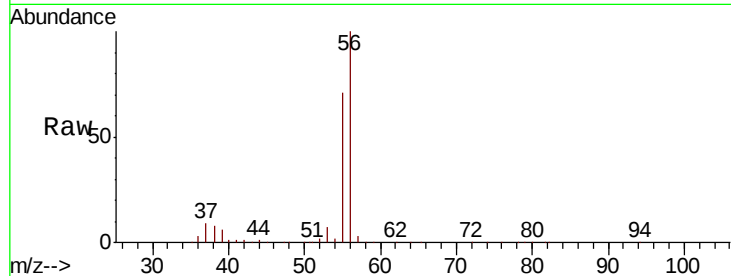
VSTDCCC050

Tot Ion: 56 Resp: 134448

Ion Ratio Lower Upper

56 100

55 71.7 58.0 87.0



#14

Allyl chloride

Concen: 48.184 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

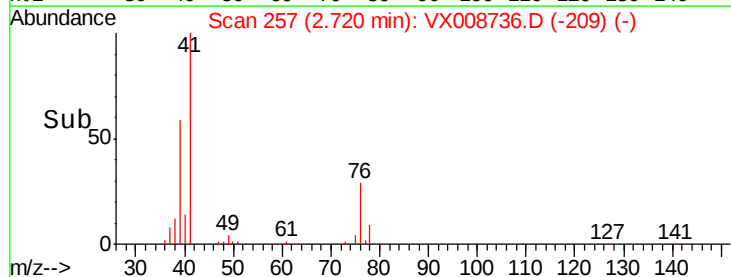
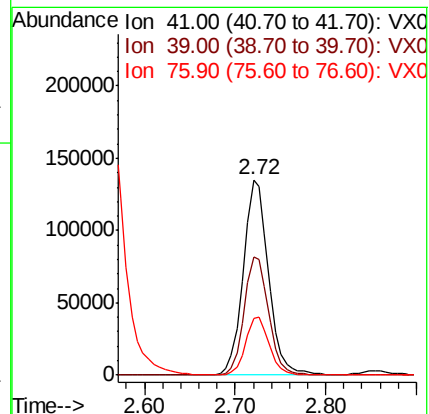
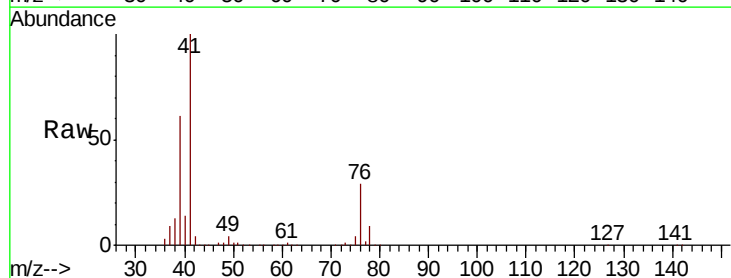
Tgt Ion: 41 Resp: 259383

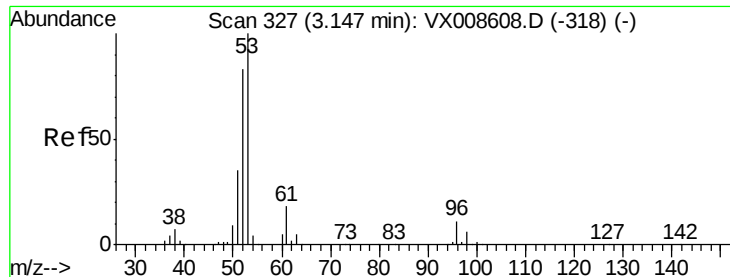
Ion Ratio Lower Upper

41 100

39 58.8 48.0 72.0

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 234.170 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

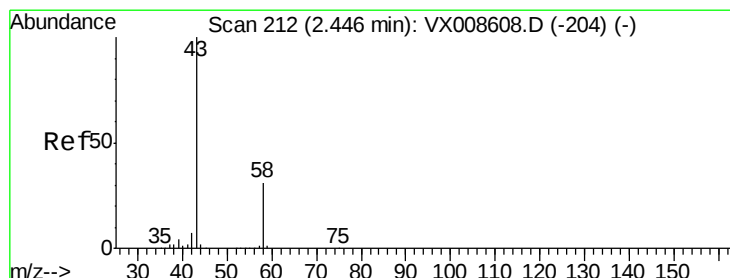
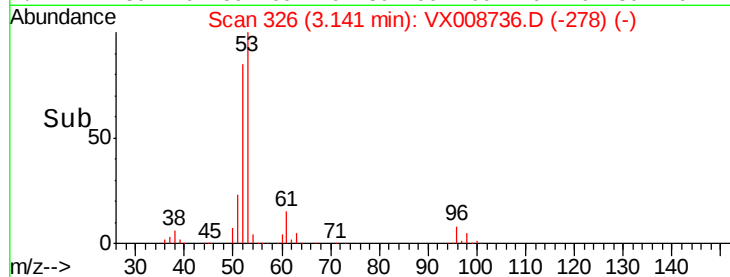
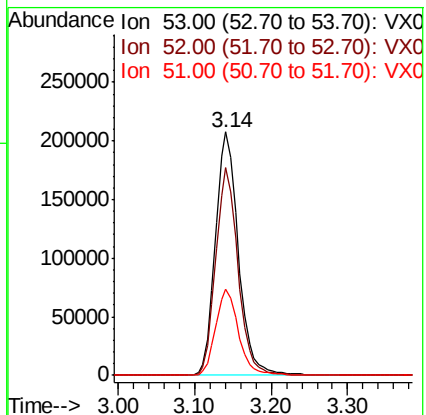
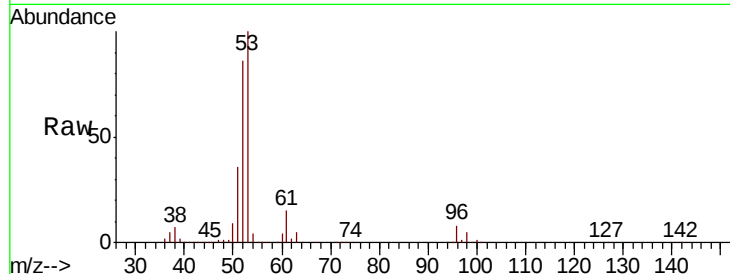
Tot Ion: 53 Resp: 430872

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.4 28.6 42.8



#16

Acetone

Concen: 251.659 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008736.D

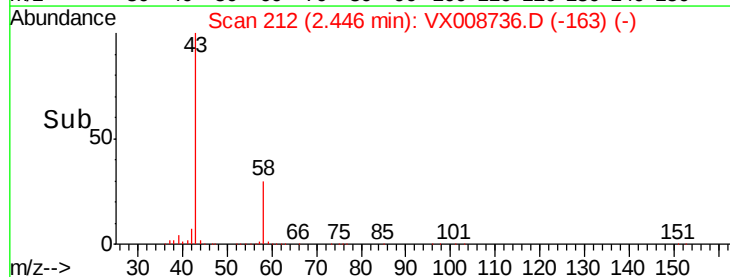
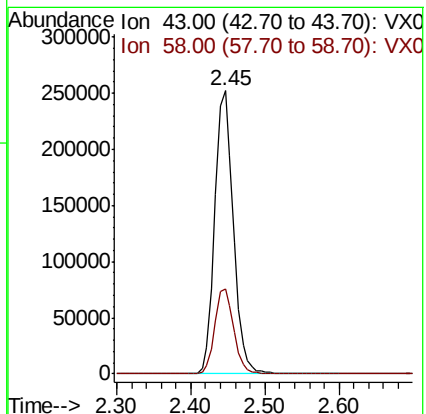
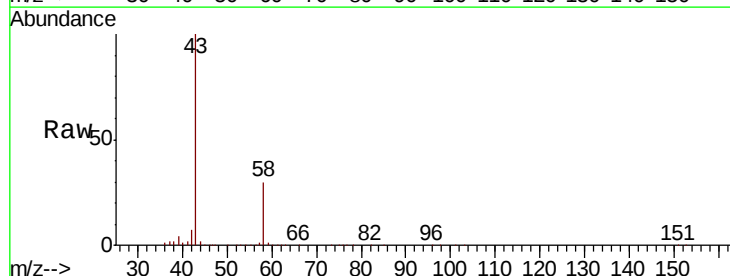
Acq: 08 Apr 2019 10:27

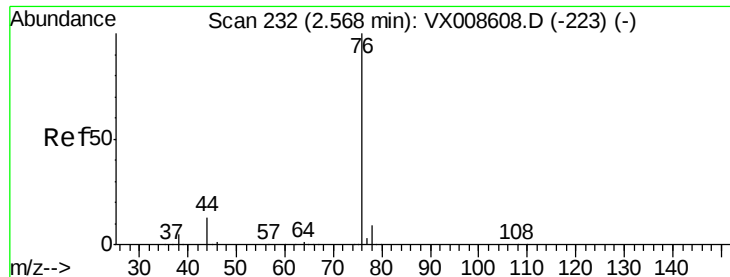
Tgt Ion: 43 Resp: 430026

Ion Ratio Lower Upper

43 100

58 30.1 24.8 37.2





#17

Carbon Disulfide

Concen: 47.329 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

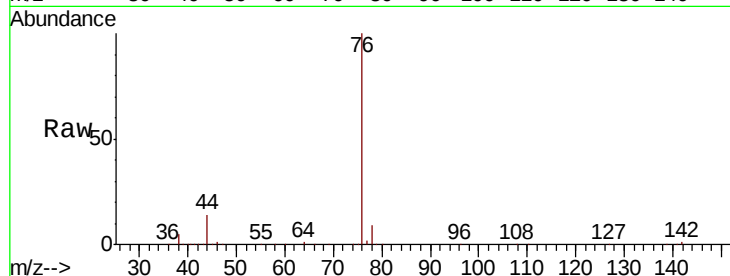
VSTDCCC050

Tot Ion: 76 Resp: 321658

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

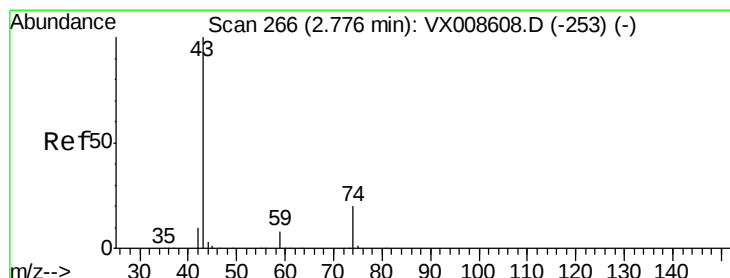
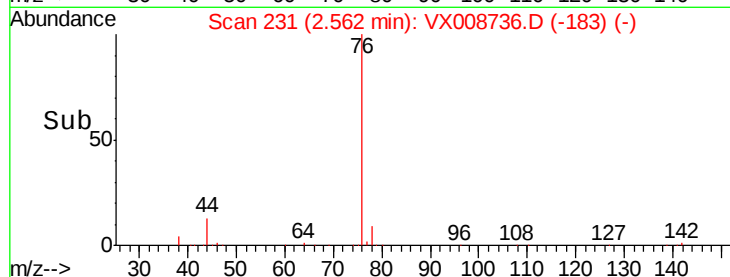
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 46.979 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008736.D

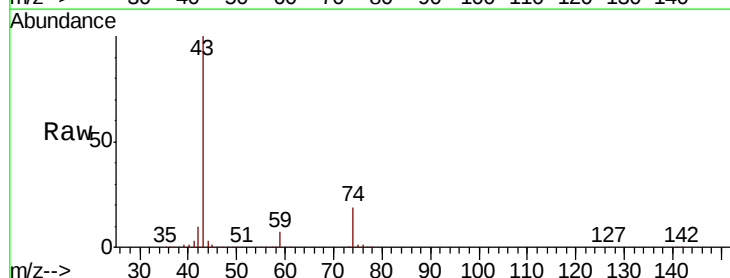
Acq: 08 Apr 2019 10:27

Tgt Ion: 43 Resp: 194691

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

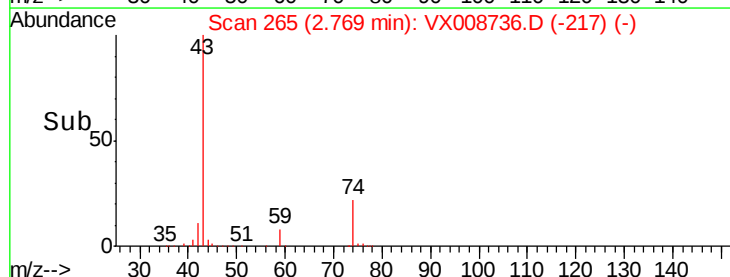
20000

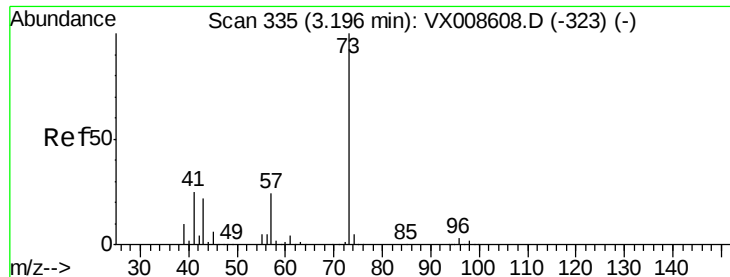
0

2.77

2.70 2.80

Time-->

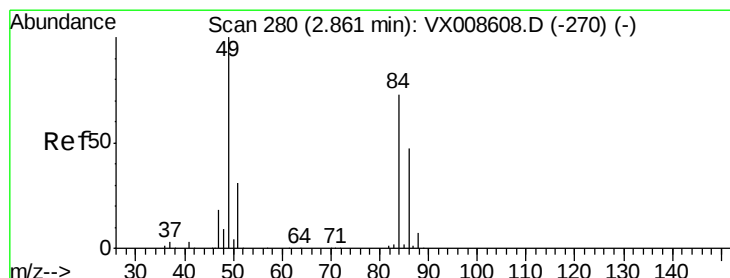
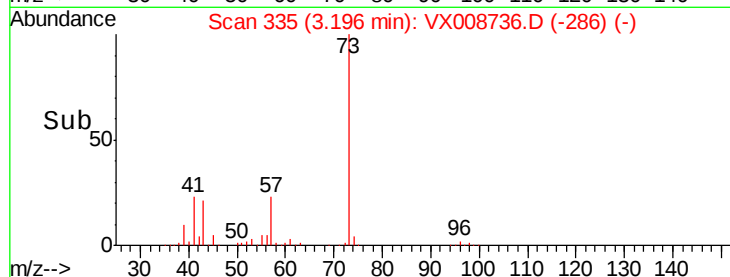
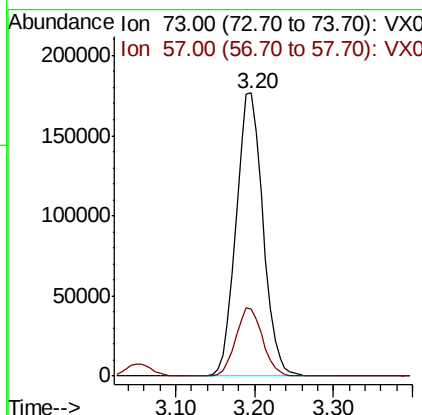
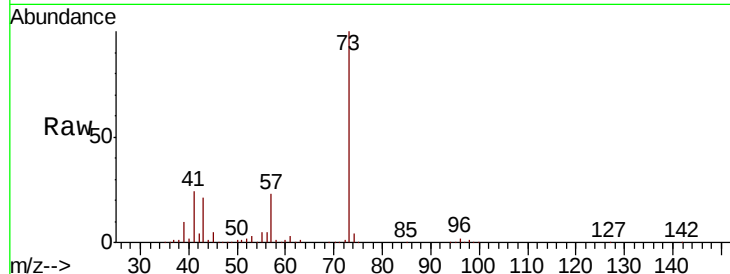




#19
Methvl tert-butvl Ether
Concen: 49.925 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

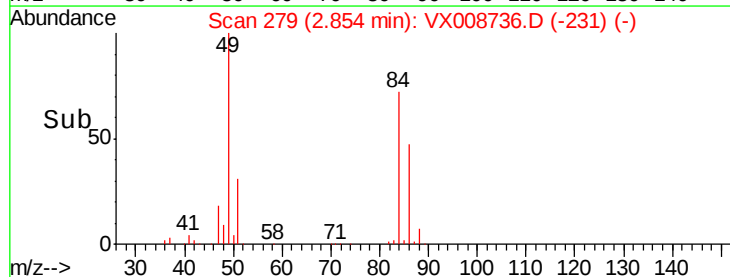
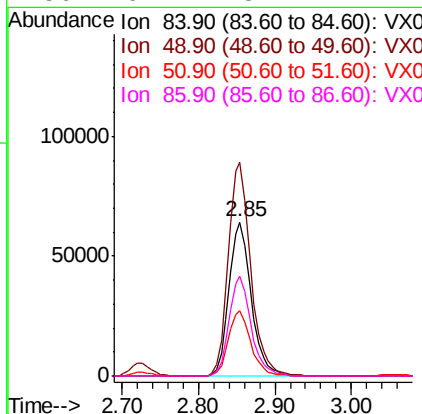
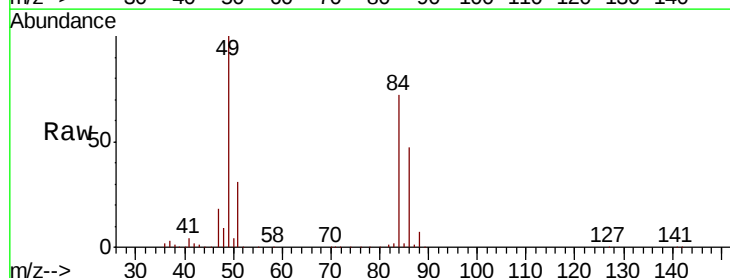
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

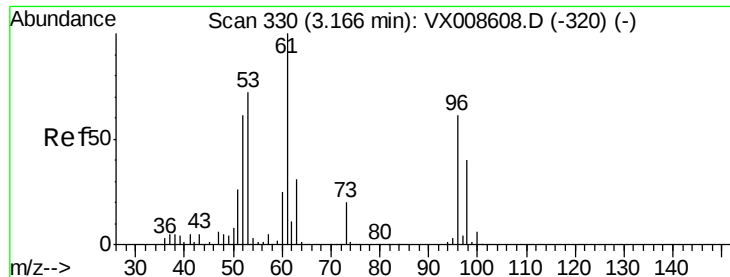
Tot Ion: 73 Resp: 419260
Ion Ratio Lower Upper
73 100
57 23.5 19.5 29.3



#20
Methylene Chloride
Concen: 45.267 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 84 Resp: 129476
Ion Ratio Lower Upper
84 100
49 138.4 109.7 164.5
51 42.4 33.6 50.4
86 64.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.679 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

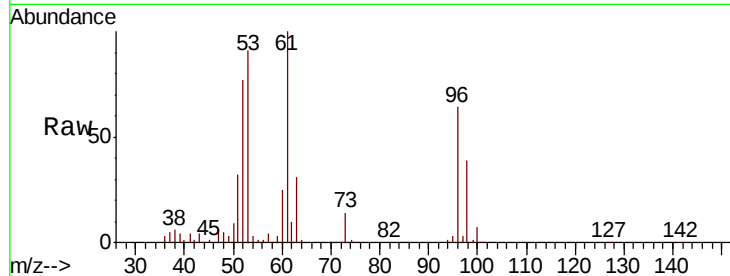
Tot Ion: 96 Resp: 118730

Ion Ratio Lower Upper

96 100

61 156.1 132.1 198.1

98 60.8 52.2 78.2

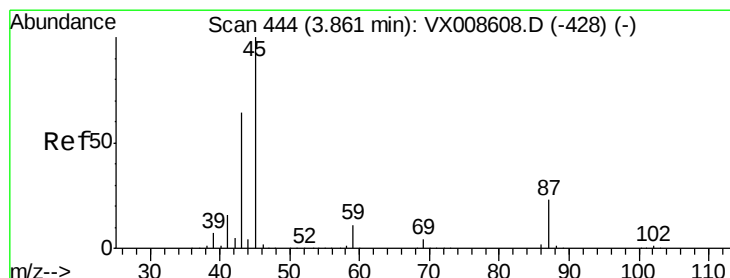
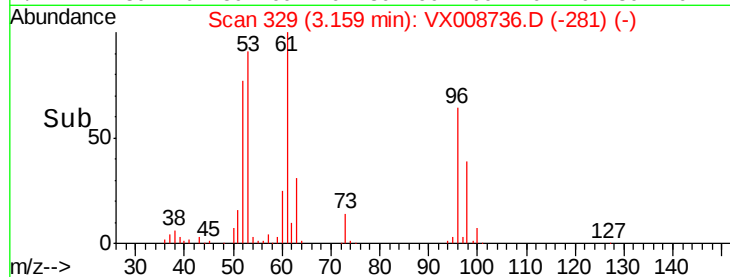
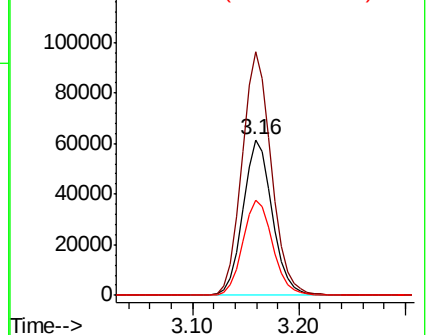


Abundance

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



#22

Diisopropyl ether

Concen: 48.391 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Tgt Ion: 45 Resp: 502086

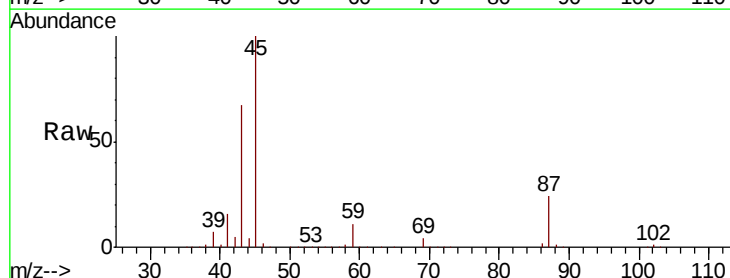
Ion Ratio Lower Upper

45 100

43 66.4 51.3 76.9

87 23.5 18.1 27.1

59 11.1 8.6 13.0



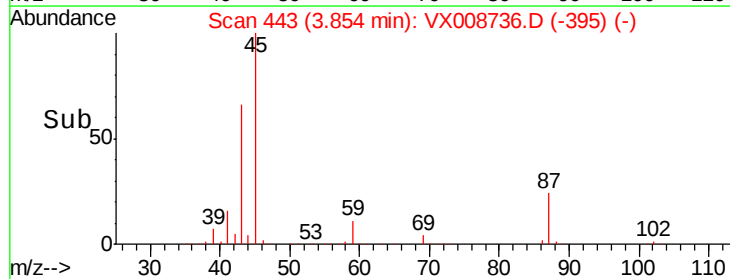
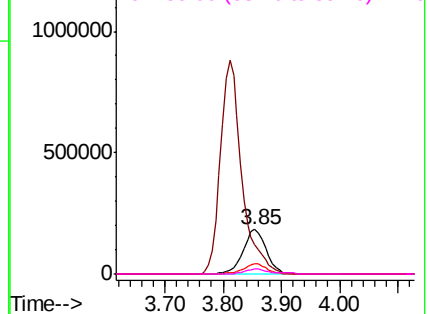
Abundance

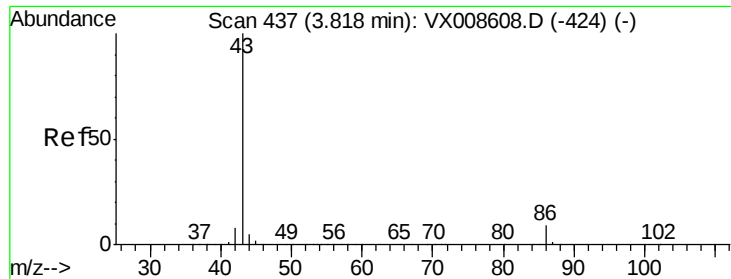
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.266 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

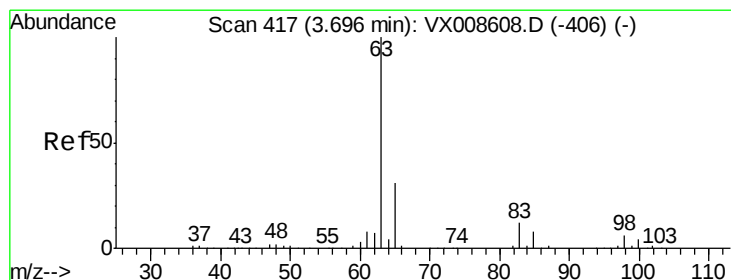
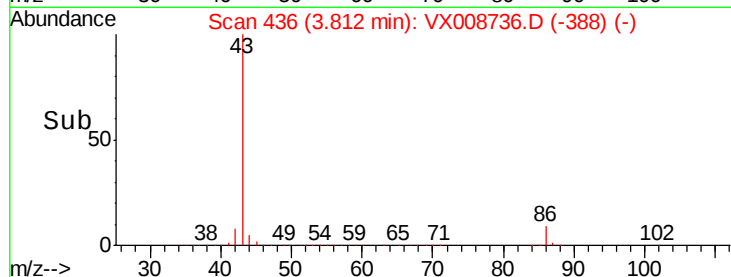
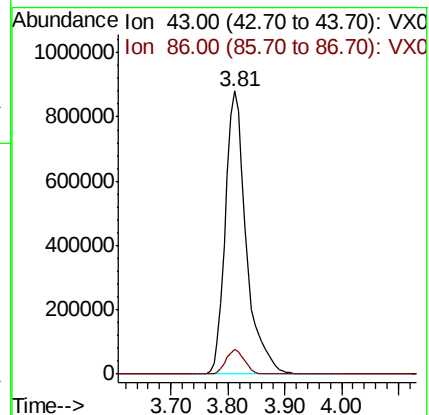
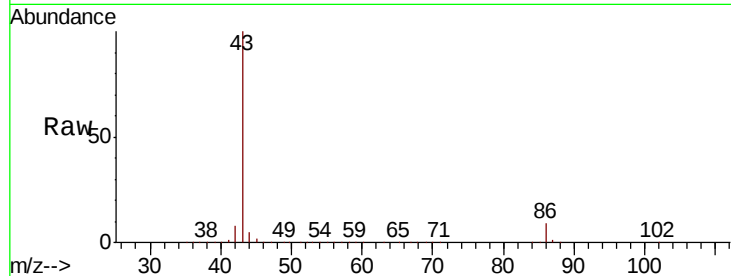
VSTDCCC050

Tot Ion: 43 Resp: 2240880

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



#24

1,1-Dichloroethane

Concen: 48.072 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

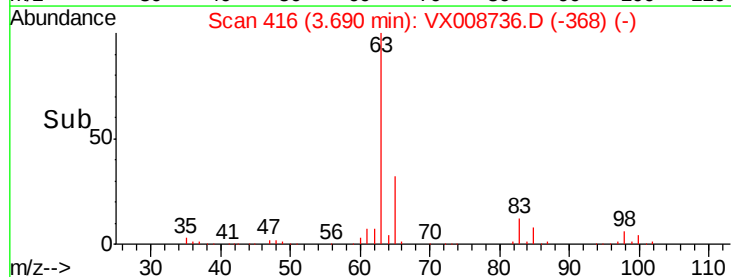
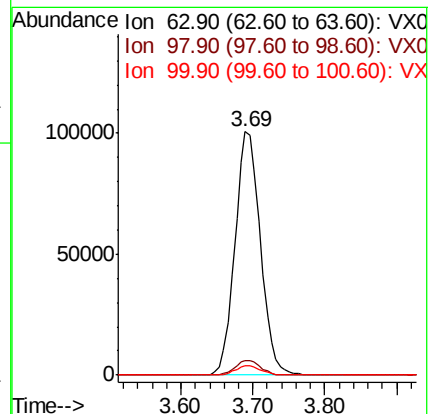
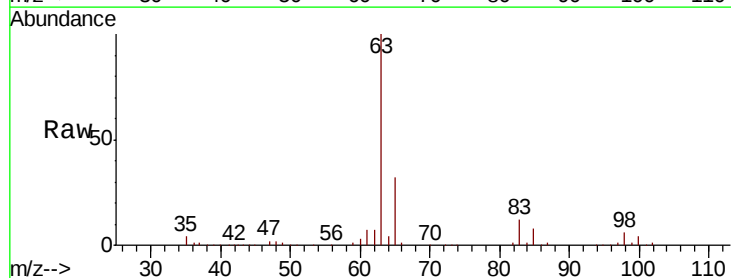
Tgt Ion: 63 Resp: 246948

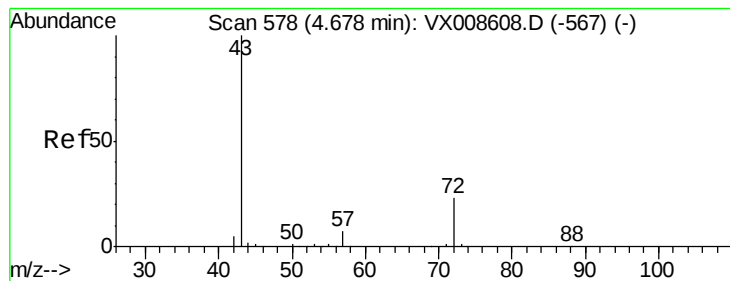
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 246.067 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

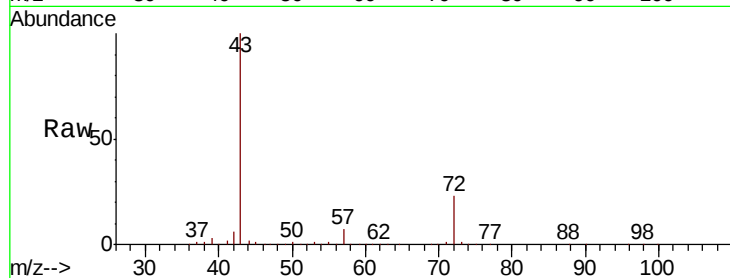
VSTDCCC050

Tot Ion: 43 Resp: 664565

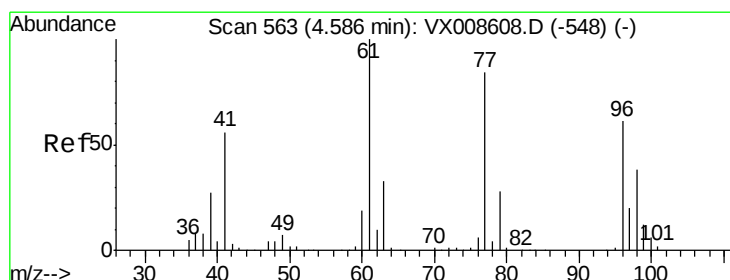
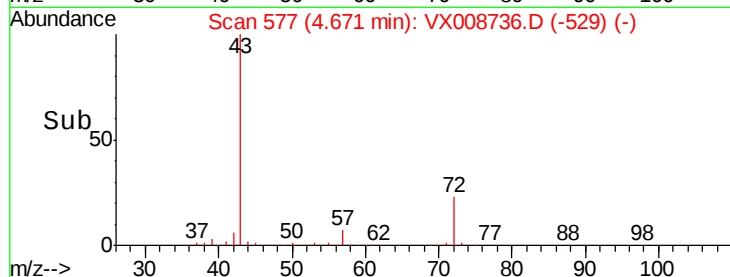
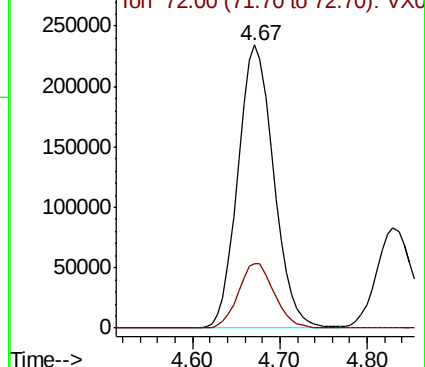
Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 52.210 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008736.D

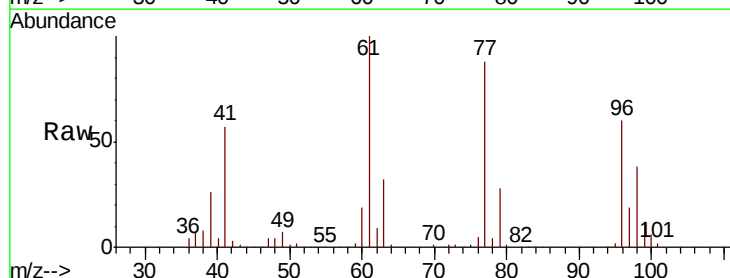
Acq: 08 Apr 2019 10:27

Tgt Ion: 77 Resp: 188904

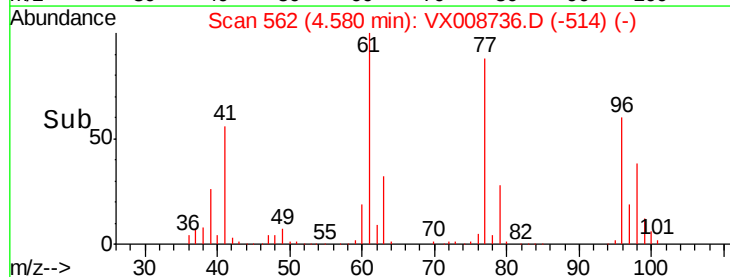
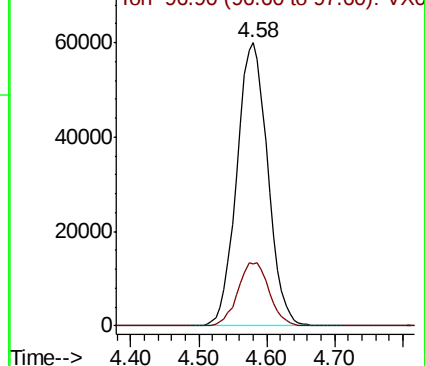
Ion Ratio Lower Upper

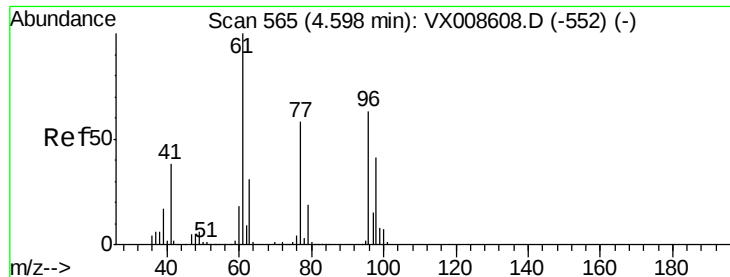
77 100

97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0



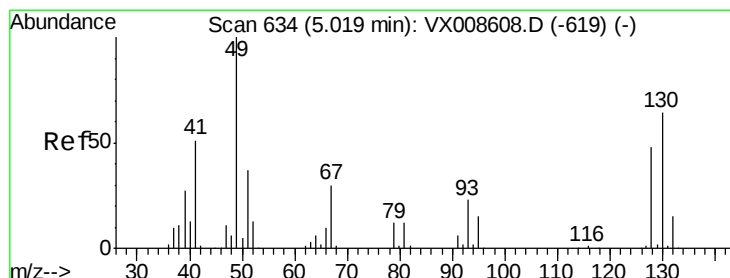
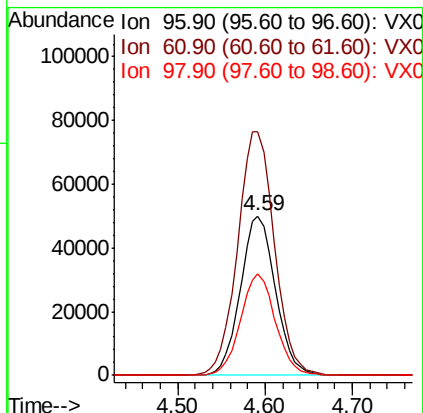
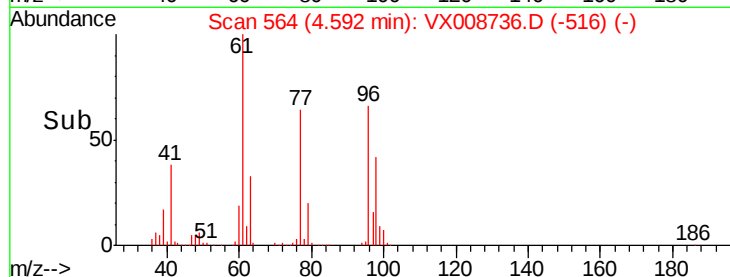
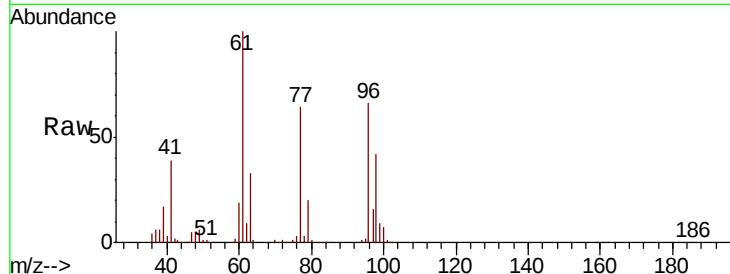


#27

cis-1,2-Dichloroethene
Concen: 47.548 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

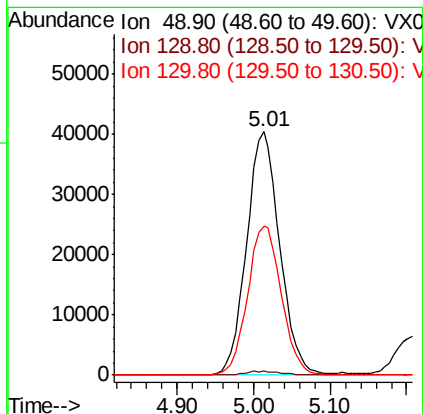
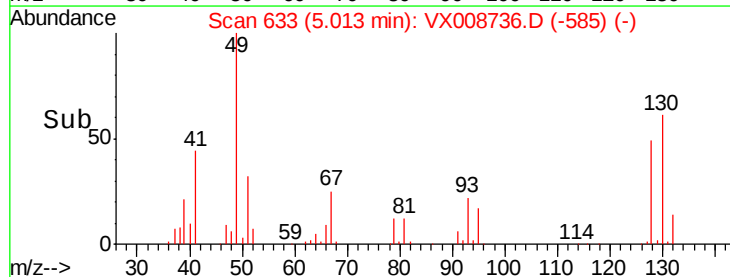
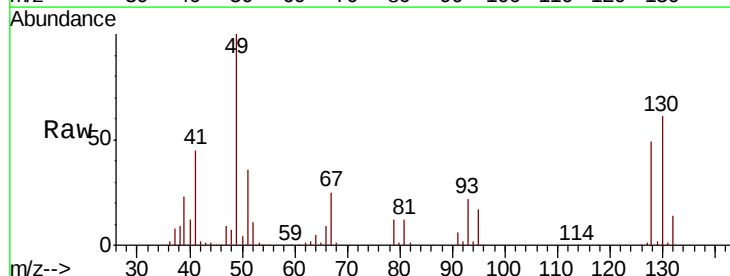
Tot Ion: 96 Resp: 139048
Ion Ratio Lower Upper
96 100
61 161.2 0.0 327.6
98 63.6 0.0 128.6

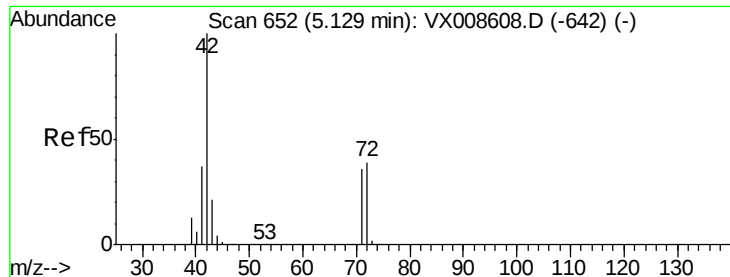


#28

Bromochloromethane
Concen: 57.350 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 49 Resp: 122111
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 62.3 49.3 73.9





#29

Tetrahydrofuran

Concen: 234.759 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

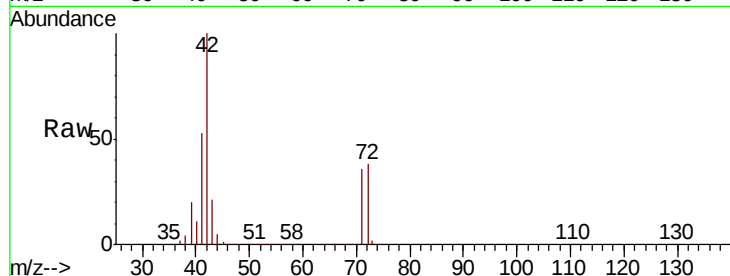
Tot Ion: 42 Resp: 420817

Ion Ratio Lower Upper

42 100

72 38.2 30.5 45.7

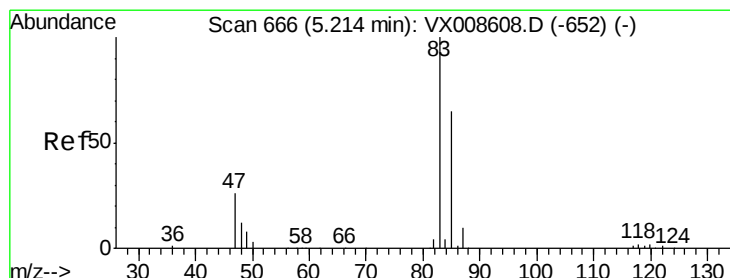
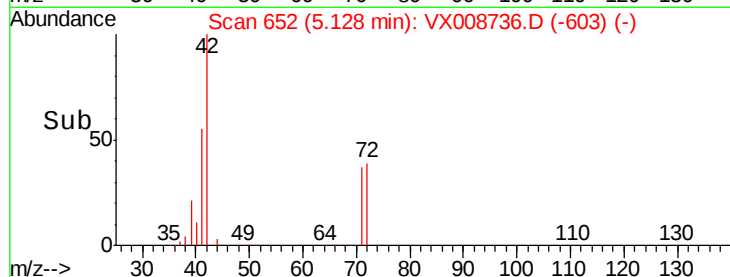
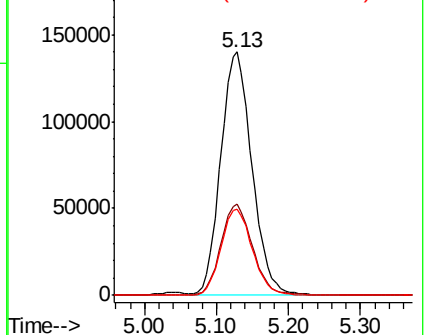
71 36.0 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.726 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008736.D

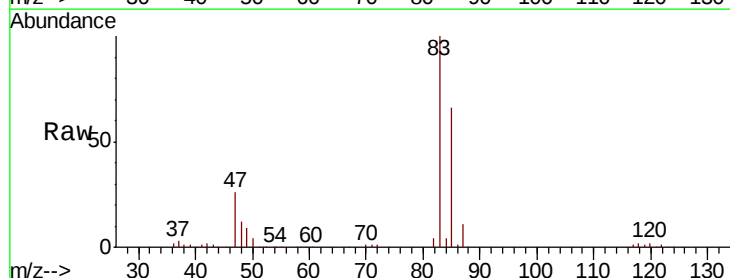
Acq: 08 Apr 2019 10:27

Tgt Ion: 83 Resp: 223570

Ion Ratio Lower Upper

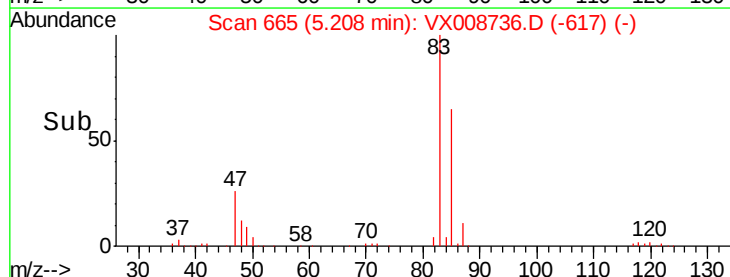
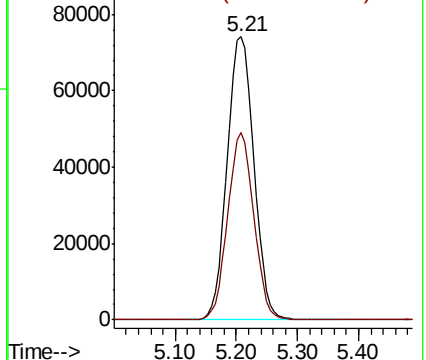
83 100

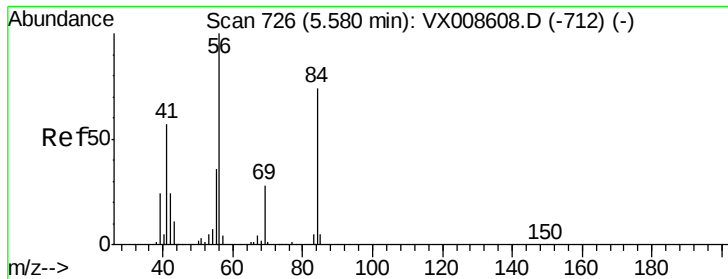
85 66.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

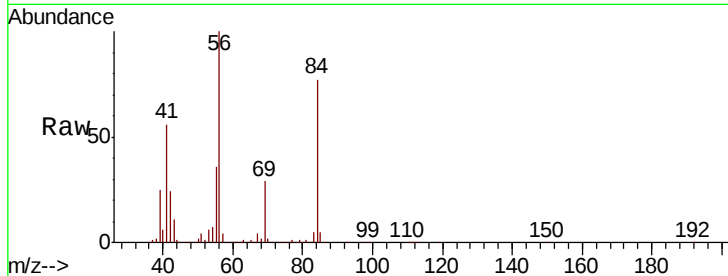




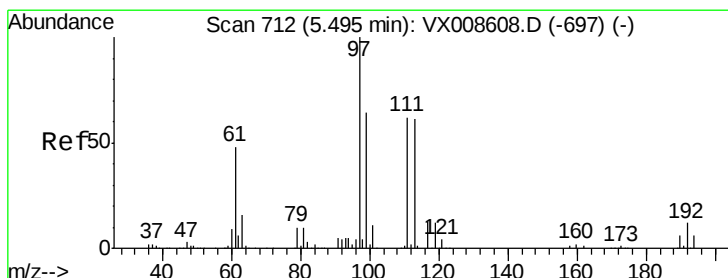
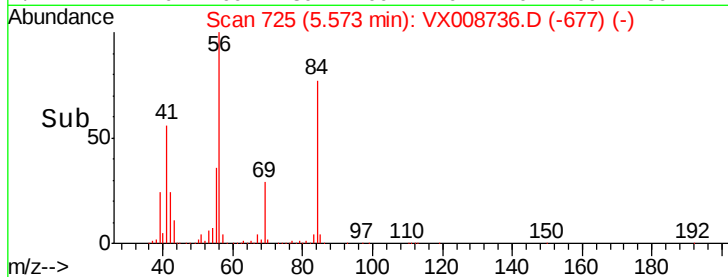
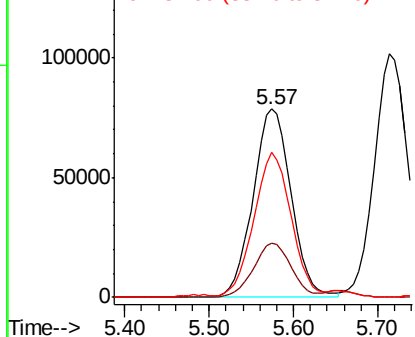
#31
Cyclohexane
Concen: 47.831 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 245176
Ion Ratio Lower Upper
56 100
69 28.9 22.6 33.8
84 75.8 59.3 88.9

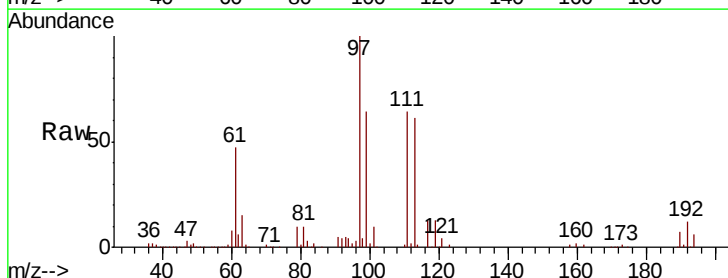


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

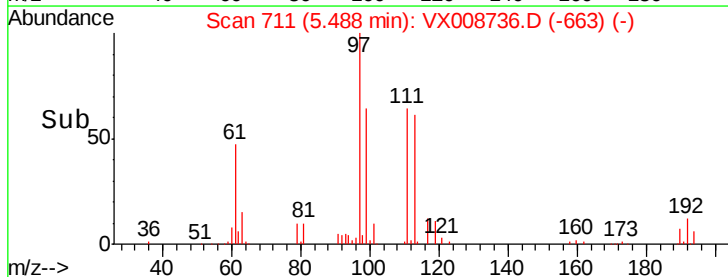
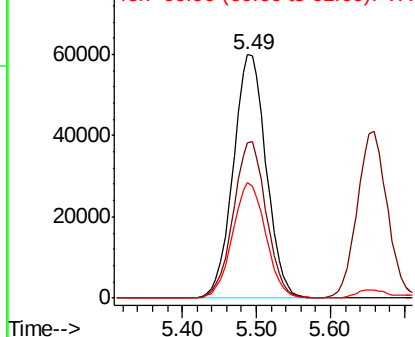


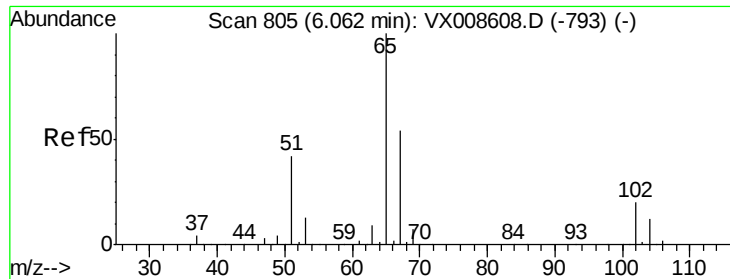
#32
1,1,1-Trichloroethane
Concen: 50.141 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 97 Resp: 185910
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 47.9 38.9 58.3



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

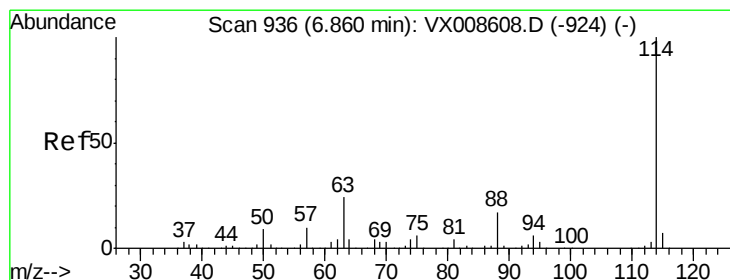
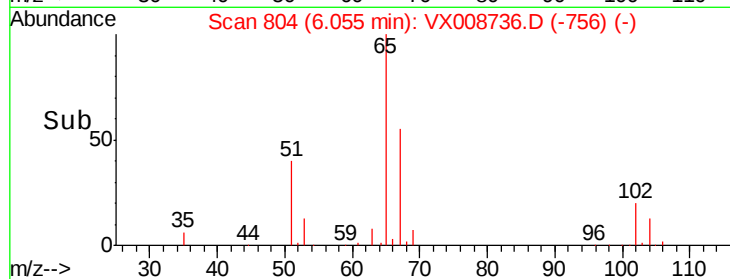
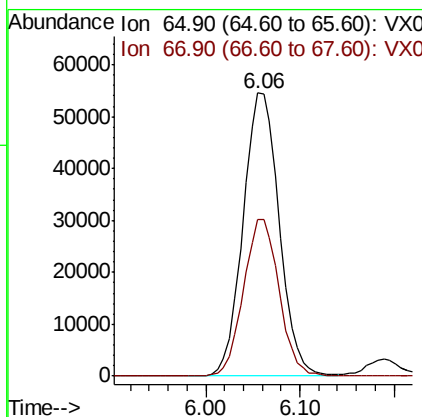
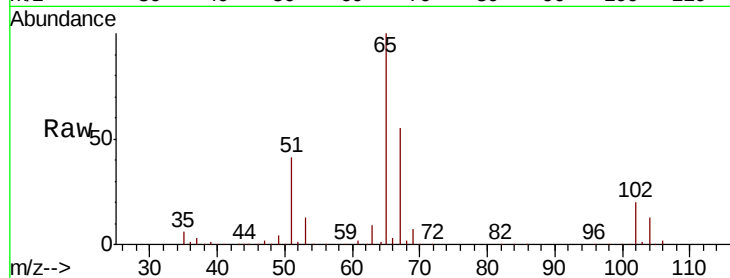




#33
 1,2-Dichloroethane-d4
 Concen: 49.177 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

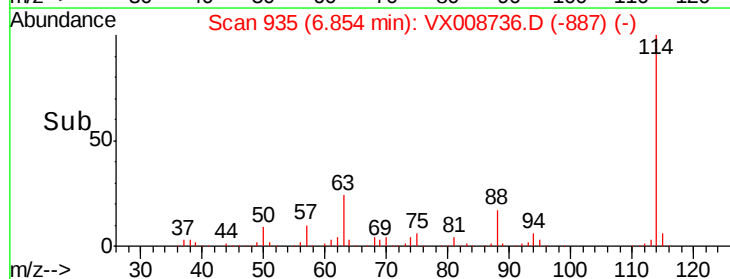
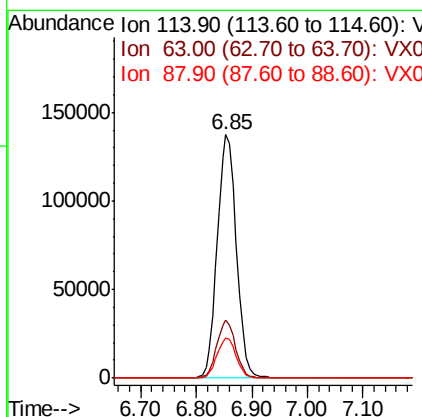
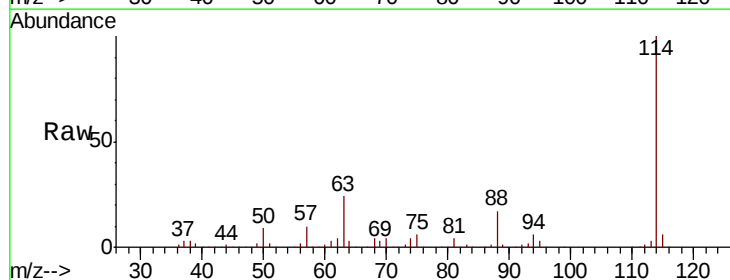
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

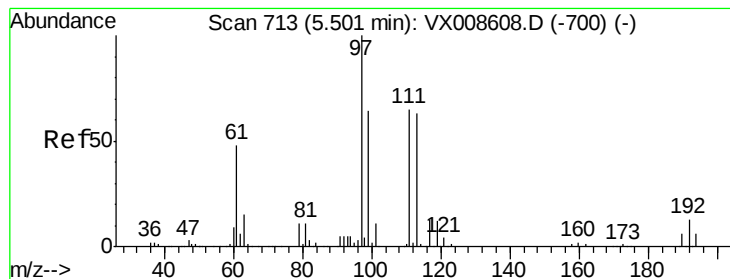
Tot Ion: 65 Resp: 145897
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion: 114 Resp: 327962
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.102 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

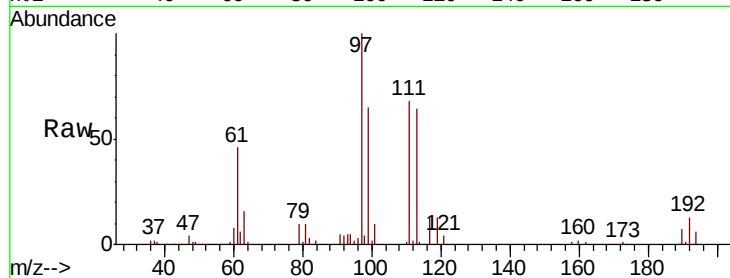
Tot Ion:113 Resp: 109250

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

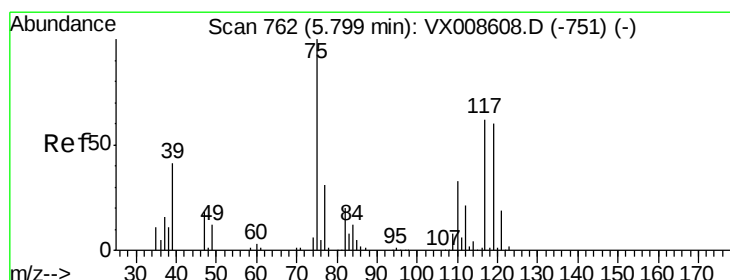
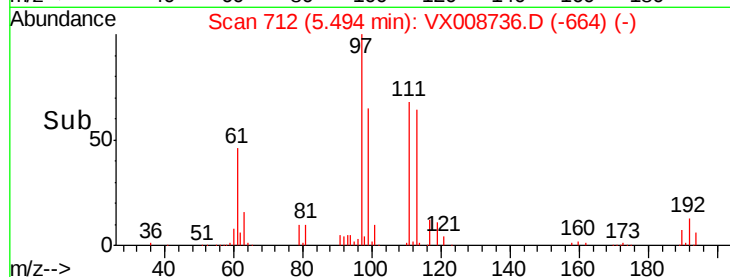
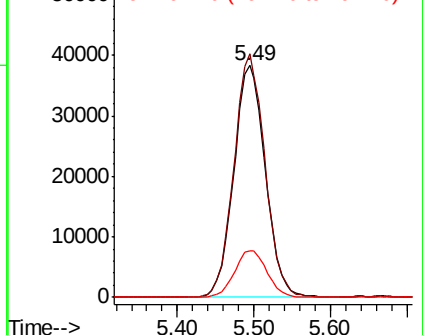
192 20.7 16.1 24.1



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: 49.577 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

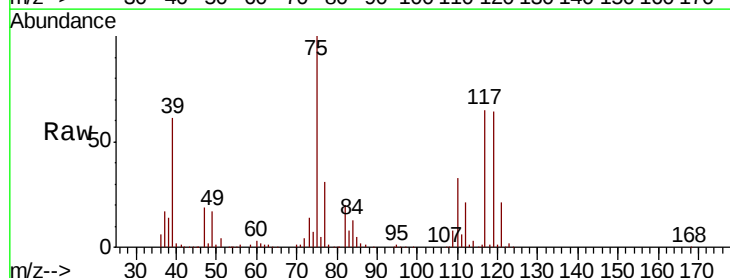
Tgt Ion: 75 Resp: 177733

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

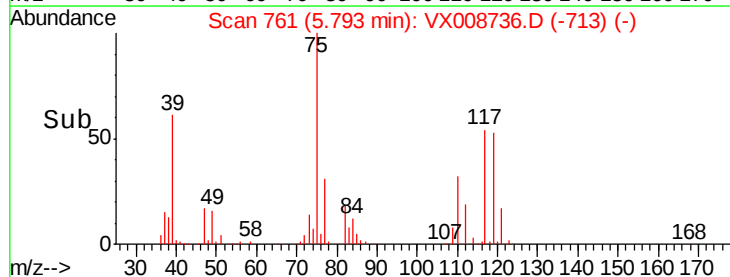
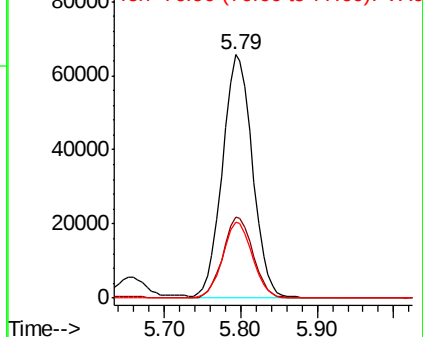
77 31.2 24.7 37.1

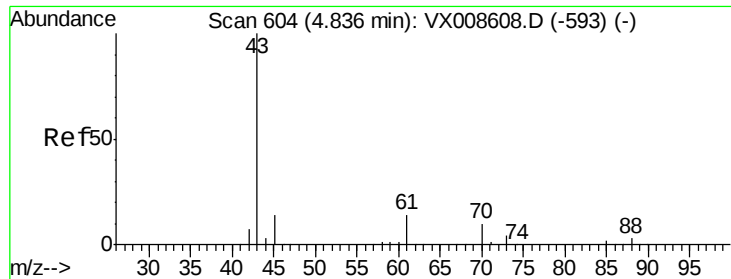


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

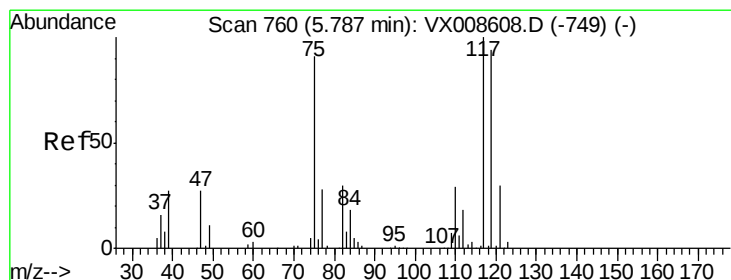
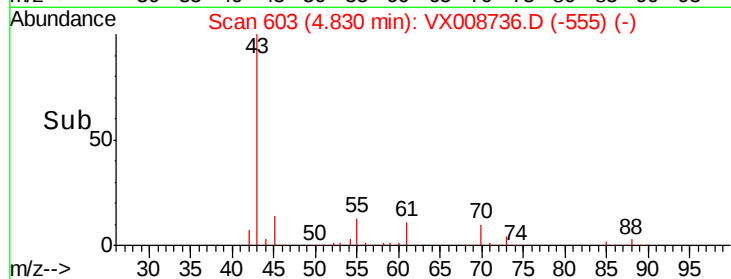
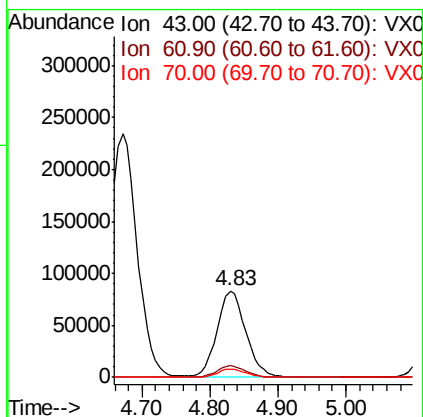
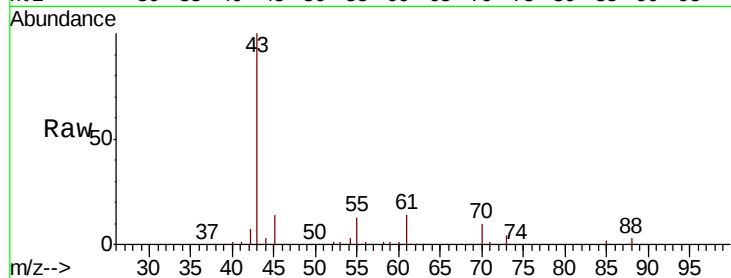




#37
Ethyl Acetate
Concen: 50.972 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

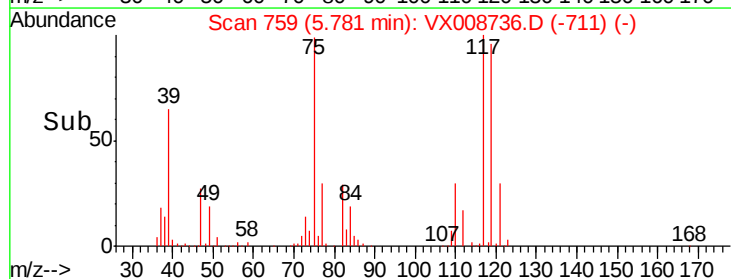
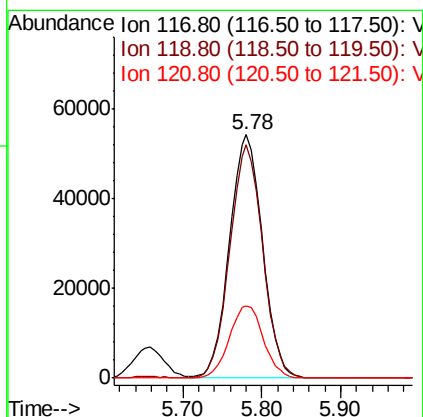
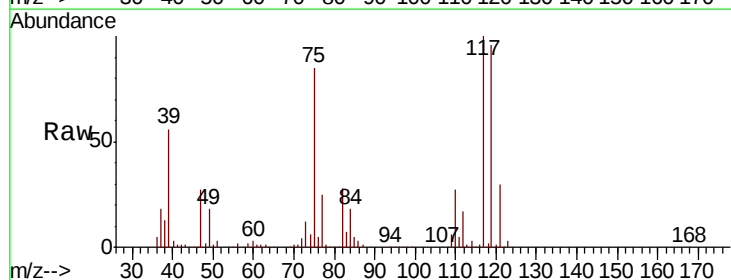
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 243907
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.322 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 117 Resp: 158214
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 29.8 24.3 36.5

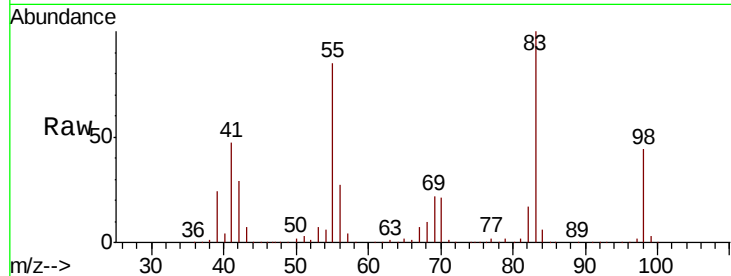




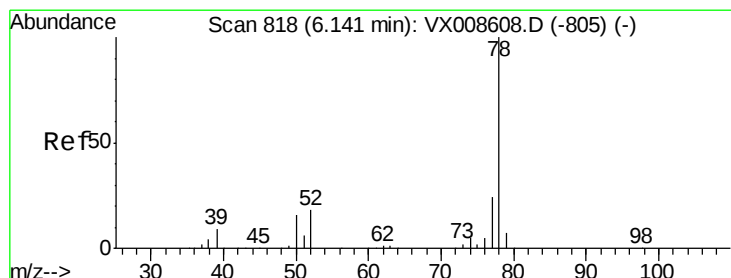
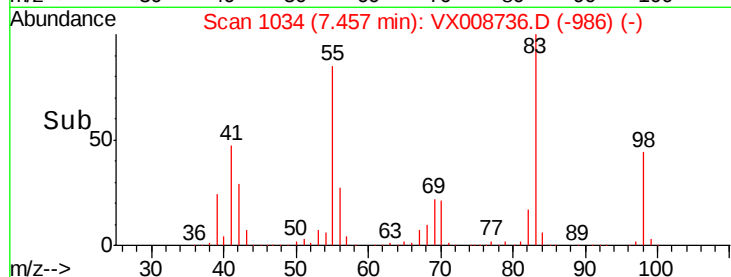
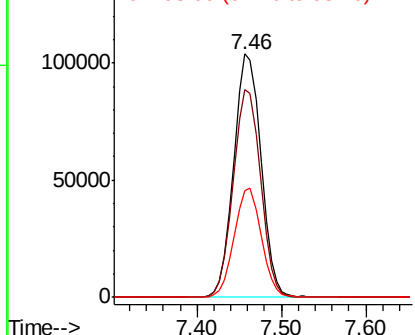
#39
Methvlcvclohexane
Concen: 51.292 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 227152
Ion Ratio Lower Upper
83 100
55 85.5 69.0 103.6
98 43.8 34.4 51.6

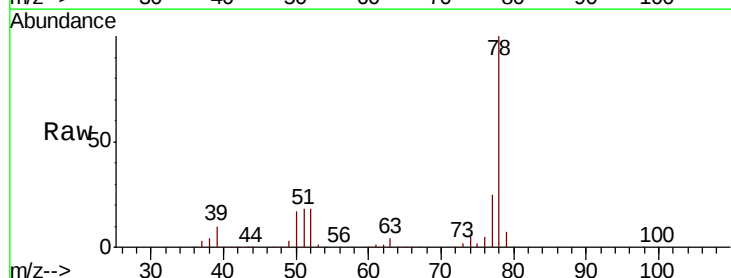


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

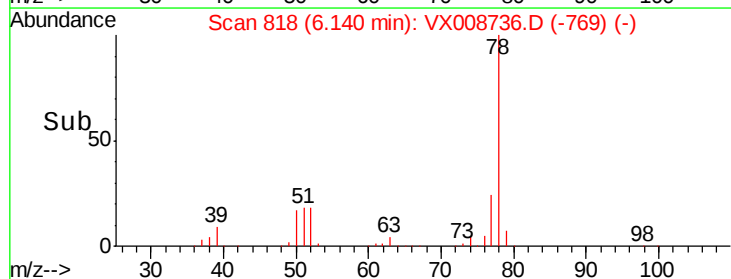
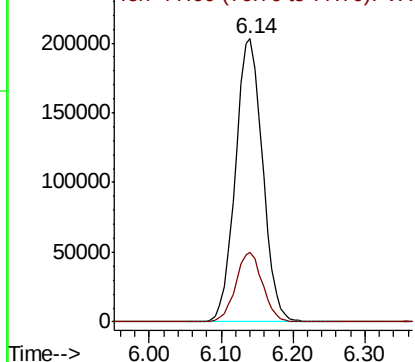


#40
Benzene
Concen: 49.899 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 78 Resp: 532924
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7



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

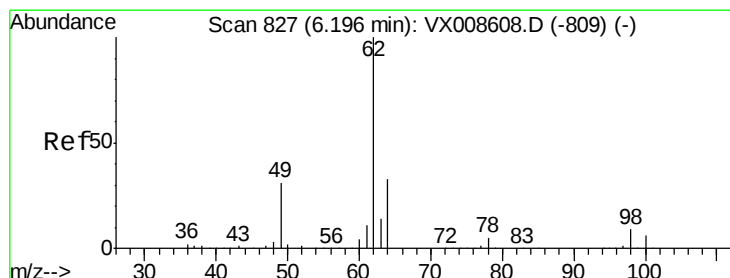
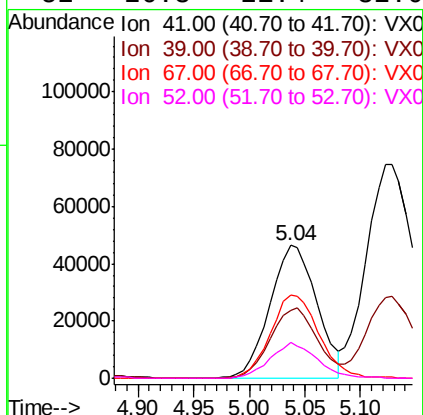
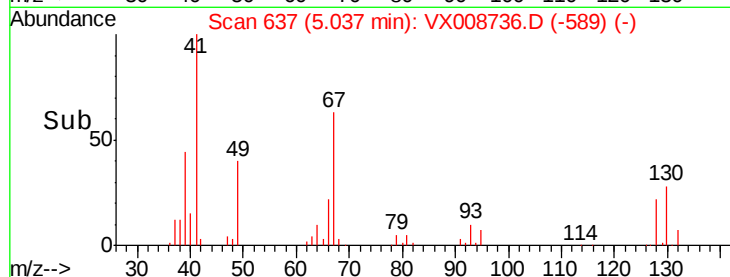
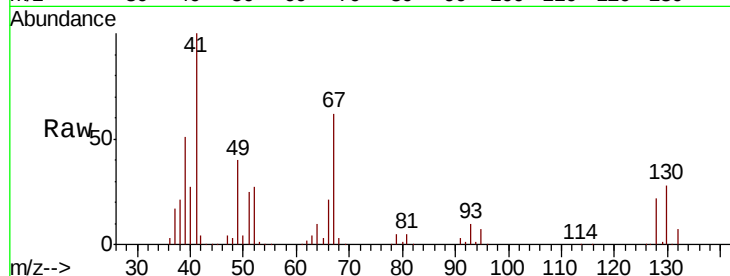




#41
Methacrylonitrile
Concen: 49.482 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

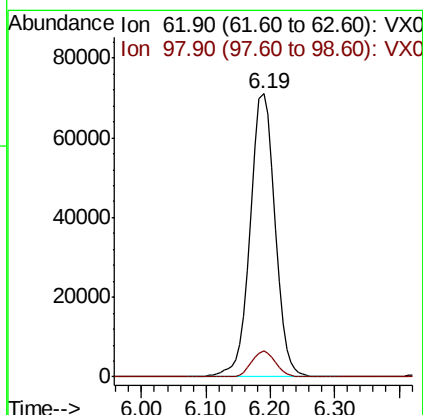
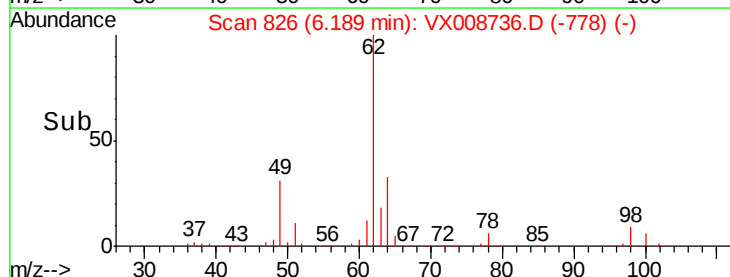
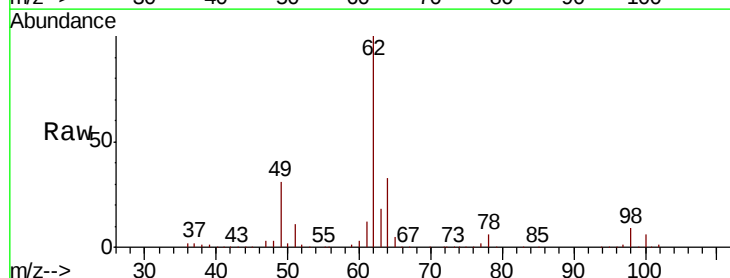
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

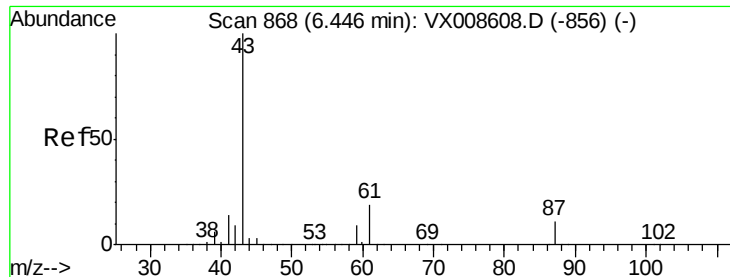
Tot Ion: 41 Resp: 136104
Ion Ratio Lower Upper
41 100
39 52.6 42.1 63.1
67 64.5 51.0 76.6
52 26.3 21.4 32.0



#42
1,2-Dichloroethane
Concen: 49.118 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 62 Resp: 188063
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0



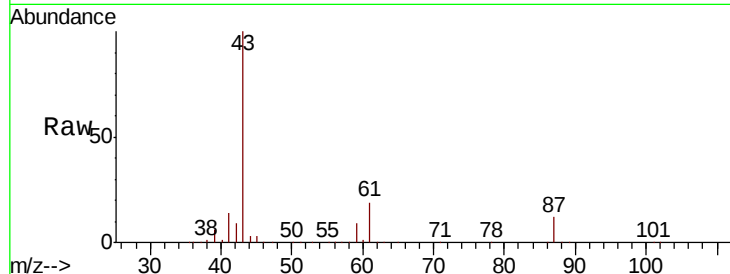


#43

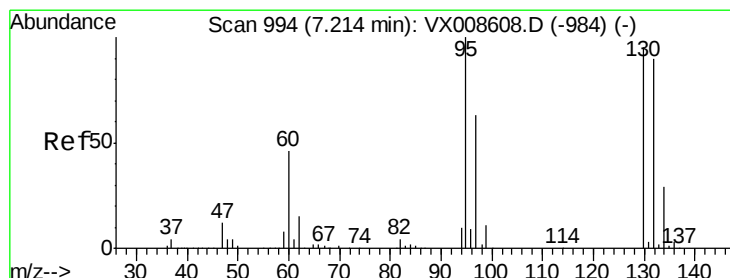
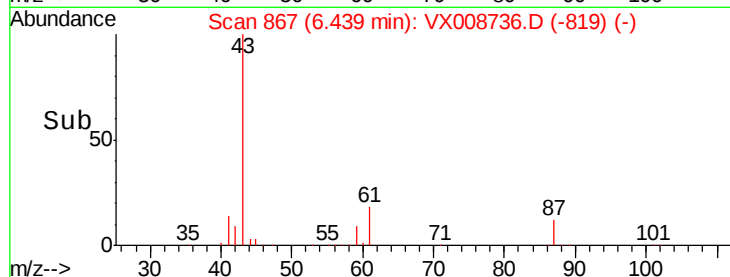
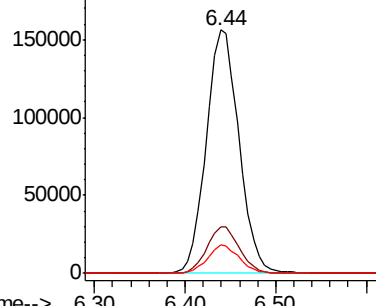
Isopropyl Acetate
 Concen: 52.029 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 390005
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.3 22.9
 87 11.3 9.0 13.6



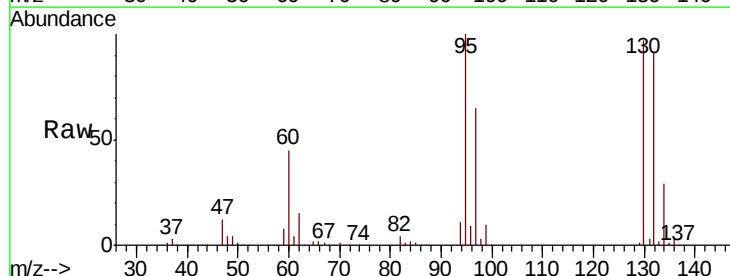
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



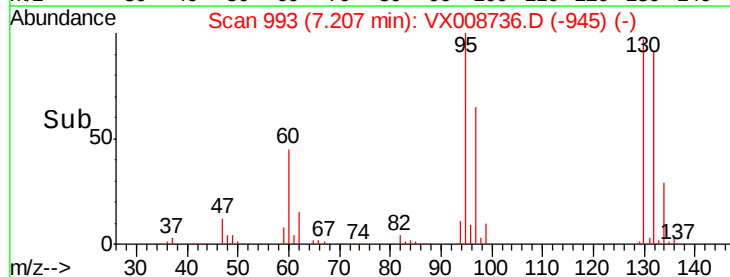
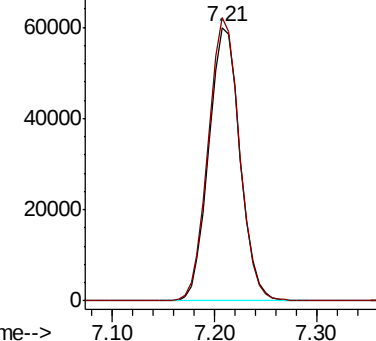
#44

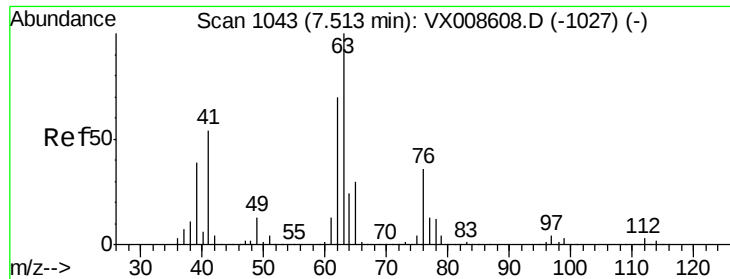
Trichloroethene
 Concen: 51.403 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion: 130 Resp: 127862
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 209.8



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





#45

1,2-Dichloropropane

Concen: 50.055 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

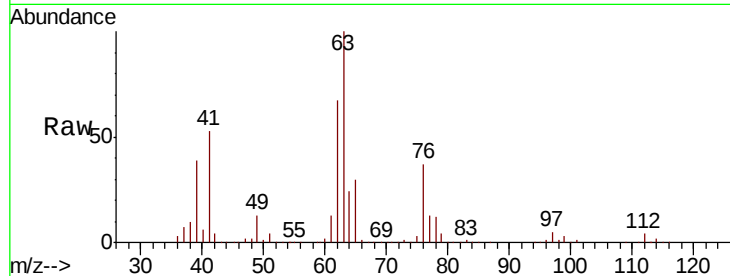
VSTDCCC050

Tot Ion: 63 Resp: 152585

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

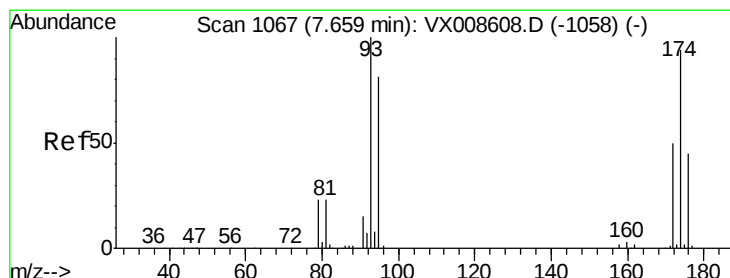
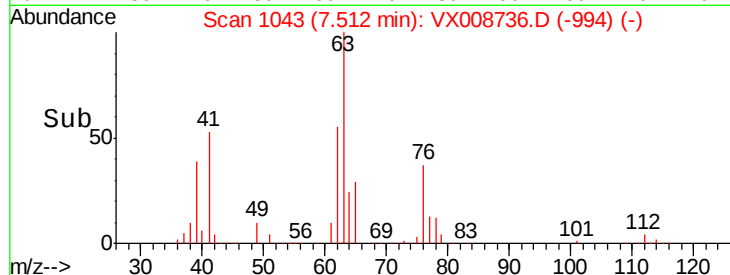
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 49.081 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

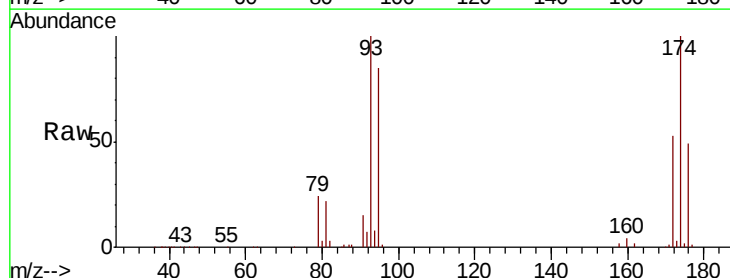
Tgt Ion: 93 Resp: 86775

Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 98.6 77.7 116.5



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

60000

50000

40000

30000

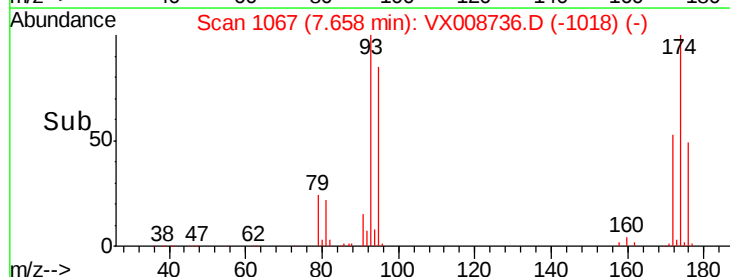
20000

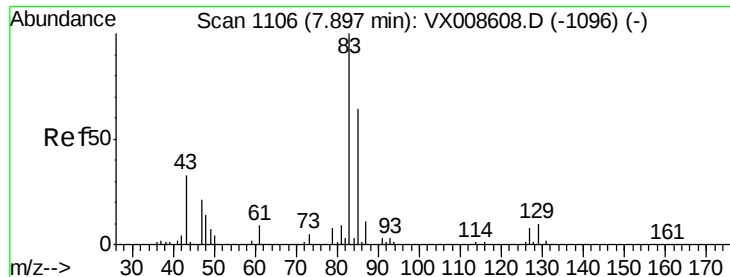
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.056 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

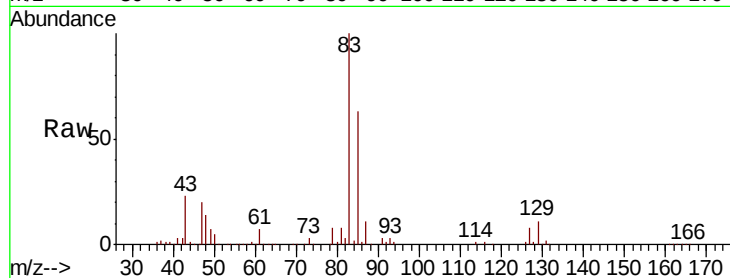
Tot Ion: 83 Resp: 176864

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

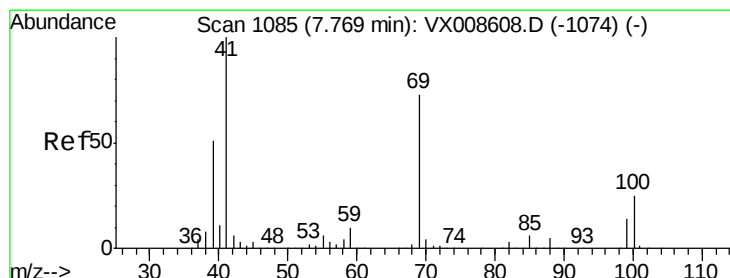
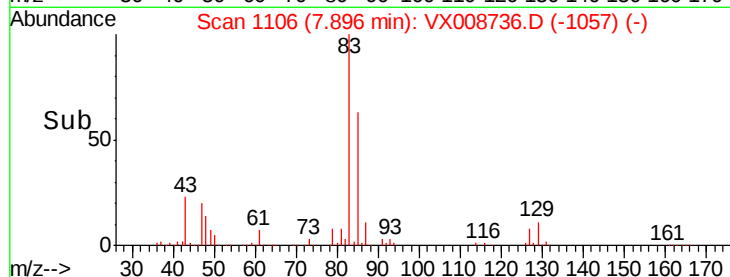
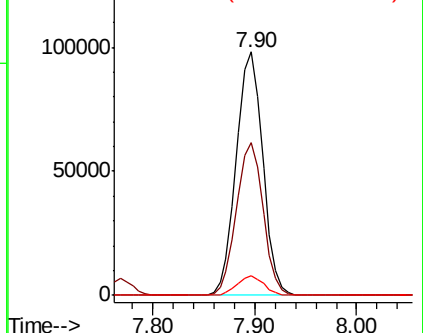
127 8.0 6.6 10.0



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: 51.769 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

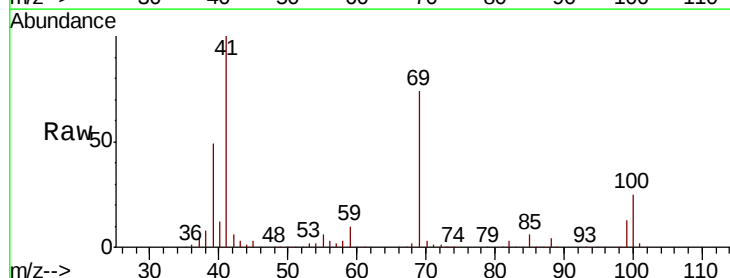
Tgt Ion: 41 Resp: 196298

Ion Ratio Lower Upper

41 100

69 73.7 59.0 88.4

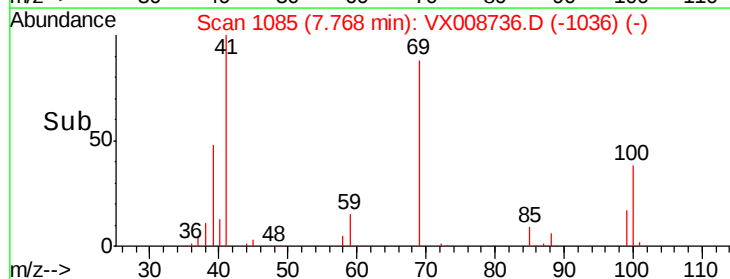
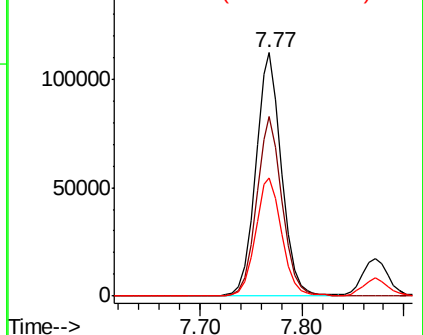
39 49.6 41.0 61.4

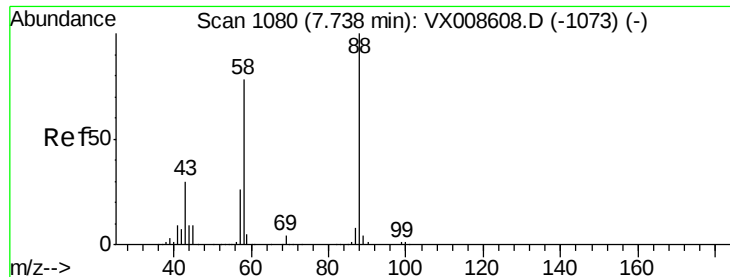


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

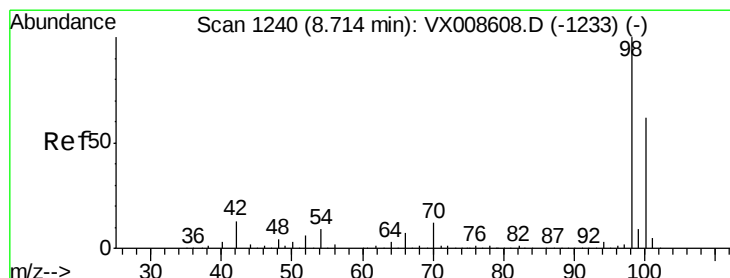
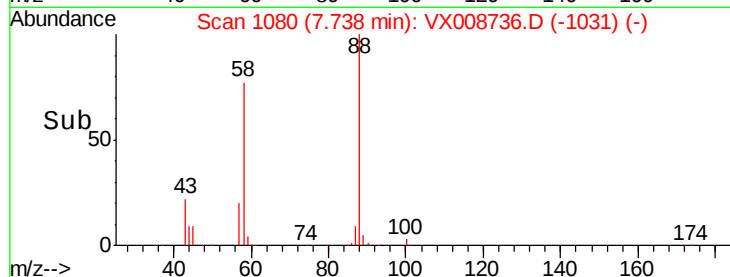
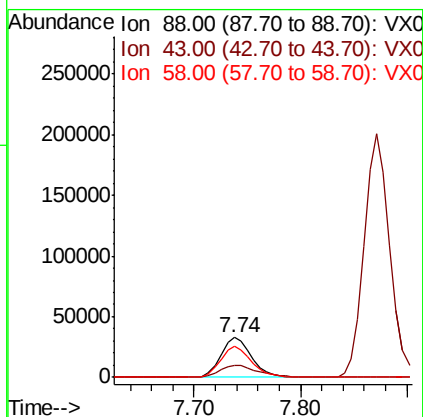
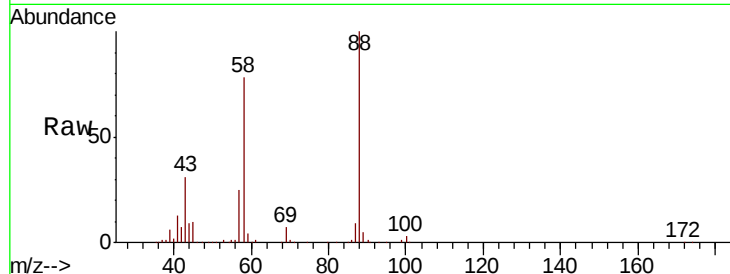




#49
1,4-Dioxane
Concen: 930.470 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

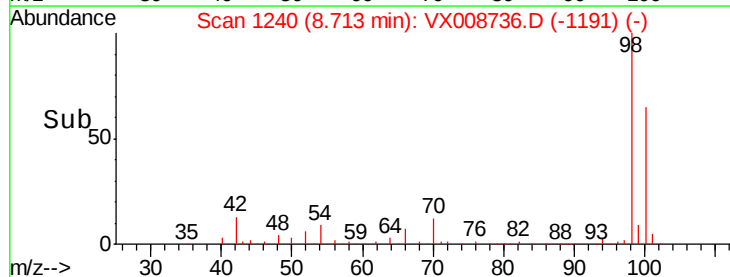
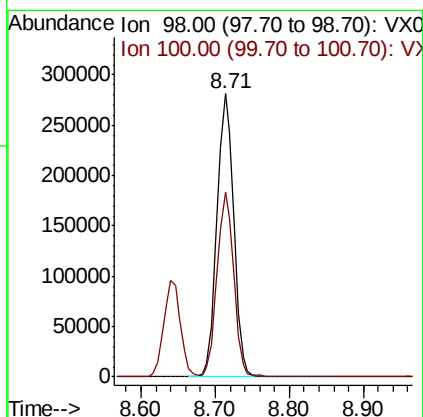
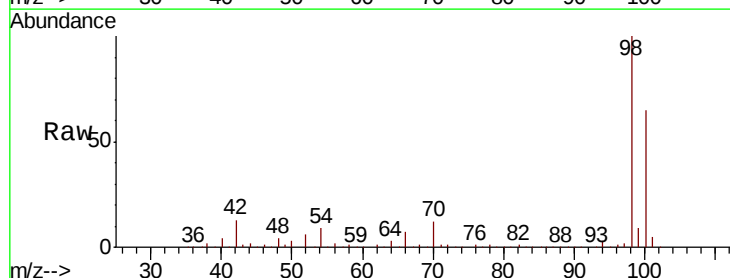
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

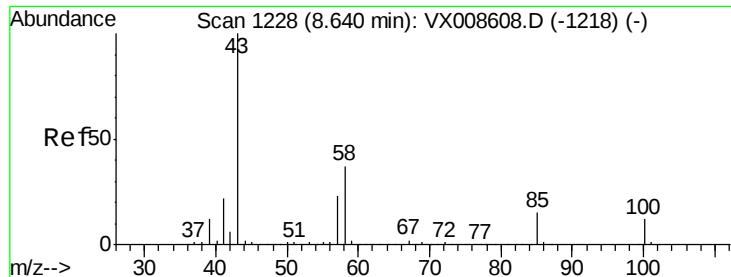
Tot Ion: 88 Resp: 66093
Ion Ratio Lower Upper
88 100
43 38.0 28.6 43.0
58 78.6 62.2 93.2



#50
Toluene-d8
Concen: 52.229 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 98 Resp: 436067
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 254.223 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

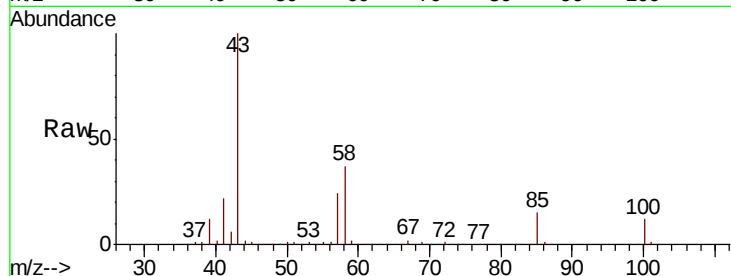
VSTDCCC050

Tot Ion: 43 Resp: 1226734

Ion Ratio Lower Upper

43 100

58 37.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

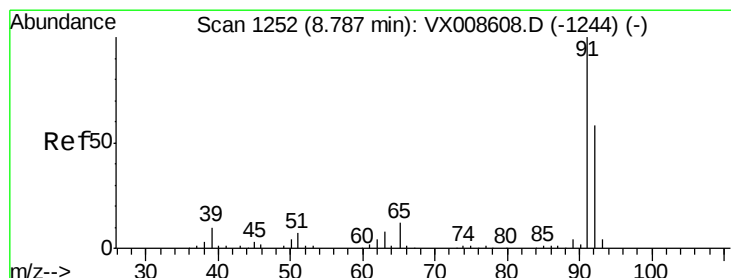
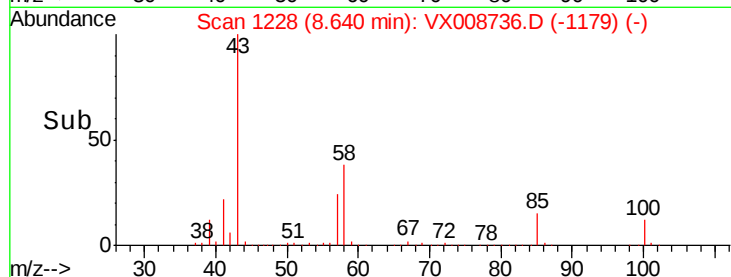
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.214 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008736.D

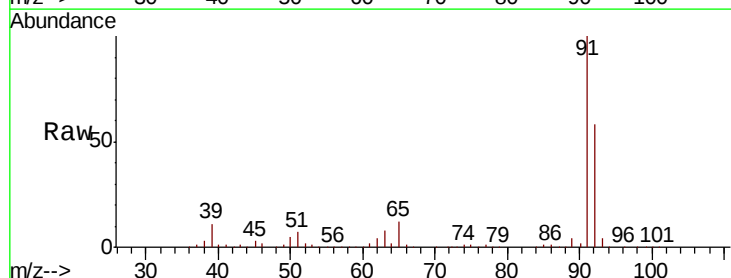
Acq: 08 Apr 2019 10:27

Tgt Ion: 92 Resp: 322466

Ion Ratio Lower Upper

92 100

91 173.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

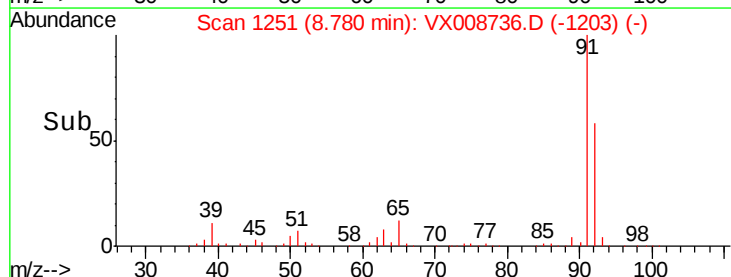
300000

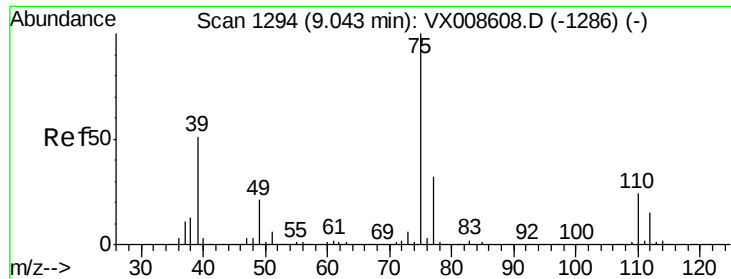
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.706 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

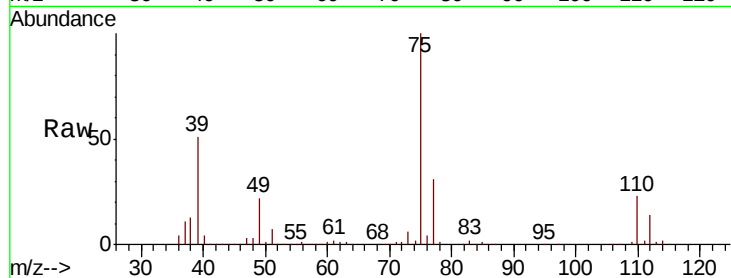
VSTDCCC050

Tot Ion: 75 Resp: 208014

Ion Ratio Lower Upper

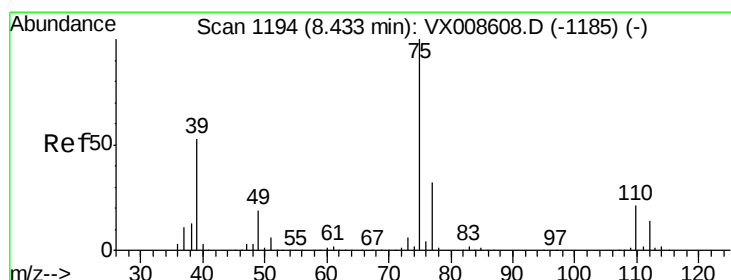
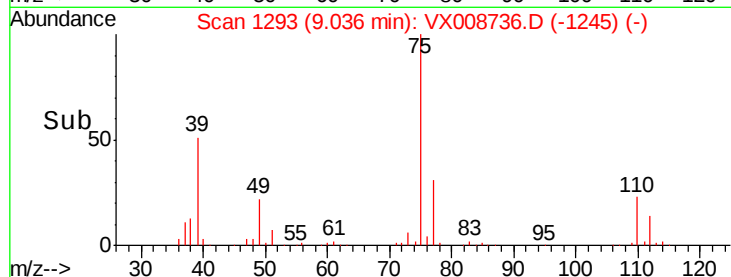
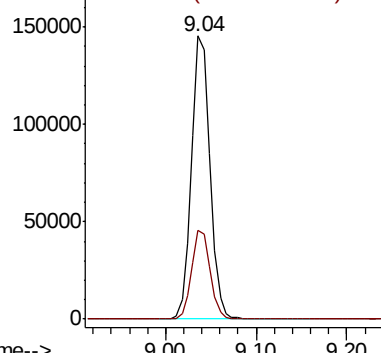
75 100

77 31.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.698 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

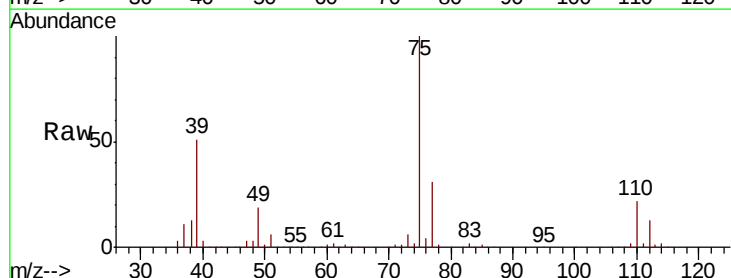
Tgt Ion: 75 Resp: 229116

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

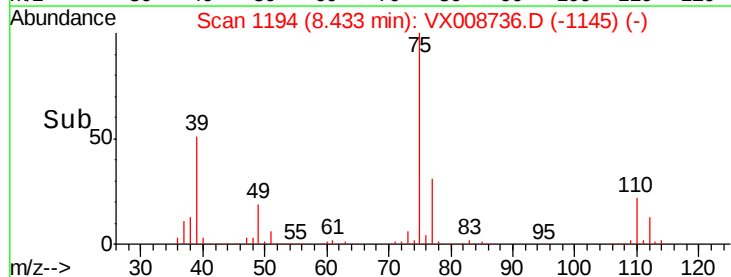
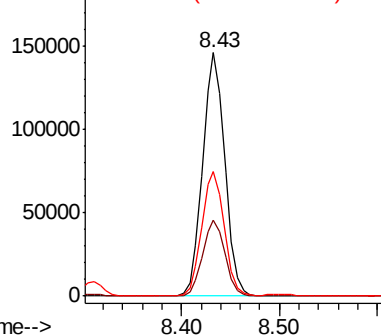
39 51.4 42.6 63.8

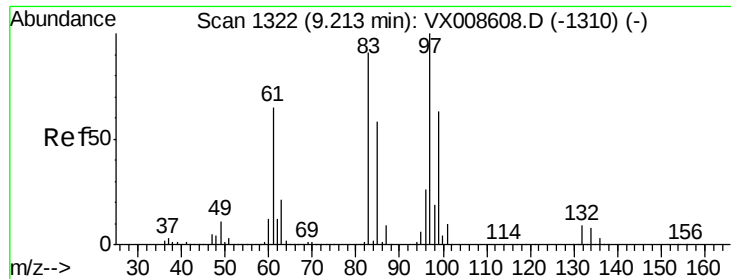


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 51.074 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 129085

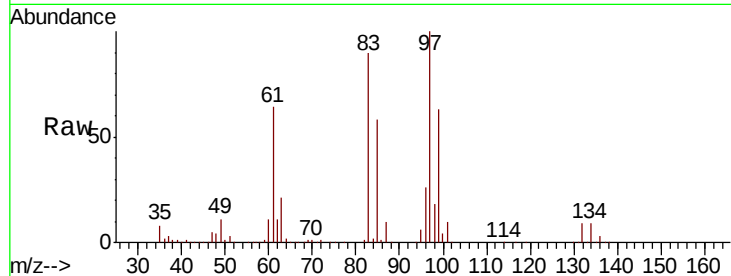
Ion Ratio Lower Upper

97 100

83 89.6 73.2 109.8

85 58.3 46.6 69.8

99 63.1 50.1 75.1

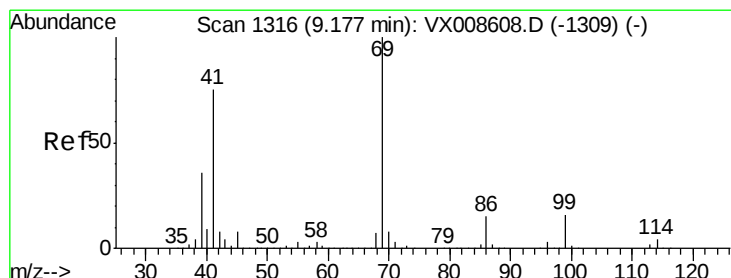
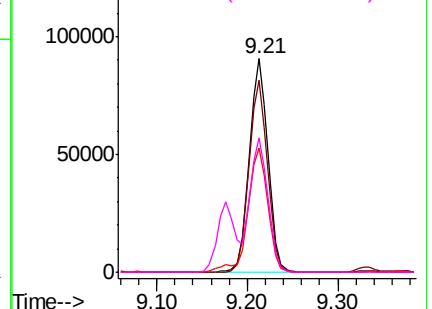
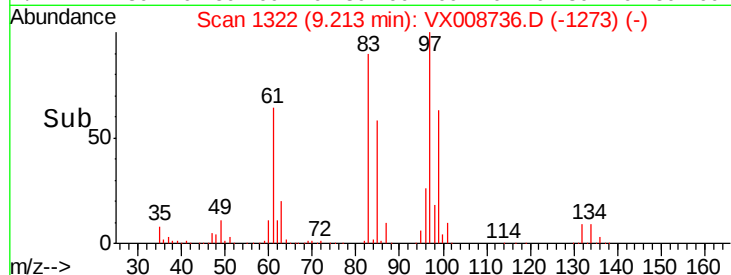


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.787 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

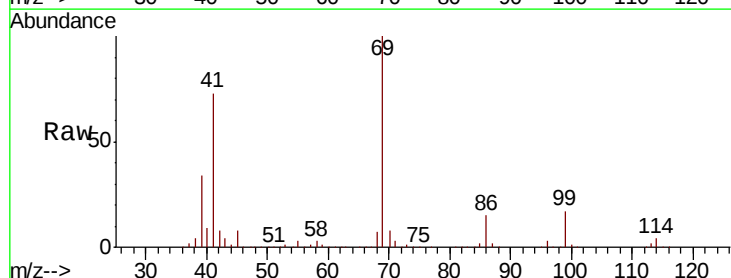
Tgt Ion: 69 Resp: 241390

Ion Ratio Lower Upper

69 100

41 75.2 60.1 90.1

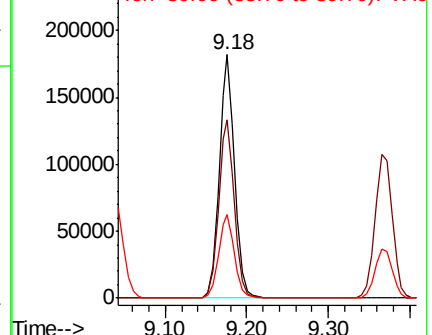
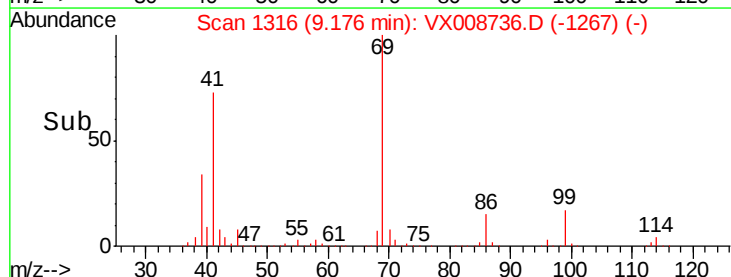
39 35.3 28.9 43.3

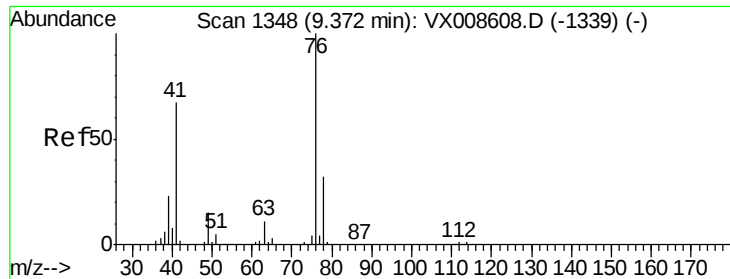


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.012 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

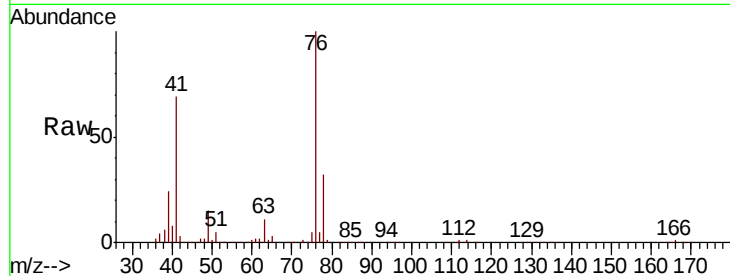
VSTDCCC050

Tot Ion: 76 Resp: 231514

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

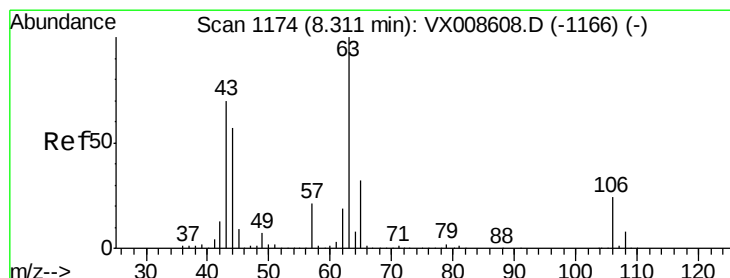
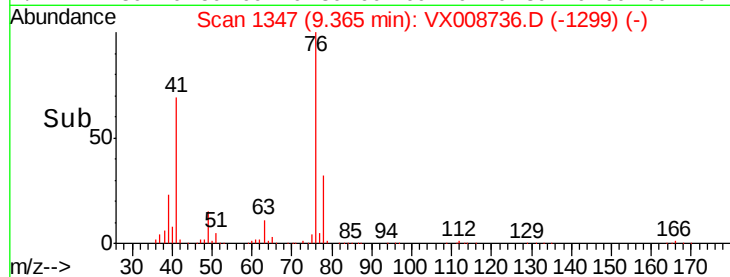
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 284.557 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008736.D

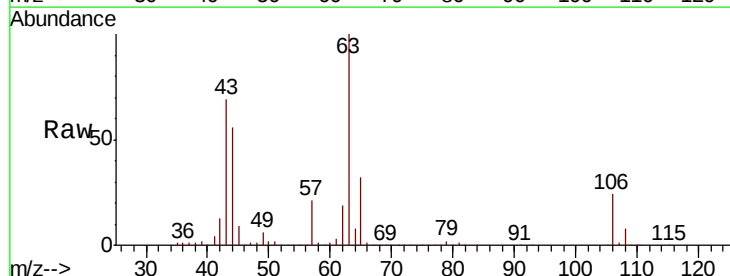
Acq: 08 Apr 2019 10:27

Tgt Ion: 63 Resp: 664447

Ion Ratio Lower Upper

63 100

106 24.2 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

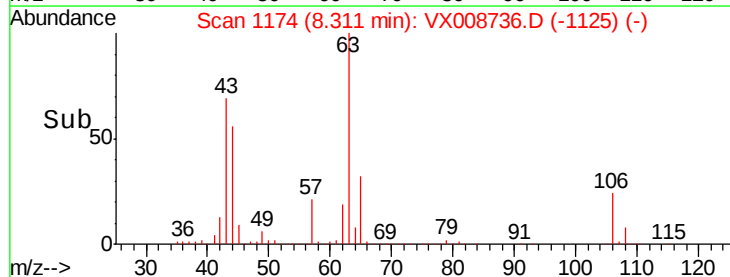
200000

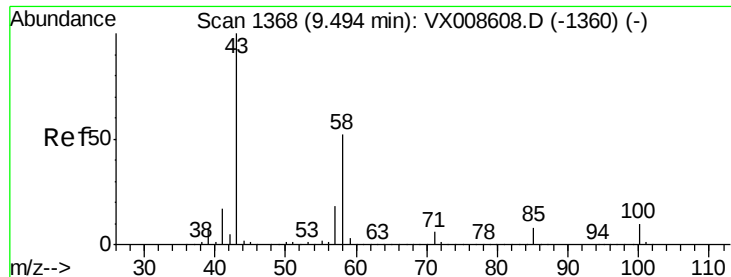
100000

0

Time-->

8.20 8.30 8.40

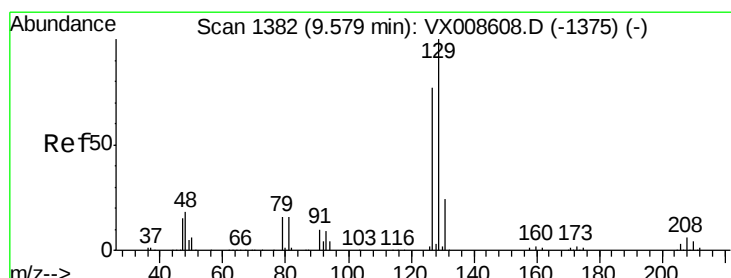
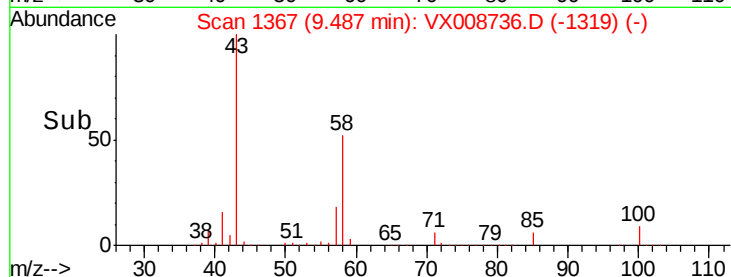
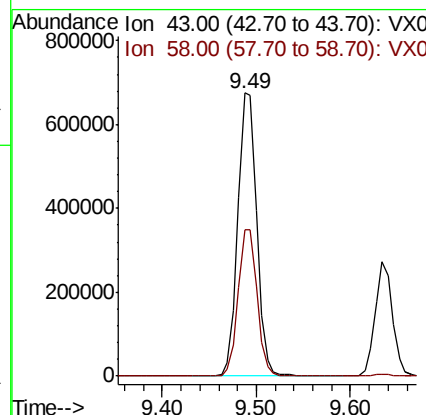
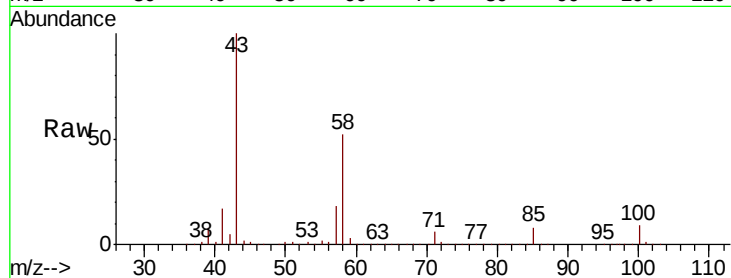




#59
2-Hexanone
Concen: 251.181 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

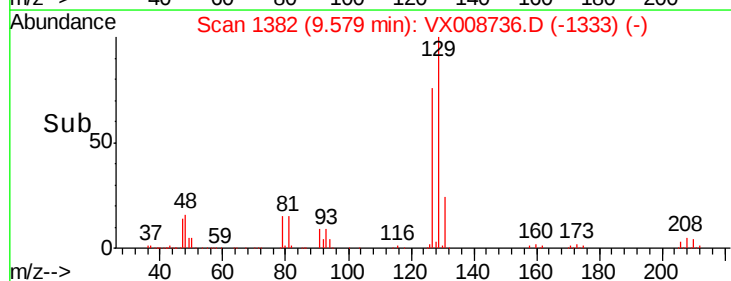
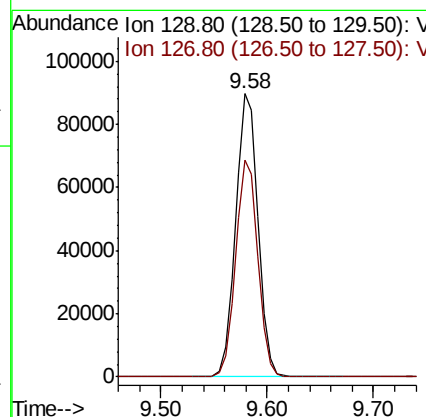
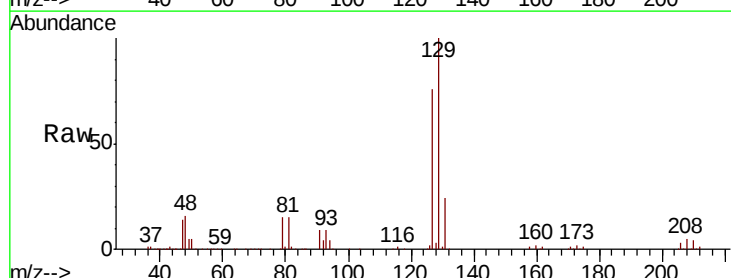
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

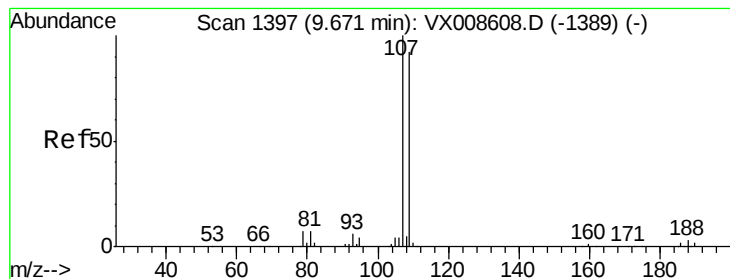
Tot Ion: 43 Resp: 941948
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7



#60
Dibromochloromethane
Concen: 55.332 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 129 Resp: 131780
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.639 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

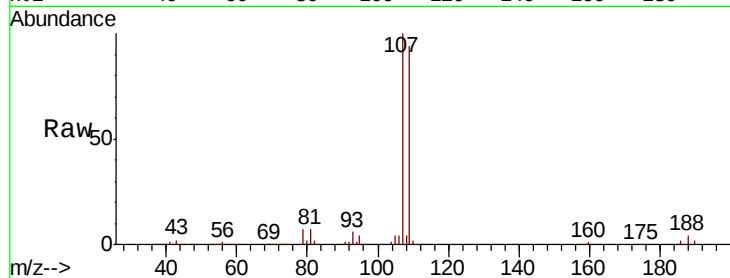
VSTDCCC050

Tot Ion:107 Resp: 133240

Ion Ratio Lower Upper

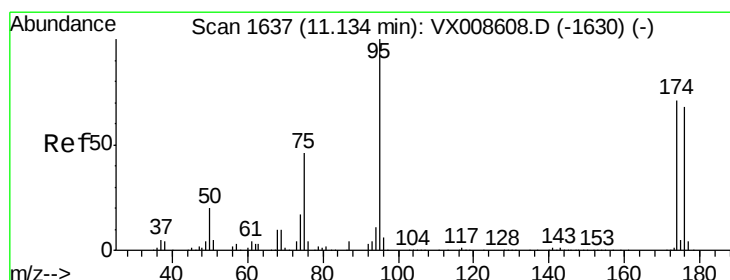
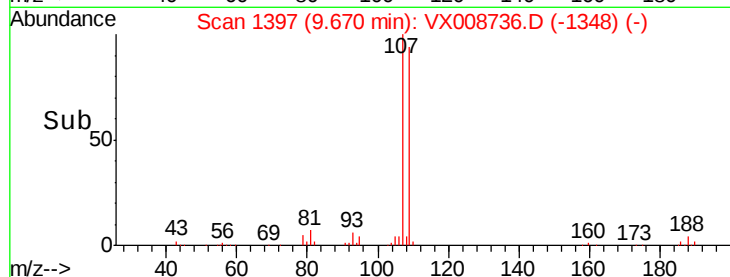
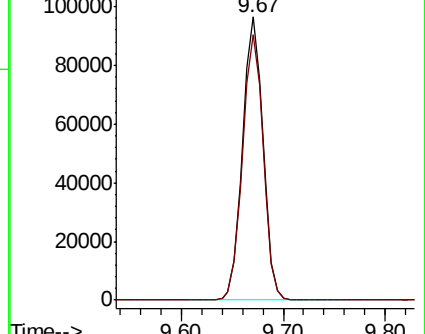
107 100

109 94.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

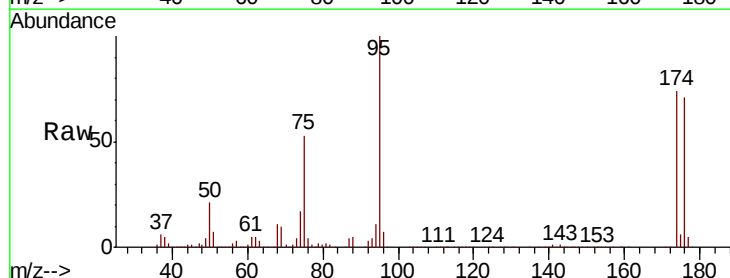
Tgt Ion: 95 Resp: 157091

Ion Ratio Lower Upper

95 100

174 78.4 0.0 151.8

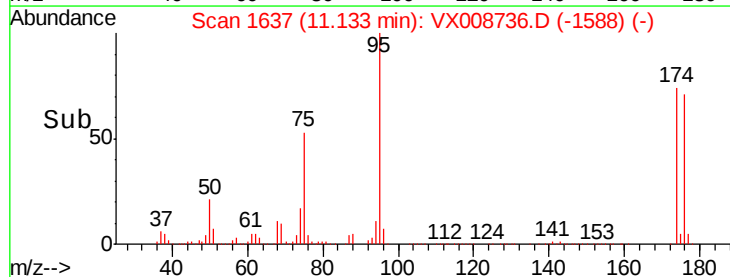
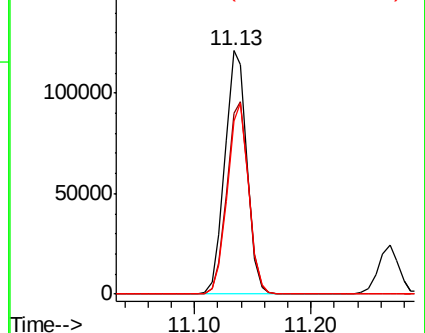
176 76.1 0.0 145.8

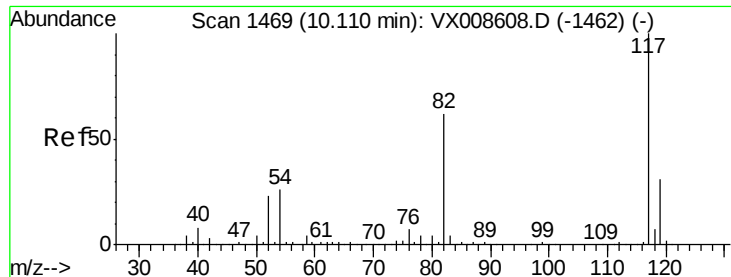


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

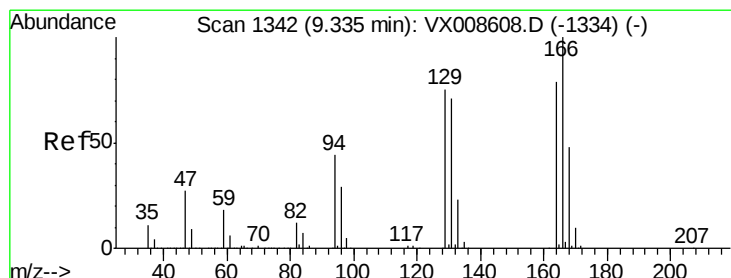
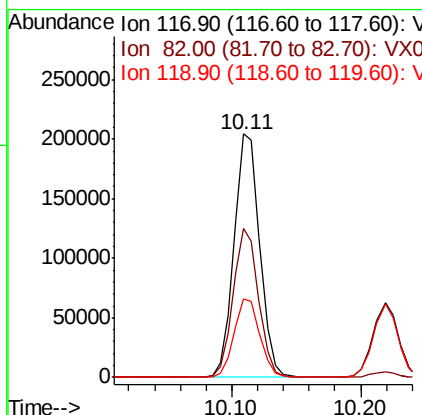
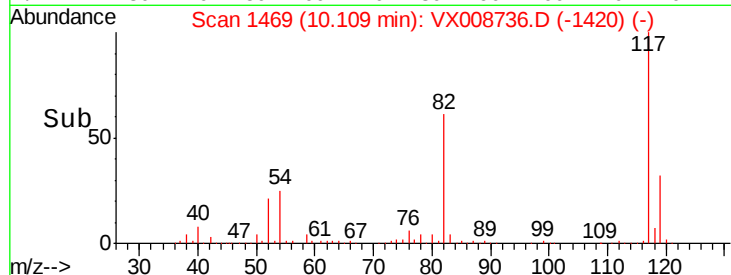
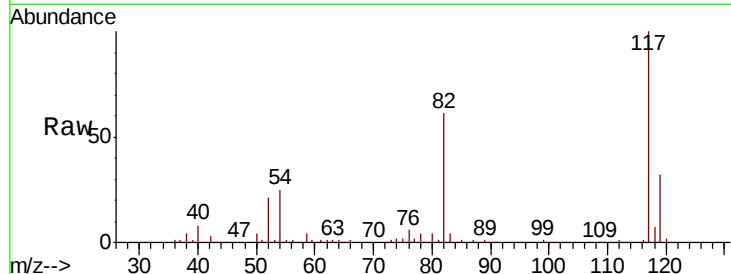




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

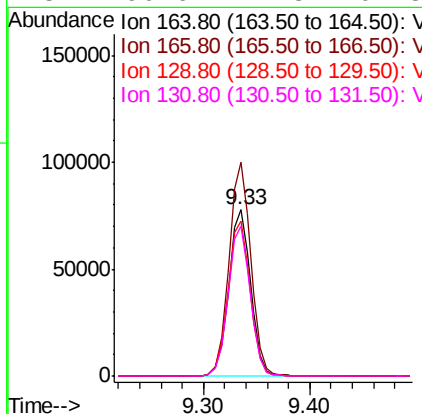
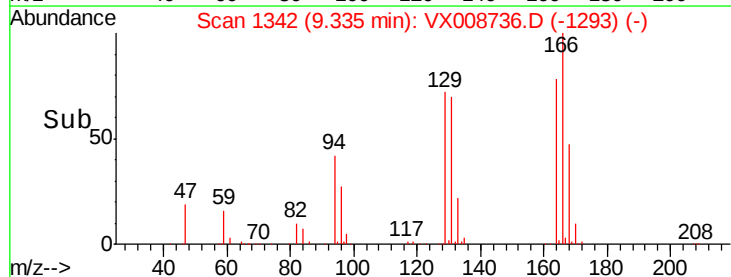
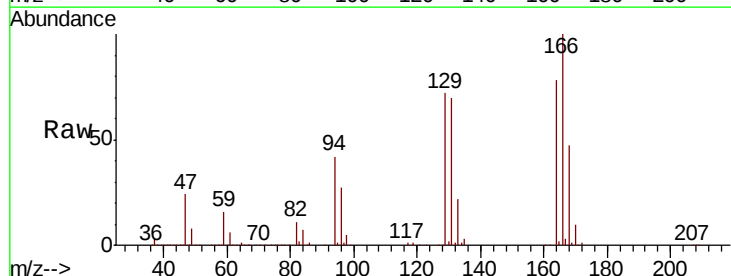
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

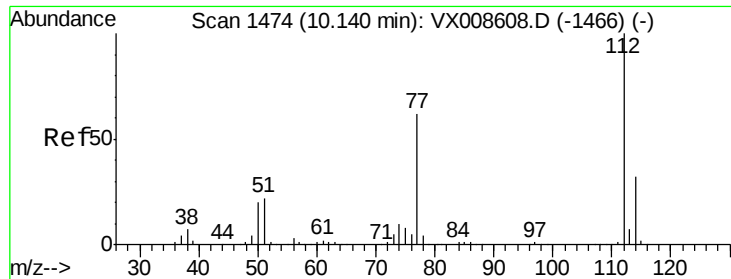
Tot Ion:117 Resp: 284646
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 53.008 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion:164 Resp: 111790
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 93.2 75.8 113.8
131 90.6 71.8 107.8

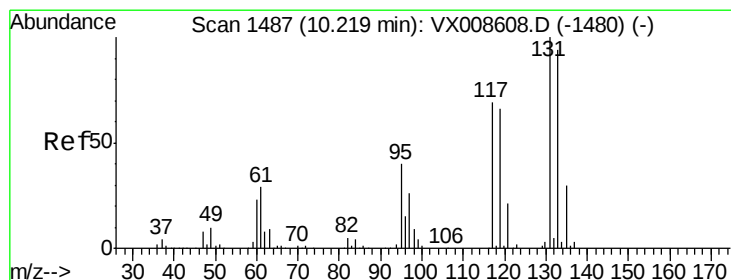
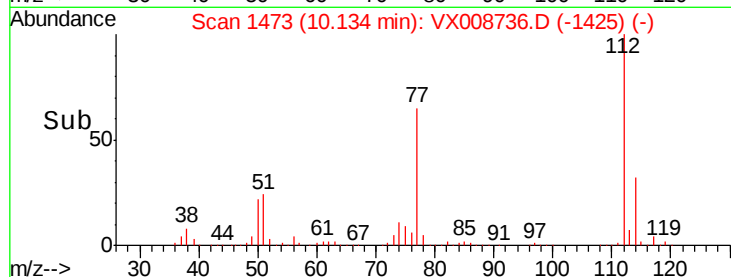
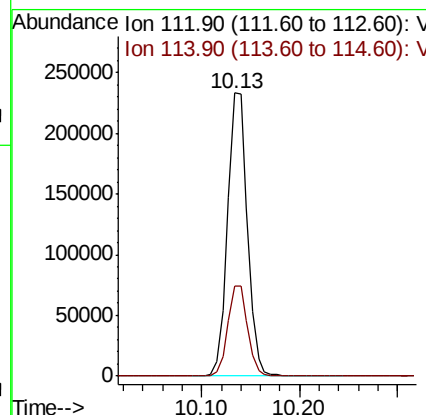
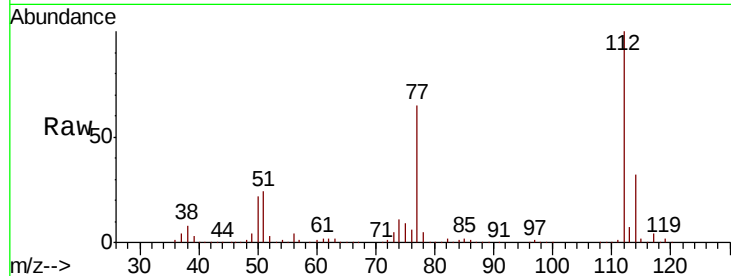




#65
Chlorobenzene
Concen: 52.008 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

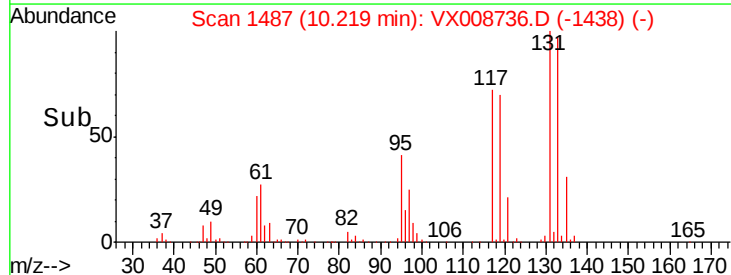
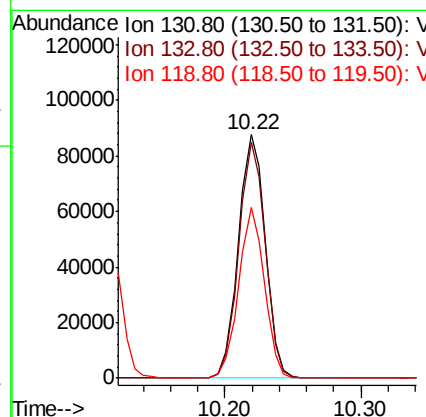
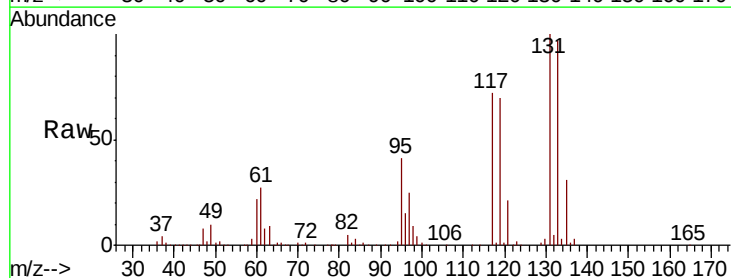
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

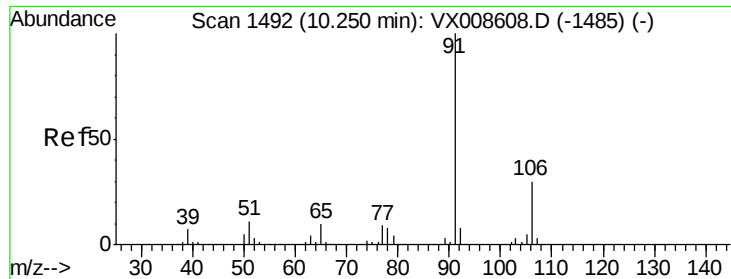
Tot Ion:112 Resp: 328156
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.309 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion:131 Resp: 120217
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 67.4 33.7 101.0

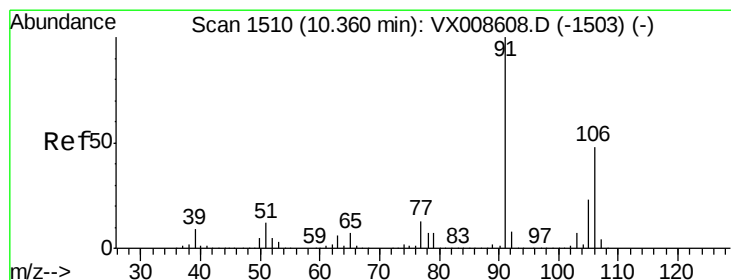
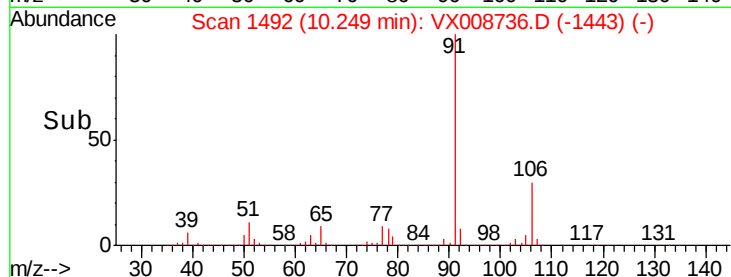
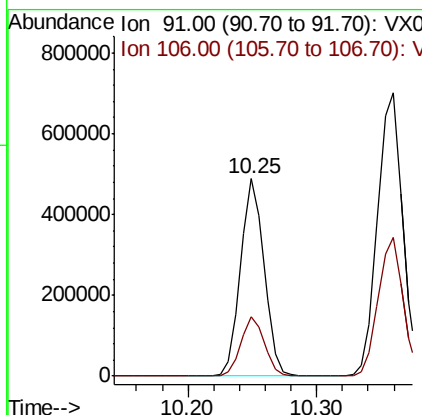
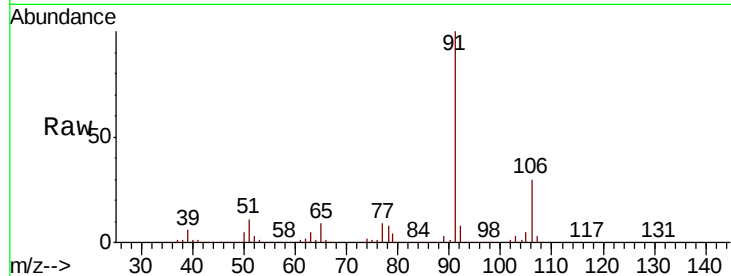




#67
Ethyl Benzene
Concen: 52.741 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

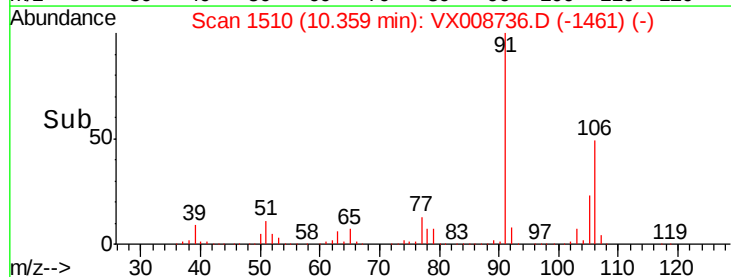
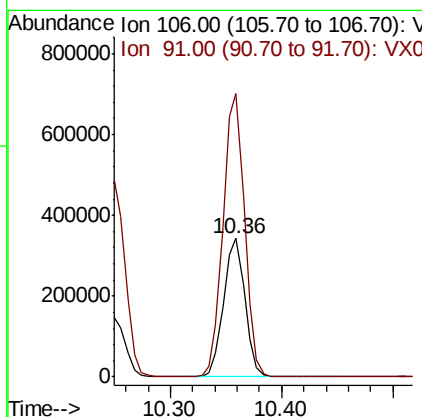
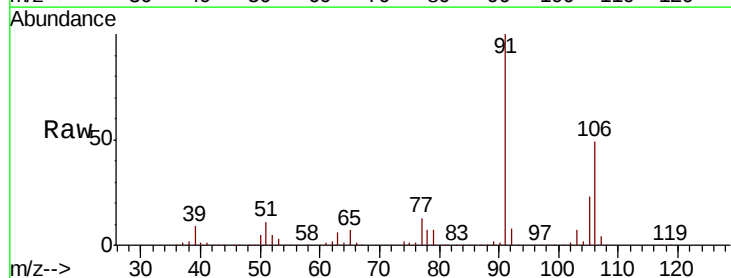
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

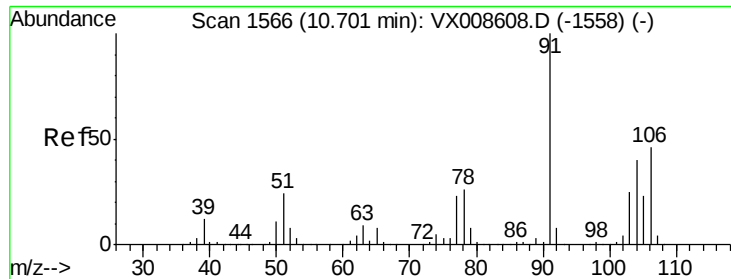
Tot Ion: 91 Resp: 620532
Ion Ratio Lower Upper
91 100
106 30.3 23.7 35.5



#68
m/p-Xylenes
Concen: 107.161 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 106 Resp: 453327
Ion Ratio Lower Upper
106 100
91 207.2 168.5 252.7

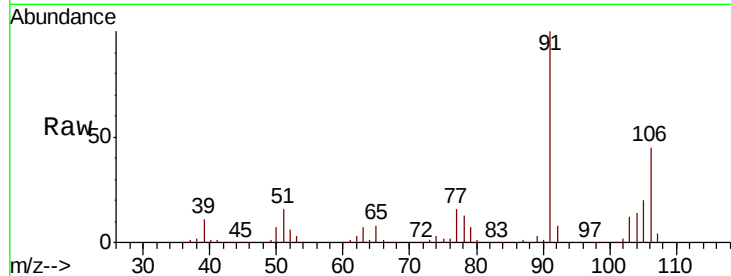




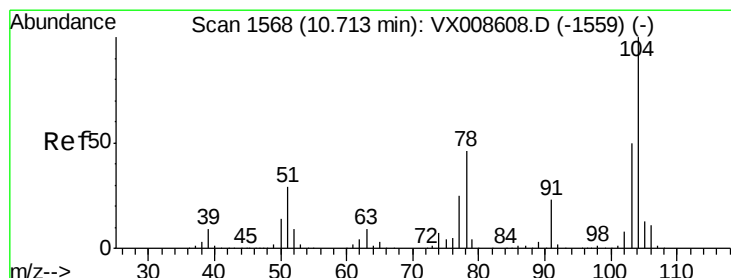
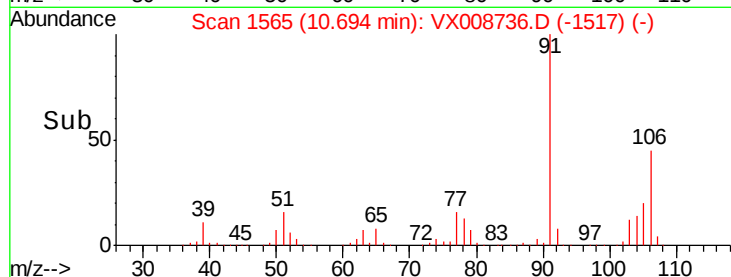
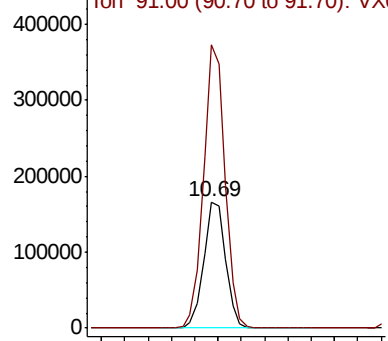
#69
o-Xylene
Concen: 52.942 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 217045
Ion Ratio Lower Upper
106 100
91 220.4 111.5 334.4

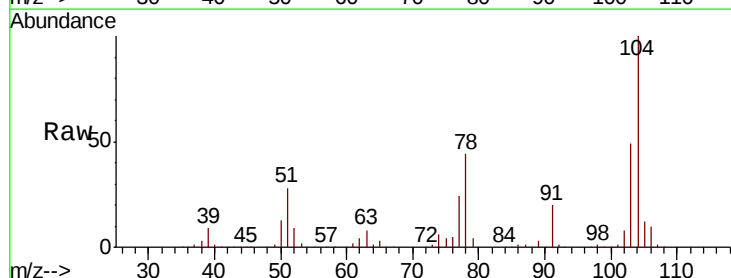


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

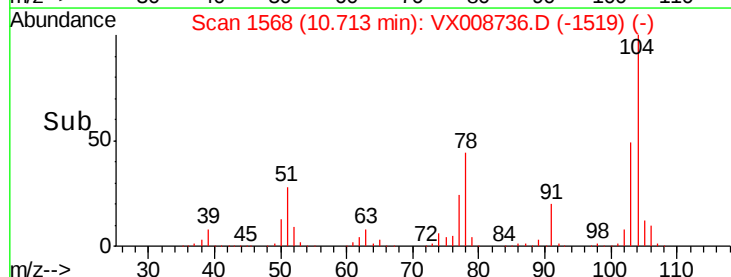
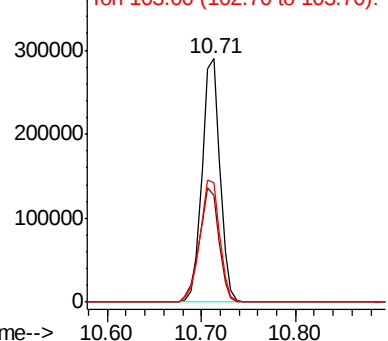


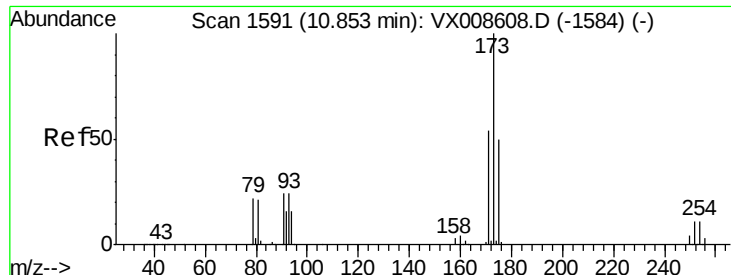
#70
Styrene
Concen: 54.244 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion:104 Resp: 383334
Ion Ratio Lower Upper
104 100
78 51.5 42.3 63.5
103 55.0 44.4 66.6



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





#71

Bromoform

Concen: 56.521 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

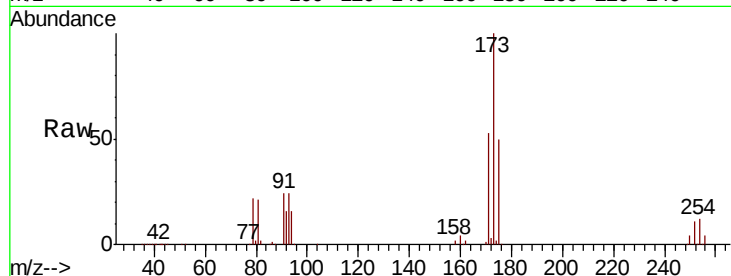
Tot Ion:173 Resp: 95555

Ion Ratio Lower Upper

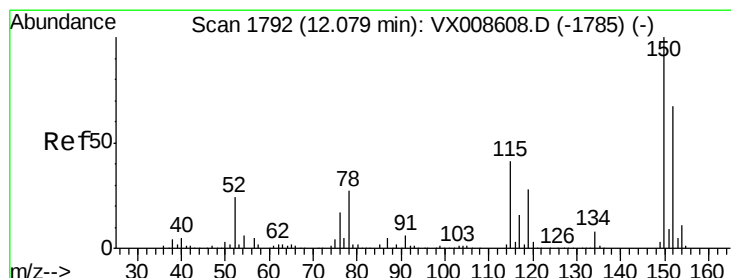
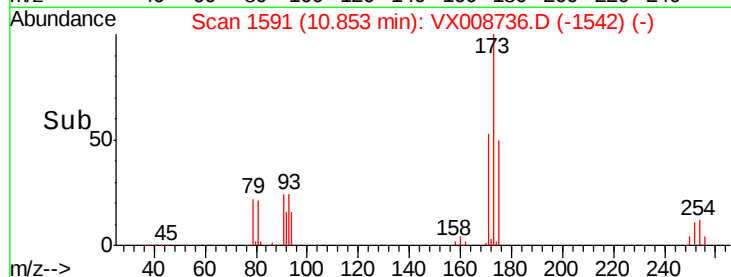
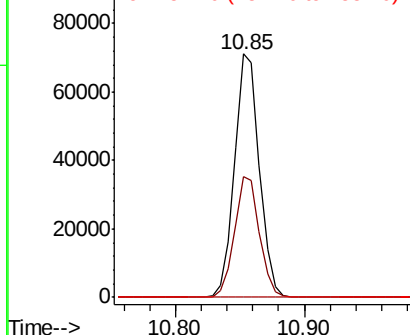
173 100

175 49.6 24.9 74.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

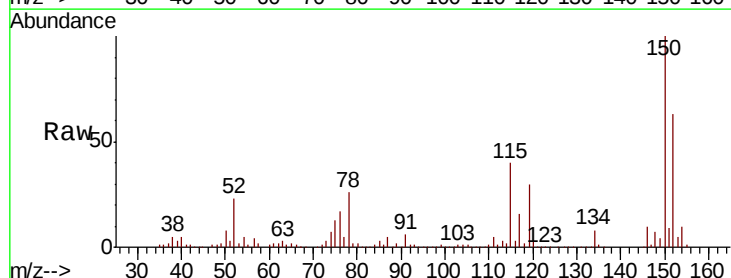
Tgt Ion:152 Resp: 134687

Ion Ratio Lower Upper

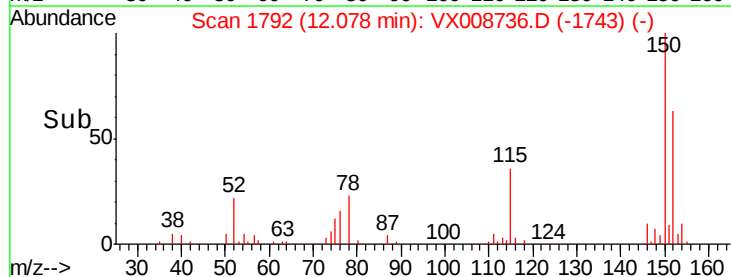
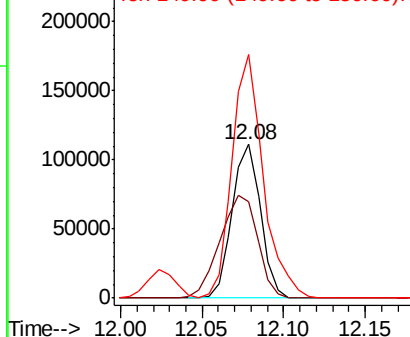
152 100

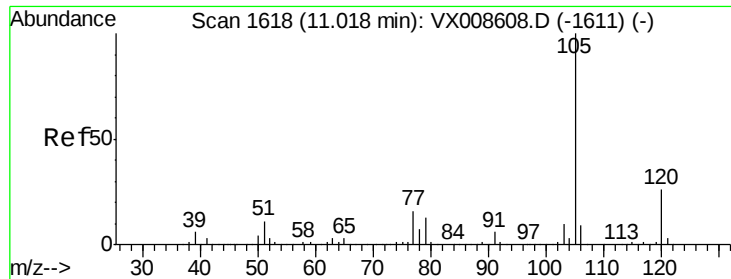
115 88.4 43.5 130.5

150 174.5 0.0 348.8



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: 52.668 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

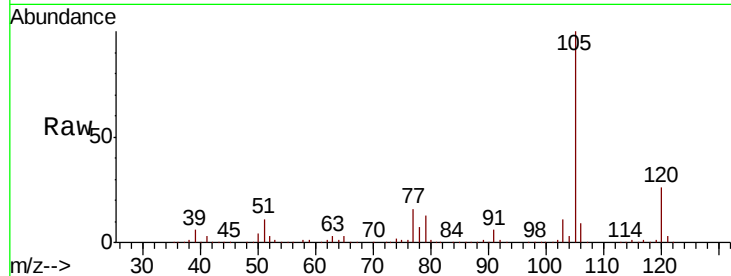
VSTDCCC050

Tot Ion:105 Resp: 587877

Ion Ratio Lower Upper

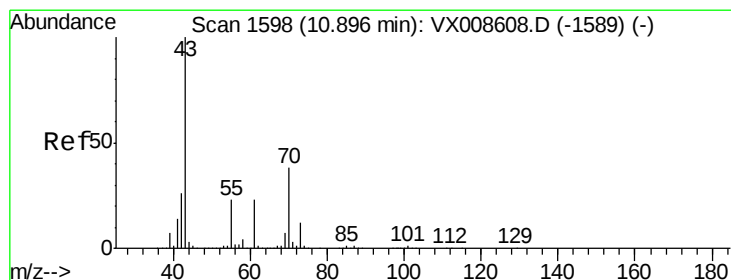
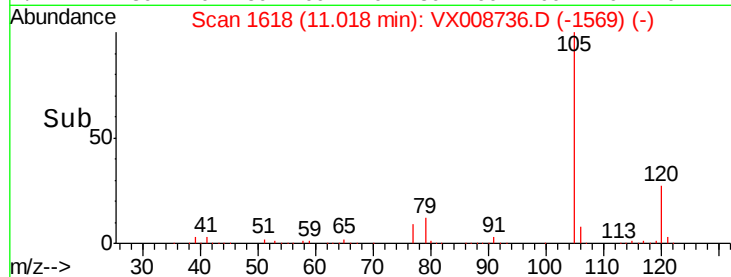
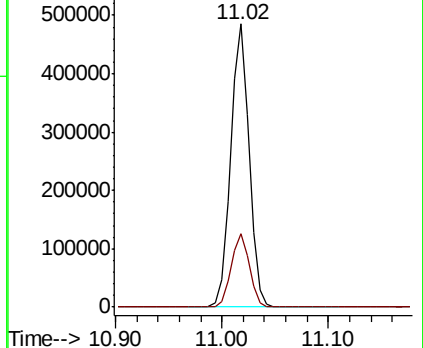
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.581 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Tgt Ion: 43 Resp: 332170

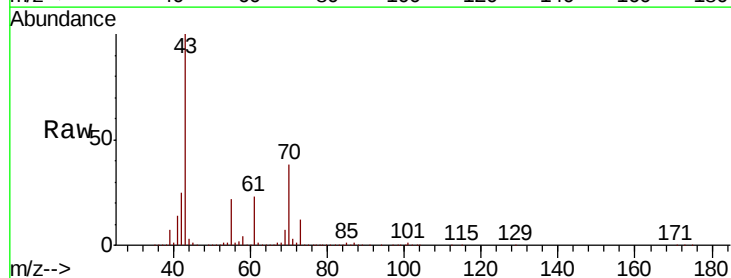
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.4 18.2 27.4

61 22.7 18.6 28.0

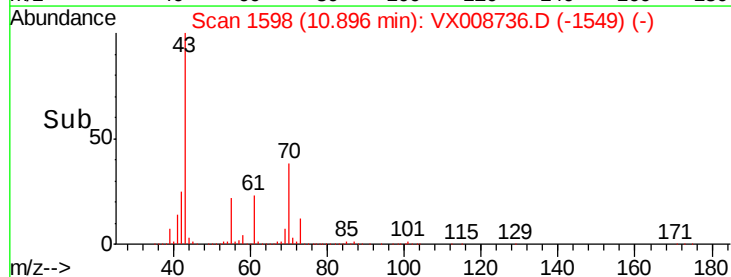
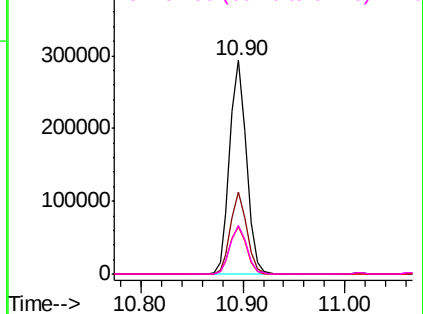


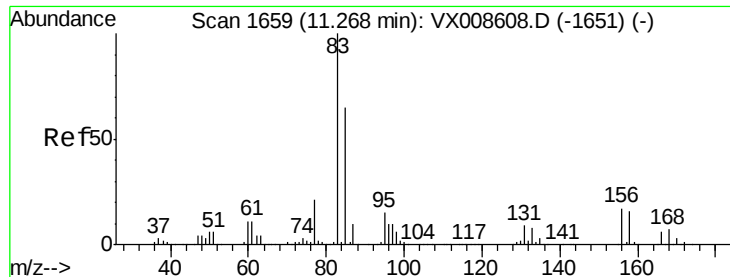
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

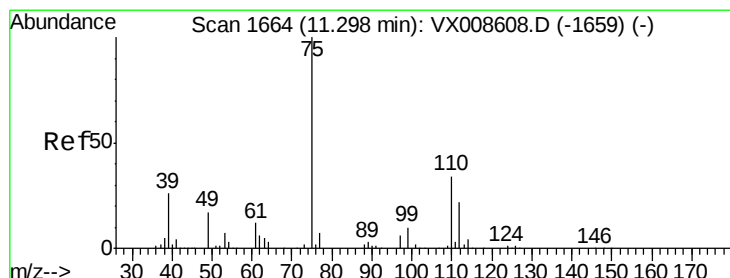
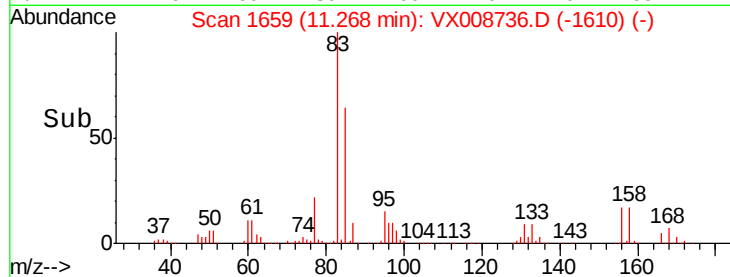
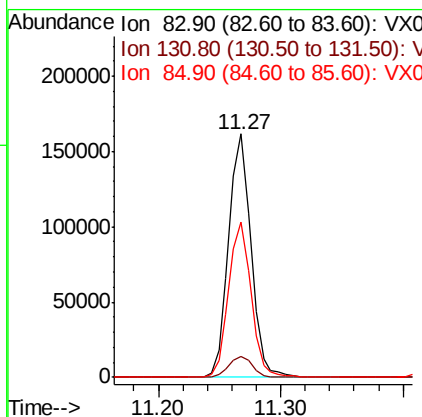
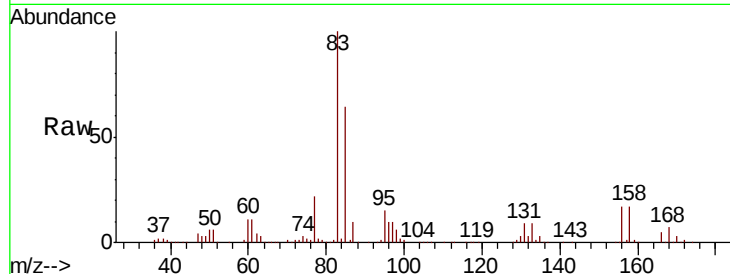




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.151 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

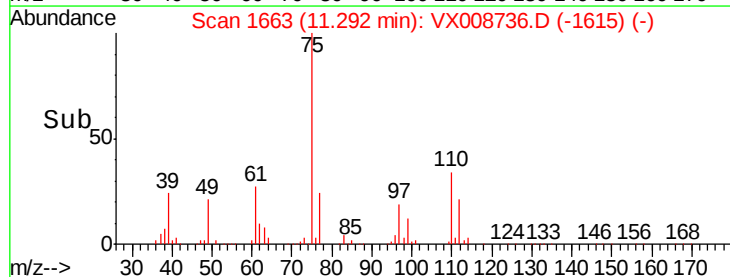
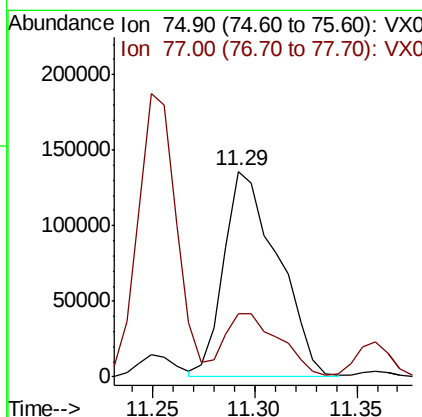
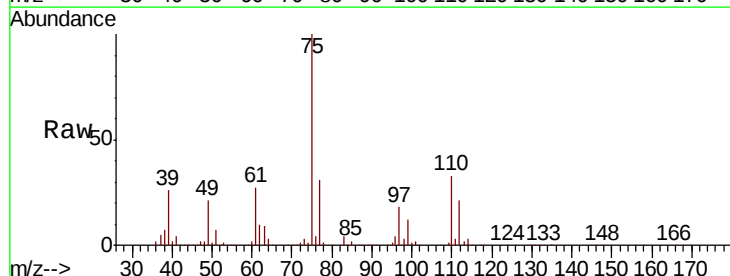
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

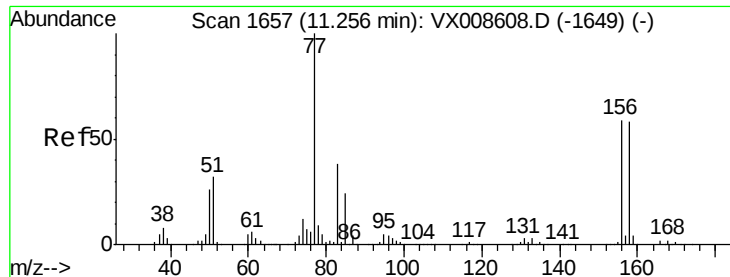
Tot Ion	83	Resp	204405
Ion Ratio	100		
Lower	4.5		
Upper	13.7		
85	64.4	32.0	96.2



#76
 1,2,3-Trichloropropane
 Concen: 67.647 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion	75	Resp	250294
Ion Ratio	100		
Lower	22.3		
Upper	66.8		
77	31.8		





#77

Bromobenzene

Concen: 51.957 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

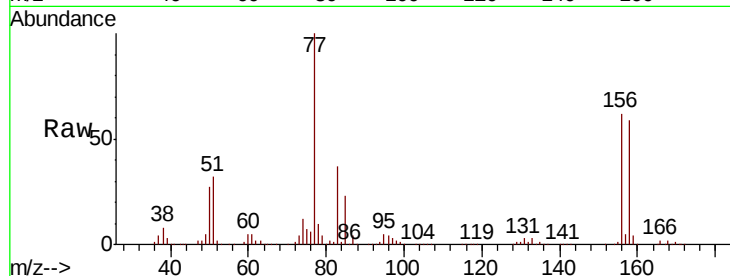
Tot Ion:156 Resp: 139417

Ion Ratio Lower Upper

156 100

77 174.5 89.8 269.6

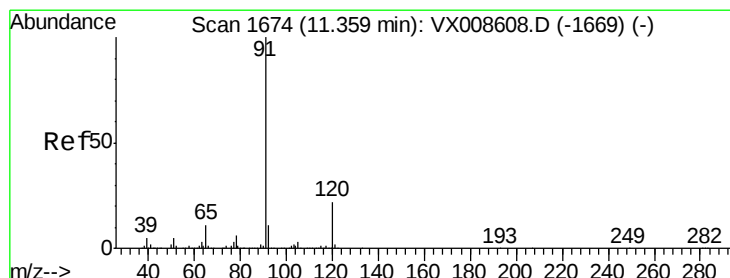
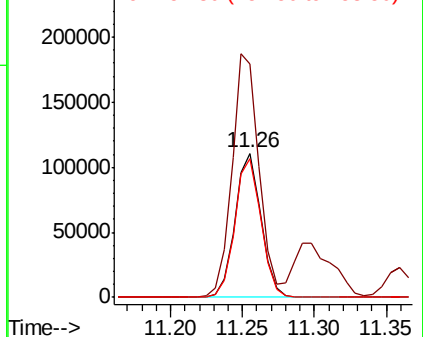
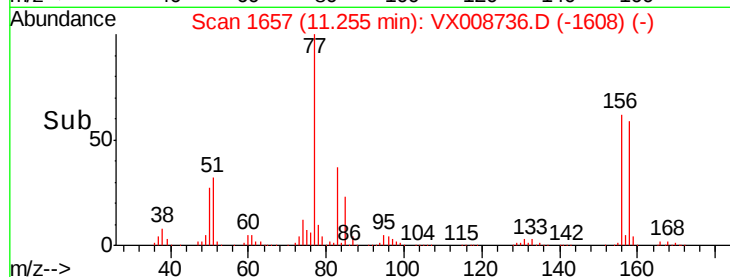
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.234 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008736.D

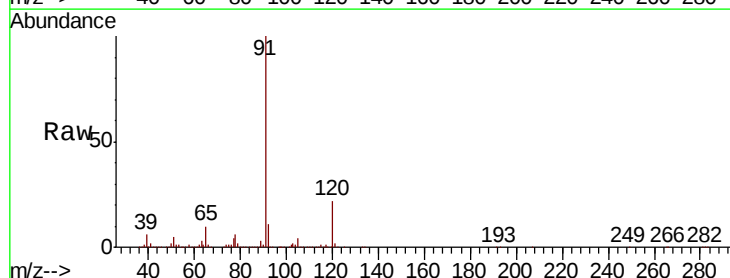
Acq: 08 Apr 2019 10:27

Tgt Ion: 91 Resp: 691858

Ion Ratio Lower Upper

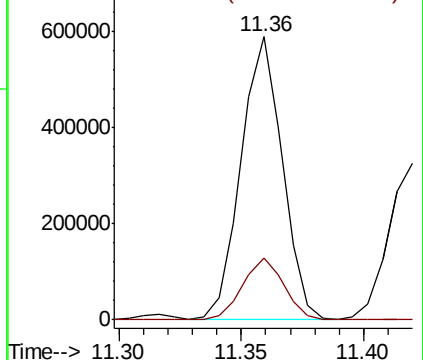
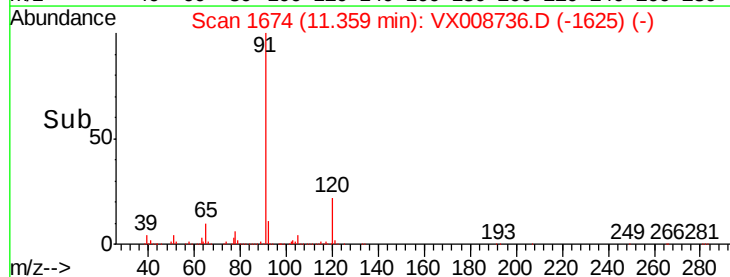
91 100

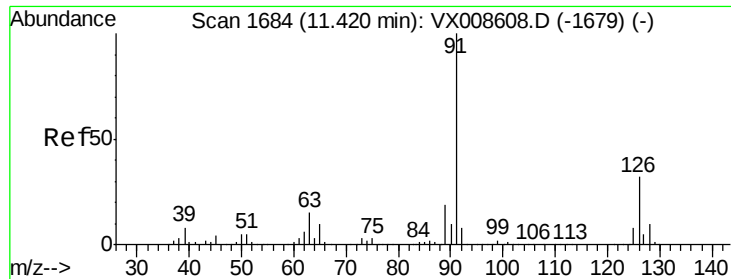
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.707 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

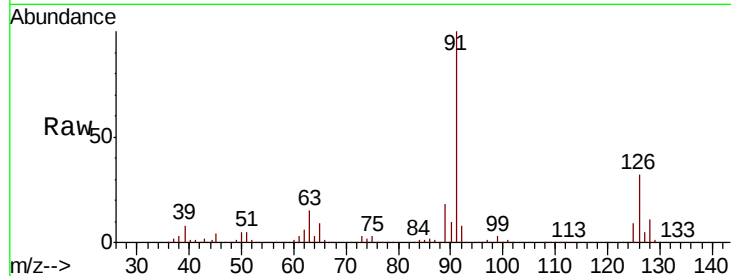
VSTDCCC050

Tot Ion: 91 Resp: 398810

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

600000

400000

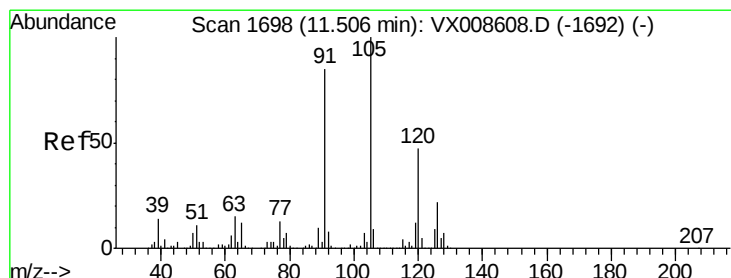
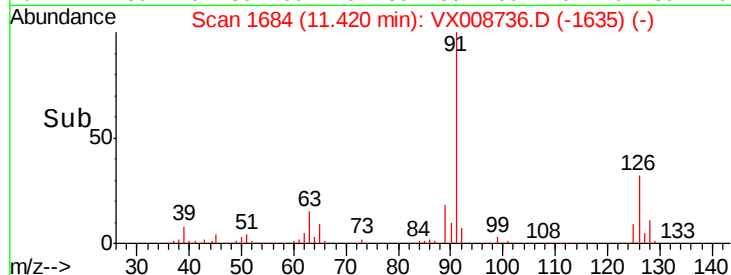
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.979 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008736.D

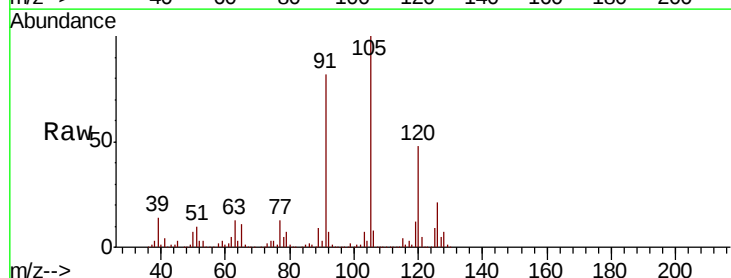
Acq: 08 Apr 2019 10:27

Tgt Ion:105 Resp: 496389

Ion Ratio Lower Upper

105 100

120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

500000

400000

300000

200000

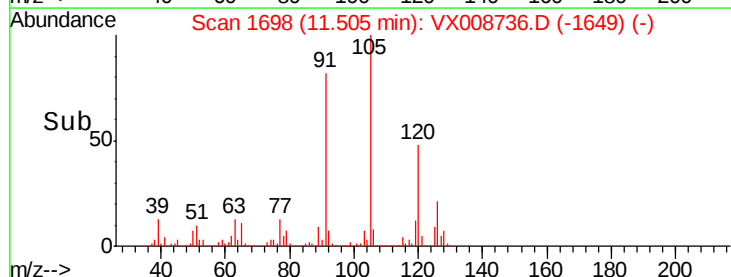
100000

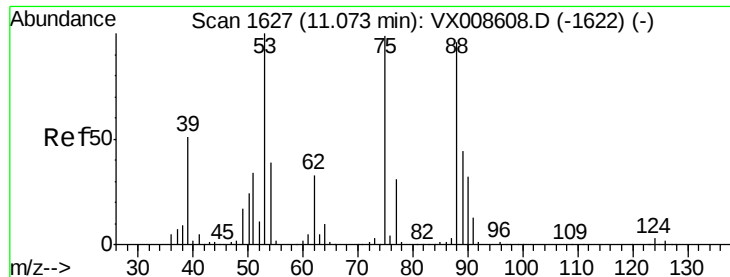
0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

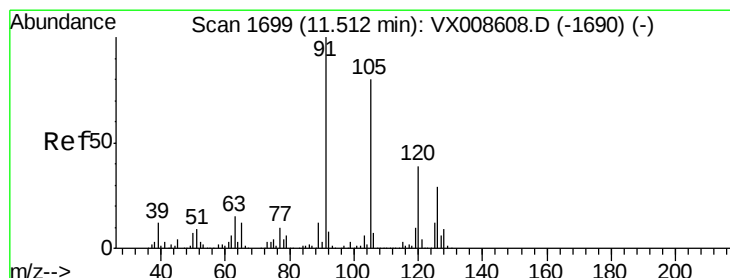
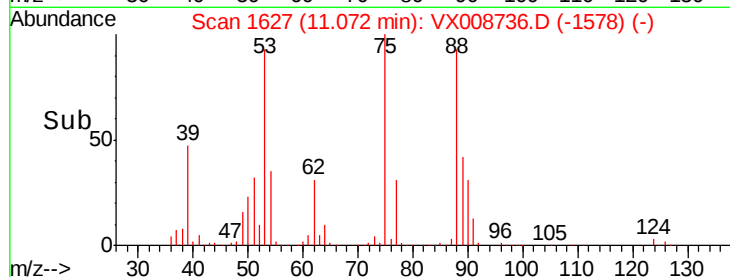
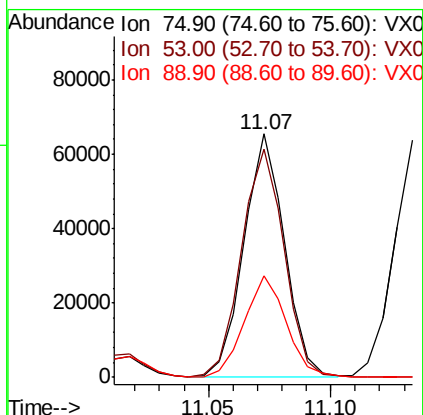
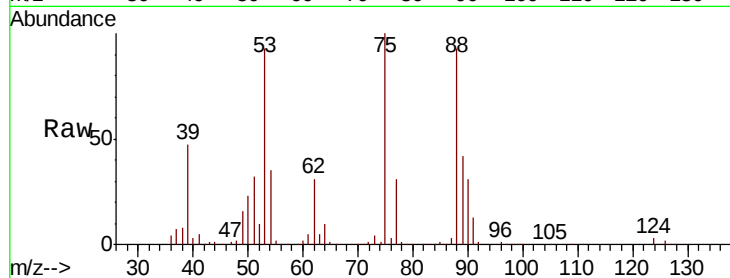
Tot Ion: 75 Resp: 75530

Ion Ratio Lower Upper

75 100

53 97.9 81.3 121.9

89 43.7 35.6 53.4



#82

4-Chlorotoluene

Concen: 51.405 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008736.D

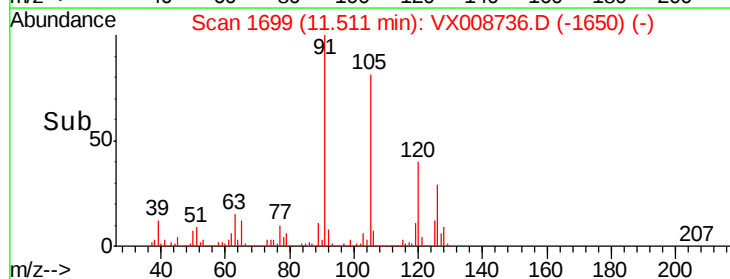
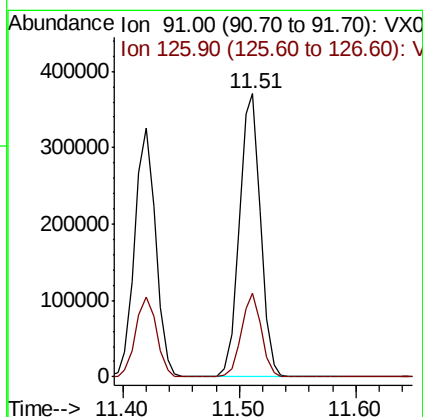
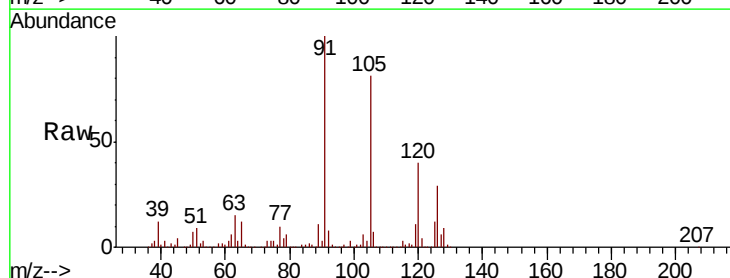
Acq: 08 Apr 2019 10:27

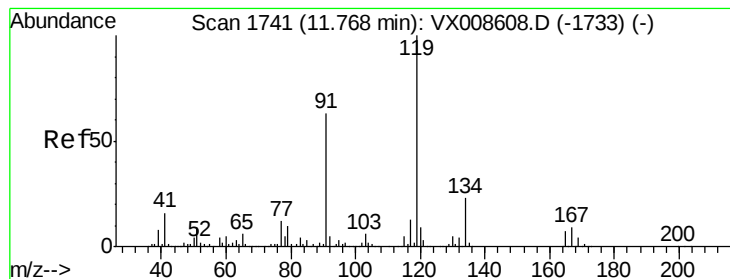
Tgt Ion: 91 Resp: 467992

Ion Ratio Lower Upper

91 100

126 28.1 13.9 41.6





#83

tert-Butylbenzene

Concen: 53.481 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

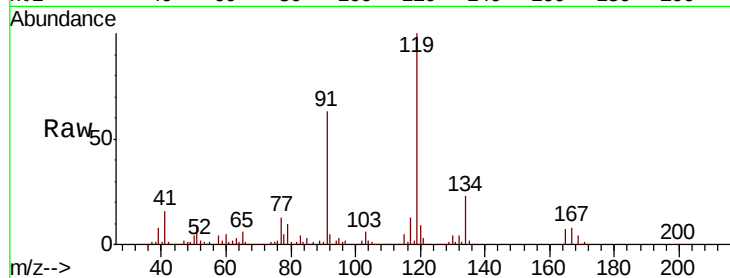
Tot Ion:119 Resp: 482083

Ion Ratio Lower Upper

119 100

91 58.1 30.0 90.1

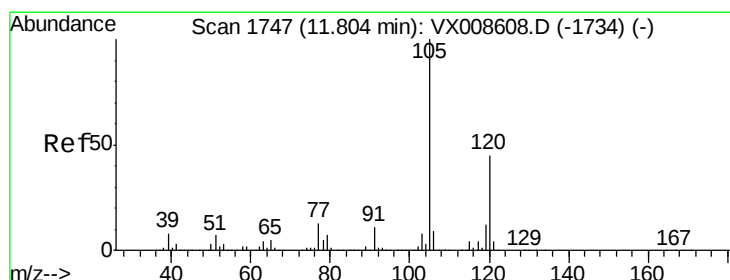
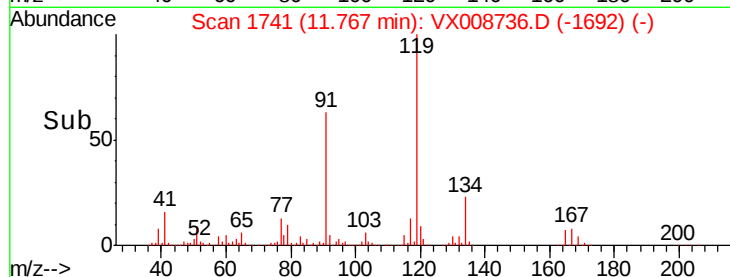
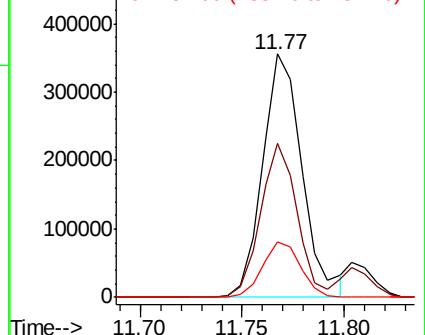
134 21.8 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.598 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008736.D

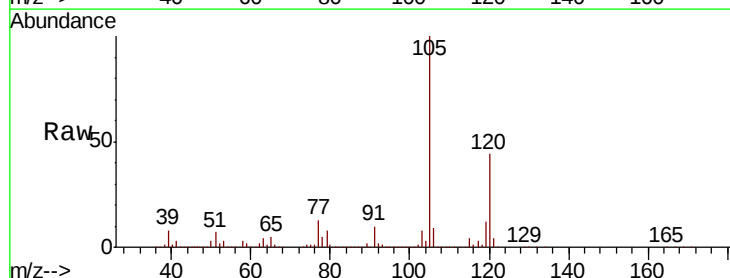
Acq: 08 Apr 2019 10:27

Tgt Ion:105 Resp: 499011

Ion Ratio Lower Upper

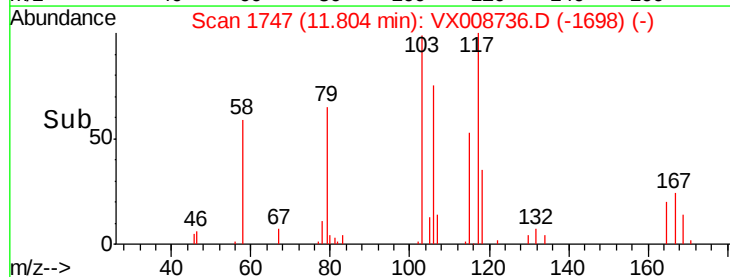
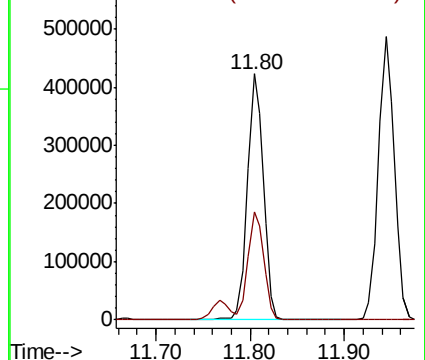
105 100

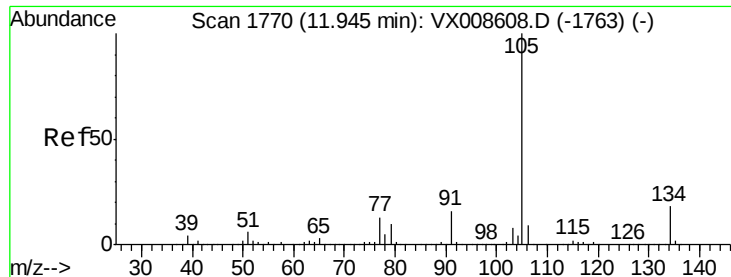
120 43.4 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.730 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

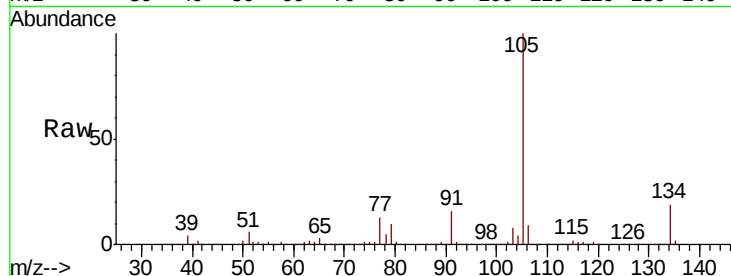
VSTDCCC050

Tot Ion:105 Resp: 575301

Ion Ratio Lower Upper

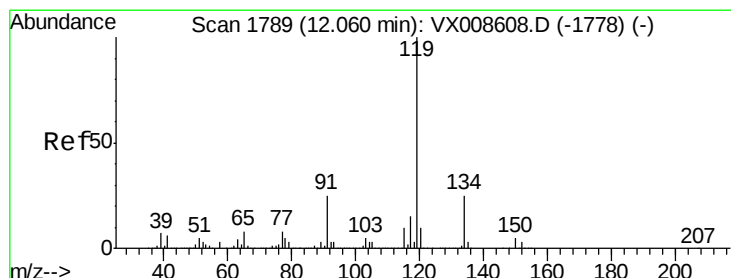
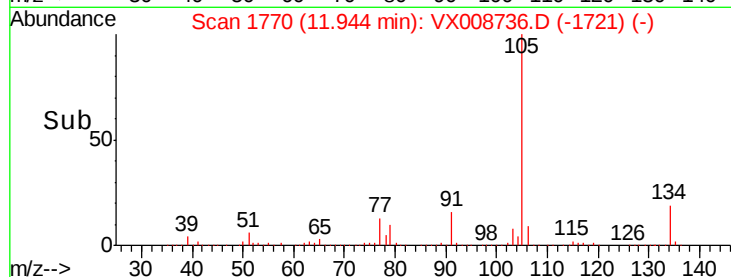
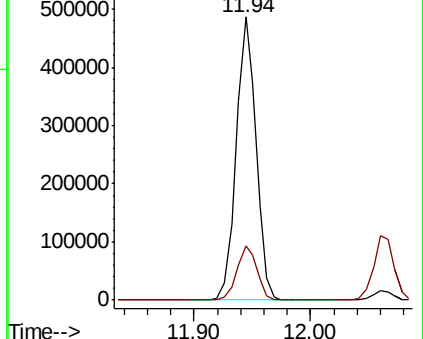
105 100

134 19.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.258 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

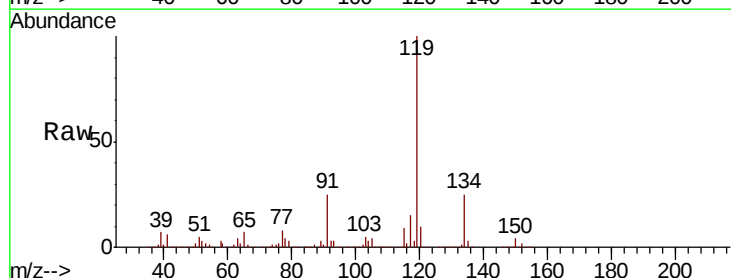
Tgt Ion:119 Resp: 521432

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

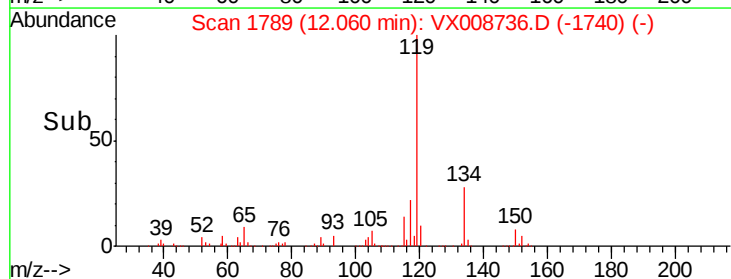
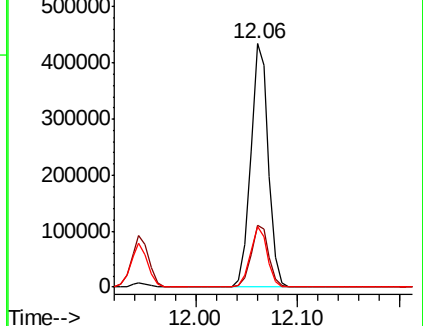
91 24.1 12.2 36.6

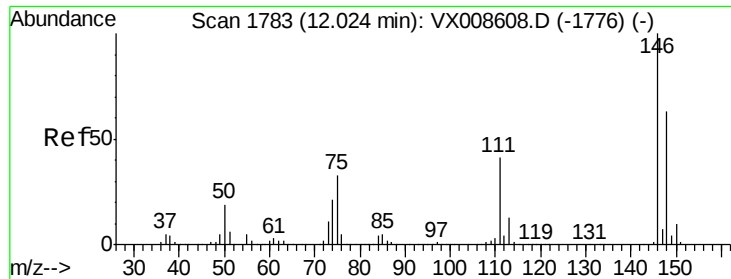


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

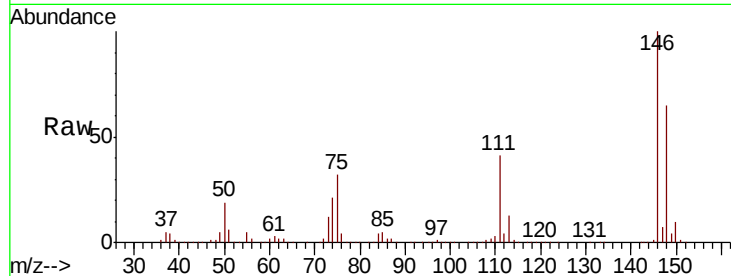
Tot Ion:146 Resp: 246137

Ion Ratio Lower Upper

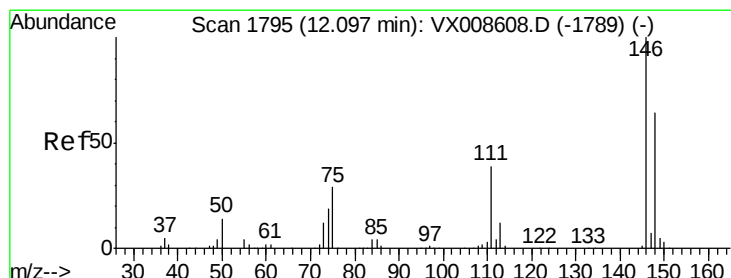
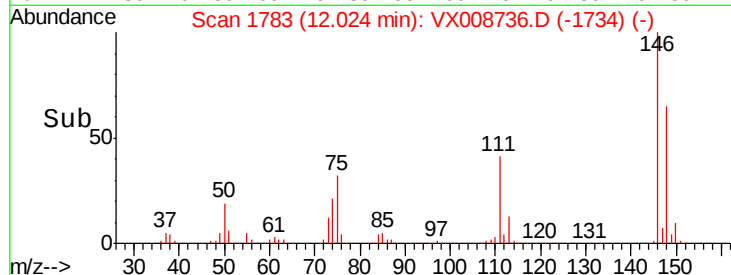
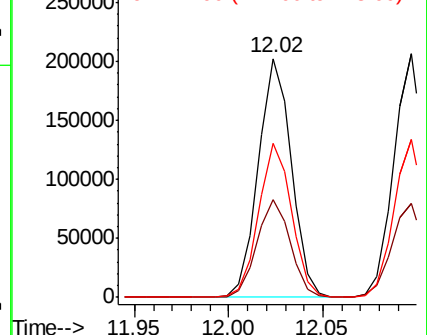
146 100

111 41.3 20.5 61.5

148 64.2 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.533 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

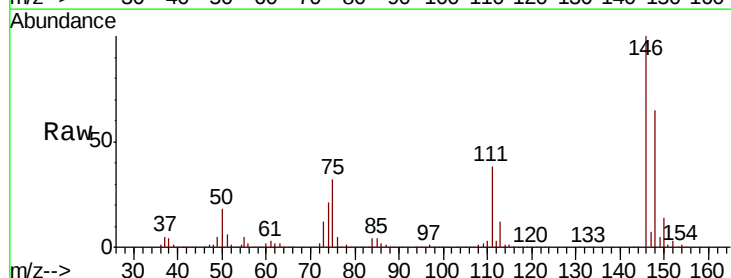
Tgt Ion:146 Resp: 245811

Ion Ratio Lower Upper

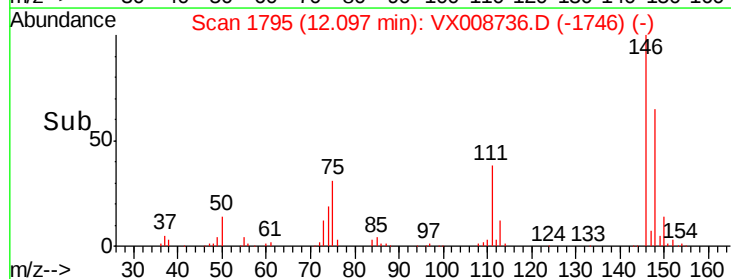
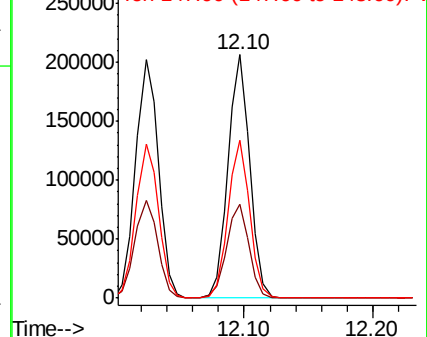
146 100

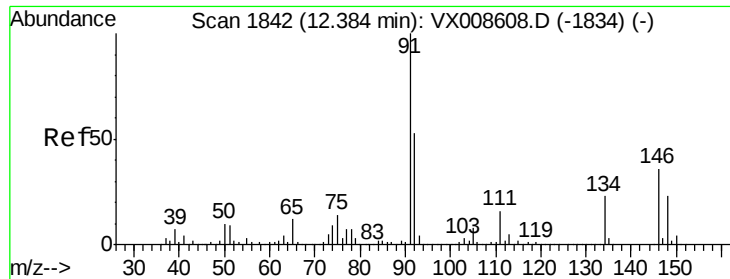
111 39.7 20.2 60.6

148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

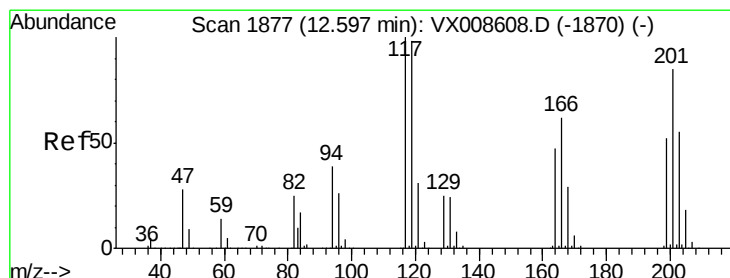
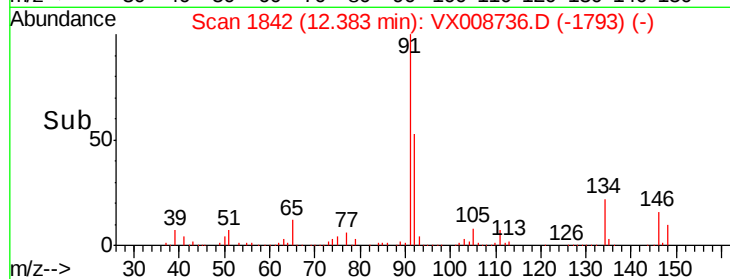
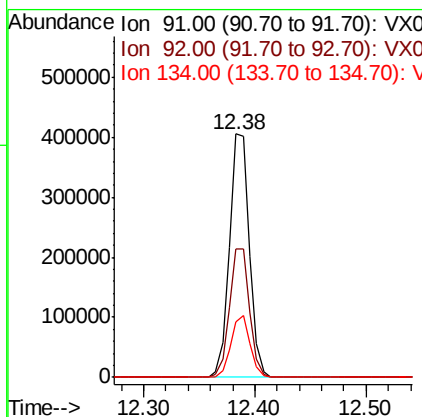
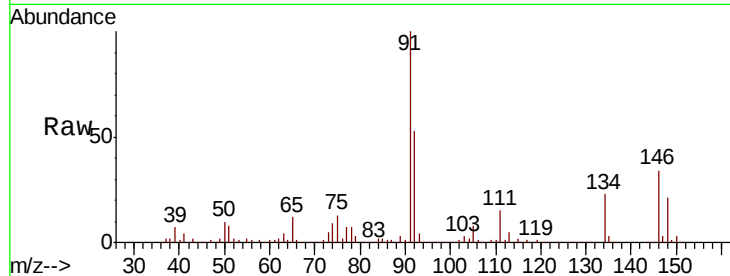




#89
n-Butylbenzene
Concen: 55.343 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

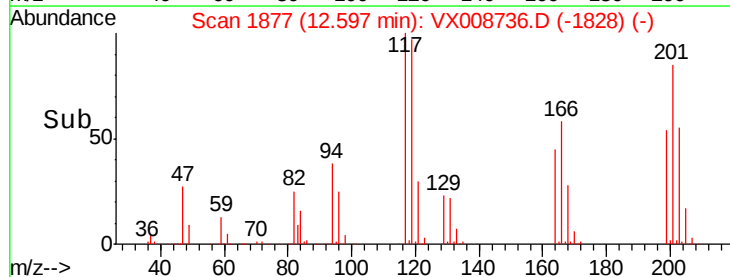
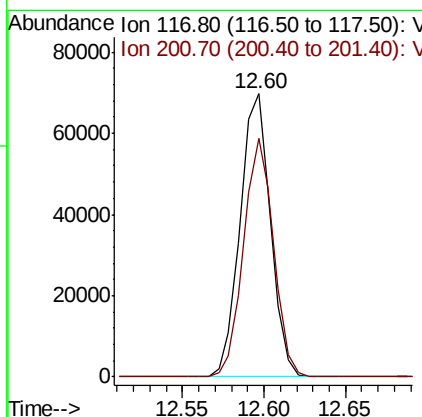
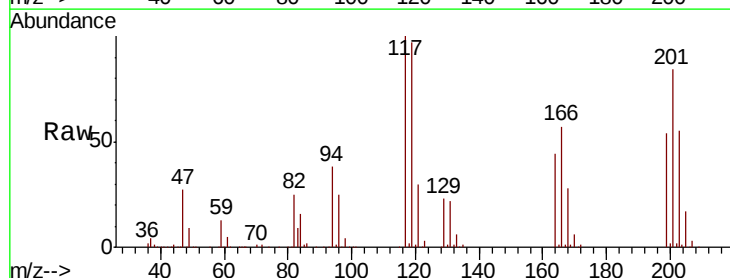
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

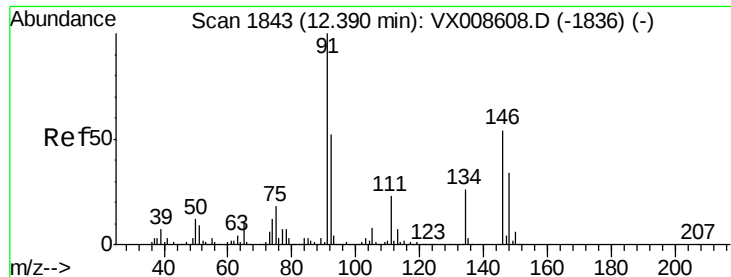
Tot Ion: 91 Resp: 498780
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 24.4 12.0 36.0



#90
Hexachloroethane
Concen: 56.811 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008736.D
Acq: 08 Apr 2019 10:27

Tgt Ion: 117 Resp: 90554
Ion Ratio Lower Upper
117 100
201 83.0 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 50.695 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

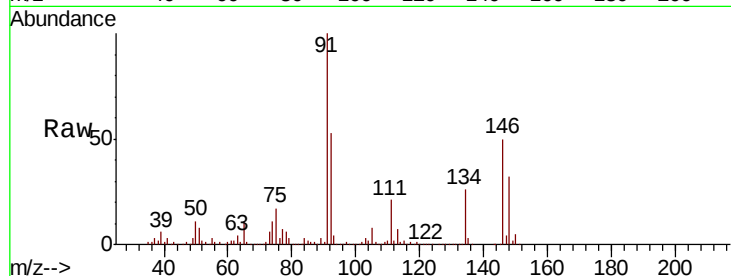
Tot Ion:146 Resp: 241794

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.9

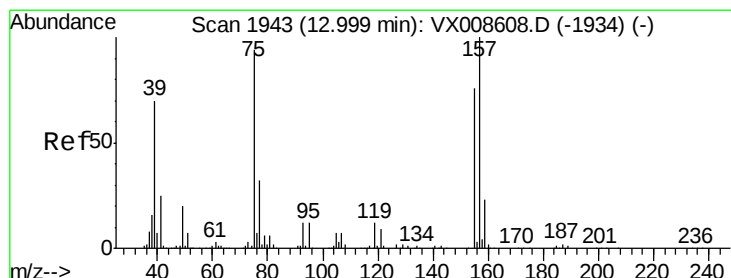
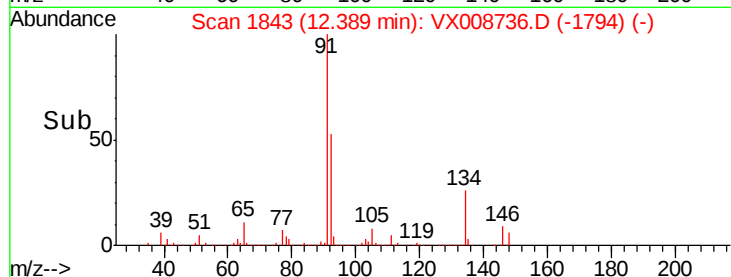
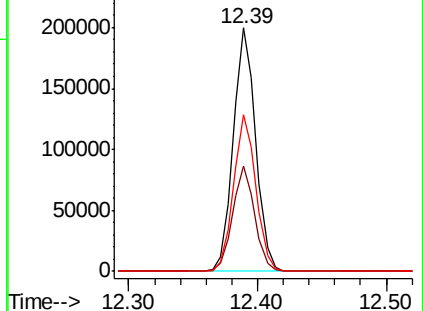
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.406 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

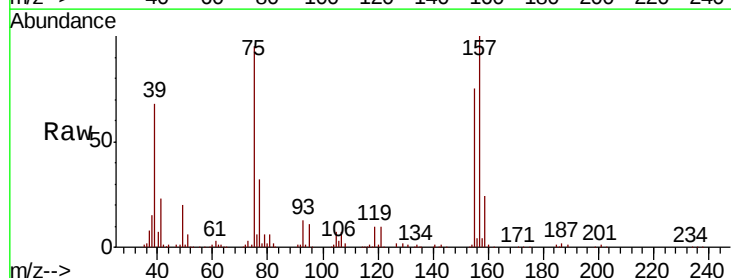
Tgt Ion: 75 Resp: 46137

Ion Ratio Lower Upper

75 100

155 80.2 39.9 119.6

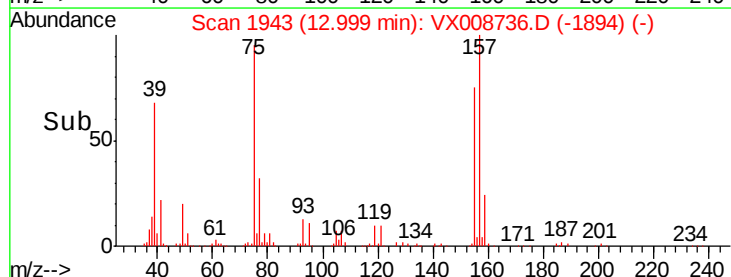
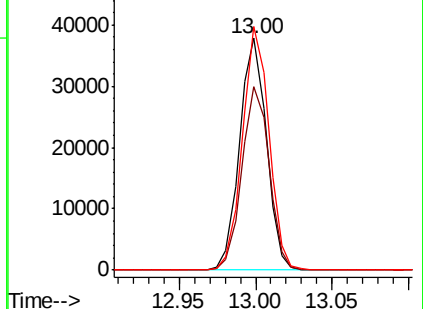
157 103.5 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

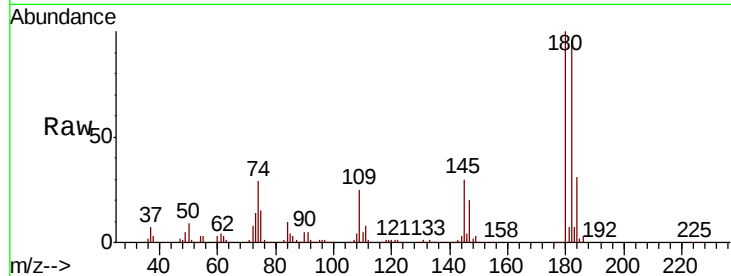




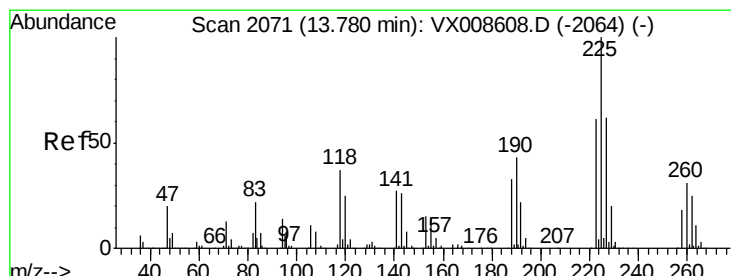
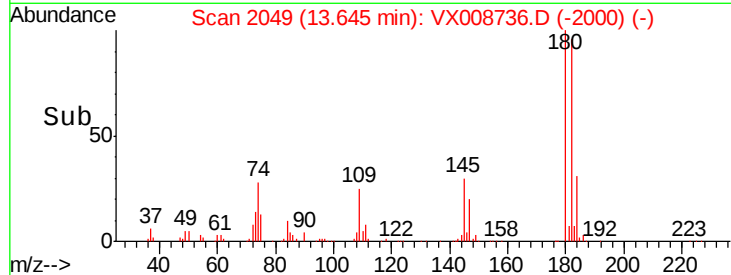
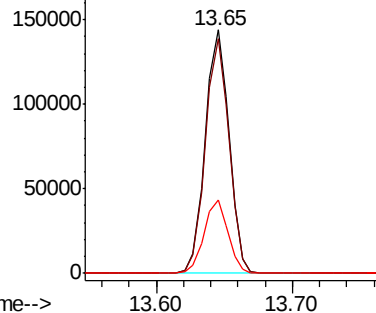
#93
 1,2,4-Trichlorobenzene
 Concen: 52.720 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.2	141.6
145	30.2	15.3	45.9

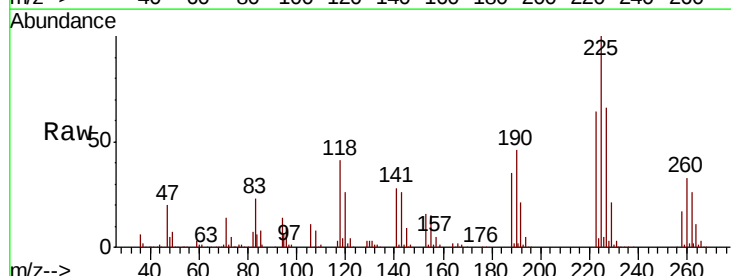


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

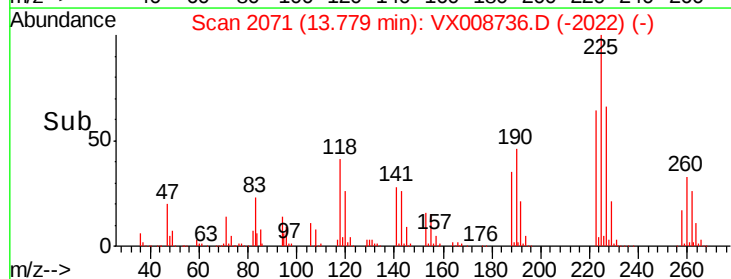
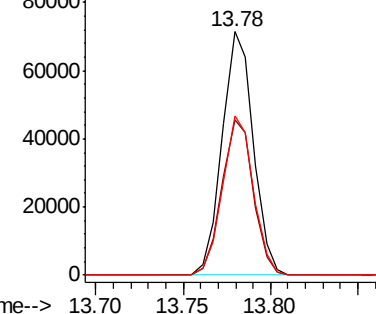


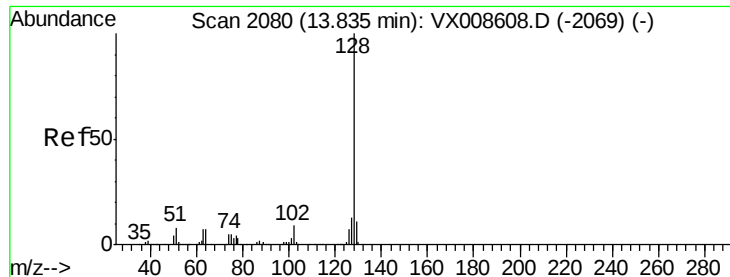
#94
 Hexachlorobutadiene
 Concen: 55.748 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008736.D
 Acq: 08 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.2	93.6
227	64.3	31.9	95.5



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





#95

Naphthalene

Concen: 51.468 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

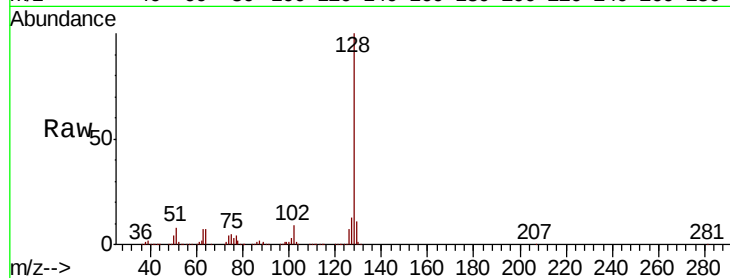
Tot Ion:128 Resp: 570449

Ion Ratio Lower Upper

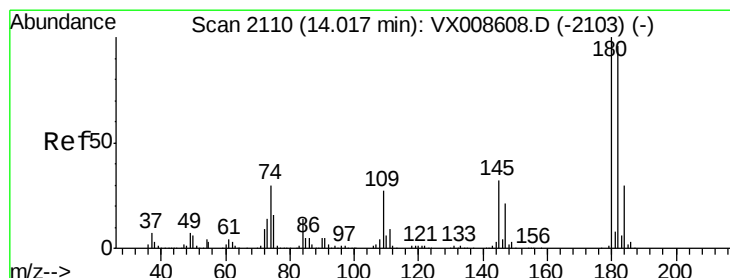
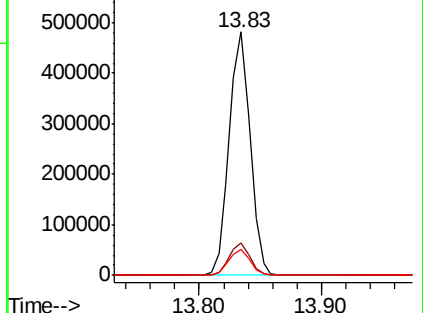
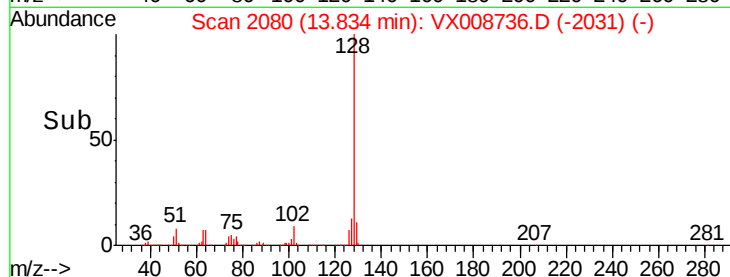
128 100

127 13.1 10.4 15.6

129 10.8 8.6 13.0



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: 52.335 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008736.D

Acq: 08 Apr 2019 10:27

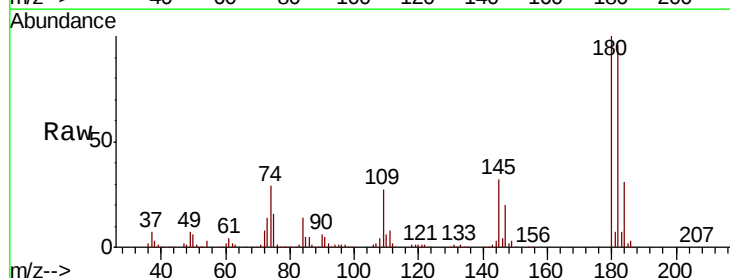
Tgt Ion:180 Resp: 173405

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.3

145 31.7 16.3 48.8



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

