

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010821.D
 Acq On : 11 Jul 2019 20:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 06:58:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105421	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.49	113	98575	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	8.71	98	363099	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
62) 4-Bromofluorobenzene	11.13	95	140138	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82932	48.712	ug/l	97
3) Chloromethane	1.32	50	82077	41.402	ug/l	98
4) Vinyl Chloride	1.41	62	93396	43.012	ug/l	98
5) Bromomethane	1.64	94	32540	30.760	ug/l	98
6) Chloroethane	1.71	64	64005	49.962	ug/l	98
7) Trichlorofluoromethane	1.92	101	163414	47.475	ug/l	99
8) Diethyl Ether	2.19	74	57359	46.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93081	44.623	ug/l	99
10) Methyl Iodide	2.51	142	67239	22.587	ug/l	96
11) Tert butyl alcohol	3.06	59	118080	196.541	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93245	43.930	ug/l	96
13) Acrolein	2.29	56	66496	166.845	ug/l	99
14) Allyl chloride	2.73	41	136754	45.381	ug/l	97
15) Acrylonitrile	3.14	53	277459	233.257	ug/l	100
16) Acetone	2.45	43	224593	195.181	ug/l	97
17) Carbon Disulfide	2.57	76	225579	39.613	ug/l	100
18) Methyl Acetate	2.78	43	110729	48.282	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304739	45.637	ug/l	98
20) Methylene Chloride	2.85	84	107427	45.365	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	98172	43.004	ug/l	98
22) Diisopropyl ether	3.85	45	294117	46.682	ug/l	97
23) Vinyl Acetate	3.81	43	1291561	237.292	ug/l	98
24) 1,1-Dichloroethane	3.70	63	166472	45.710	ug/l	99
25) 2-Butanone	4.67	43	375482	222.453	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118629	37.497	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115159	43.653	ug/l	97
28) Bromochloromethane	5.01	49	75483	43.350	ug/l	93
29) Tetrahydrofuran	5.13	42	244970	234.307	ug/l	98
30) Chloroform	5.21	83	179533	45.817	ug/l	98
31) Cyclohexane	5.58	56	146822	44.271	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155821	45.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127621	42.955	ug/l	99
37) Ethyl Acetate	4.83	43	141624	46.336	ug/l	99
38) Carbon Tetrachloride	5.79	117	134863	41.919	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161411	41.331	ug/l	99
40) Benzene	6.14	78	406493	43.916	ug/l	100
41) Methacrylonitrile	5.04	41	77178	46.021	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137564	48.823	ug/l	97
43) Isopropyl Acetate	6.45	43	229236	45.331	ug/l	98
44) Trichloroethene	7.21	130	118129	42.651	ug/l	98
45) 1,2-Dichloropropane	7.51	63	102017	43.645	ug/l	99
46) Dibromomethane	7.66	93	74582	44.472	ug/l	97
47) Bromodichloromethane	7.90	83	133208	43.342	ug/l	99
48) Methyl methacrylate	7.77	41	109728	46.682	ug/l	97
49) 1,4-Dioxane	7.74	88	59857	883.991	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	770331	238.183	ug/l	97
52) Toluene	8.78	92	266139	43.661	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142768	41.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159281	42.537	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	110084	43.790	ug/l	97
56) Ethyl methacrylate	9.18	69	173392	45.531	ug/l	95
57) 1,3-Dichloropropane	9.37	76	176159	45.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	365588	202.133	ug/l	99
59) 2-Hexanone	9.49	43	585047	229.843	ug/l	97
60) Dibromochloromethane	9.58	129	117276	41.665	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120235	44.310	ug/l	99
64) Tetrachloroethene	9.34	164	110658	39.415	ug/l	98
65) Chlorobenzene	10.14	112	300772	42.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109476	42.649	ug/l	100
67) Ethyl Benzene	10.25	91	518228	43.560	ug/l	99
68) m/p-Xylenes	10.36	106	401867	87.177	ug/l	99
69) o-Xylene	10.69	106	195586	43.145	ug/l	99
70) Styrene	10.71	104	336156	44.217	ug/l	98
71) Bromoform	10.85	173	89558	40.120	ug/l #	99
73) Isopropylbenzene	11.02	105	518143	42.778	ug/l	99
74) N-amyl acetate	10.90	43	210226	45.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	174101	43.403	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182958	56.190	ug/l	80
77) Bromobenzene	11.26	156	142371	42.095	ug/l	98
78) n-propylbenzene	11.36	91	589694	44.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	344089	43.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	442975	44.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43687	31.301	ug/l	88
82) 4-Chlorotoluene	11.51	91	401309	44.491	ug/l	100
83) tert-Butylbenzene	11.77	119	433640	43.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441654	44.025	ug/l	99
85) sec-Butylbenzene	11.94	105	518520	44.065	ug/l	99
86) p-Isopropyltoluene	12.06	119	476115	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251218	42.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246825	41.067	ug/l	99
89) n-Butylbenzene	12.38	91	410058	44.336	ug/l	99
90) Hexachloroethane	12.60	117	68796	36.554	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	246192	41.958	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35633	41.201	ug/l	92

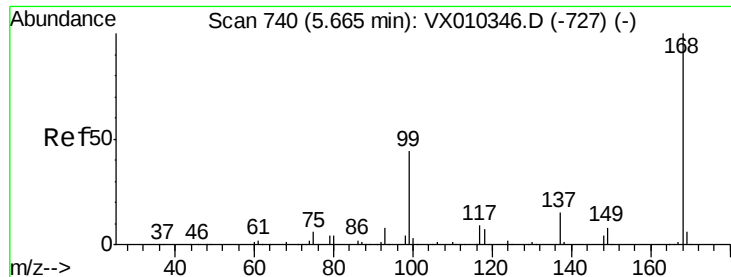
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170895	41.999	ug/l	99
94) Hexachlorobutadiene	13.78	225	80912	40.686	ug/l	99
95) Naphthalene	13.83	128	531424	42.499	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	173615	42.914	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. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

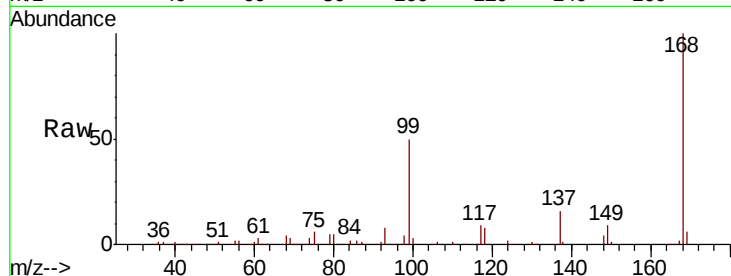
VSTDCCC050EC

Tot Ion:168 Resp: 244882

Ion Ratio Lower Upper

168 100

99 50.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

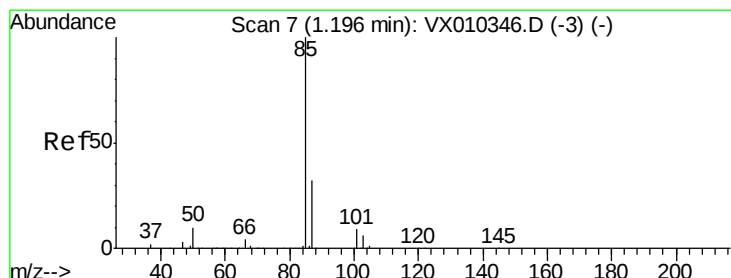
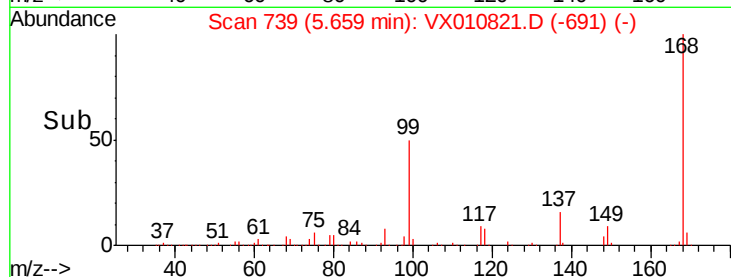
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.712 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010821.D

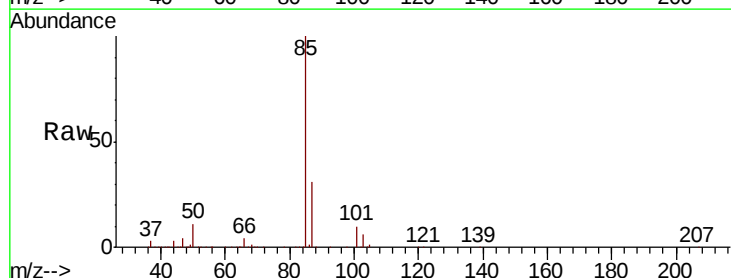
Acq: 11 Jul 2019 20:40

Tgt Ion: 85 Resp: 82932

Ion Ratio Lower Upper

85 100

87 30.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

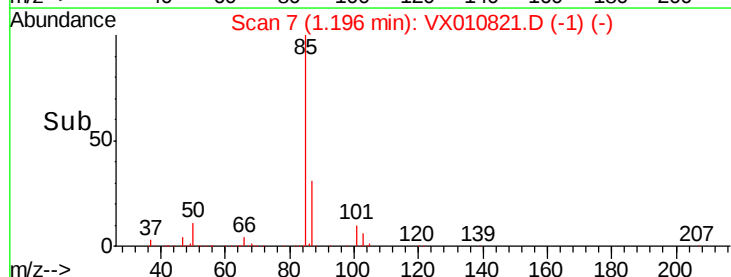
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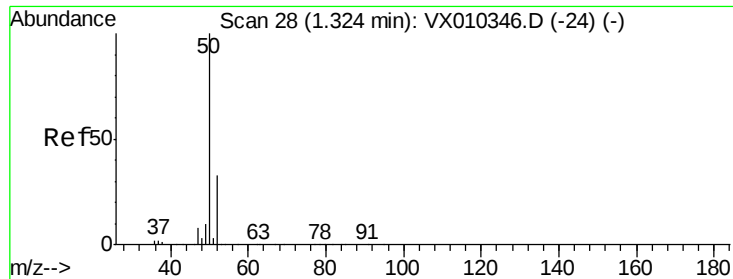
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.402 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

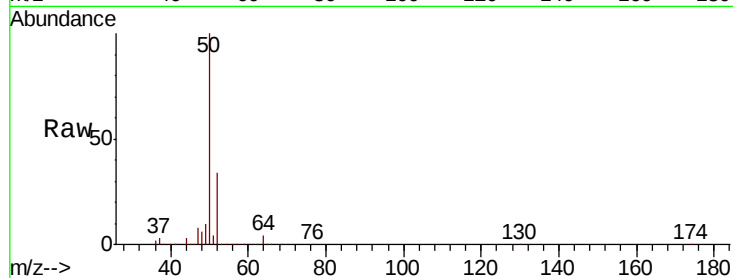
VSTDCCC050EC

Tot Ion: 50 Resp: 82077

Ion Ratio Lower Upper

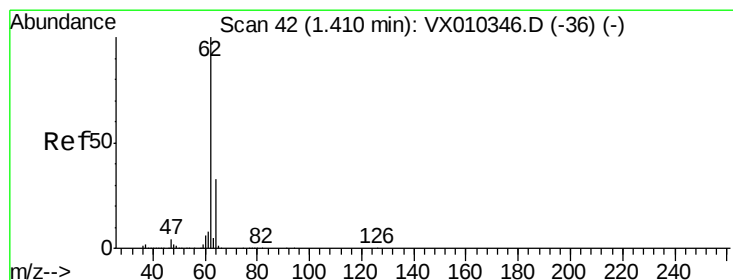
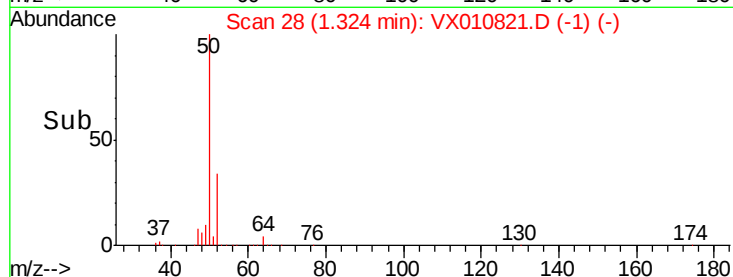
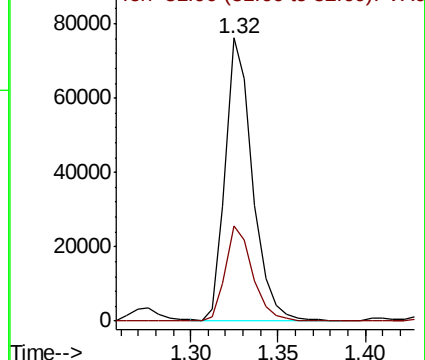
50 100

52 34.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010821.D

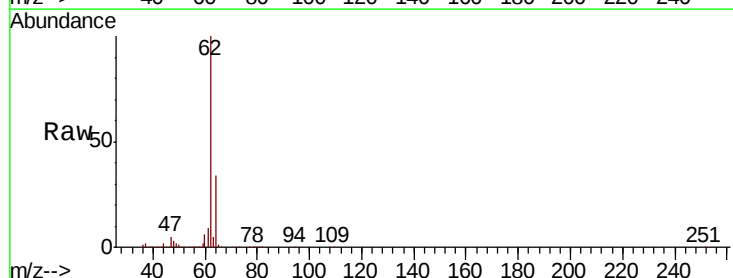
Acq: 11 Jul 2019 20:40

Tgt Ion: 62 Resp: 93396

Ion Ratio Lower Upper

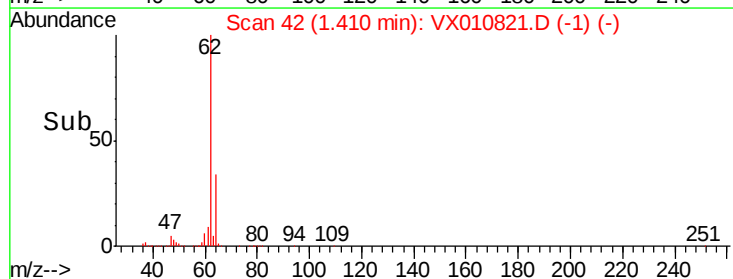
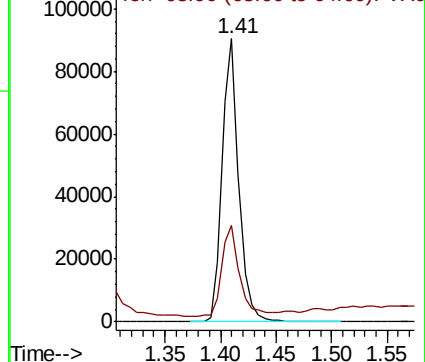
62 100

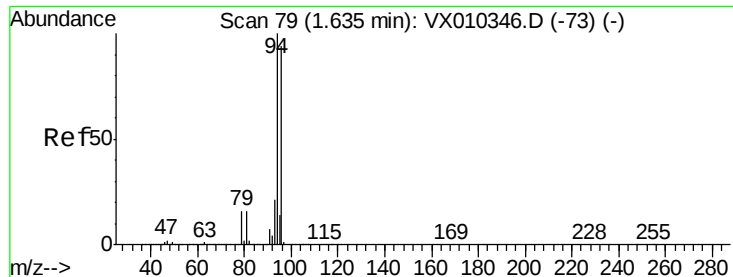
64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.760 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

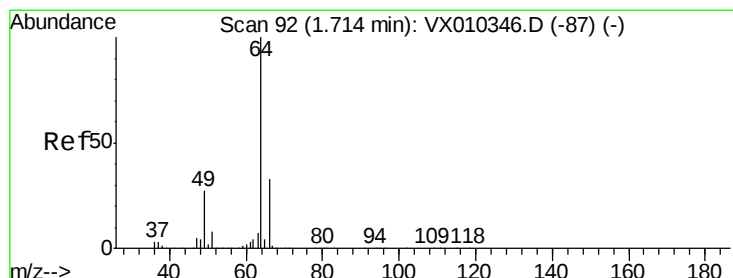
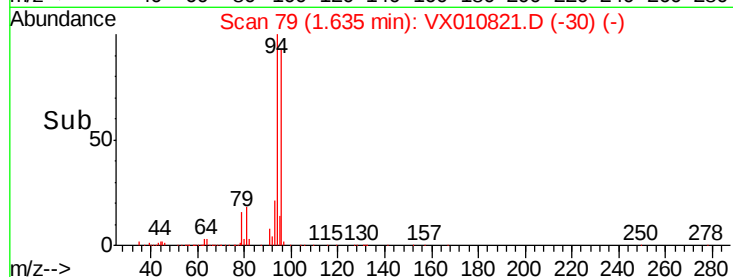
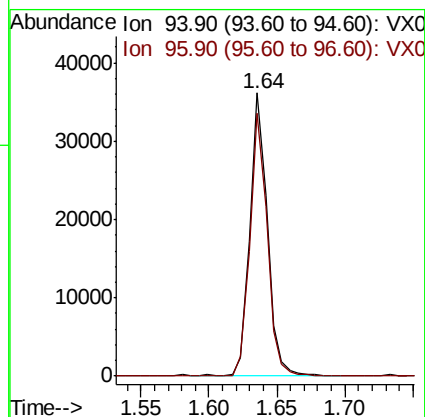
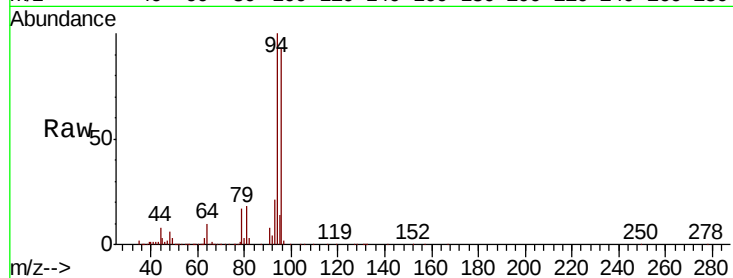
VSTDCCC050EC

Tot Ion: 94 Resp: 32540

Ion Ratio Lower Upper

94 100

96 92.9 75.5 113.3



#6

Chloroethane

Concen: 49.962 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010821.D

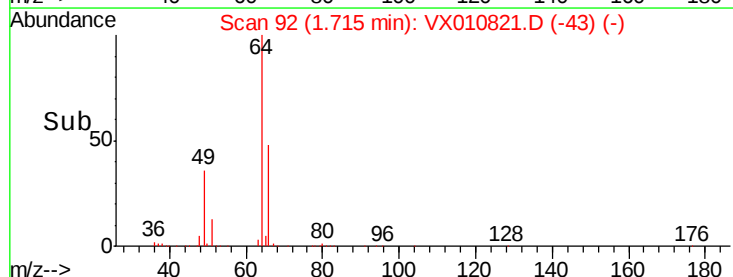
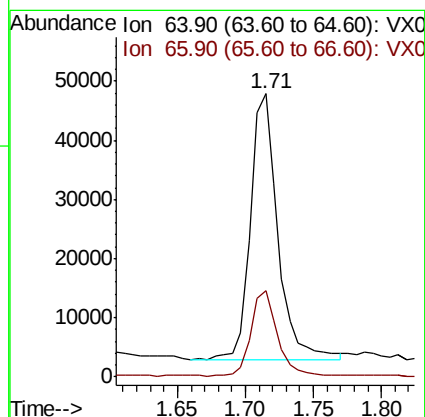
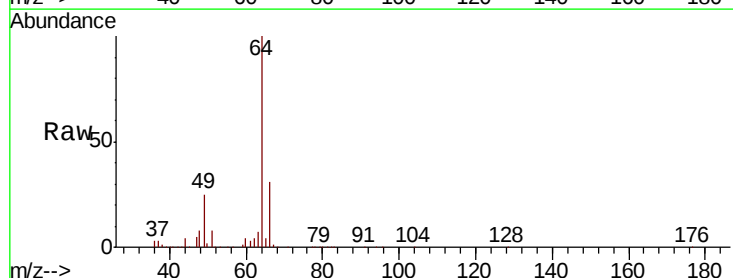
Acq: 11 Jul 2019 20:40

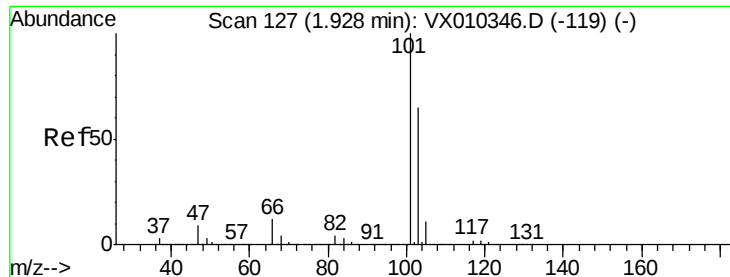
Tgt Ion: 64 Resp: 64005

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0



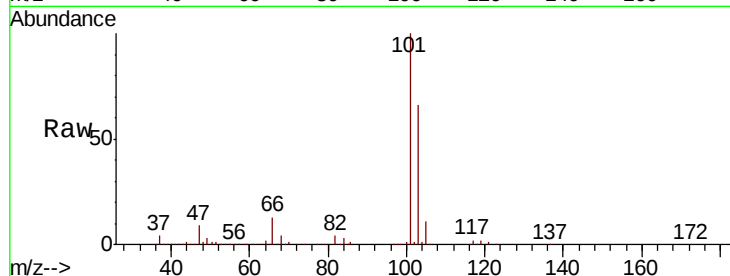


#7

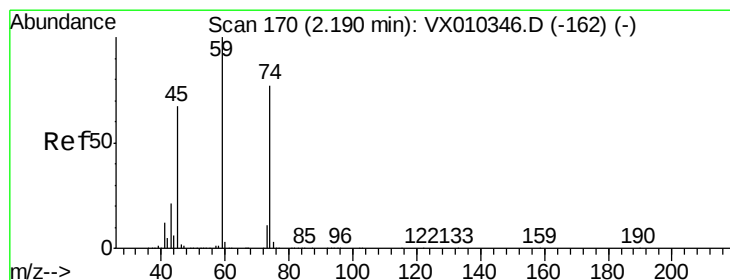
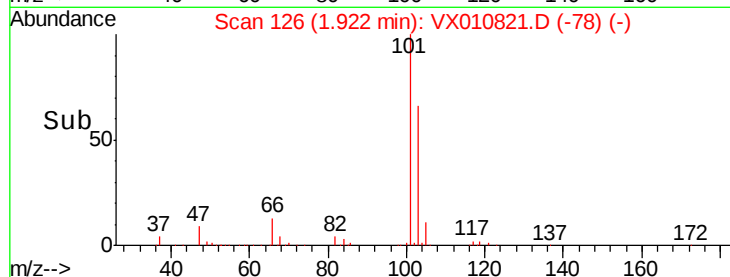
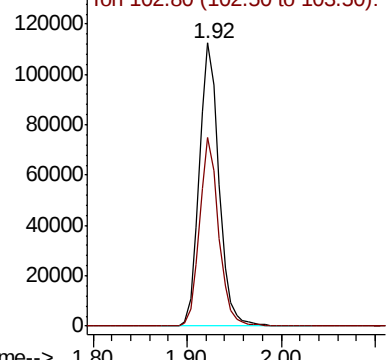
Trichlorofluoromethane
 Concen: 47.475 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 163414
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5



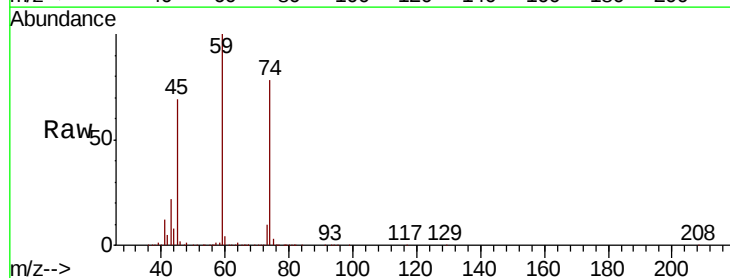
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



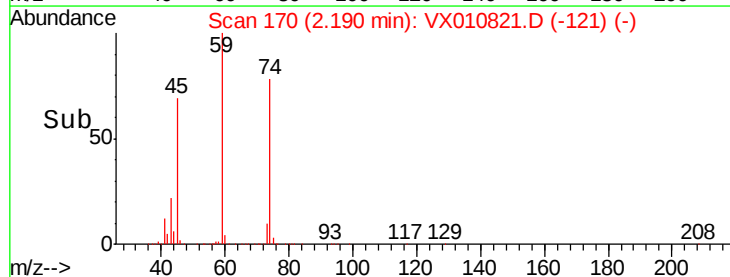
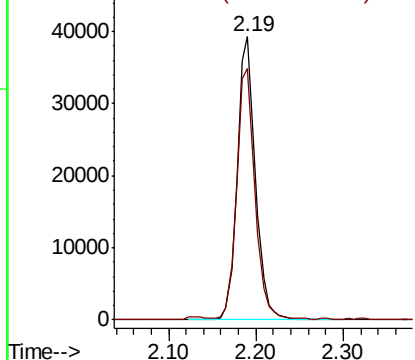
#8

Diethyl Ether
 Concen: 46.467 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 74 Resp: 57359
 Ion Ratio Lower Upper
 74 100
 45 88.7 44.8 134.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.623 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

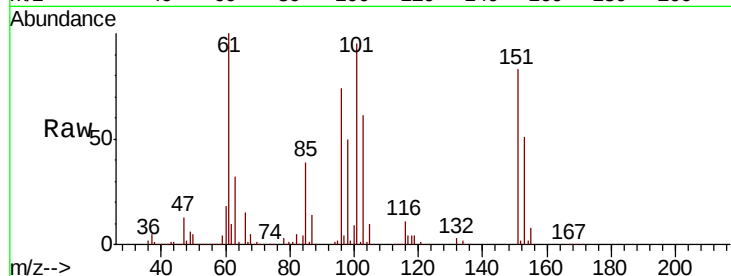
Tot Ion:101 Resp: 93081

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

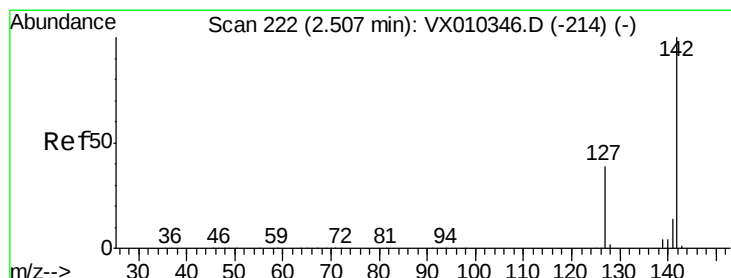
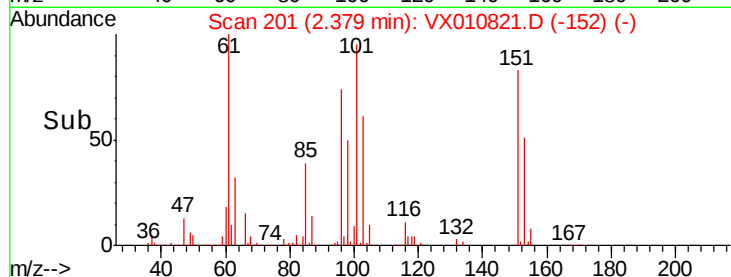
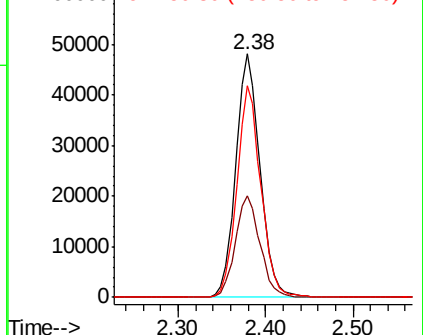
151 85.7 70.1 105.1



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: 22.587 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

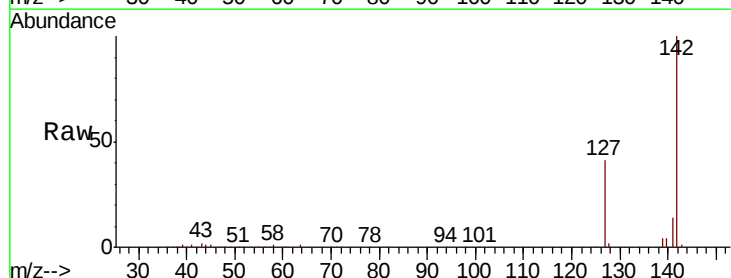
Tgt Ion:142 Resp: 67239

Ion Ratio Lower Upper

142 100

127 41.7 31.1 46.7

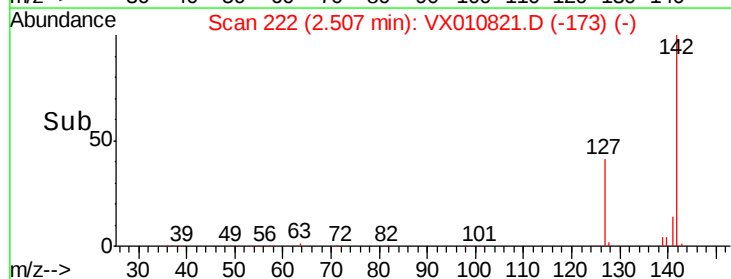
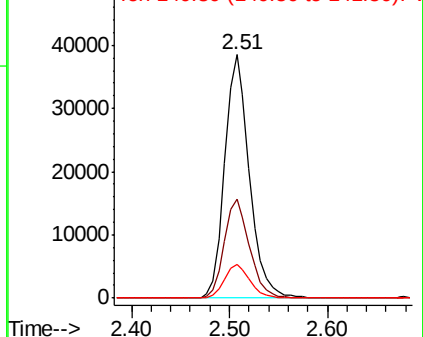
141 14.6 11.2 16.8



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



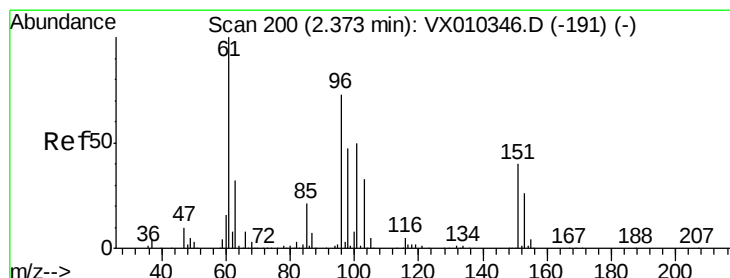
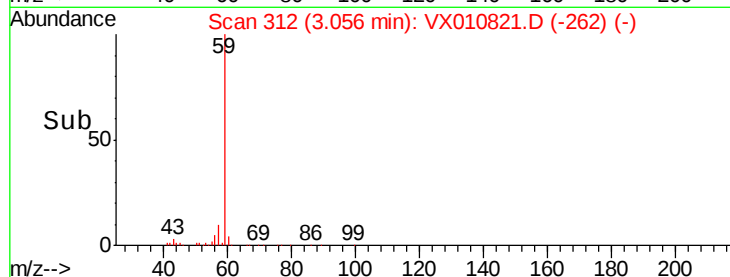
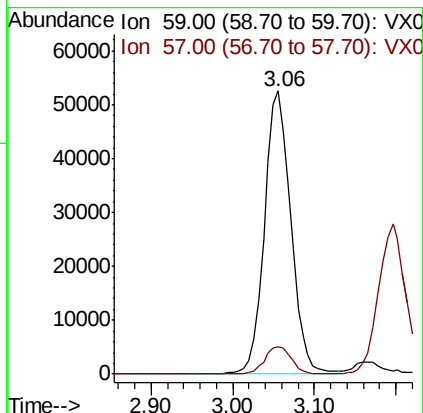
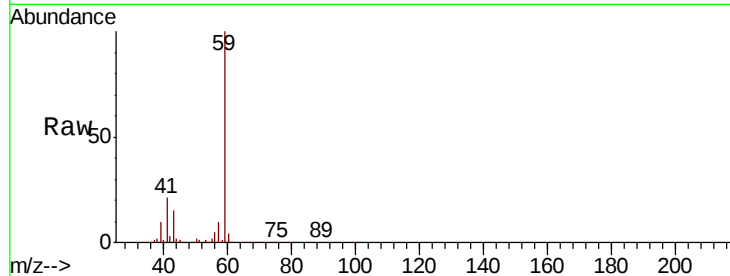


#11

Tert butyl alcohol
Concen: 196.541 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

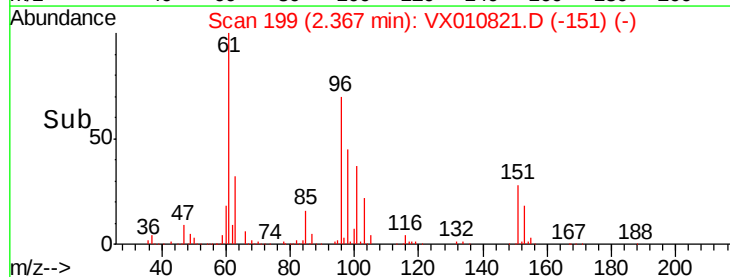
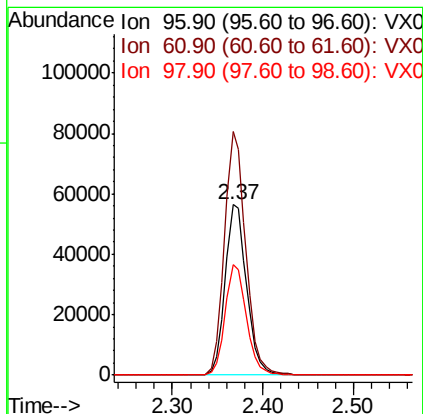
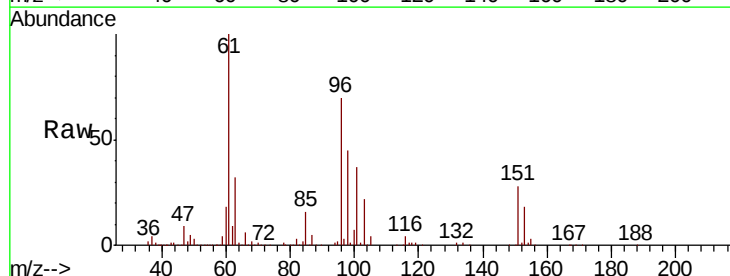
Tot Ion: 59 Resp: 118080
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12

1,1-Dichloroethene
Concen: 43.930 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 96 Resp: 93245
Ion Ratio Lower Upper
96 100
61 142.9 109.2 163.8
98 64.8 51.1 76.7





#13

Acrolein

Concen: 166.845 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

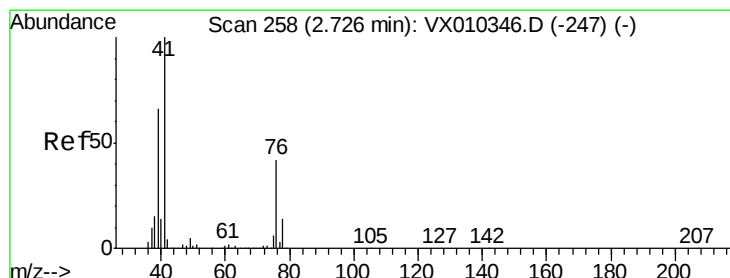
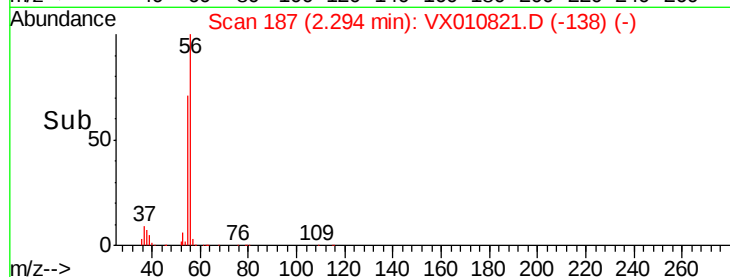
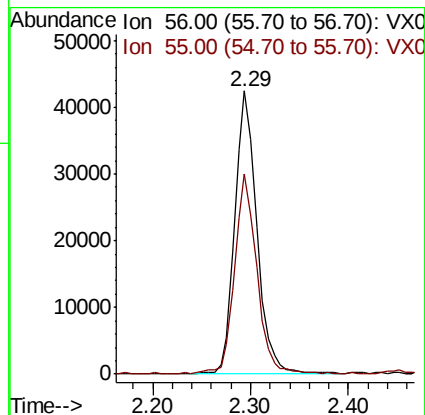
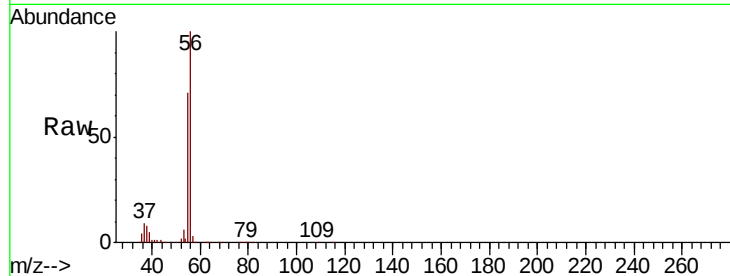
VSTDCCC050EC

Tot Ion: 56 Resp: 66496

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 45.381 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

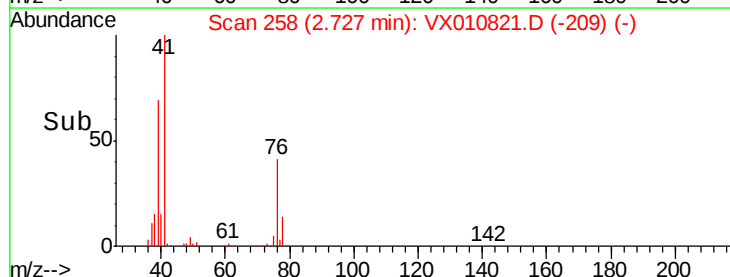
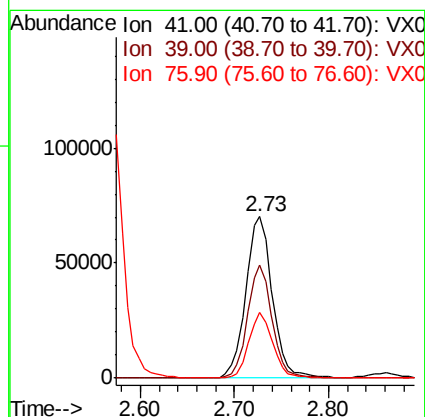
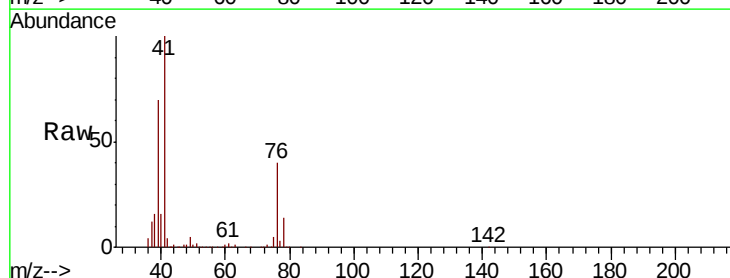
Tgt Ion: 41 Resp: 136754

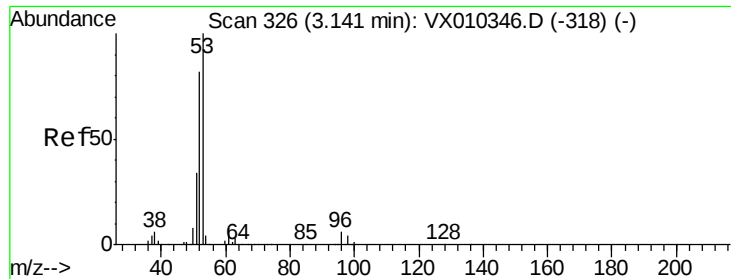
Ion Ratio Lower Upper

41 100

39 64.6 50.3 75.5

76 36.8 31.3 46.9





#15

Acrylonitrile

Concen: 233.257 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

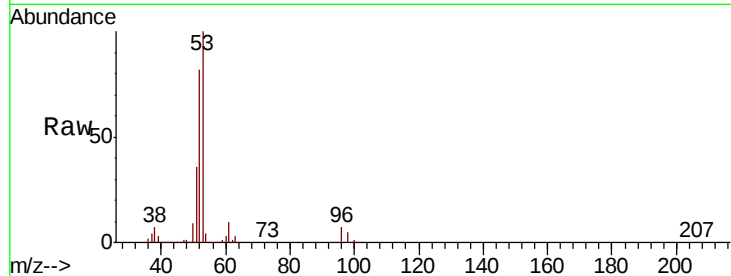
Tot Ion: 53 Resp: 277459

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

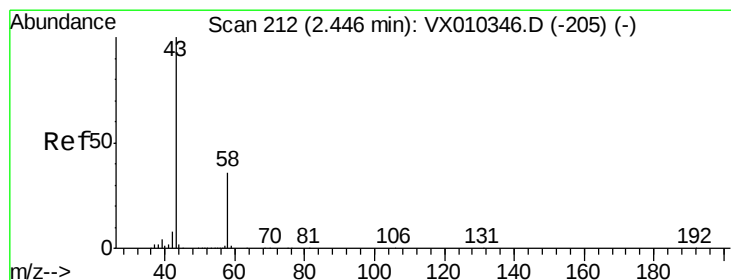
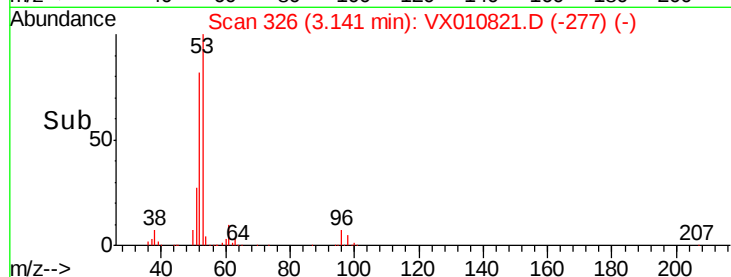
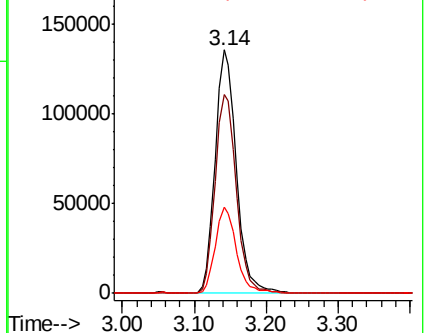
51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 195.181 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010821.D

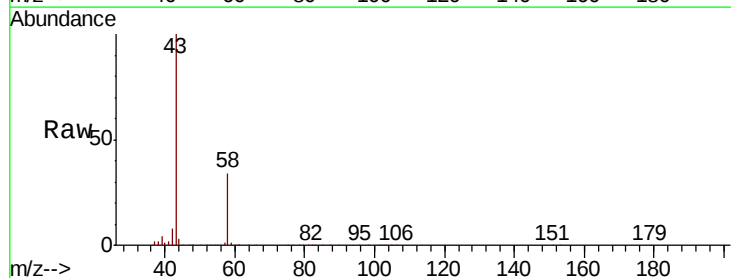
Acq: 11 Jul 2019 20:40

Tgt Ion: 43 Resp: 224593

Ion Ratio Lower Upper

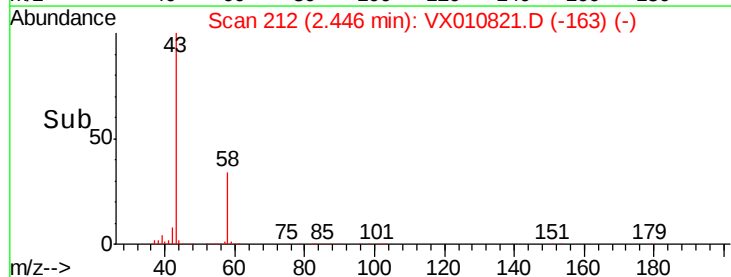
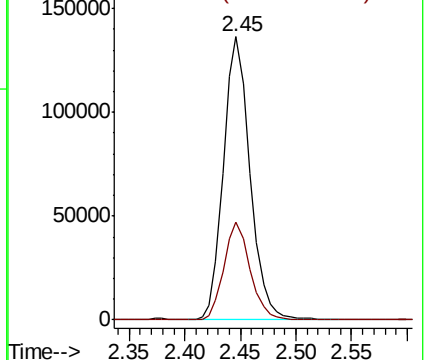
43 100

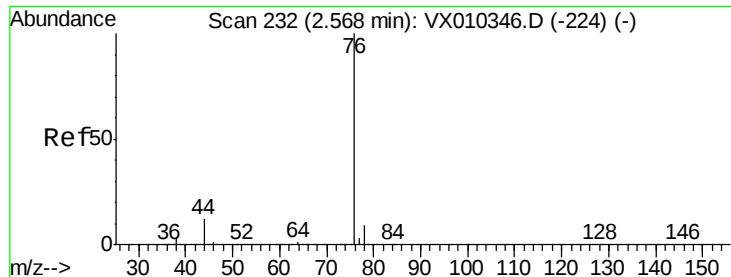
58 34.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

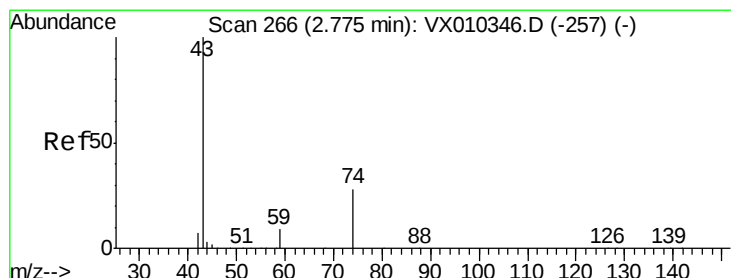
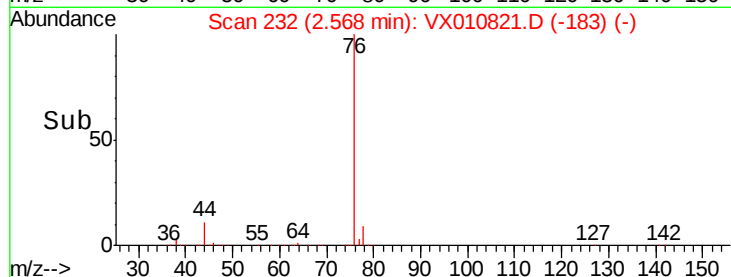
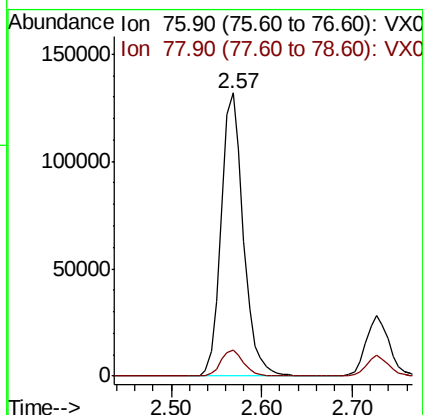
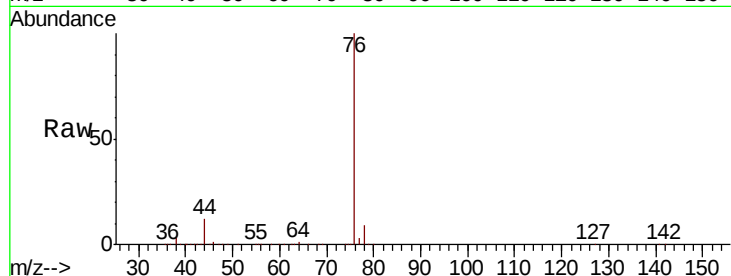




#17
Carbon Disulfide
Concen: 39.613 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

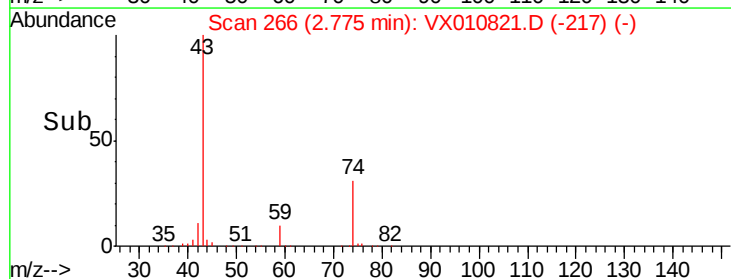
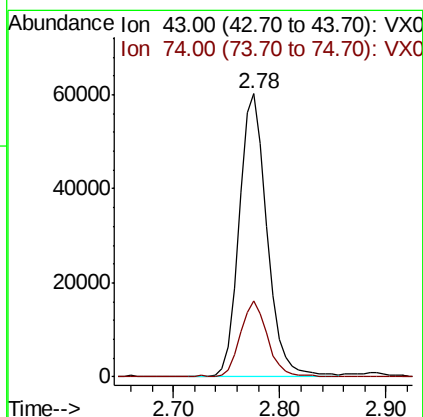
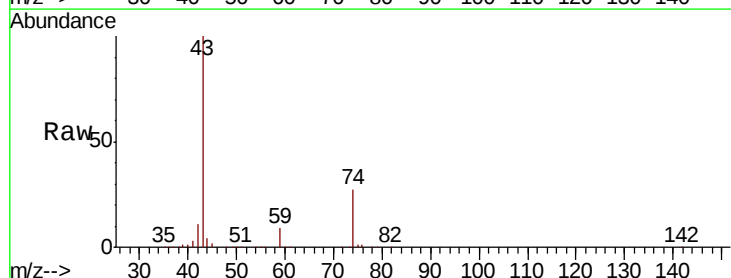
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

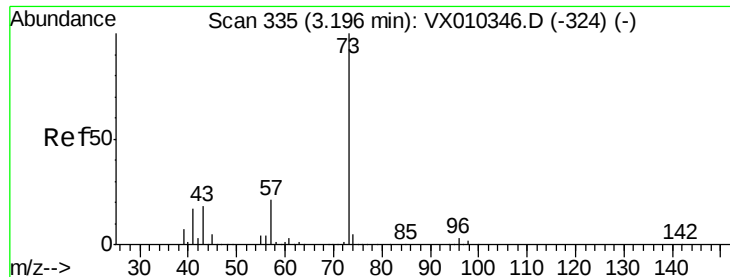
Tot Ion: 76 Resp: 225579
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 48.282 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 43 Resp: 110729
Ion Ratio Lower Upper
43 100
74 26.6 21.3 31.9

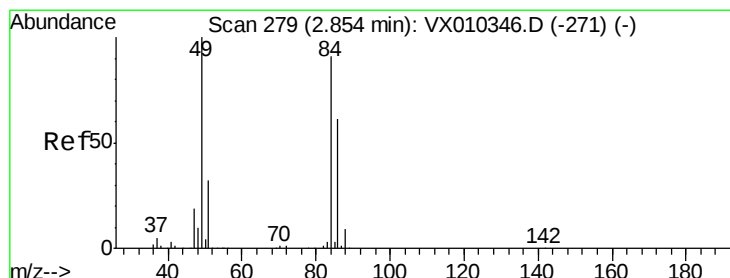
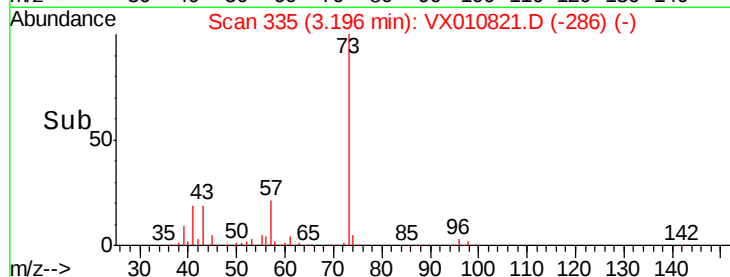
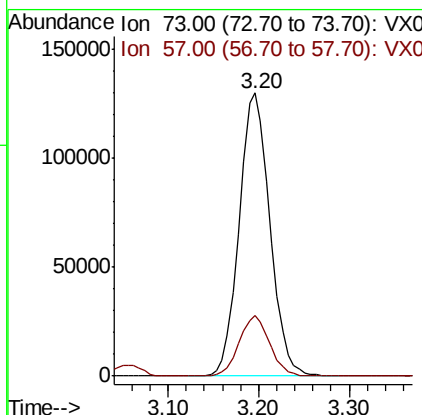
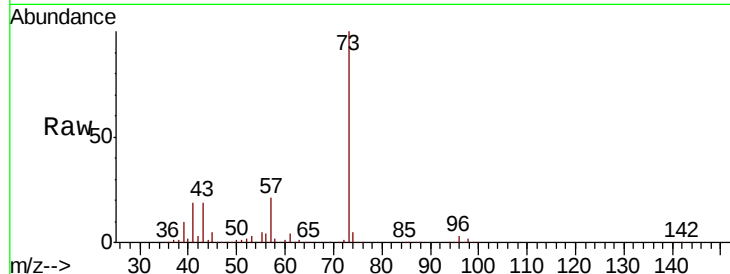




#19
Methyl tert-butyl Ether
Concen: 45.637 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

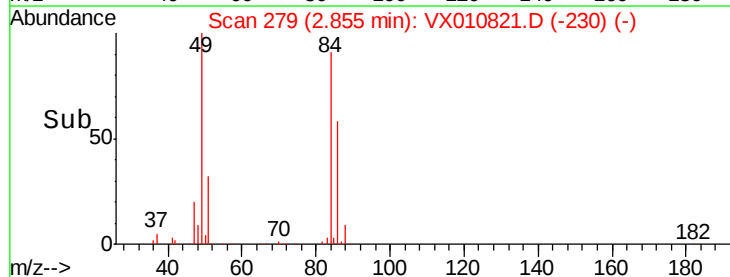
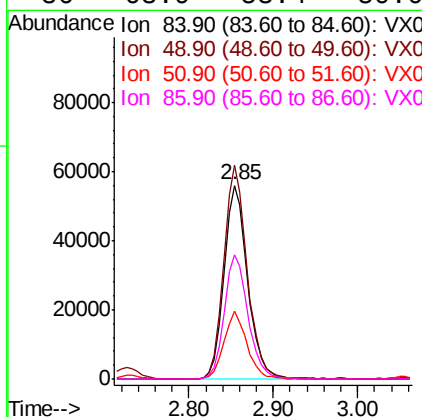
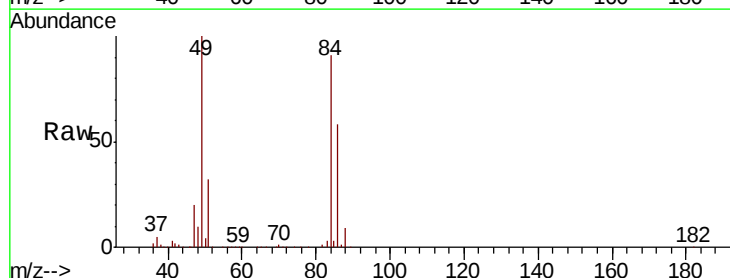
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 304739
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 45.365 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 84 Resp: 107427
Ion Ratio Lower Upper
84 100
49 110.0 87.5 131.3
51 34.7 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.004 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

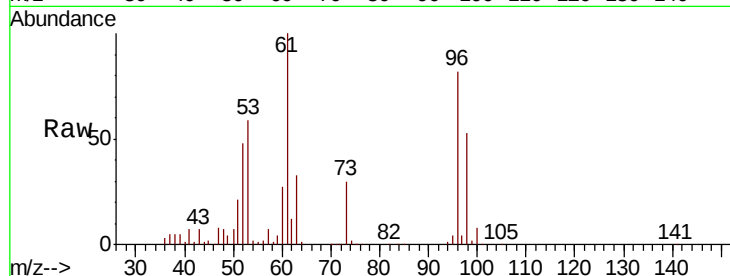
Tot Ion: 96 Resp: 98172

Ion Ratio Lower Upper

96 100

61 121.3 95.6 143.4

98 64.3 52.5 78.7

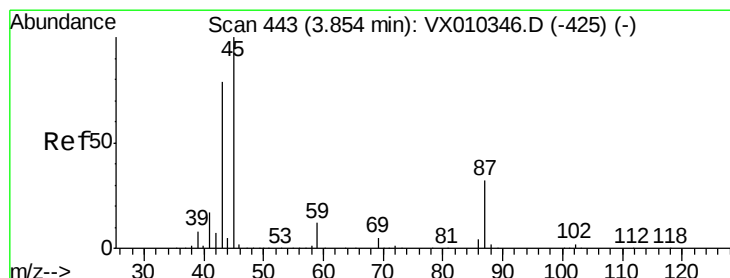
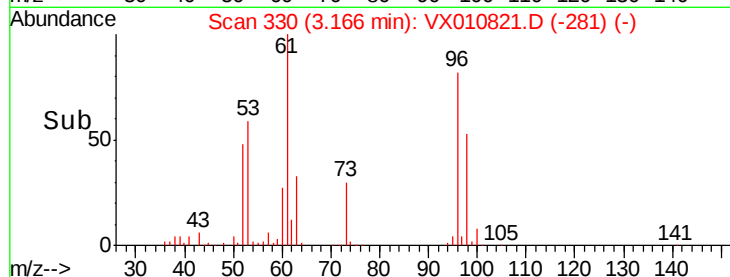
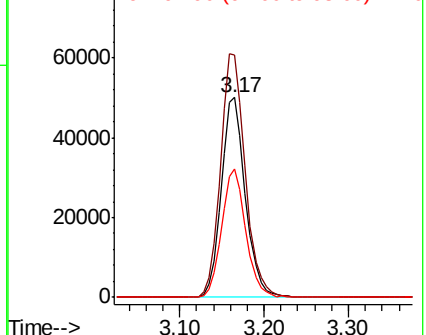


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.682 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion: 45 Resp: 294117

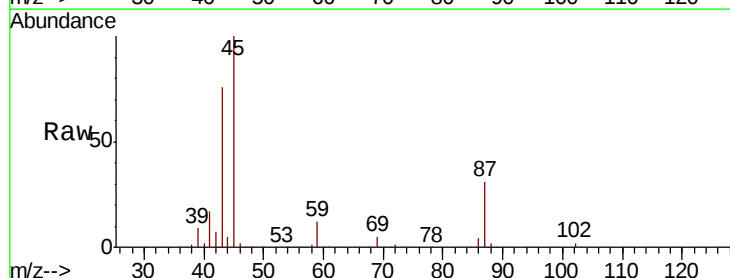
Ion Ratio Lower Upper

45 100

43 76.3 63.3 94.9

87 31.3 25.8 38.8

59 12.2 9.6 14.4



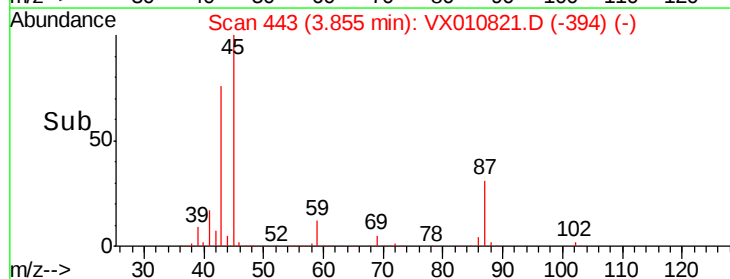
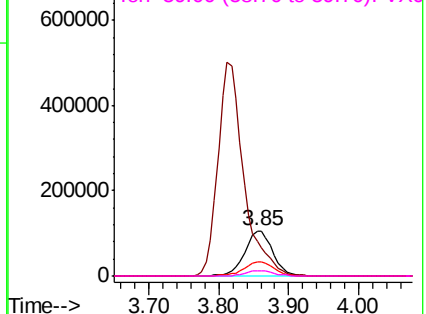
Abundance

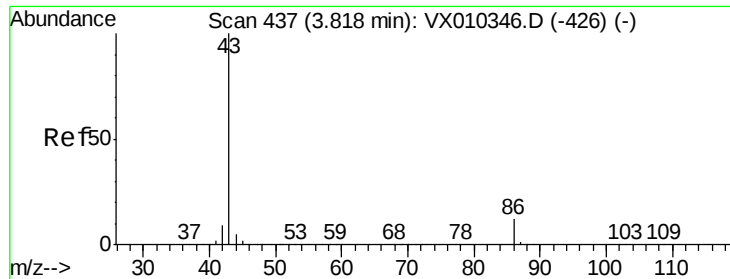
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.292 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

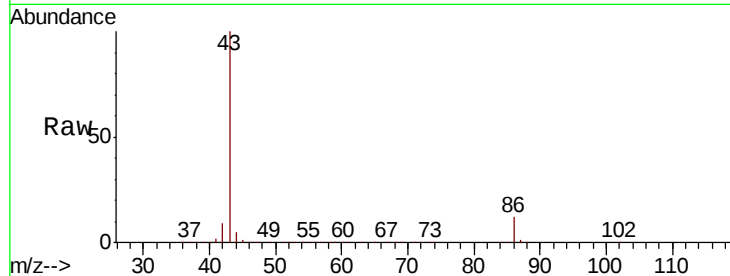
VSTDCCC050EC

Tot Ion: 43 Resp: 1291561

Ion Ratio Lower Upper

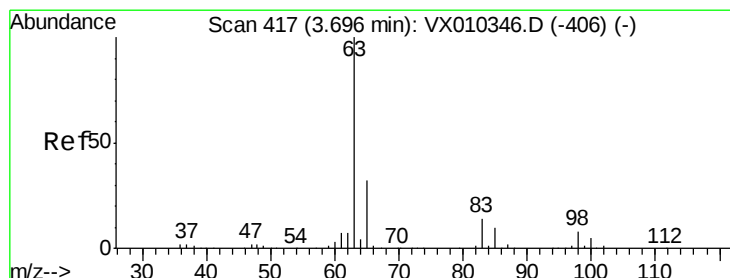
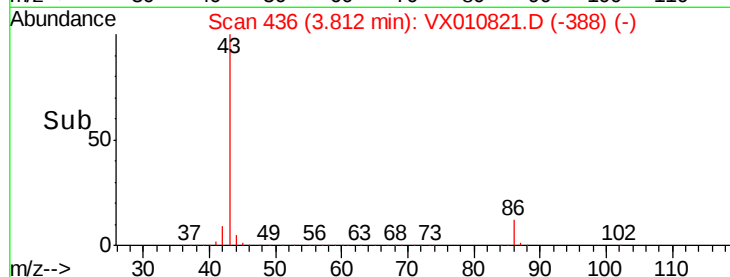
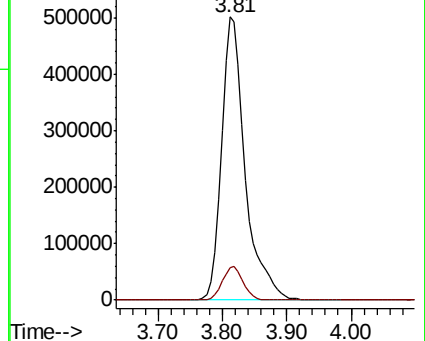
43 100

86 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.710 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

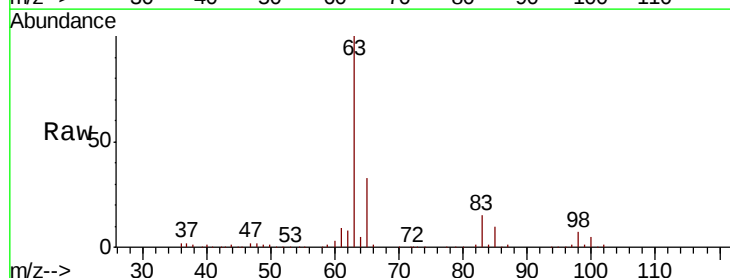
Tgt Ion: 63 Resp: 166472

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

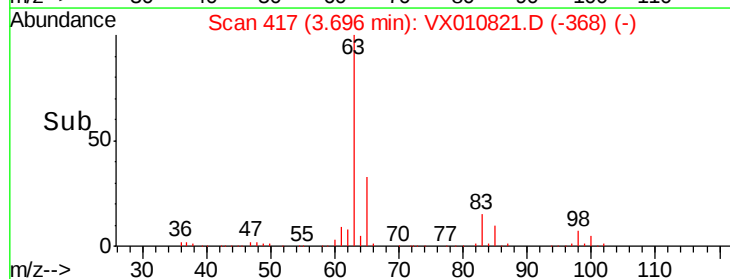
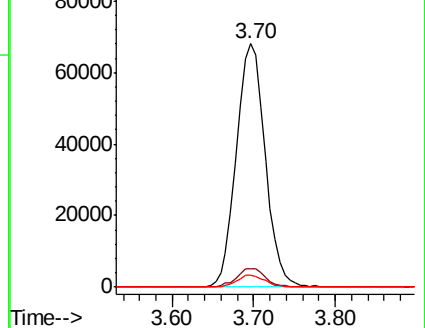
100 4.7 2.4 7.1

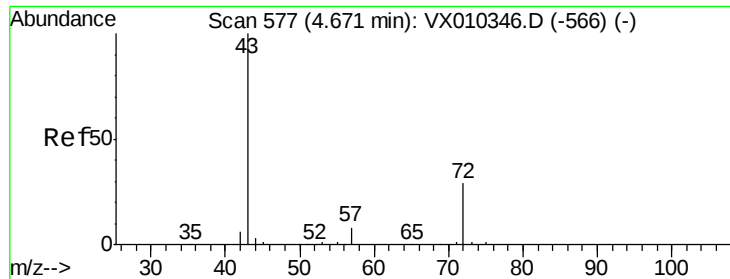


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.453 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

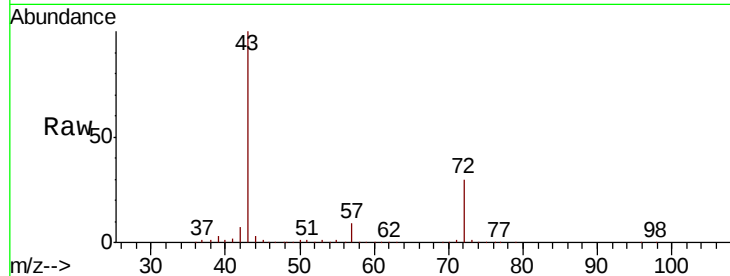
VSTDCCC050EC

Tot Ion: 43 Resp: 375482

Ion Ratio Lower Upper

43 100

72 29.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

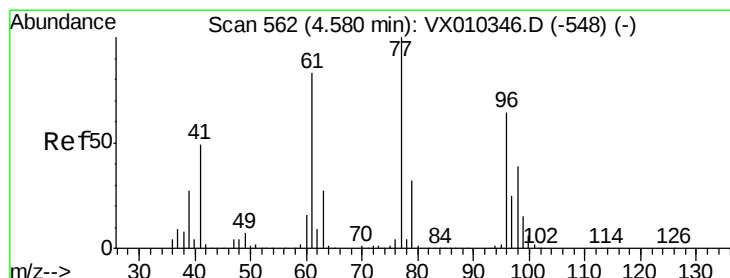
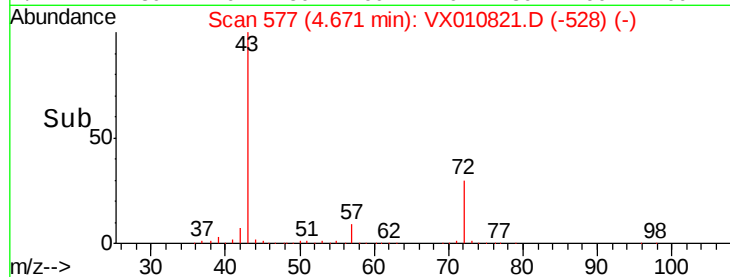
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.497 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010821.D

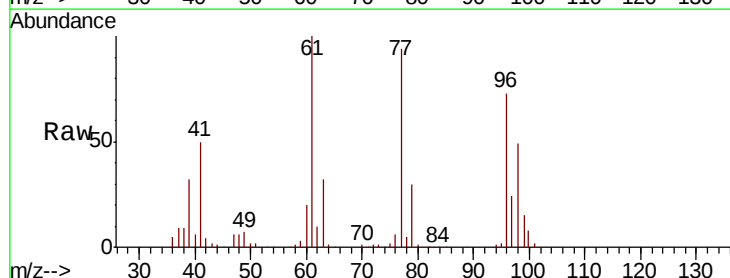
Acq: 11 Jul 2019 20:40

Tgt Ion: 77 Resp: 118629

Ion Ratio Lower Upper

77 100

97 25.9 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

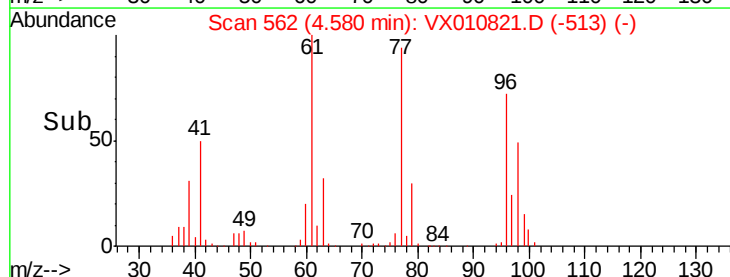
20000

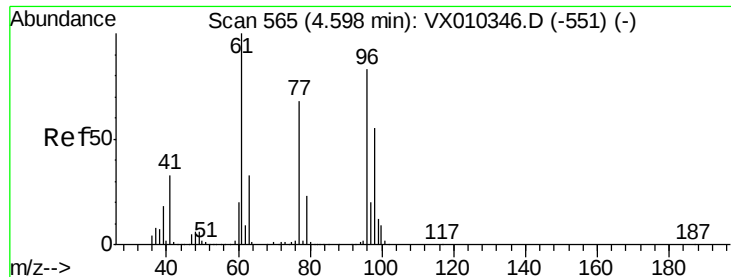
10000

0

4.40 4.50 4.58 4.60 4.70

Time-->



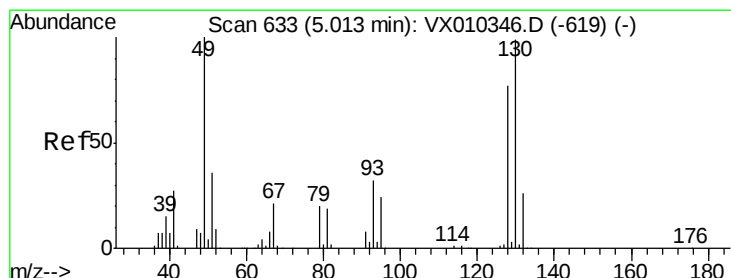
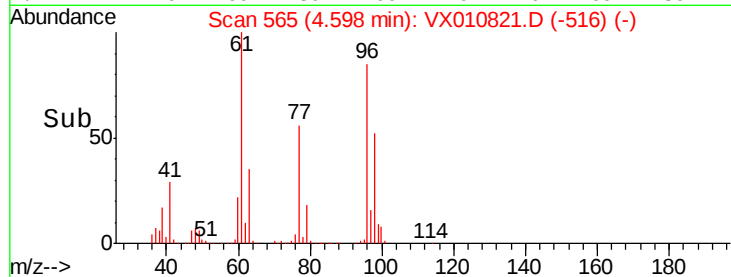
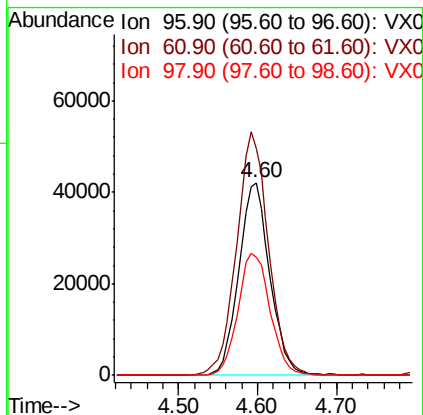
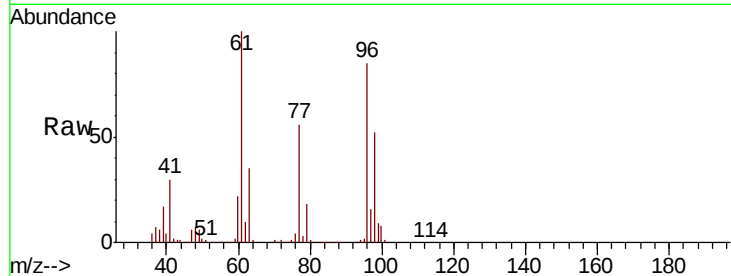


#27

cis-1,2-Dichloroethene
 Concen: 43.653 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

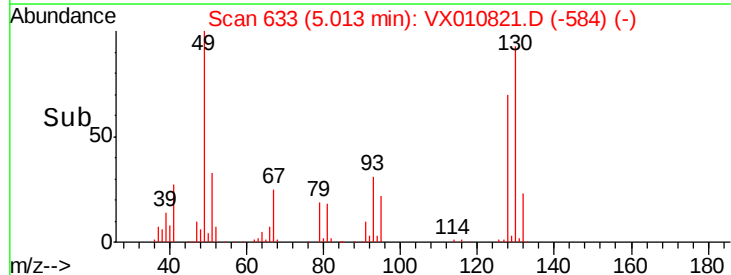
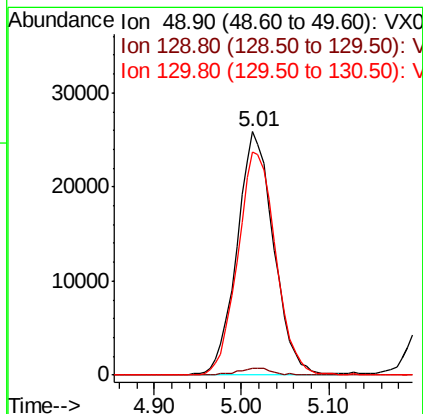
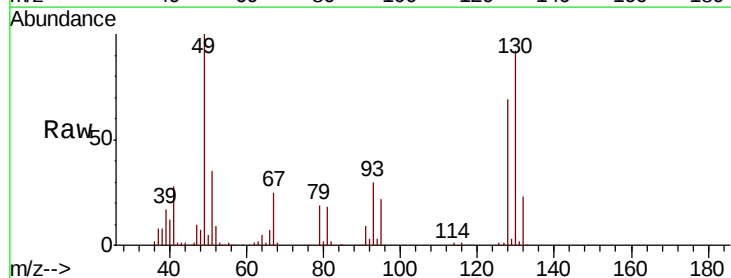
Tot Ion: 96 Resp: 115159
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 251.8
 98 65.9 0.0 129.4

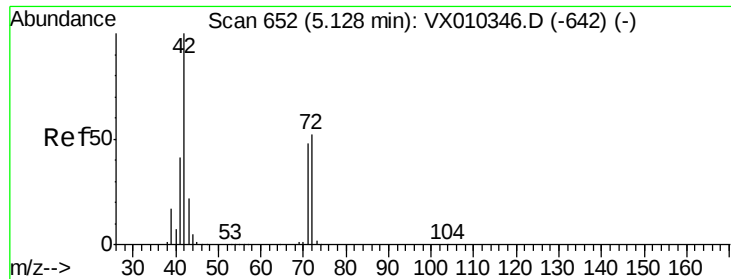


#28

Bromochloromethane
 Concen: 43.350 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 49 Resp: 75483
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 94.9 81.4 122.0

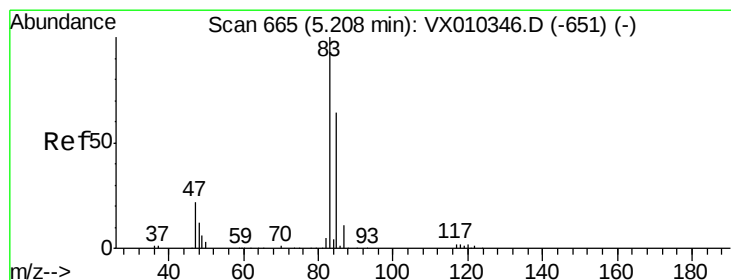
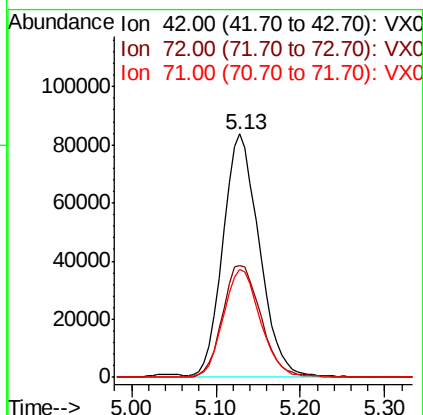
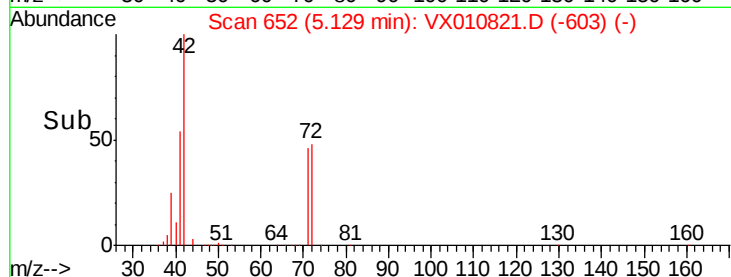
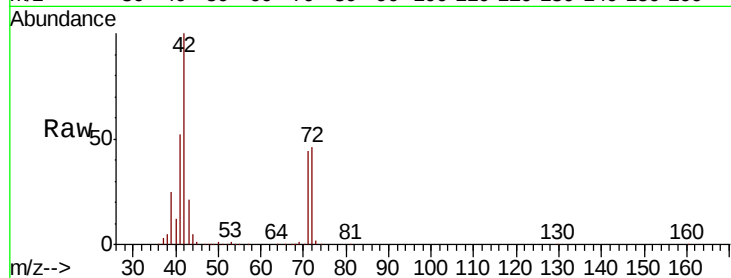




#29
Tetrahydrofuran
Concen: 234.307 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

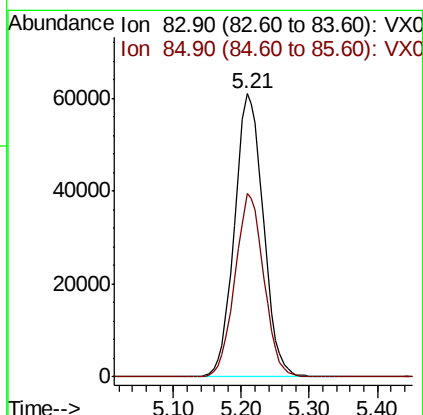
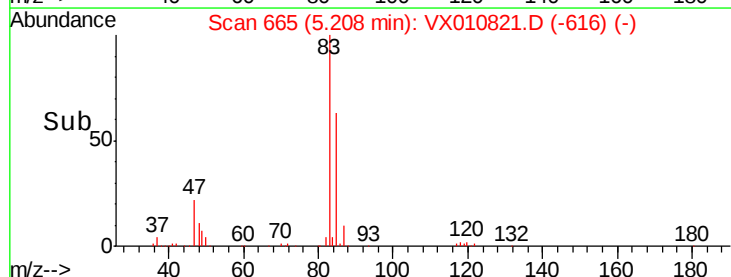
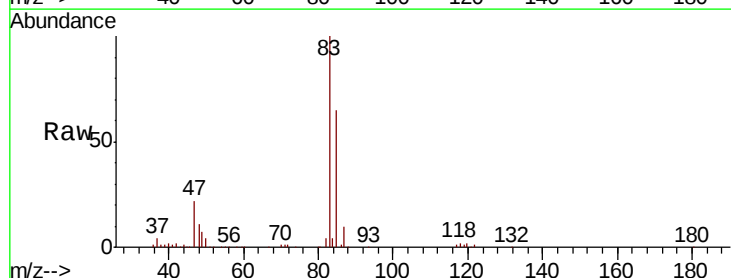
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 244970
Ion Ratio Lower Upper
42 100
72 49.2 40.6 60.8
71 45.5 37.8 56.8



#30
Chloroform
Concen: 45.817 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 83 Resp: 179533
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3





#31

Cyclohexane

Concen: 44.271 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

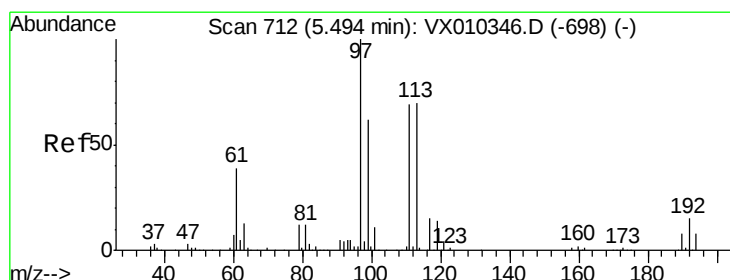
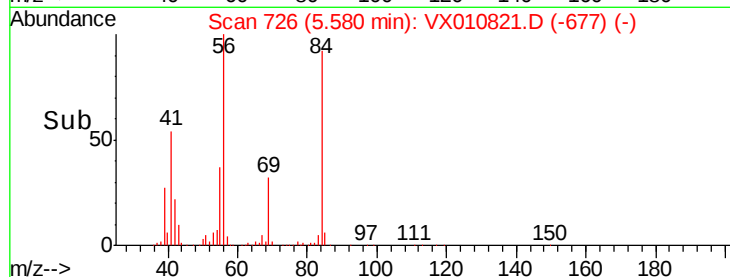
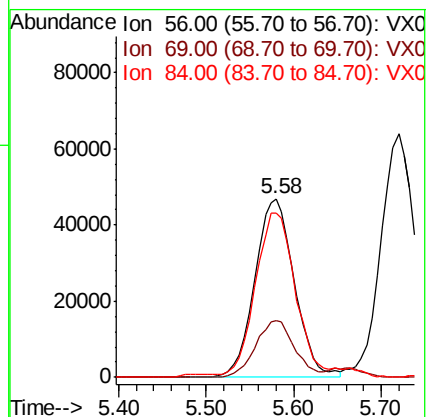
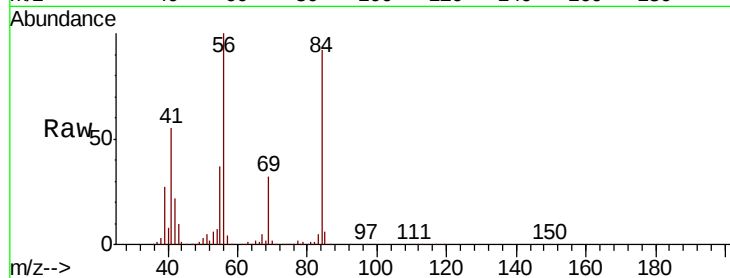
Tot Ion: 56 Resp: 146822

Ion Ratio Lower Upper

56 100

69 31.9 25.9 38.9

84 90.6 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 45.035 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

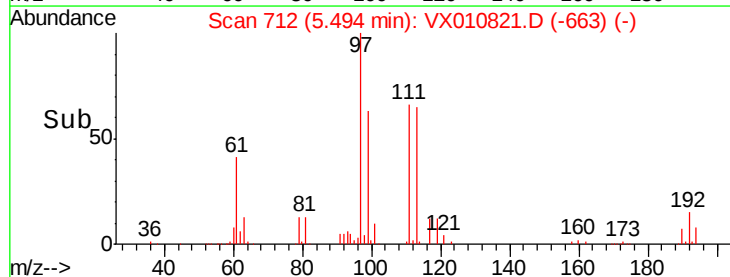
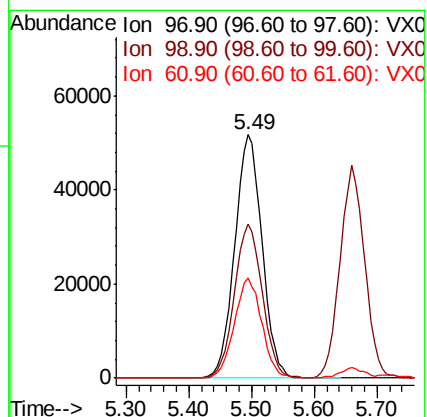
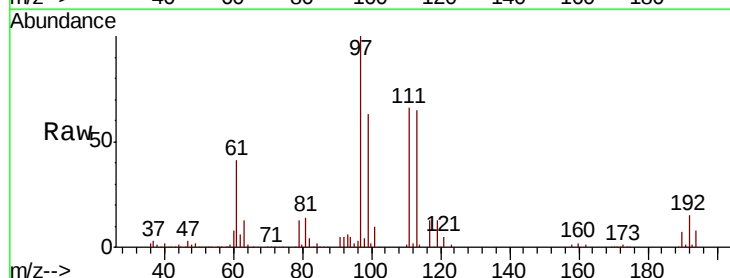
Tgt Ion: 97 Resp: 155821

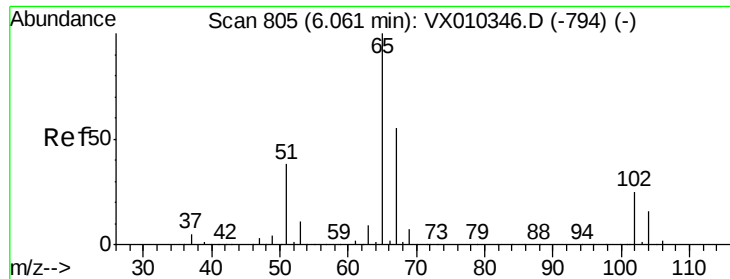
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 41.3 32.1 48.1

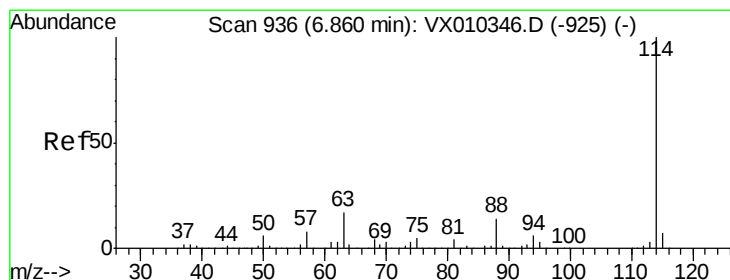
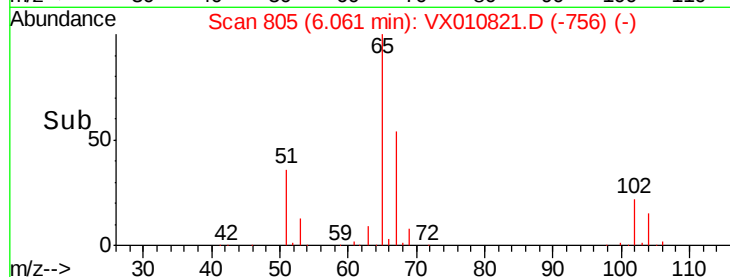
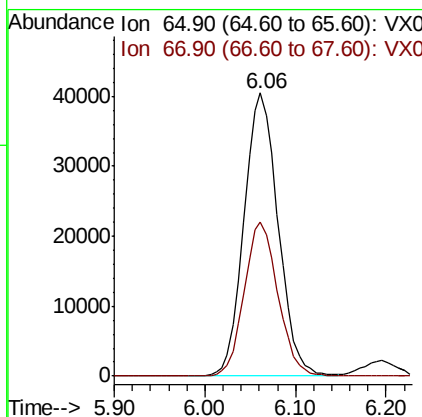
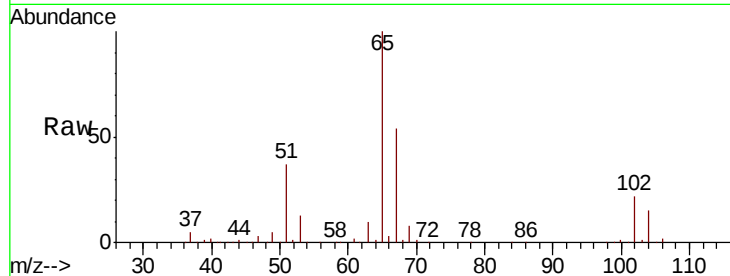




#33
 1,2-Dichloroethane-d4
 Concen: 45.915 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

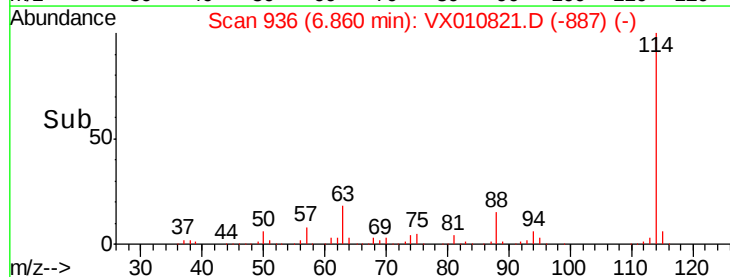
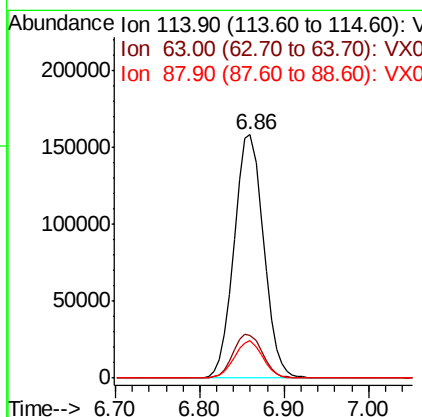
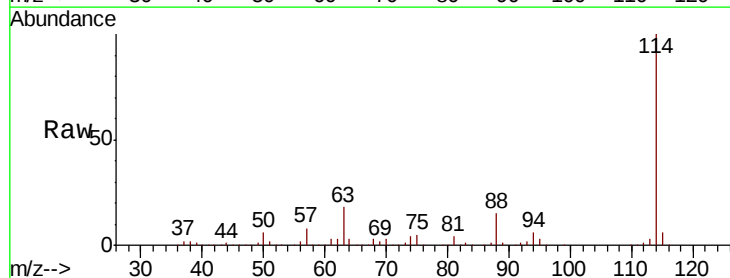
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

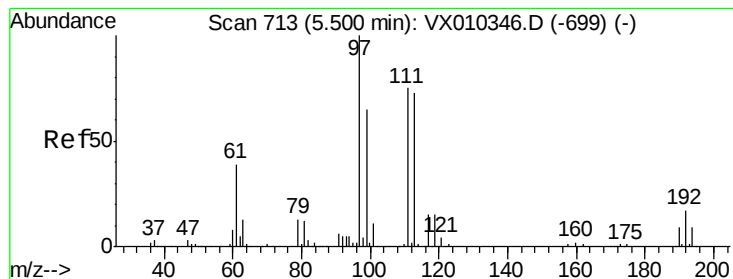
Tot Ion: 65 Resp: 105421
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 114 Resp: 373877
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 15.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 43.093 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

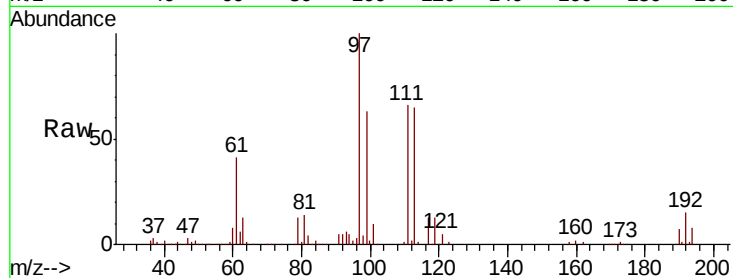
Tot Ion:113 Resp: 98575

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

192 22.6 18.6 27.8

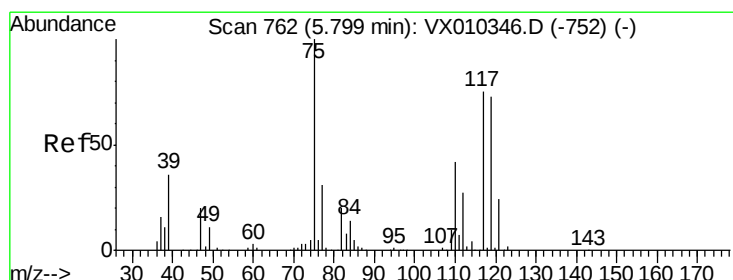
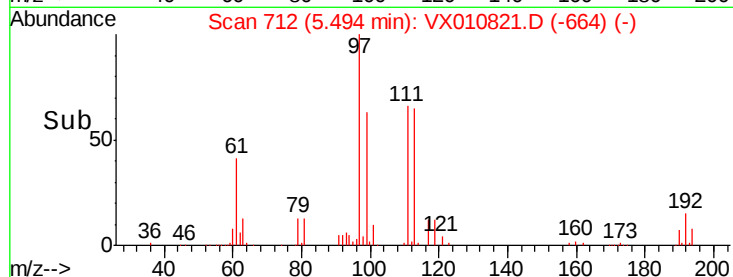
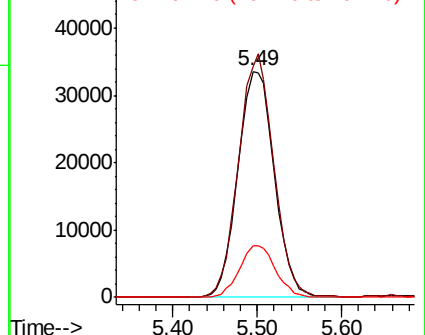


Abundance

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: 42.955 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

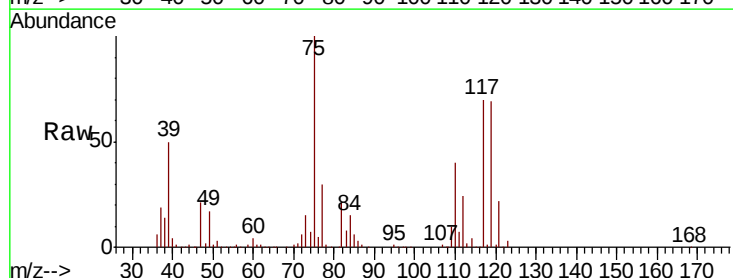
Tgt Ion: 75 Resp: 127621

Ion Ratio Lower Upper

75 100

110 40.4 20.8 62.2

77 31.3 25.4 38.0

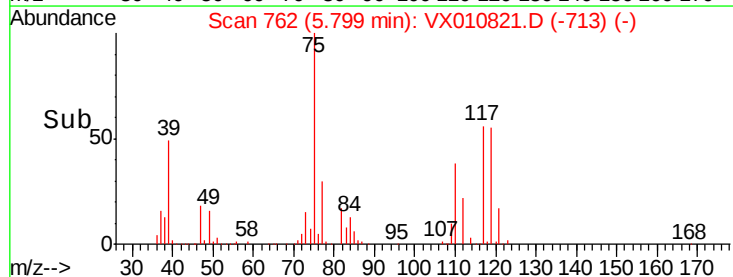
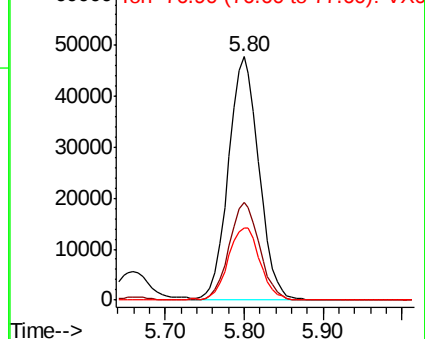


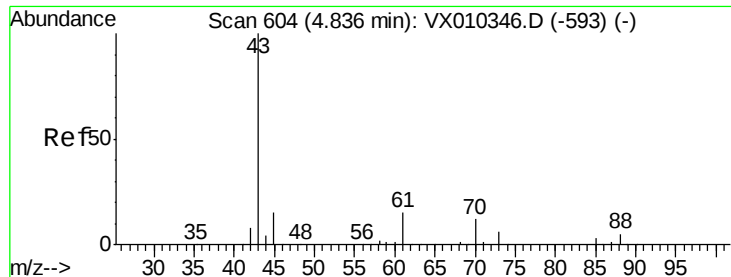
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.336 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

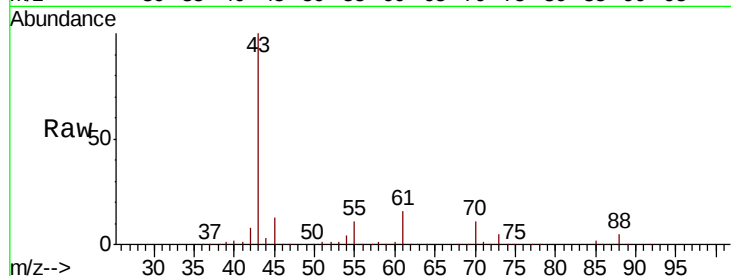
Tot Ion: 43 Resp: 141624

Ion Ratio Lower Upper

43 100

61 15.5 12.4 18.6

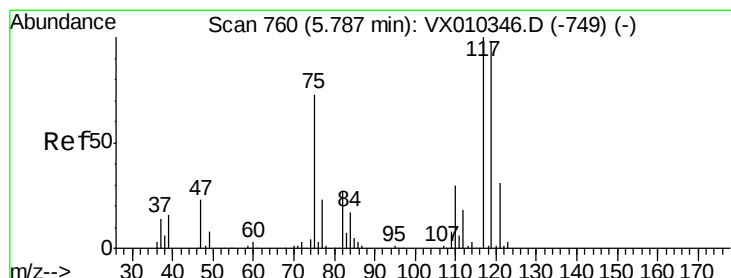
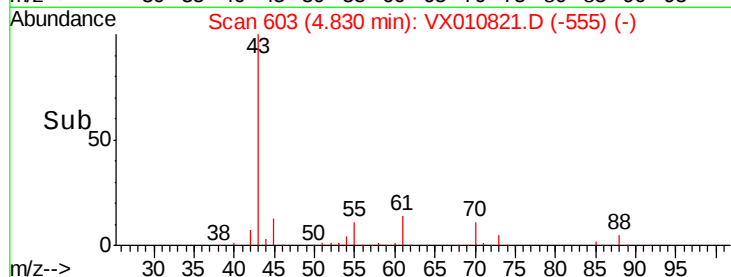
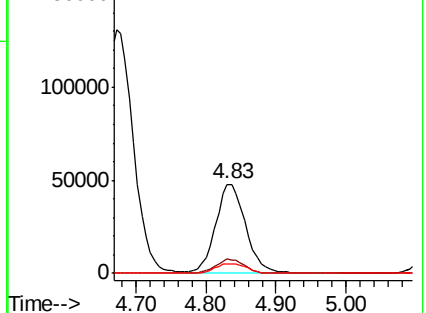
70 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 41.919 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

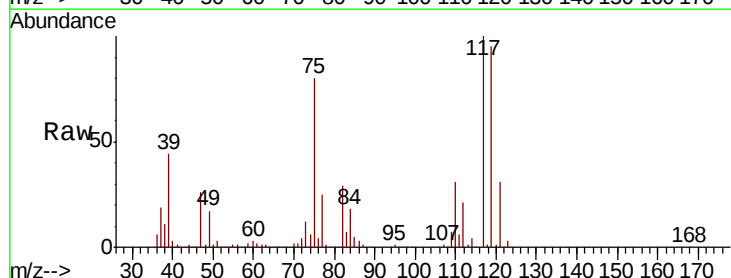
Tgt Ion: 117 Resp: 134863

Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.4

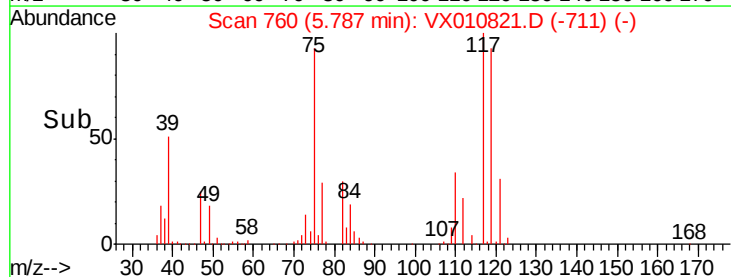
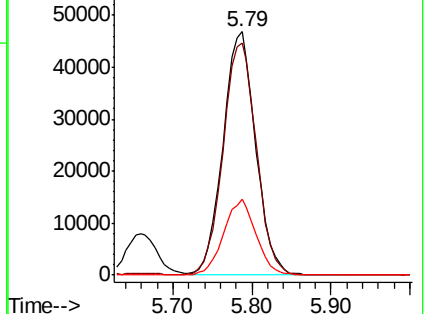
121 31.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

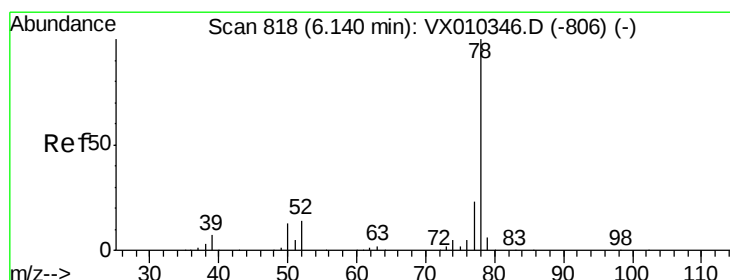
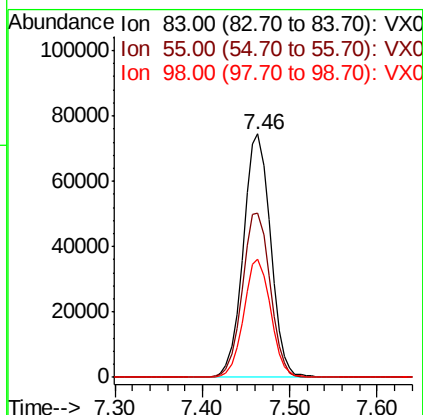
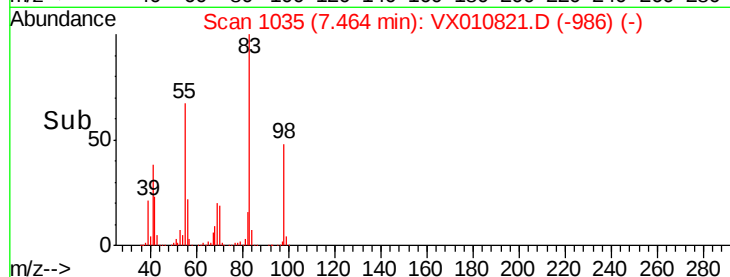
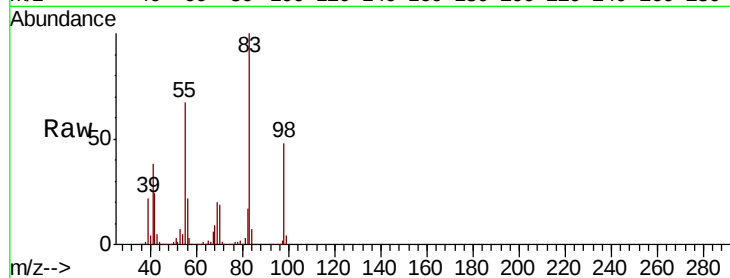




#39
Methvlcvclohexane
Concen: 41.331 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

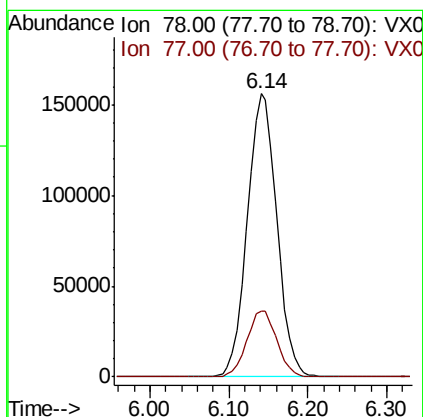
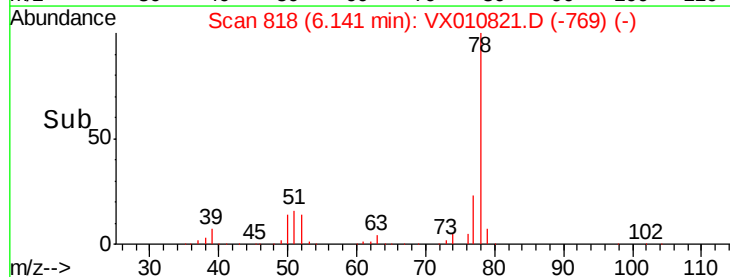
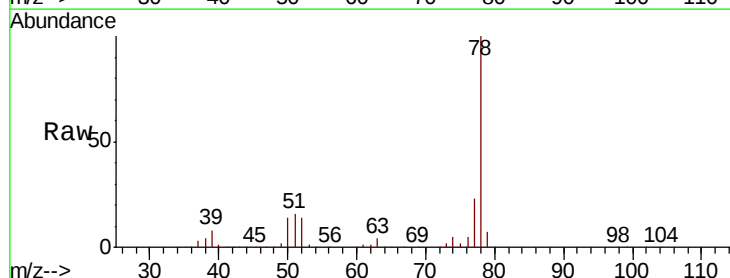
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

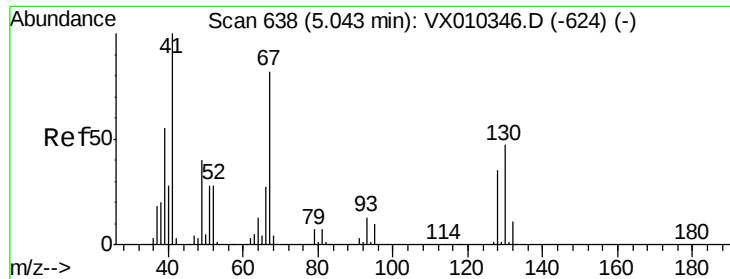
Tot Ion: 83 Resp: 161411
Ion Ratio Lower Upper
83 100
55 67.1 53.0 79.6
98 48.5 37.8 56.8



#40
Benzene
Concen: 43.916 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 78 Resp: 406493
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

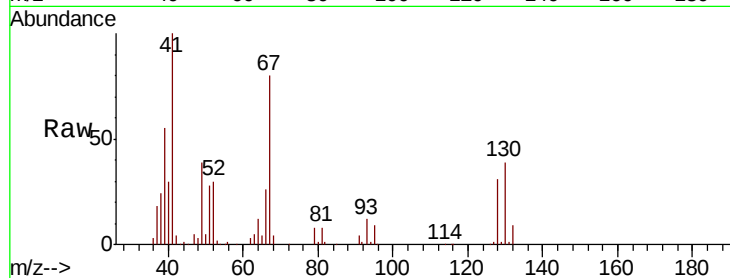




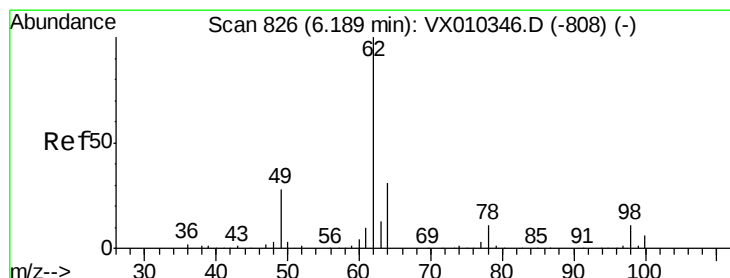
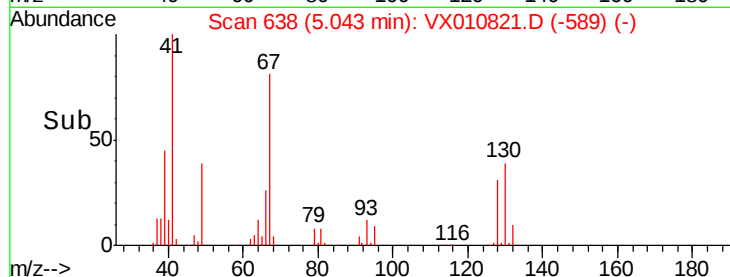
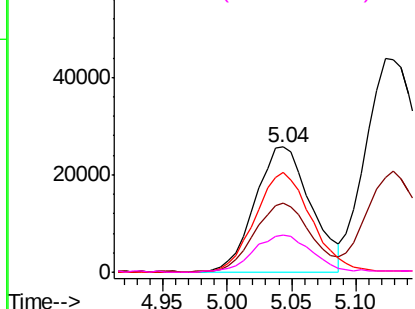
#41
Methacrylonitrile
Concen: 46.021 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 77178
Ion Ratio Lower Upper
41 100
39 55.6 43.8 65.8
67 80.9 66.6 100.0
52 31.0 24.5 36.7

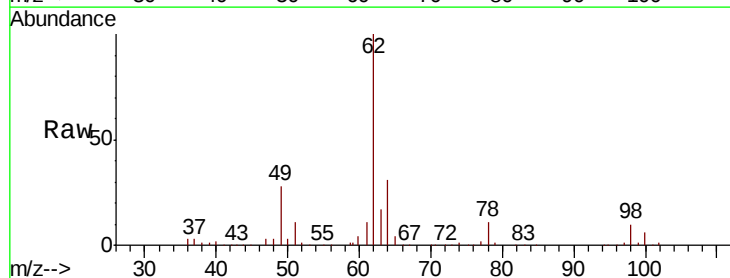


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

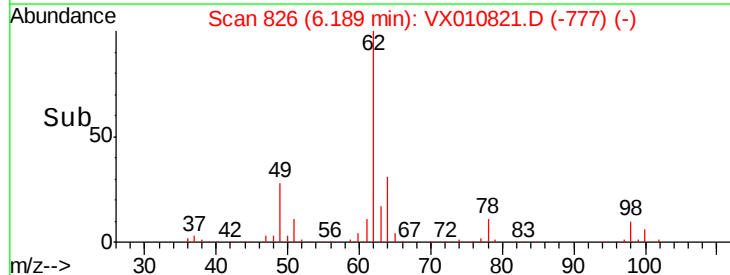
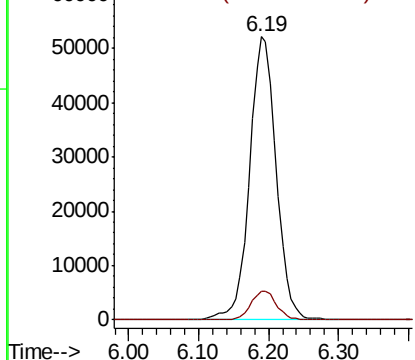


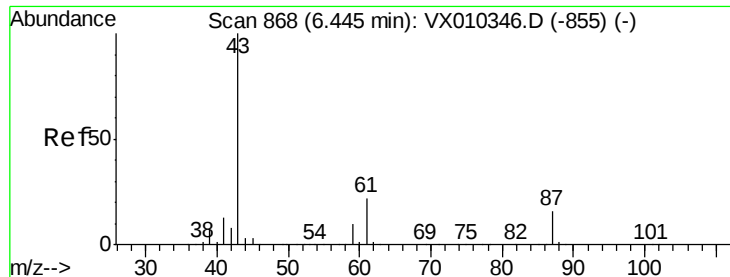
#42
1,2-Dichloroethane
Concen: 48.823 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 62 Resp: 137564
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.2



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



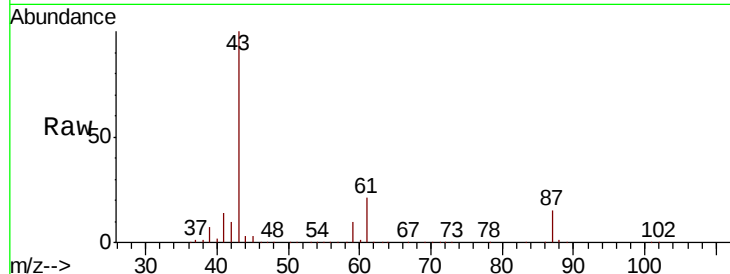


#43

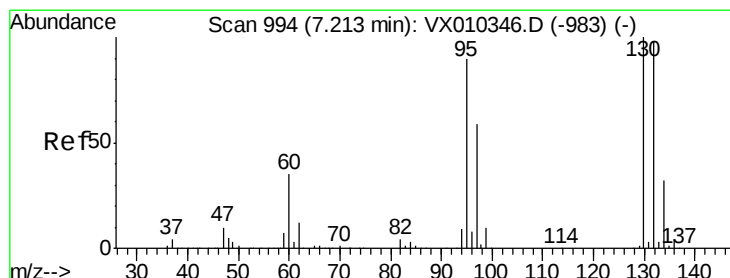
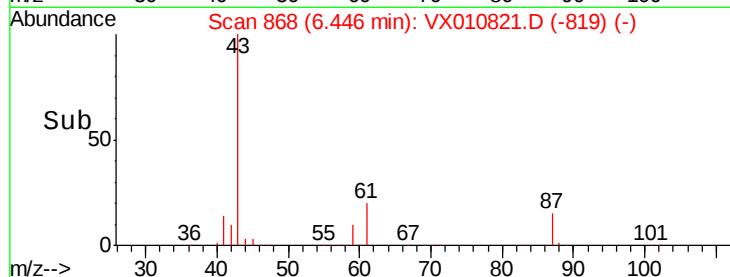
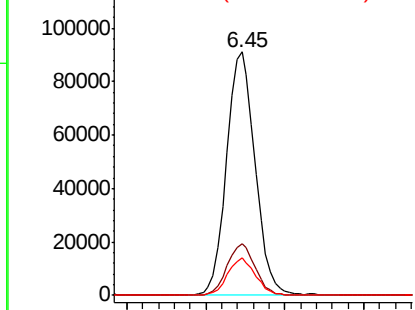
Isopropyl Acetate
 Concen: 45.331 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 229236
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.8 26.6
 87 15.1 13.0 19.4



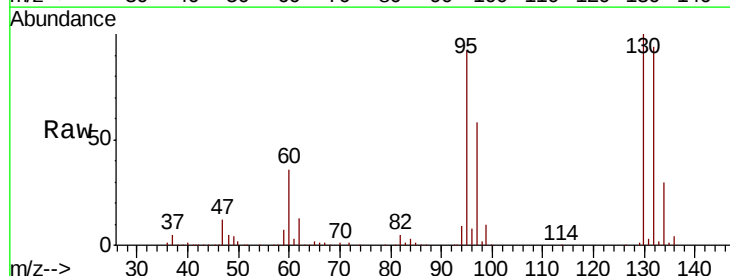
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



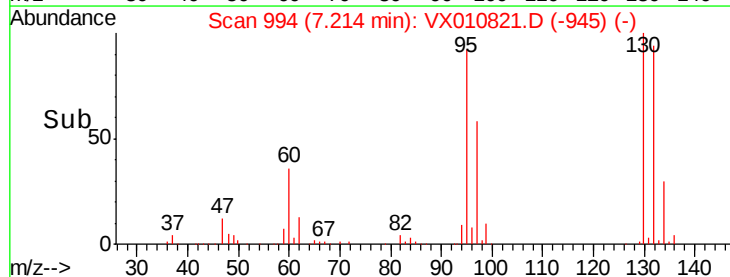
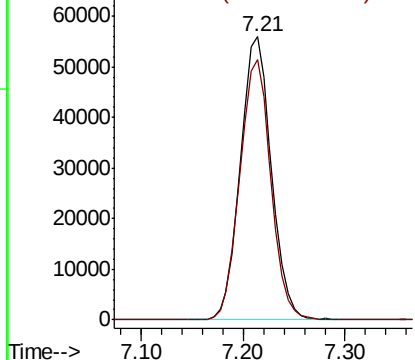
#44

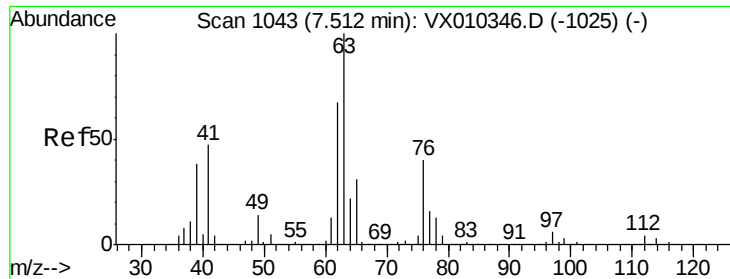
Trichloroethene
 Concen: 42.651 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 130 Resp: 118129
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 180.8



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

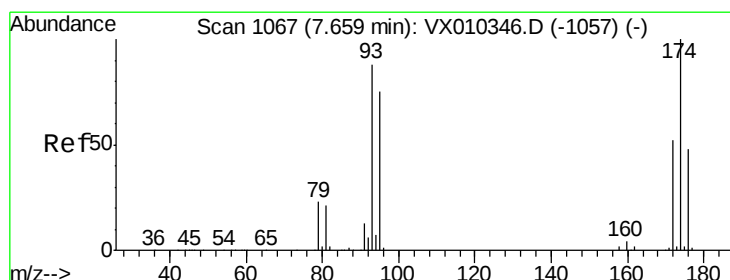
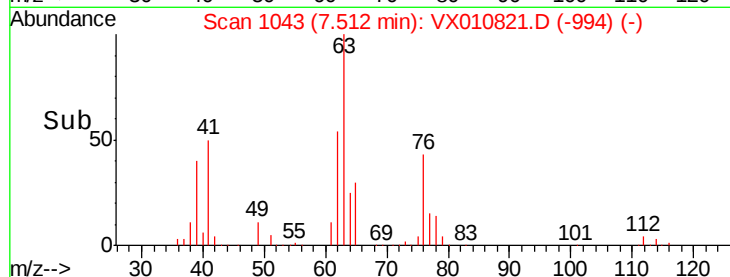
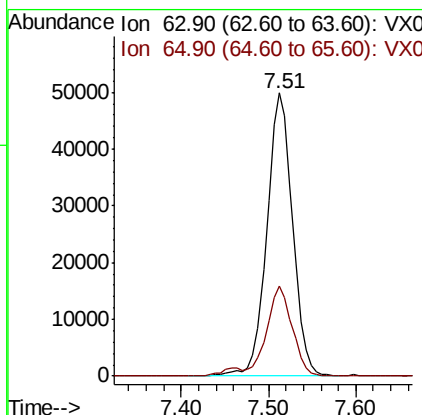
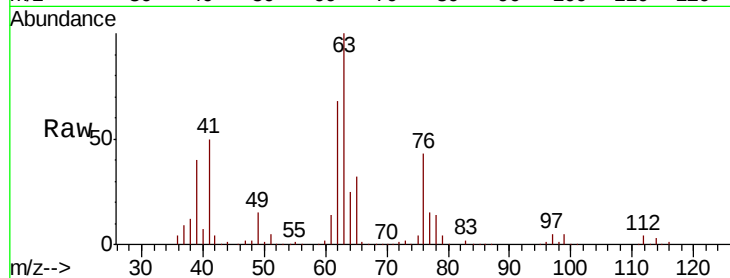




#45
 1,2-Dichloropropane
 Concen: 43.645 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

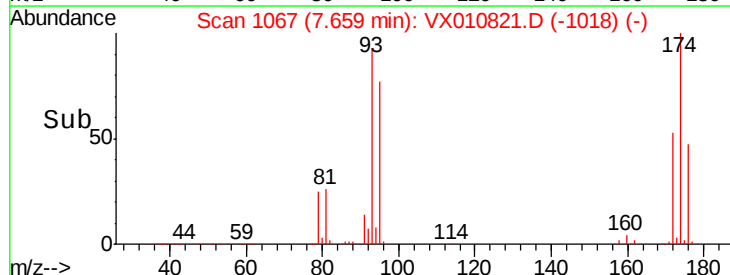
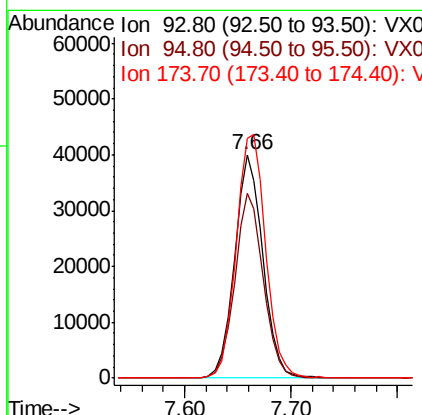
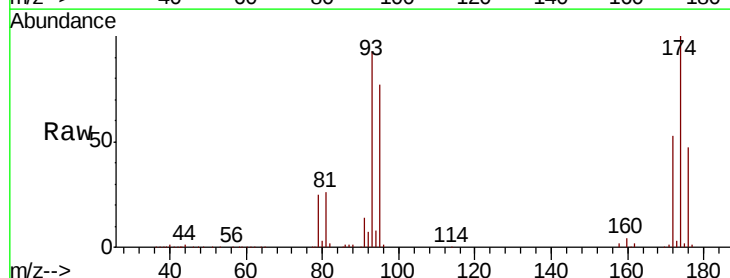
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

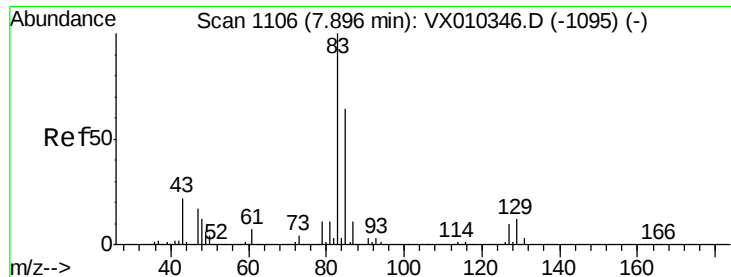
Tot Ion: 63 Resp: 102017
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 44.472 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 93 Resp: 74582
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 114.2 95.8 143.6





#47

Bromodichloromethane

Concen: 43.342 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

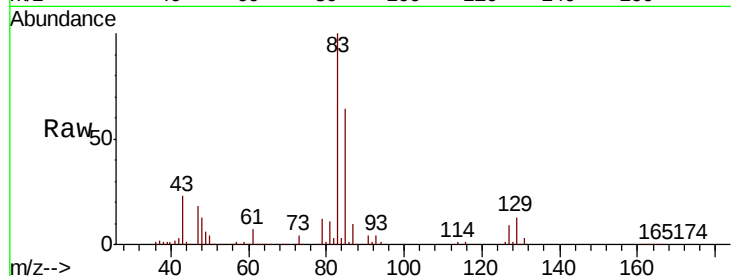
Tot Ion: 83 Resp: 133208

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

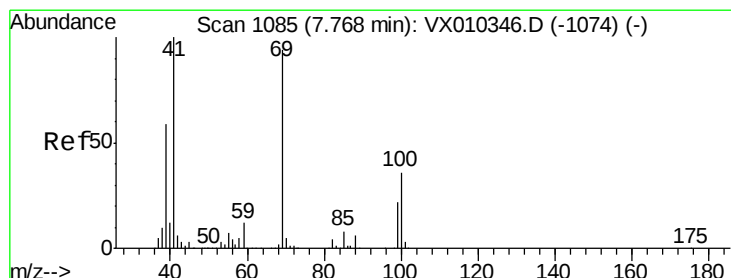
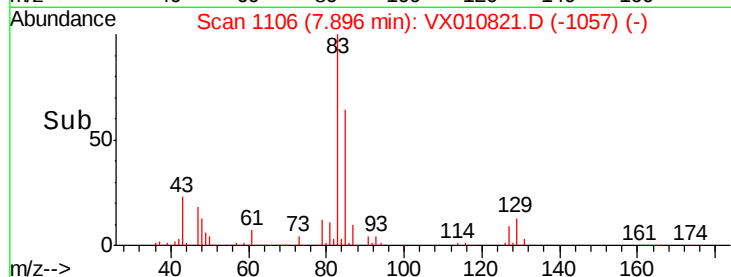
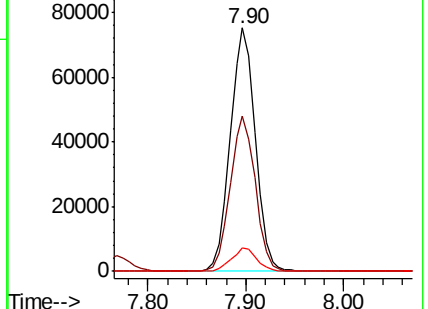
127 9.4 7.8 11.8



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: 46.682 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

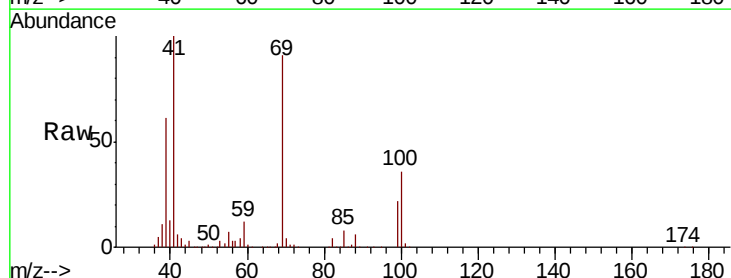
Tgt Ion: 41 Resp: 109728

Ion Ratio Lower Upper

41 100

69 92.2 76.1 114.1

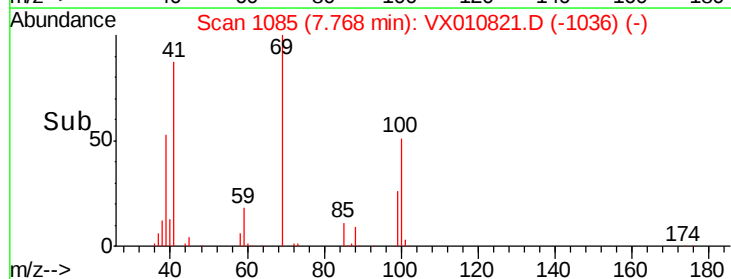
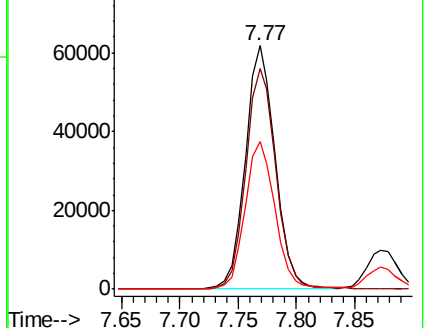
39 61.4 47.6 71.4

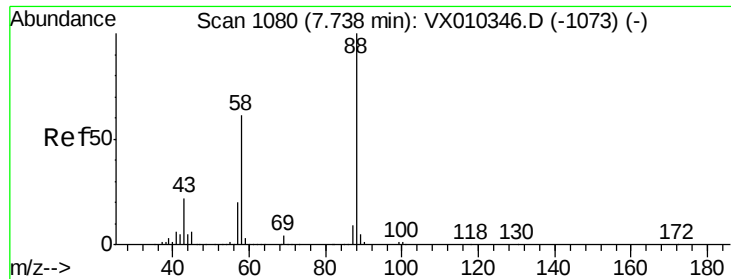


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 883.991 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

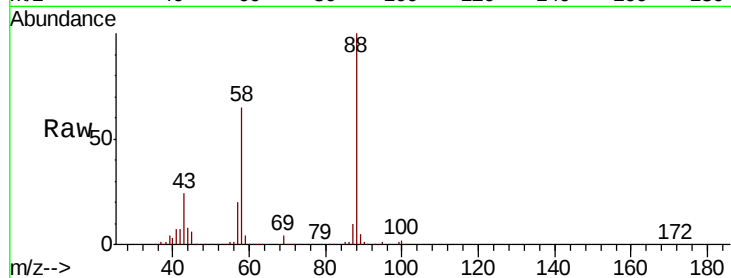
Tot Ion: 88 Resp: 59857

Ion Ratio Lower Upper

88 100

43 28.9 20.2 30.2

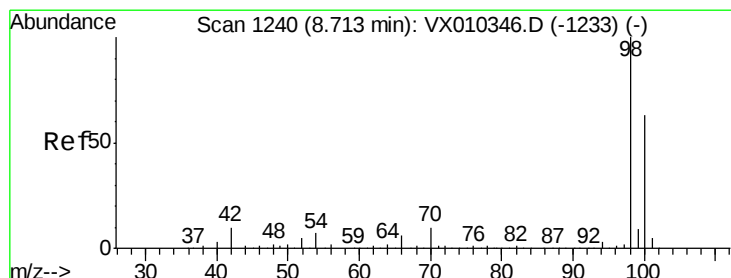
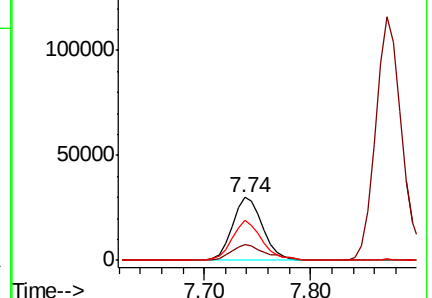
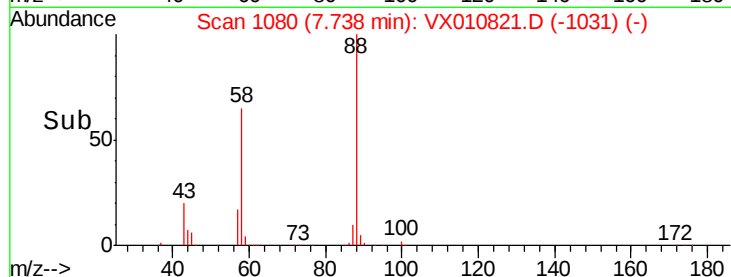
58 62.4 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 41.490 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010821.D

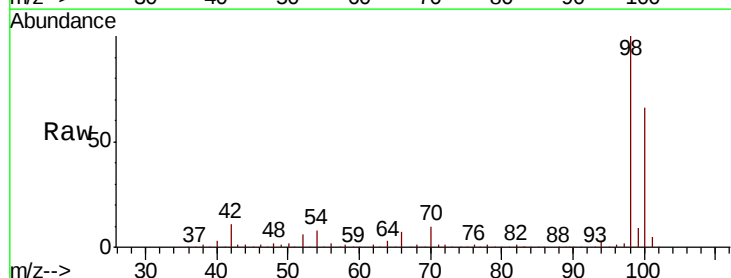
Acq: 11 Jul 2019 20:40

Tgt Ion: 98 Resp: 363099

Ion Ratio Lower Upper

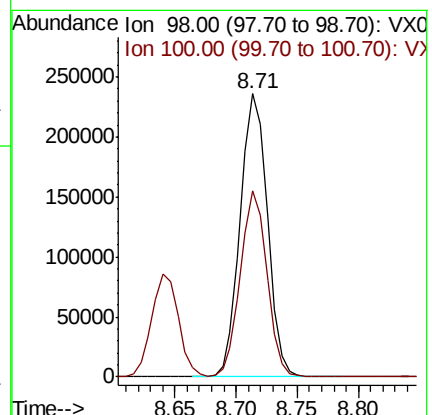
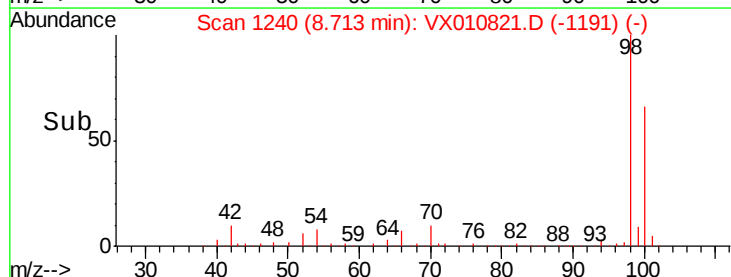
98 100

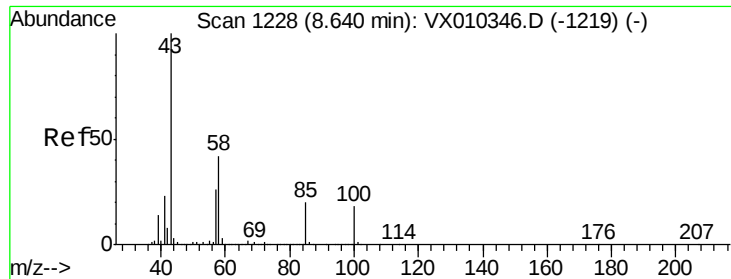
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

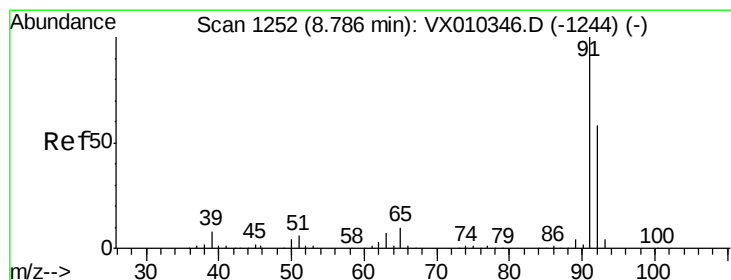
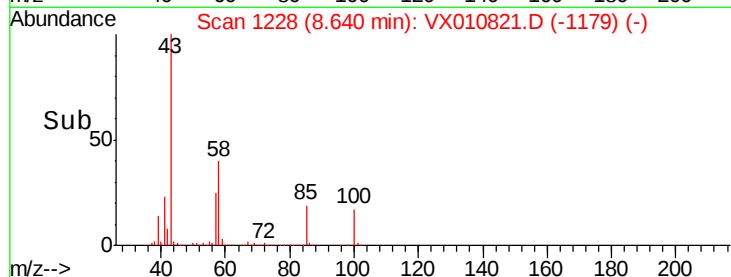
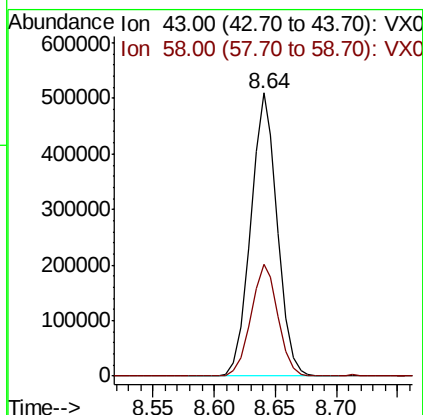
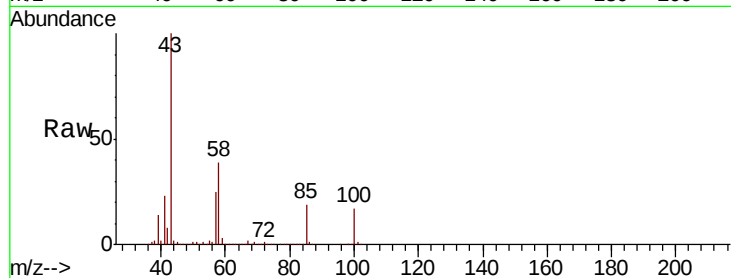




#51
 4-Methyl-2-Pentanone
 Concen: 238.183 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

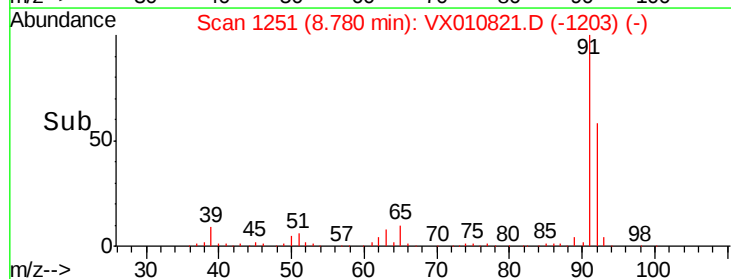
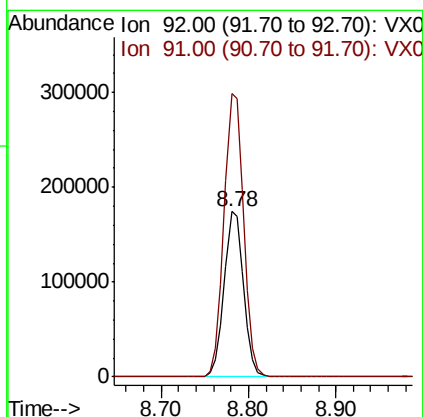
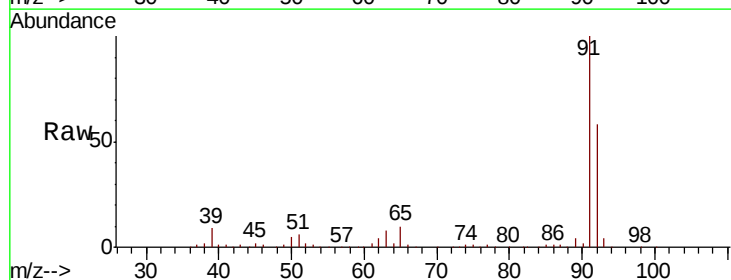
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

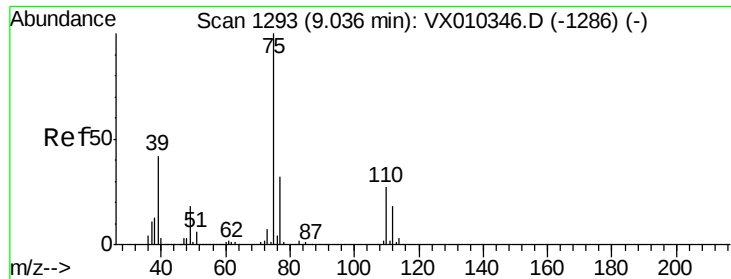
Tot Ion: 43 Resp: 770331
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.5 50.3



#52
 Toluene
 Concen: 43.661 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 92 Resp: 266139
 Ion Ratio Lower Upper
 92 100
 91 174.4 139.8 209.6

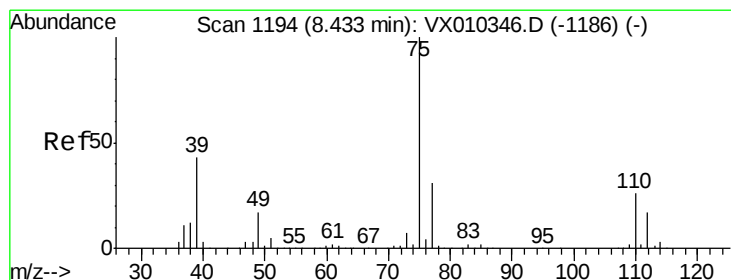
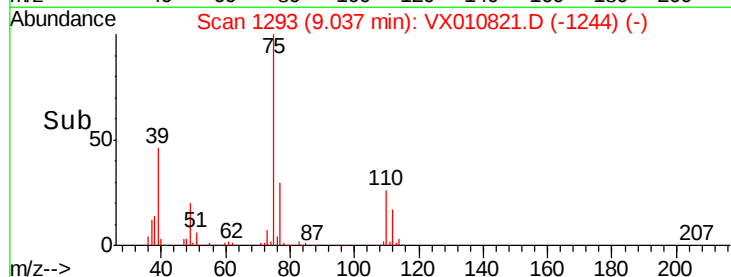
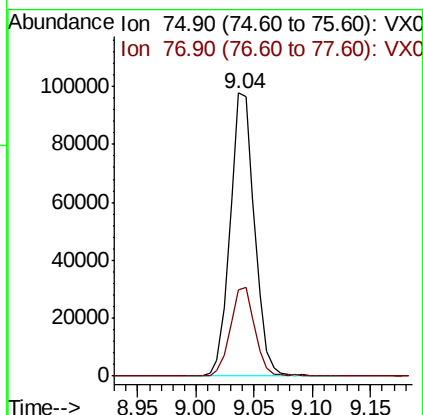
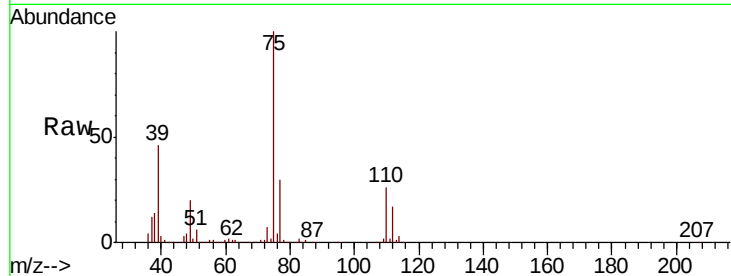




#53
 t-1,3-Dichloropropene
 Concen: 41.433 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

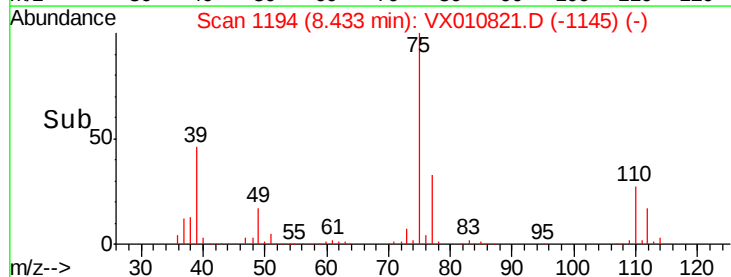
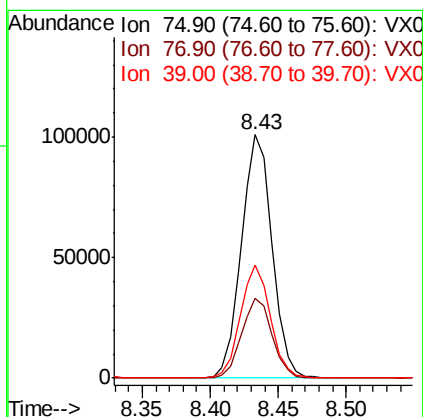
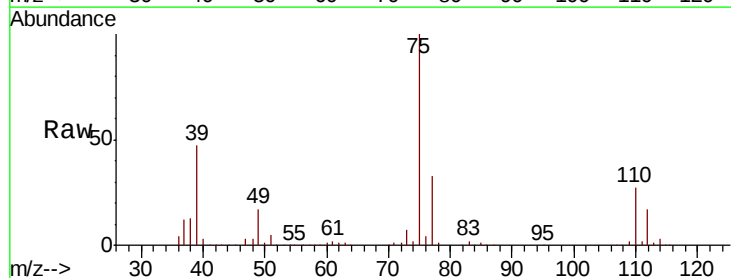
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

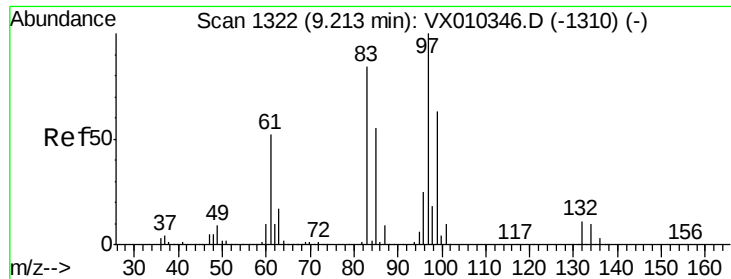
Tot Ion: 75 Resp: 142768
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 42.537 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 75 Resp: 159281
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8
 39 46.3 34.5 51.7

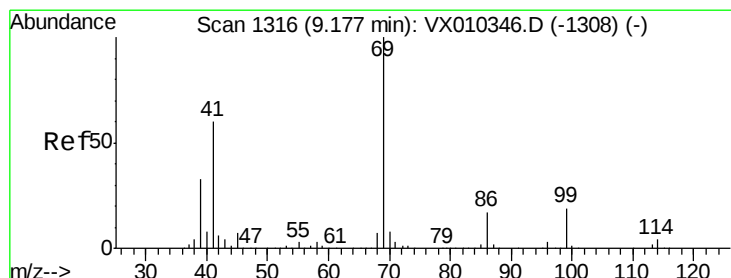
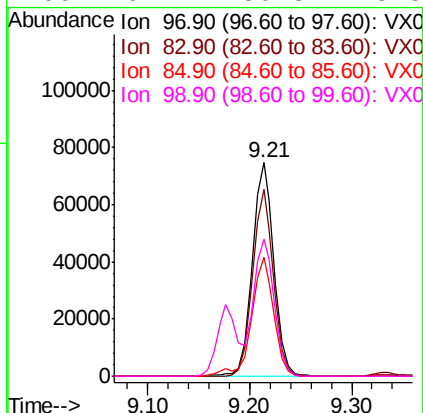
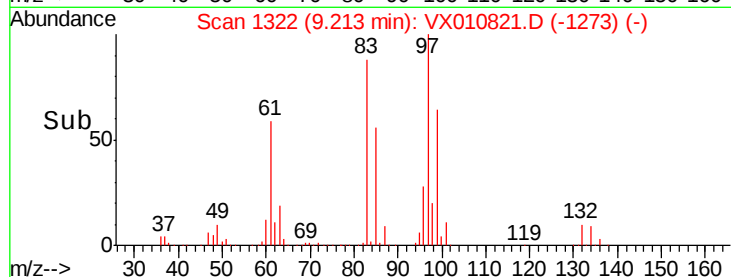
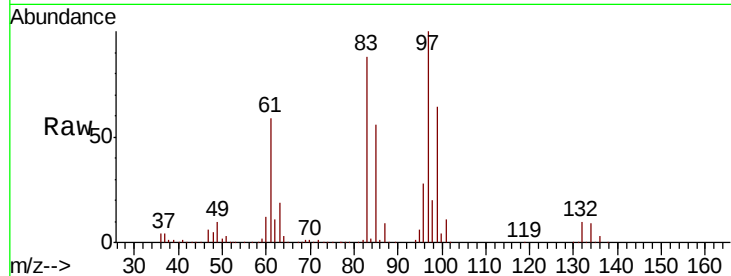




#55
1,1,2-Trichloroethane
Concen: 43.790 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

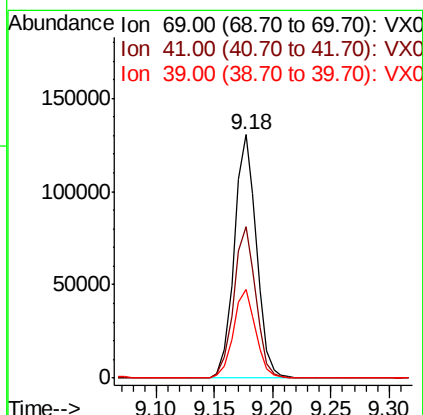
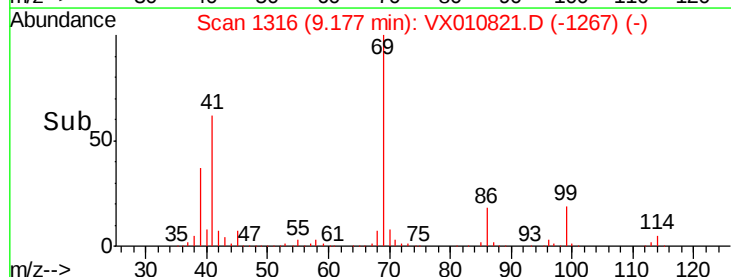
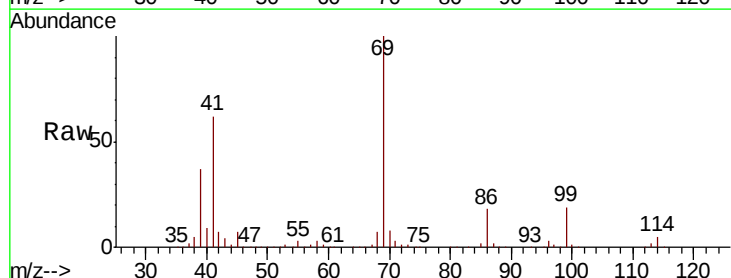
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

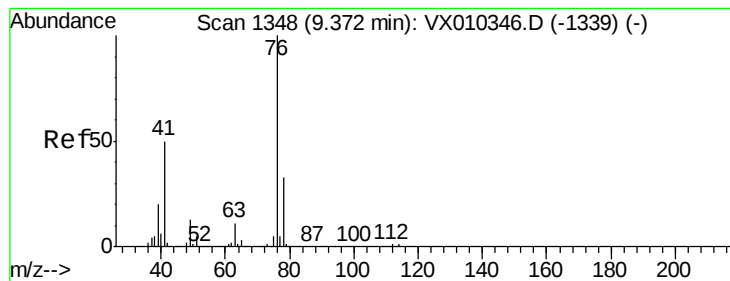
Tot Ion: 97 Resp: 110084
Ion Ratio Lower Upper
97 100
83 87.8 67.4 101.0
85 55.9 43.8 65.8
99 64.2 50.3 75.5



#56
Ethyl methacrylate
Concen: 45.531 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 69 Resp: 173392
Ion Ratio Lower Upper
69 100
41 62.0 47.1 70.7
39 36.5 26.6 40.0





#57

1,3-Dichloropropane

Concen: 45.142 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

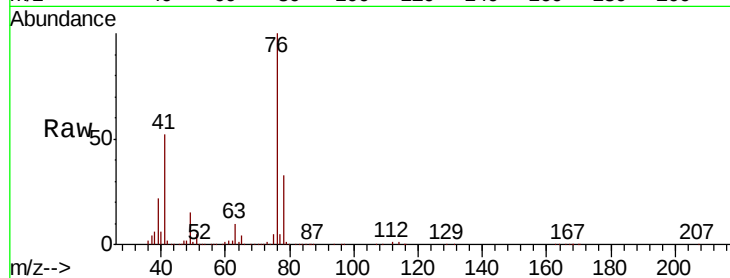
VSTDCCC050EC

Tot Ion: 76 Resp: 176159

Ion Ratio Lower Upper

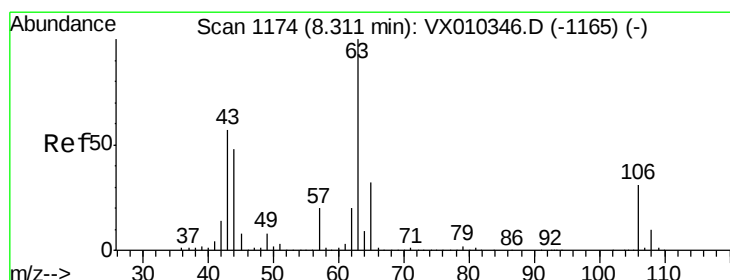
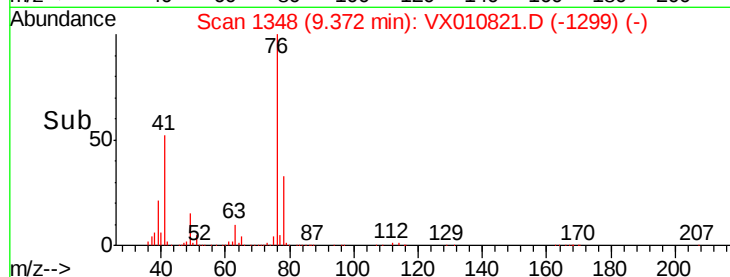
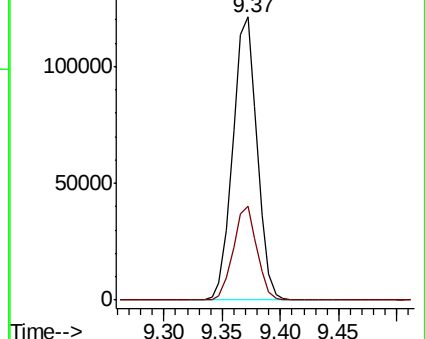
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 202.133 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010821.D

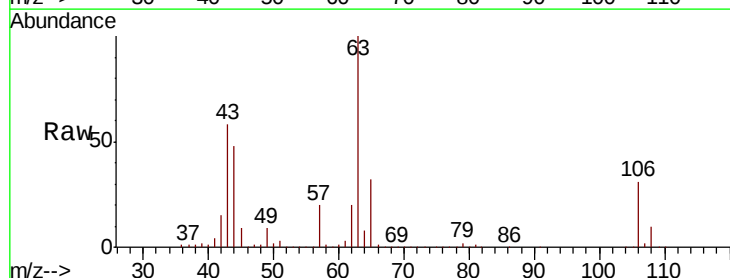
Acq: 11 Jul 2019 20:40

Tgt Ion: 63 Resp: 365588

Ion Ratio Lower Upper

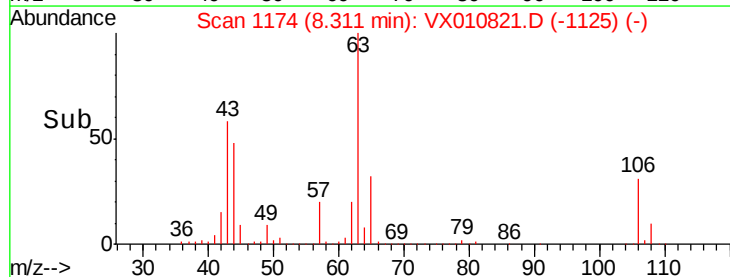
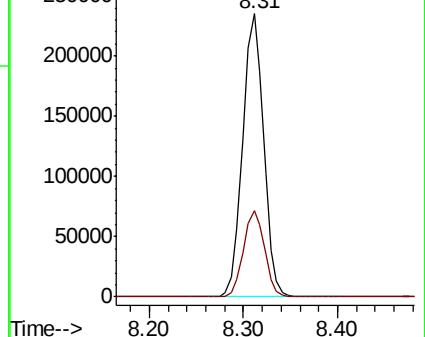
63 100

106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

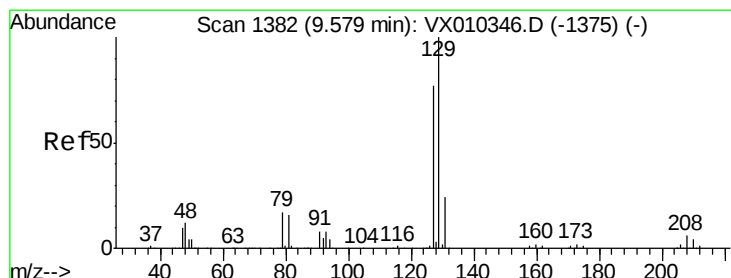
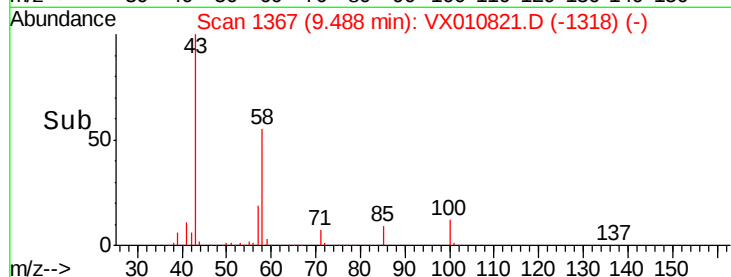
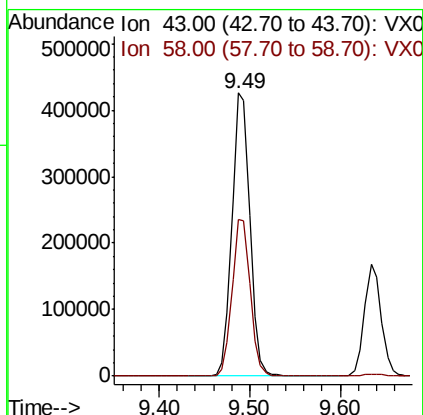
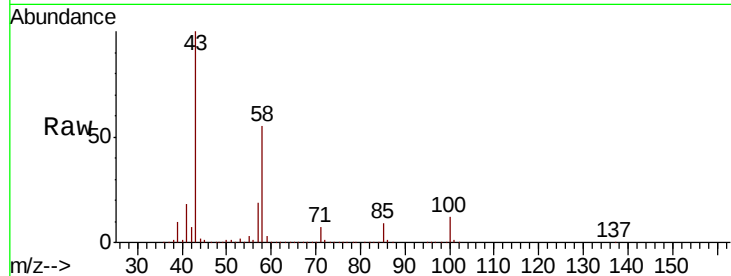




#59
2-Hexanone
Concen: 229.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

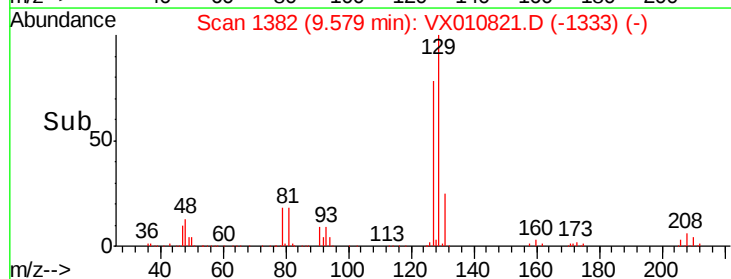
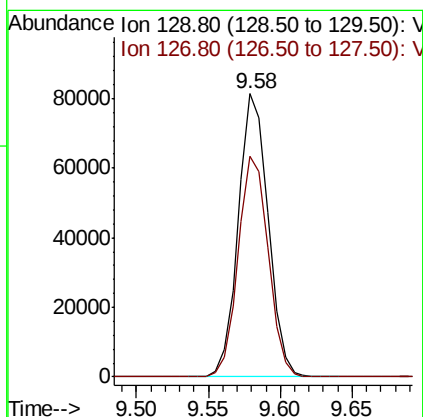
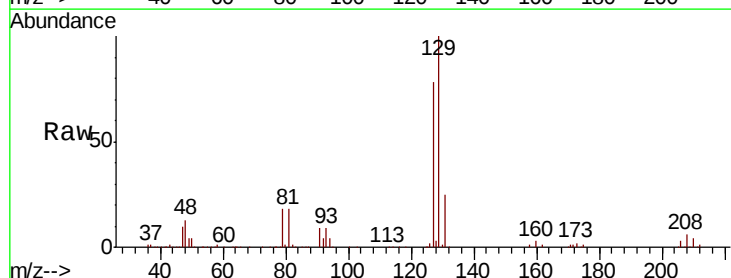
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

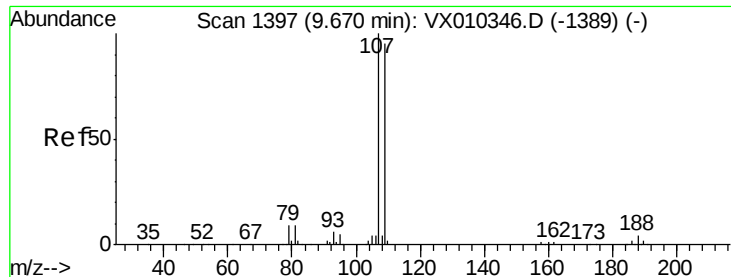
Tot Ion: 43 Resp: 585047
Ion Ratio Lower Upper
43 100
58 56.0 29.0 87.1



#60
Dibromochloromethane
Concen: 41.665 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 129 Resp: 117276
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1

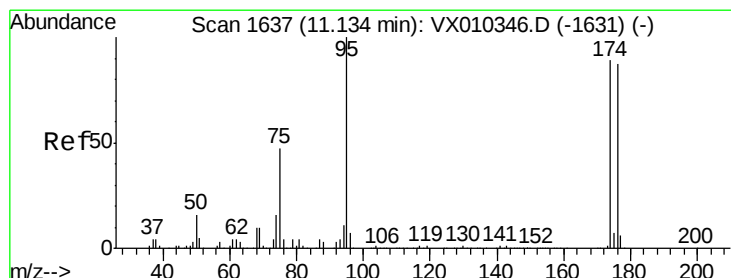
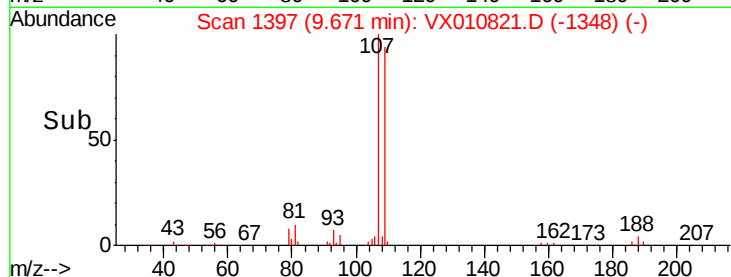
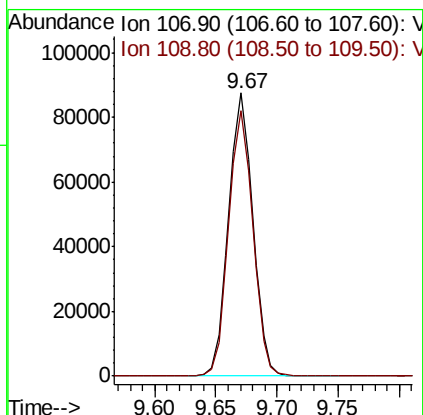
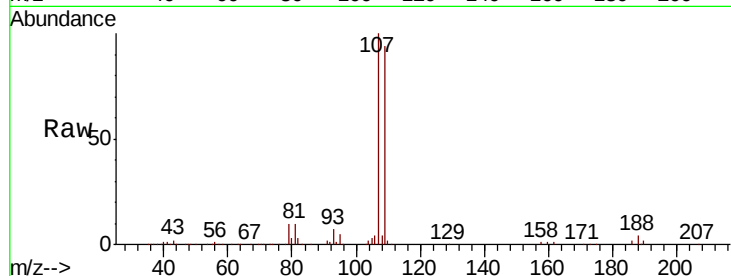




#61
 1,2-Dibromoethane
 Concen: 44.310 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

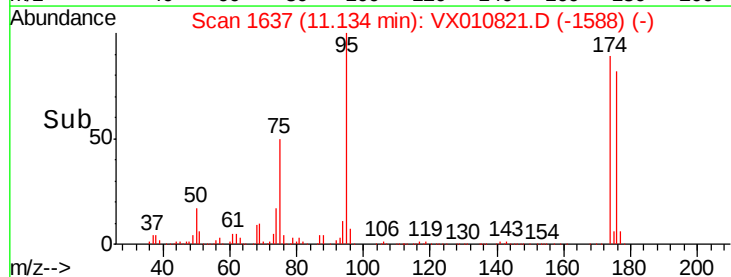
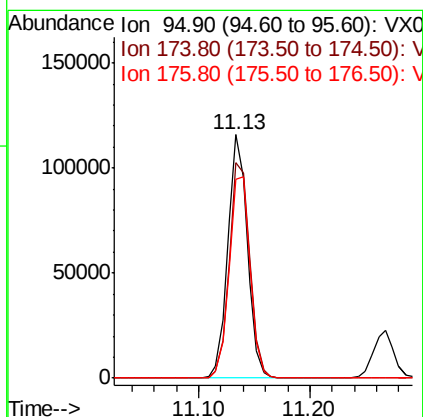
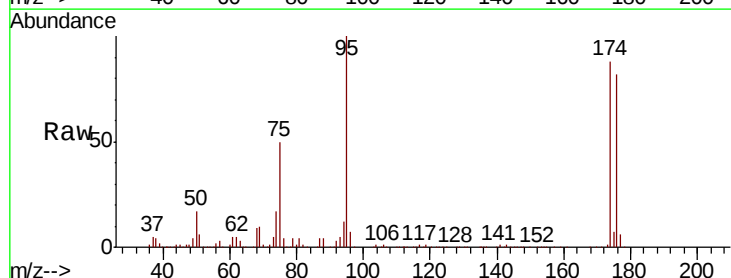
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

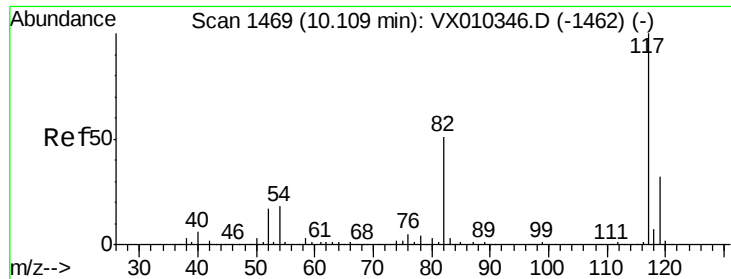
Tot Ion:107 Resp: 120235
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 44.354 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 95 Resp: 140138
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 187.6
 176 89.0 0.0 184.0

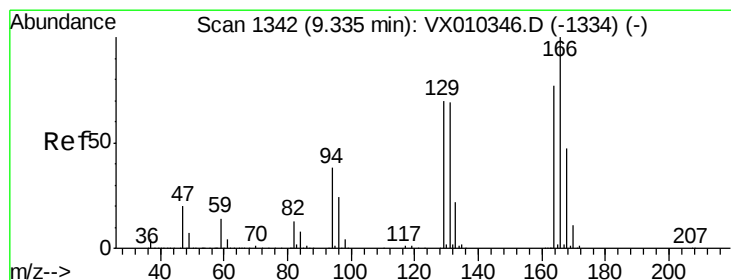
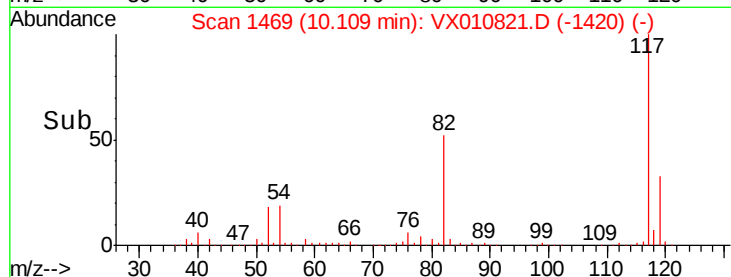
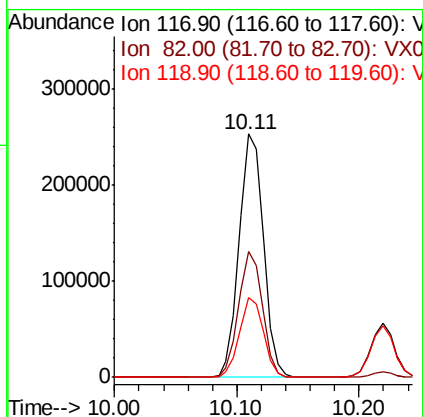
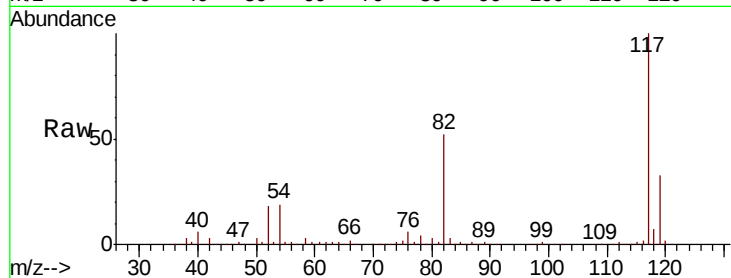




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

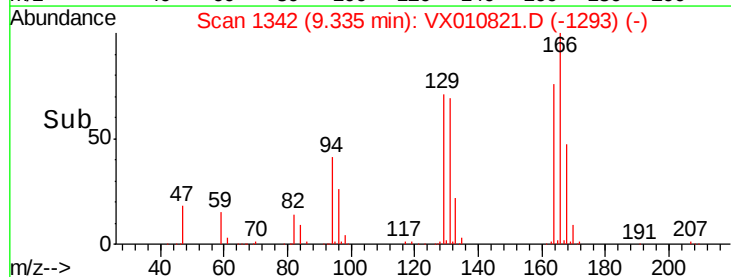
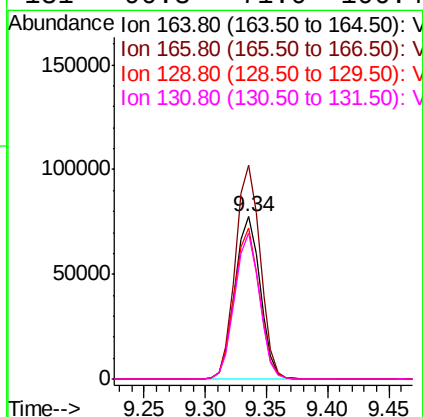
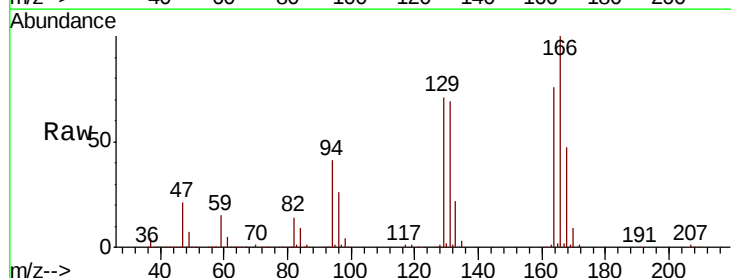
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

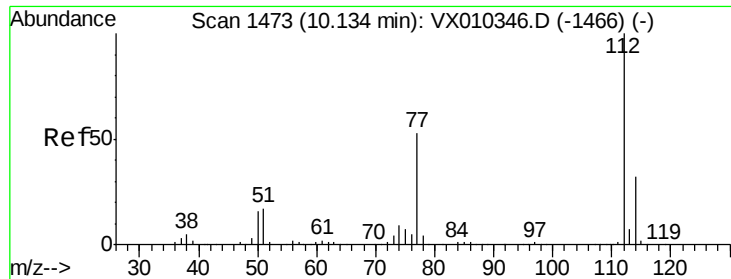
Tot Ion:117 Resp: 347111
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 39.415 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:164 Resp: 110658
Ion Ratio Lower Upper
164 100
166 131.6 103.6 155.4
129 93.4 73.0 109.4
131 90.3 71.0 106.4

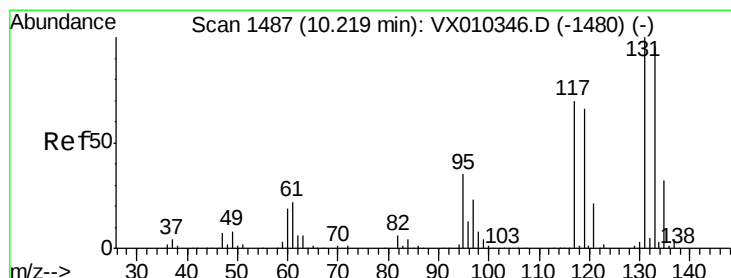
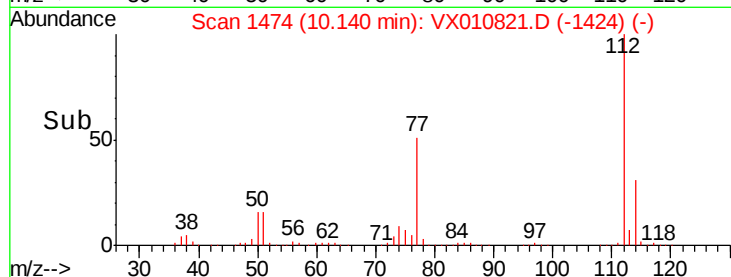
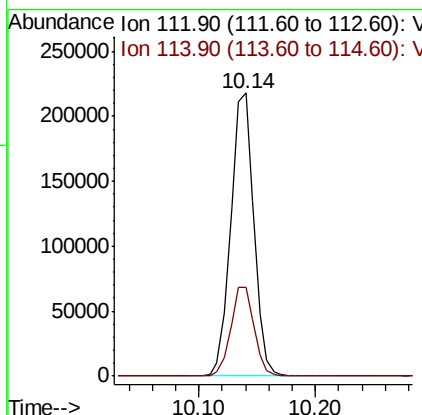
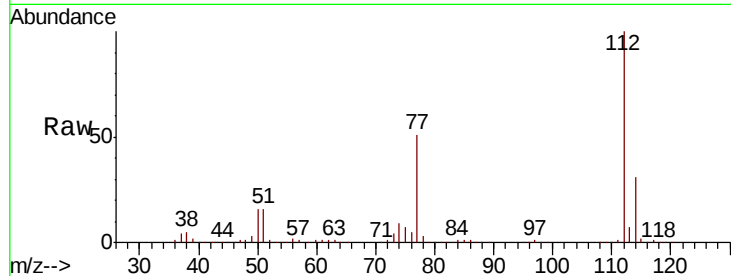




#65
Chlorobenzene
Concen: 42.681 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

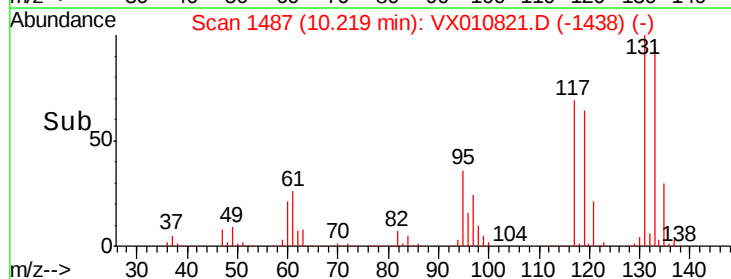
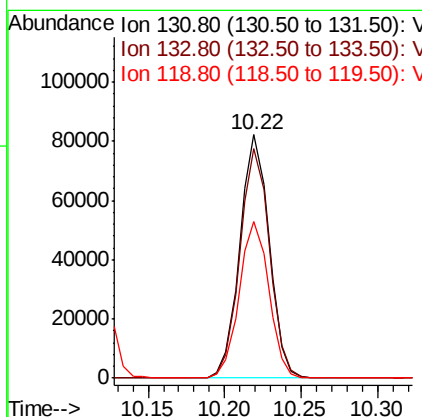
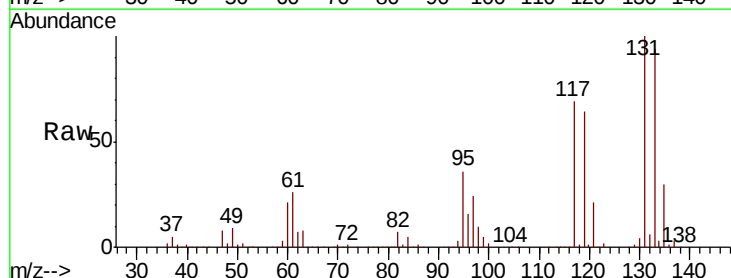
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

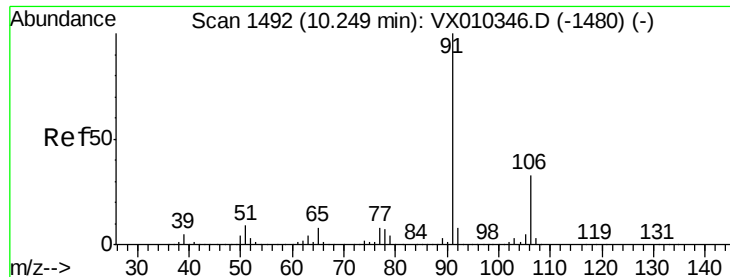
Tot Ion:112 Resp: 300772
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 42.649 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:131 Resp: 109476
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 43.560 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

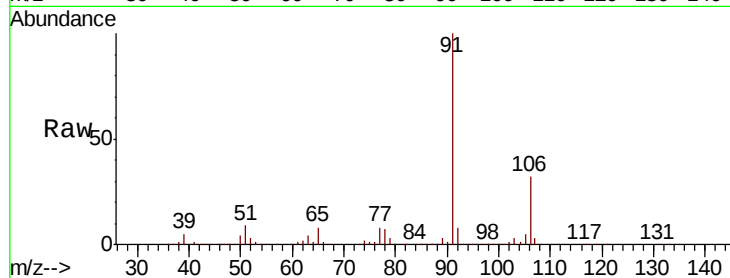
VSTDCCC050EC

Tot Ion: 91 Resp: 518228

Ion Ratio Lower Upper

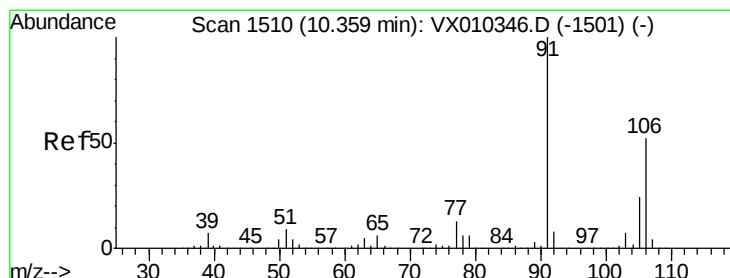
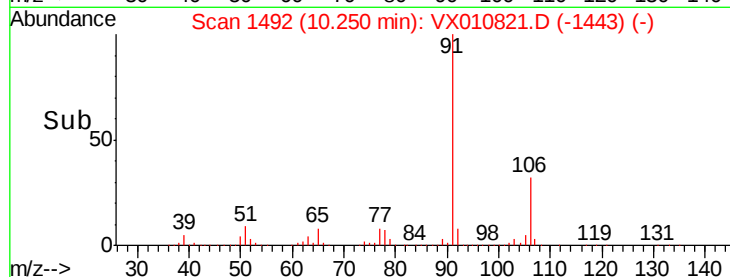
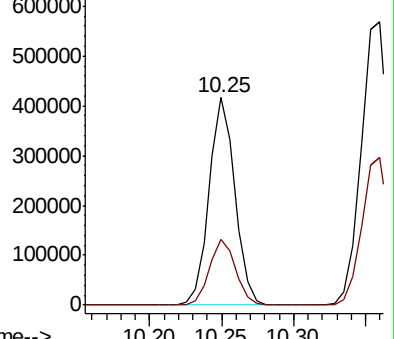
91 100

106 32.0 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 87.177 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010821.D

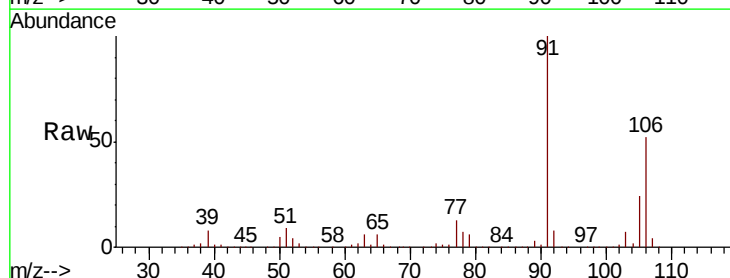
Acq: 11 Jul 2019 20:40

Tgt Ion: 106 Resp: 401867

Ion Ratio Lower Upper

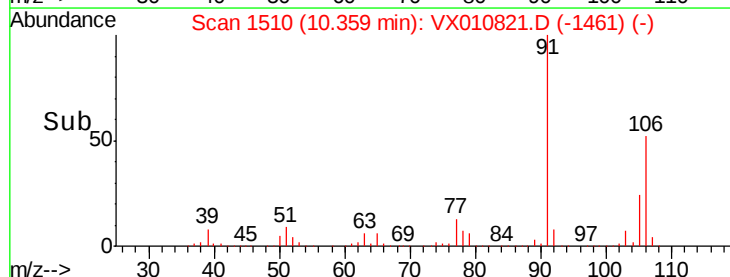
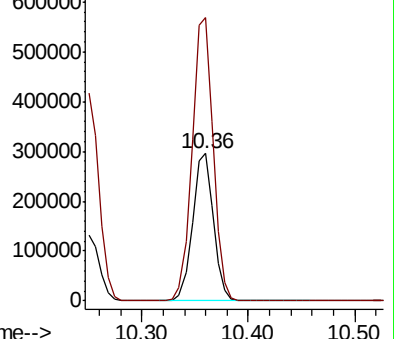
106 100

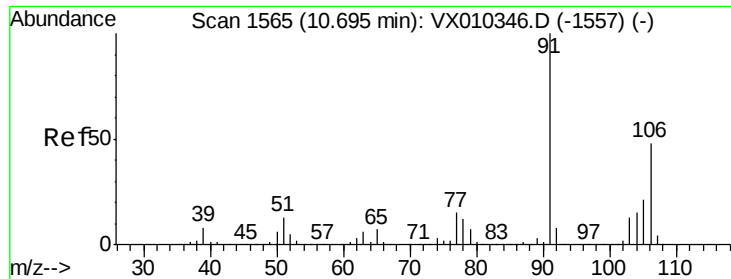
91 195.2 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

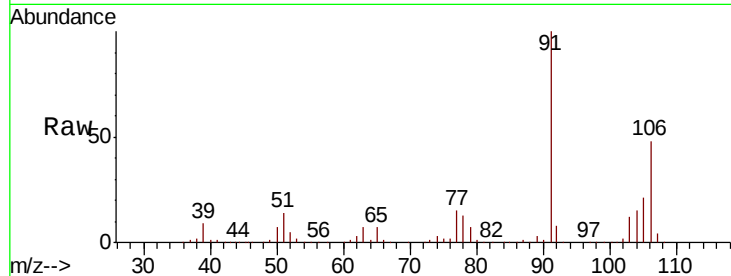




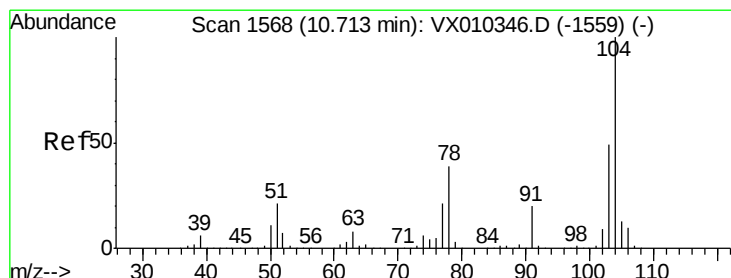
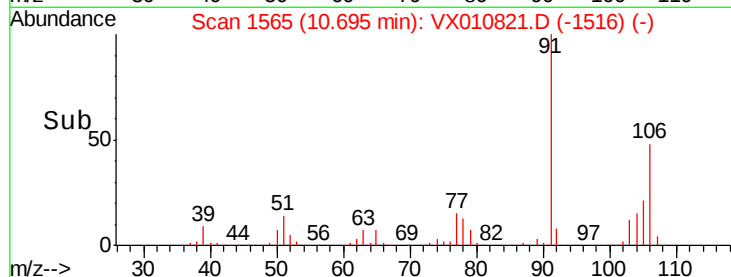
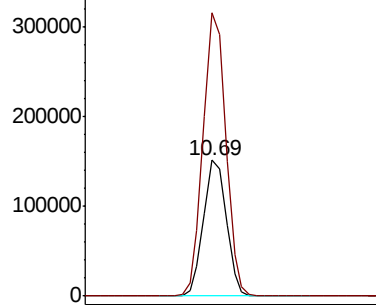
#69
o-Xylene
Concen: 43.145 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 195586
Ion Ratio Lower Upper
106 100
91 206.5 102.7 308.1

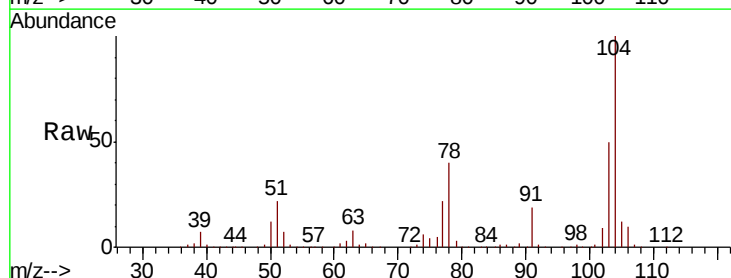


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

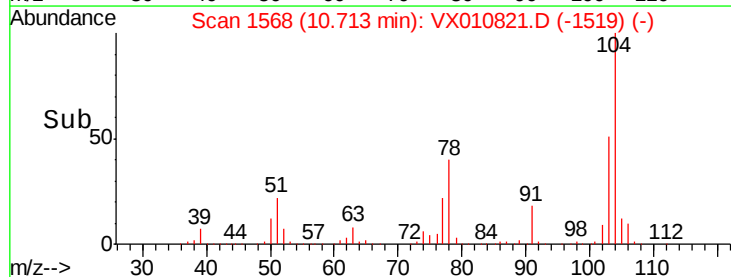
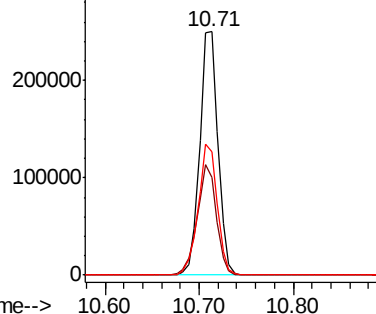


#70
Styrene
Concen: 44.217 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:104 Resp: 336156
Ion Ratio Lower Upper
104 100
78 47.5 36.2 54.2
103 55.9 44.2 66.4



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: 40.120 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

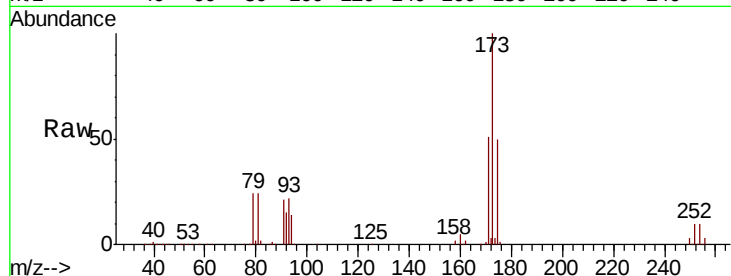
Tot Ion:173 Resp: 89558

Ion Ratio Lower Upper

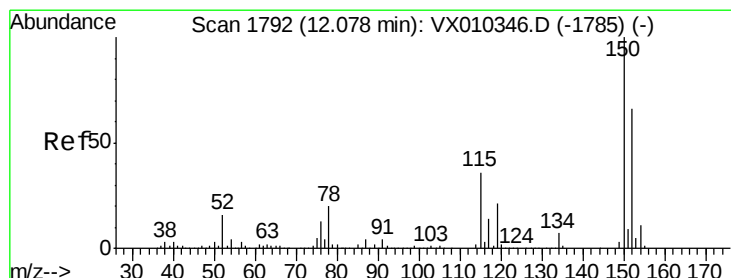
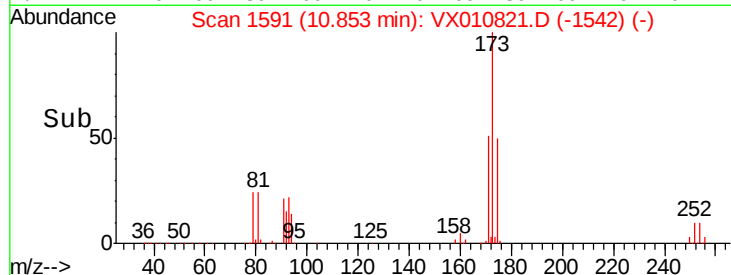
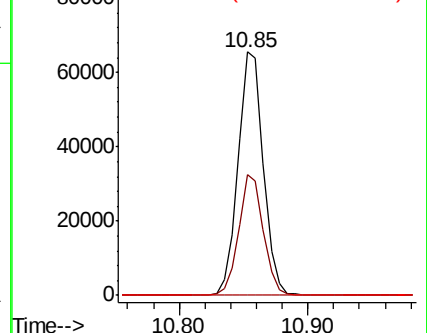
173 100

175 48.6 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

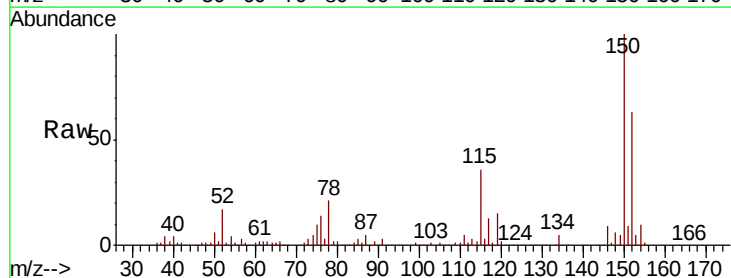
Tgt Ion:152 Resp: 178681

Ion Ratio Lower Upper

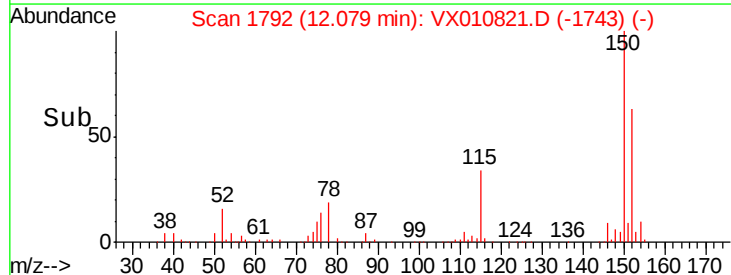
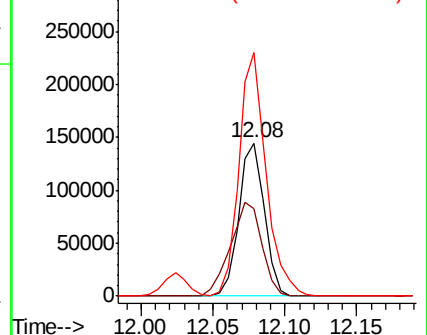
152 100

115 75.8 38.6 115.7

150 169.2 0.0 347.4



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

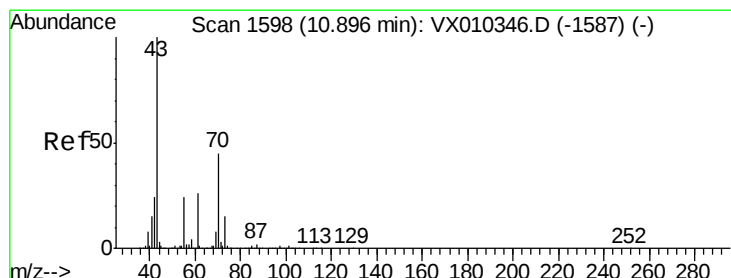
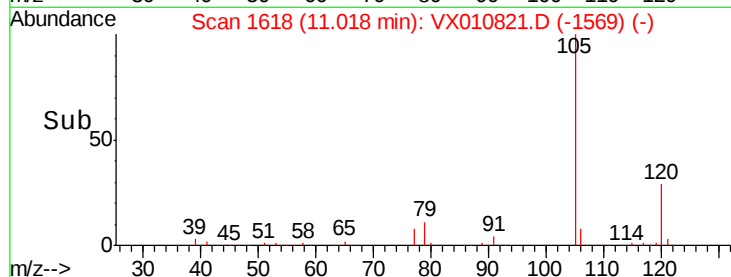
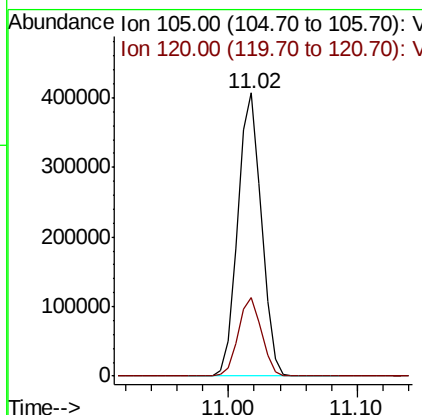
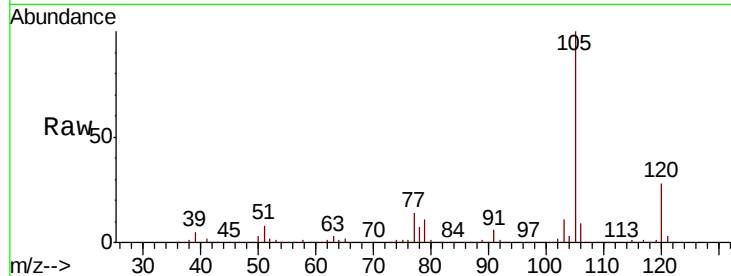




#73
Isopropylbenzene
Concen: 42.778 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

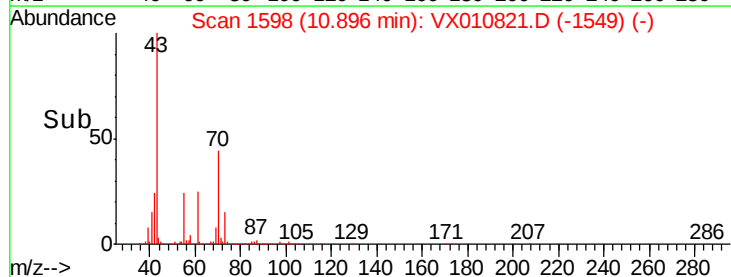
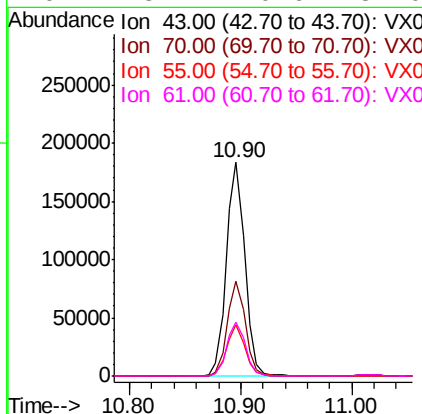
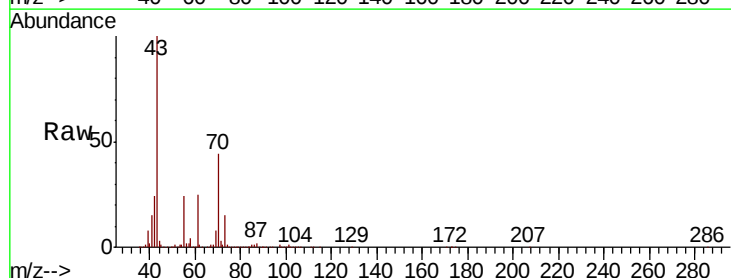
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

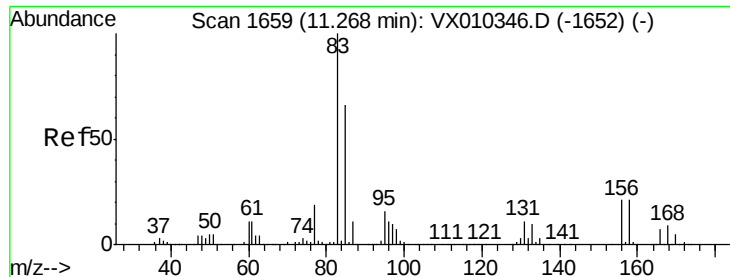
Tot Ion:105 Resp: 518143
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



#74
N-ethyl acetate
Concen: 45.926 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 43 Resp: 210226
Ion Ratio Lower Upper
43 100
70 43.8 36.6 54.8
55 24.2 18.7 28.1
61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.403 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

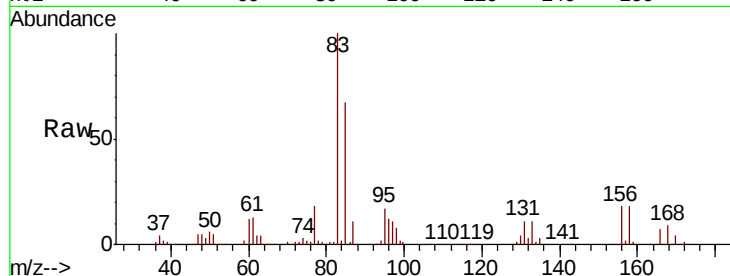
Tot Ion: 83 Resp: 174101

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

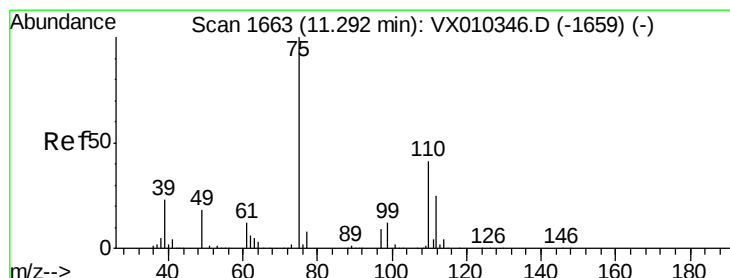
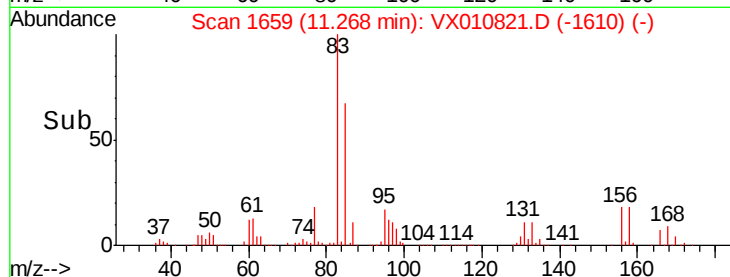
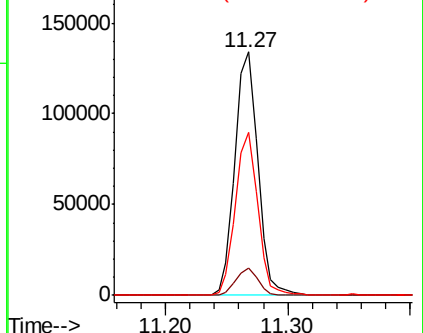
85 65.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.190 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010821.D

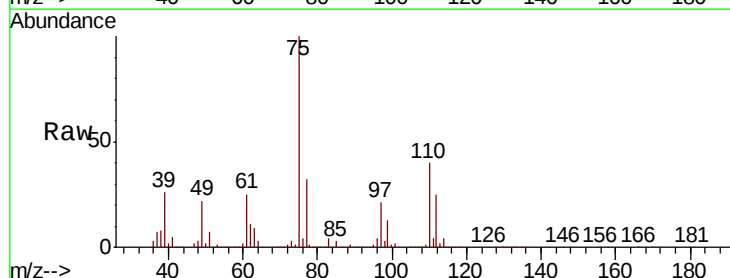
Acq: 11 Jul 2019 20:40

Tgt Ion: 75 Resp: 182958

Ion Ratio Lower Upper

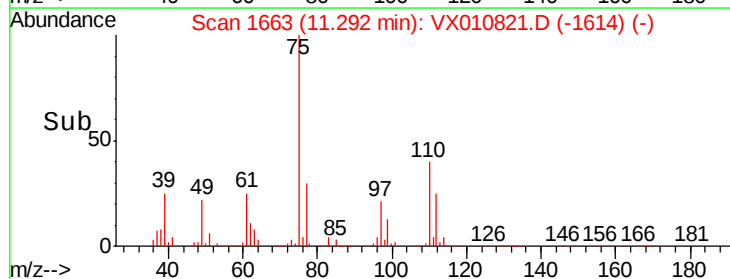
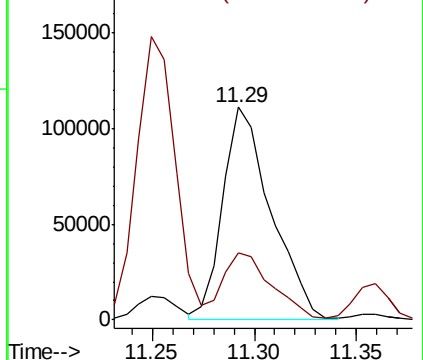
75 100

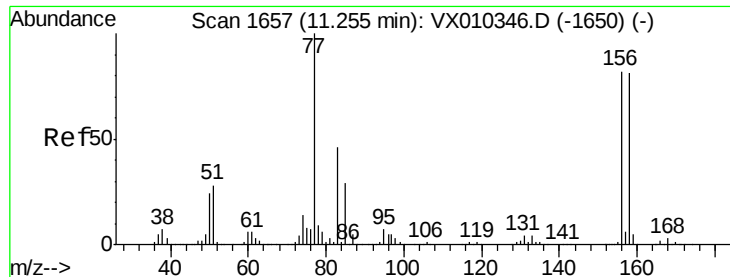
77 32.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.095 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

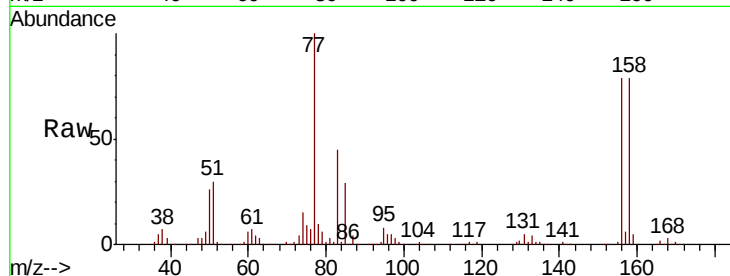
Tot Ion:156 Resp: 142371

Ion Ratio Lower Upper

156 100

77 136.4 66.3 198.7

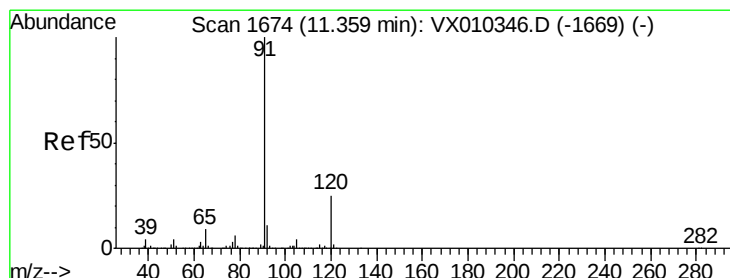
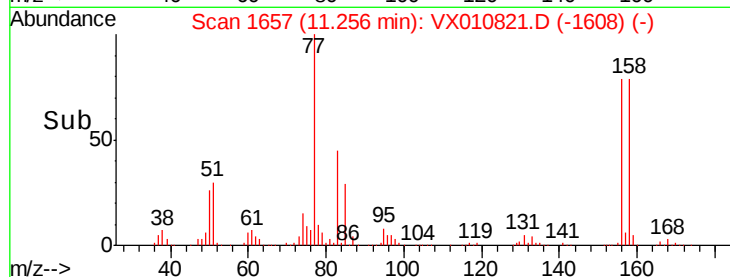
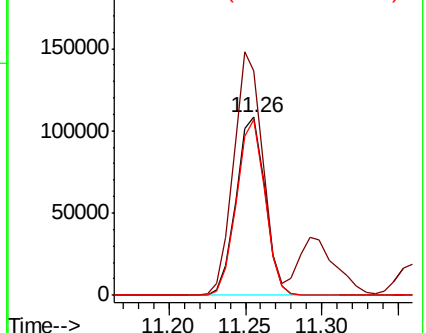
158 97.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010821.D

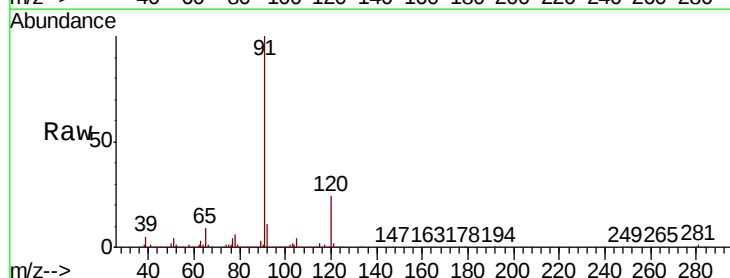
Acq: 11 Jul 2019 20:40

Tgt Ion: 91 Resp: 589694

Ion Ratio Lower Upper

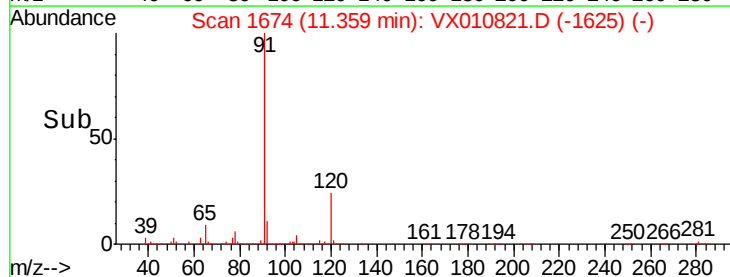
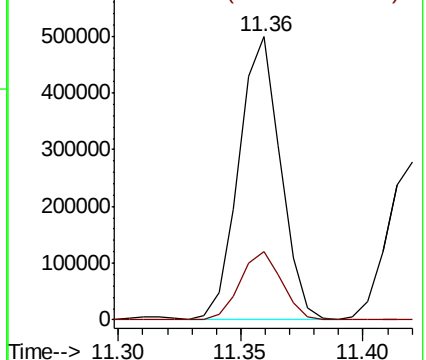
91 100

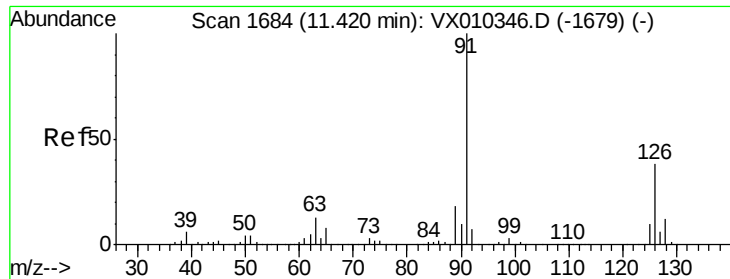
120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

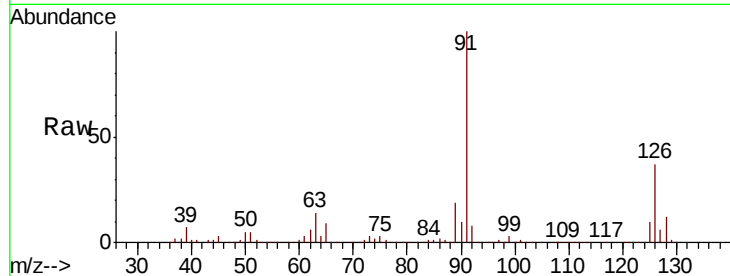




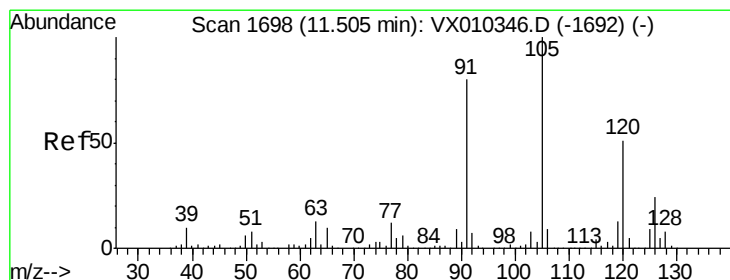
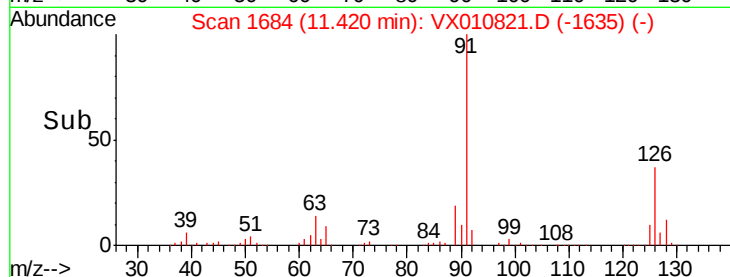
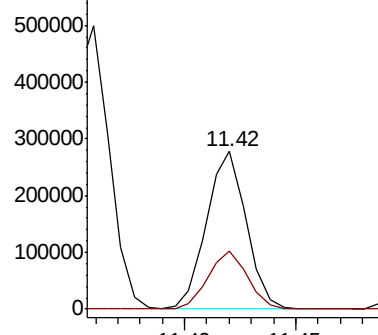
#79
2-Chlorotoluene
Concen: 43.407 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 344089
Ion Ratio Lower Upper
91 100
126 36.8 18.7 56.1

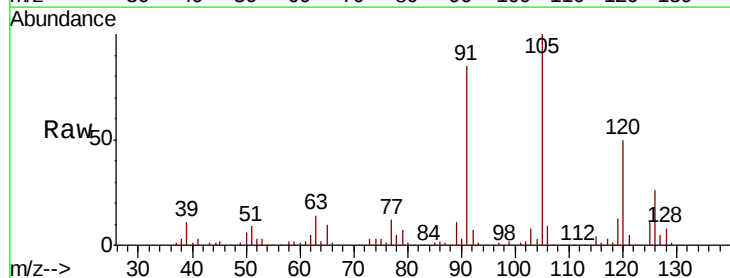


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

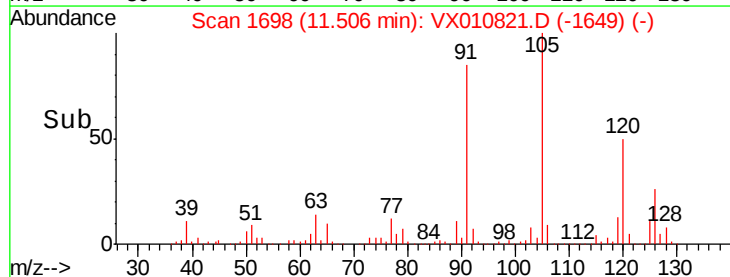
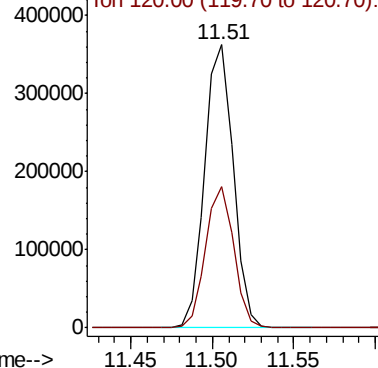


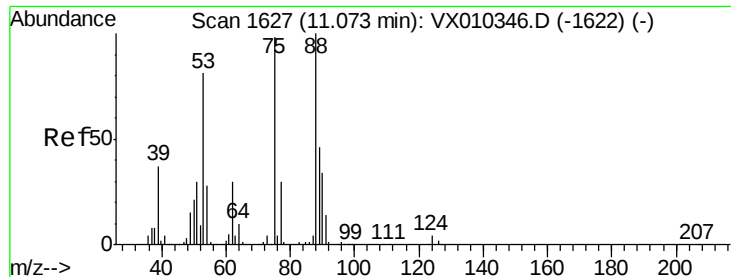
#80
1,3,5-Trimethylbenzene
Concen: 44.363 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 105 Resp: 442975
Ion Ratio Lower Upper
105 100
120 49.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

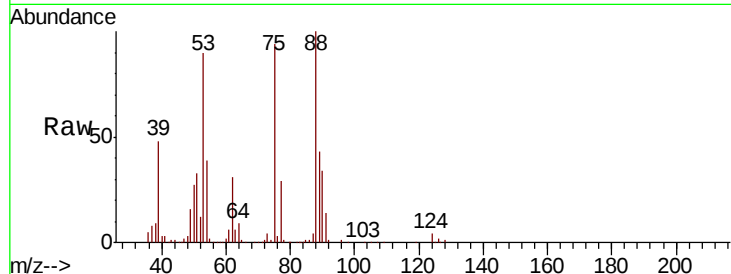




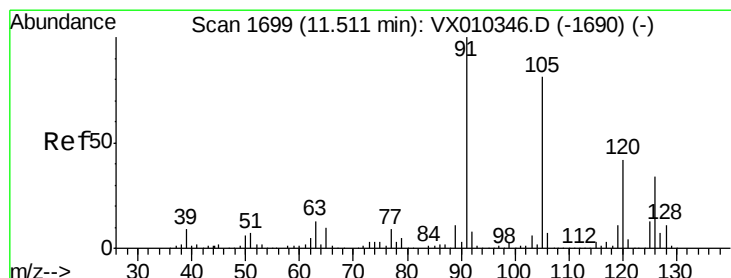
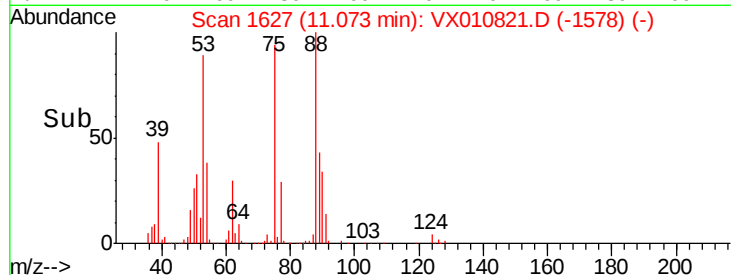
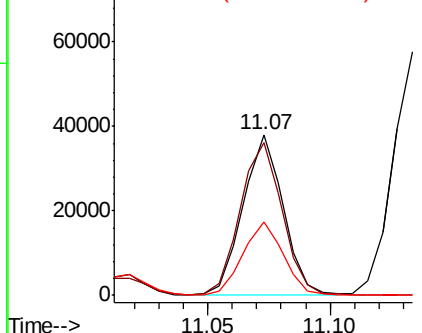
#81
trans-1,4-Dichloro-2-butene
Concen: 31.301 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 43687
Ion Ratio Lower Upper
75 100
53 98.9 66.1 99.1
89 45.9 37.8 56.6

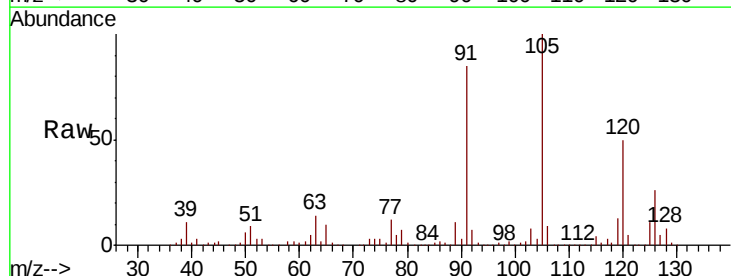


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

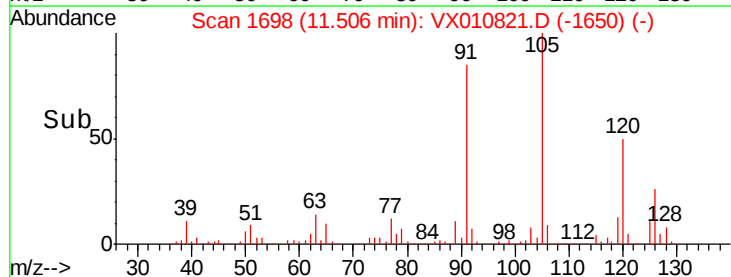
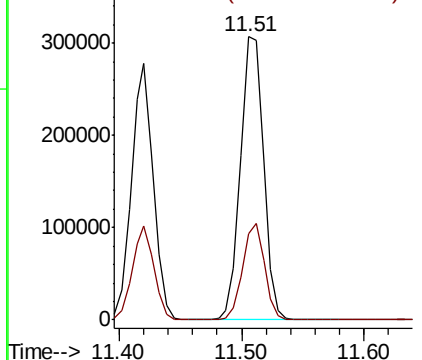


#82
4-Chlorotoluene
Concen: 44.491 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 91 Resp: 401309
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6



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

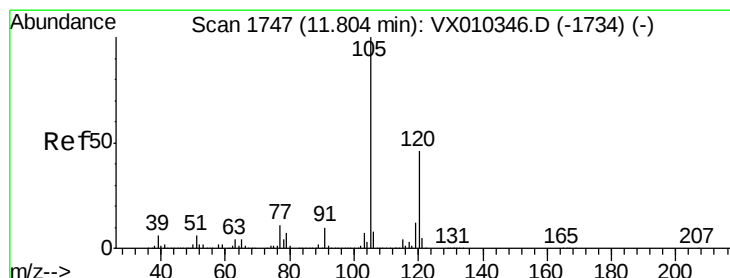
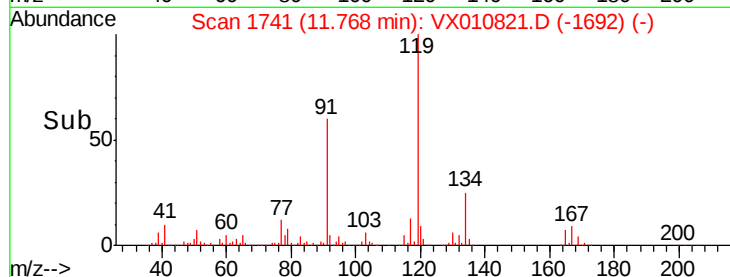
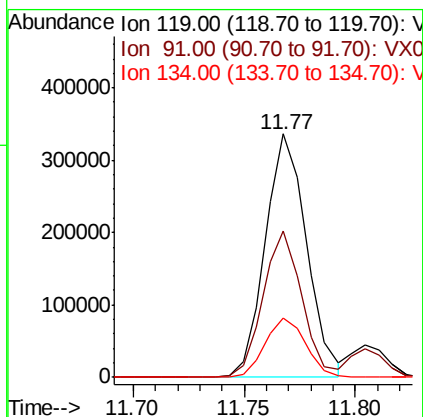
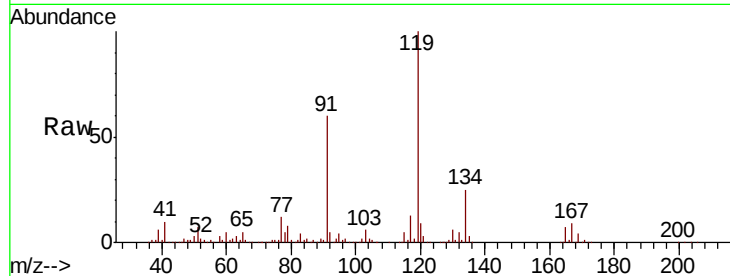




#83
tert-Butylbenzene
Concen: 43.269 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

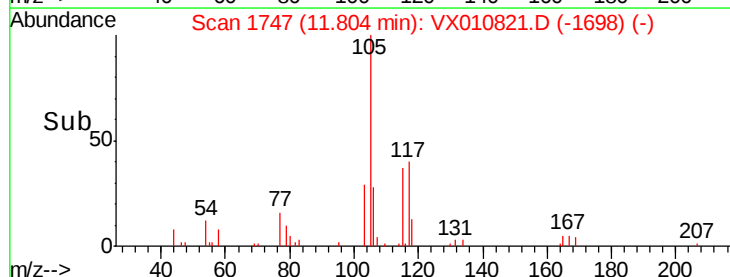
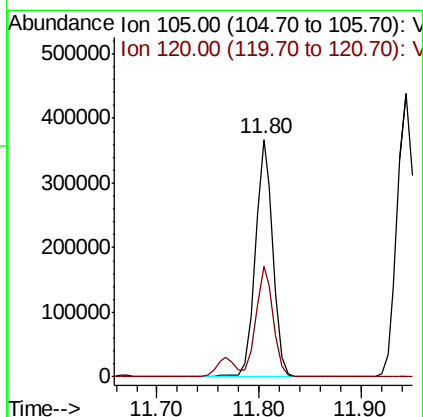
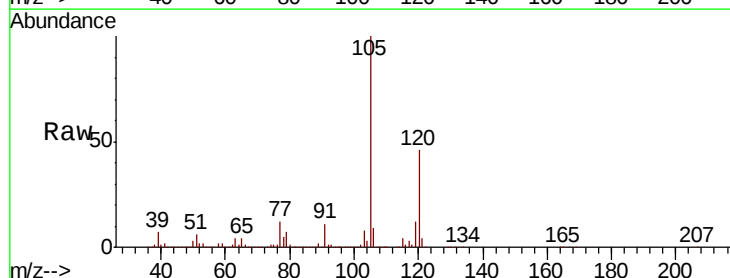
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 433640
Ion Ratio Lower Upper
119 100
91 56.9 27.6 82.7
134 23.8 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 44.025 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:105 Resp: 441654
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.2

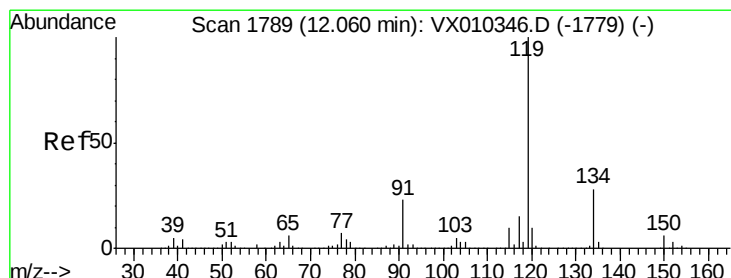
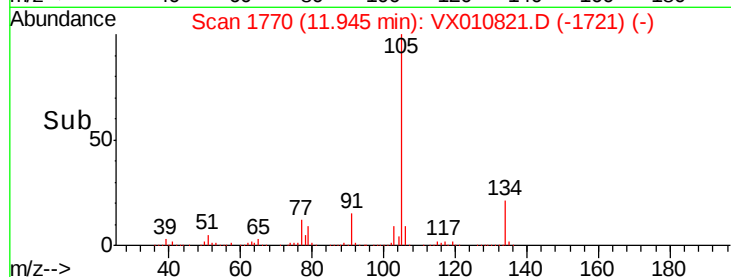
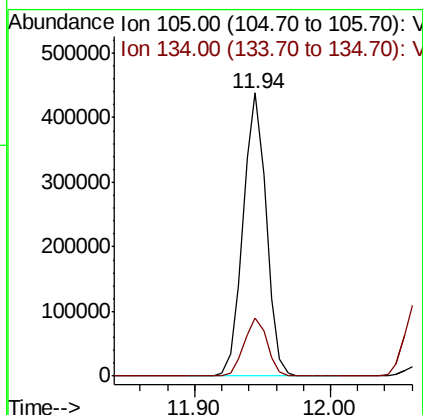
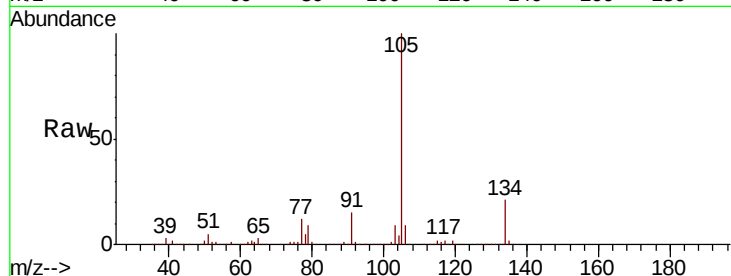




#85
 sec-Butylbenzene
 Concen: 44.065 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

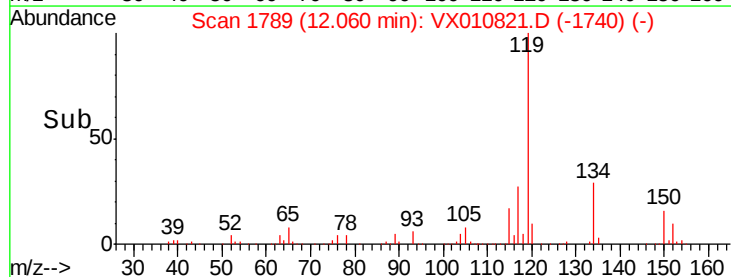
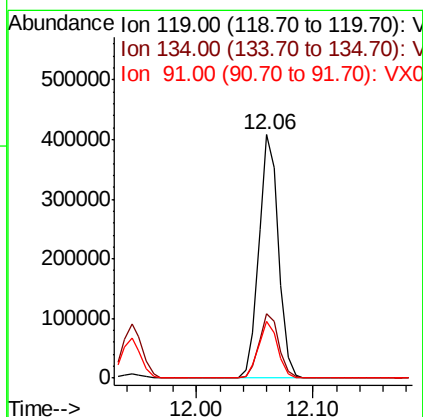
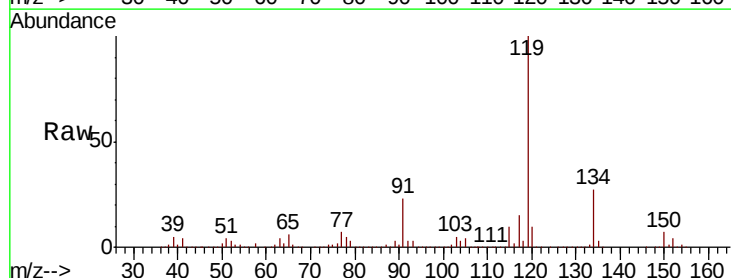
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:105 Resp: 518520
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 43.743 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion:119 Resp: 476115
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.1
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 42.553 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

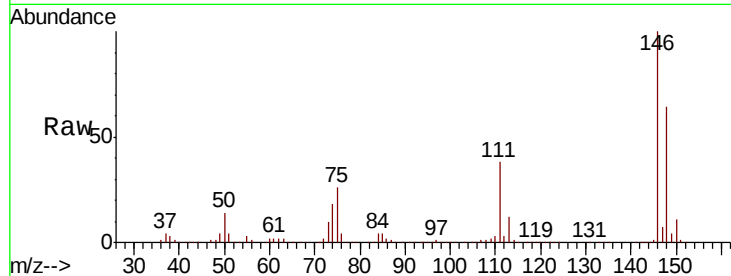
Tot Ion:146 Resp: 251218

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

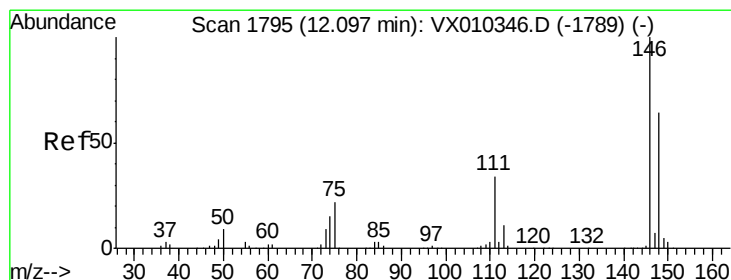
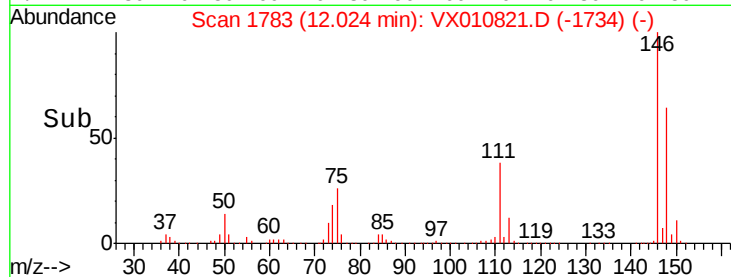
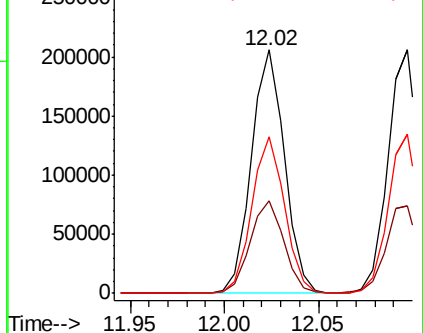
148 63.5 32.5 97.4



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: 41.067 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

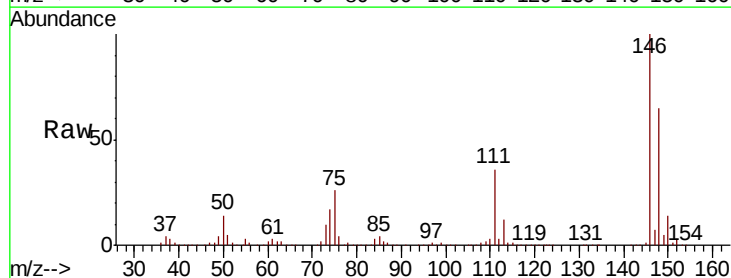
Tgt Ion:146 Resp: 246825

Ion Ratio Lower Upper

146 100

111 37.4 18.1 54.3

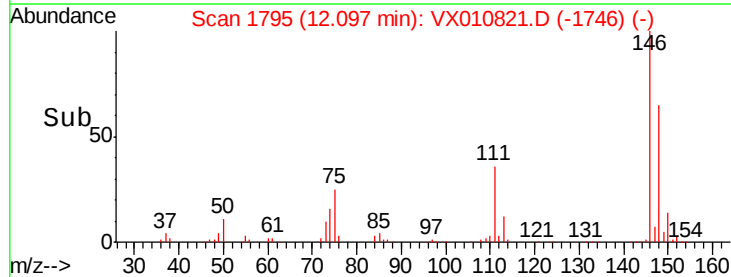
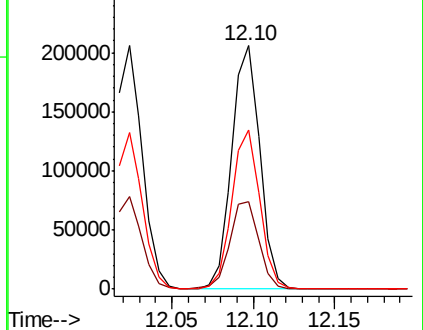
148 64.6 32.1 96.3



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

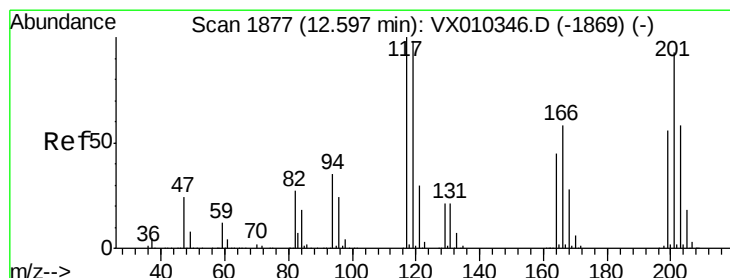
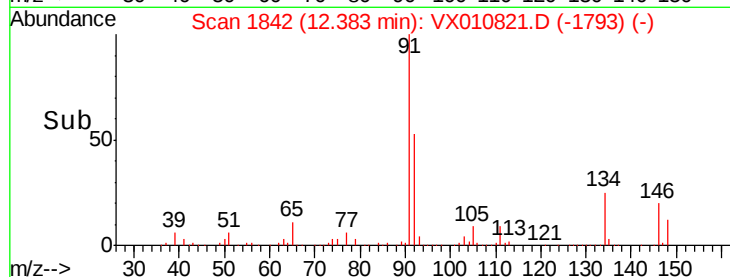
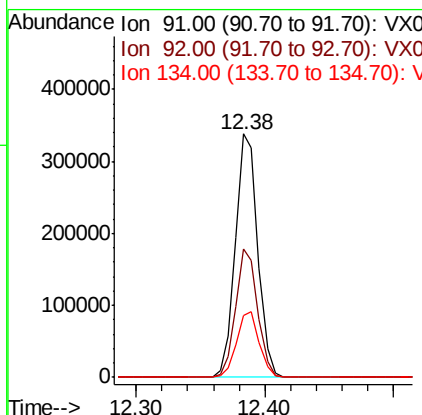
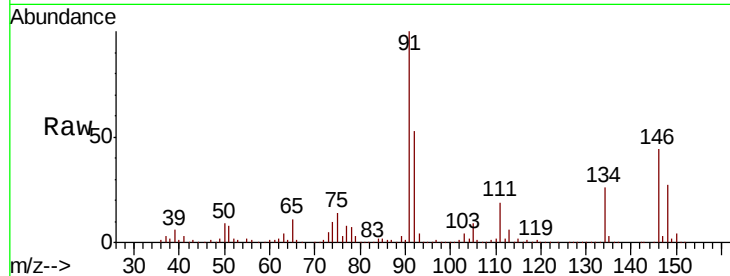




#89
n-Butylbenzene
Concen: 44.336 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

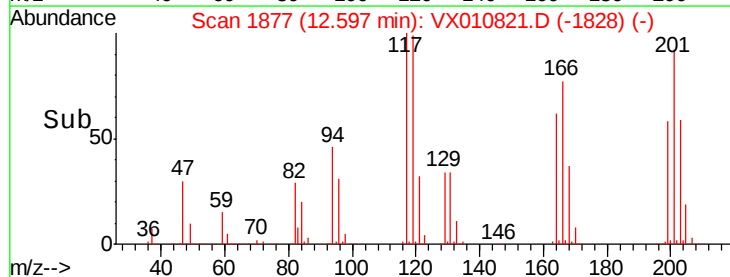
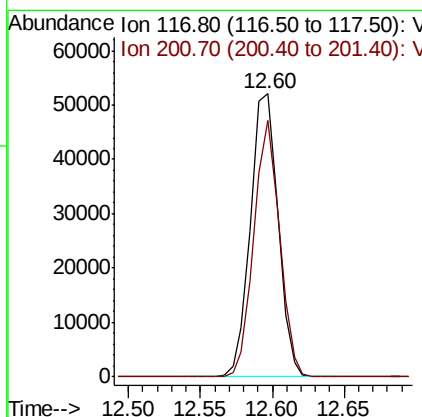
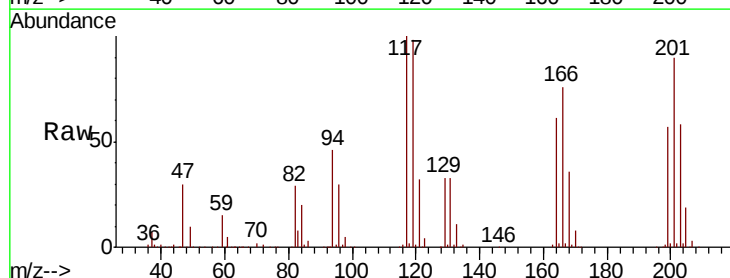
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

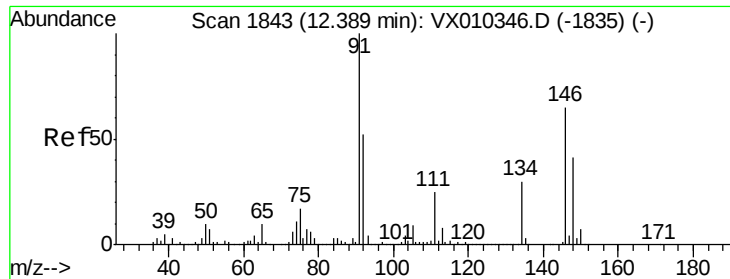
Tot Ion: 91 Resp: 410058
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 27.1 14.1 42.4



#90
Hexachloroethane
Concen: 36.554 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 117 Resp: 68796
Ion Ratio Lower Upper
117 100
201 84.2 44.0 131.8

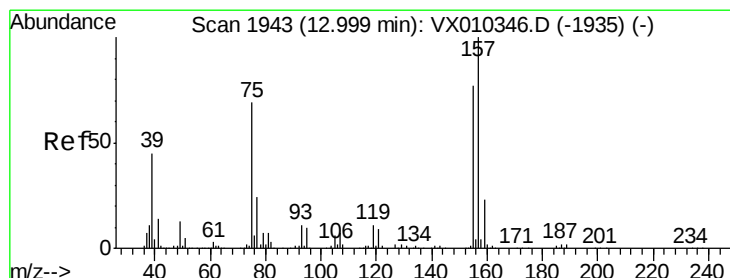
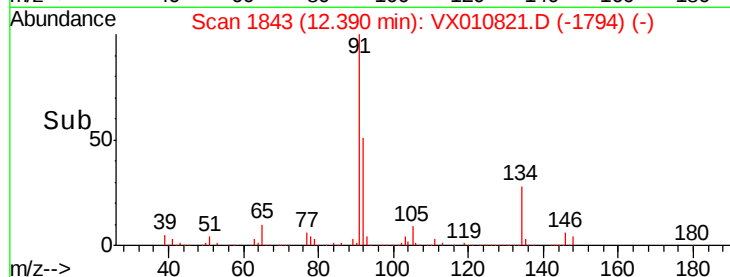
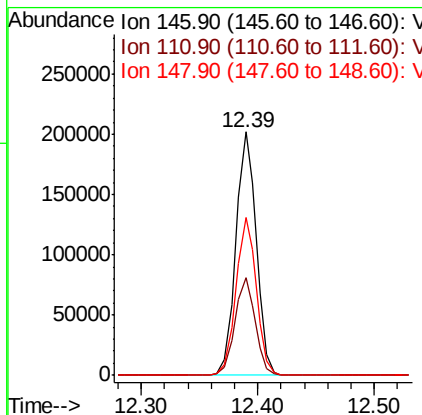
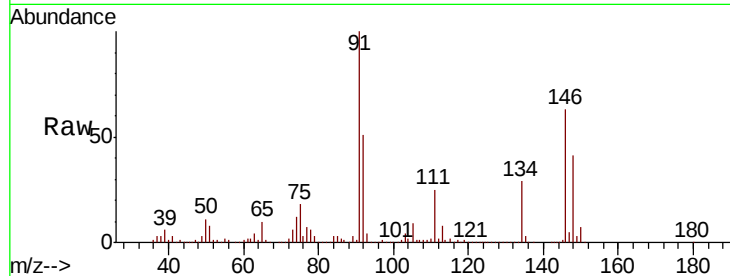




#91
 1,2-Dichlorobenzene
 Concen: 41.958 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

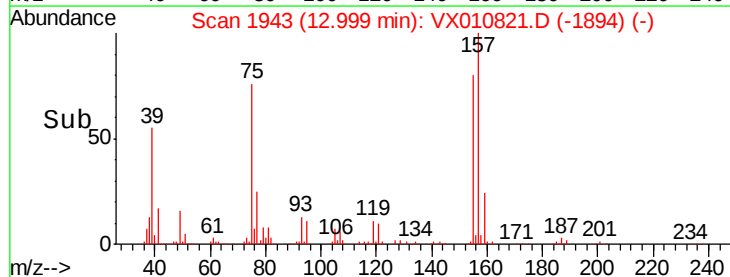
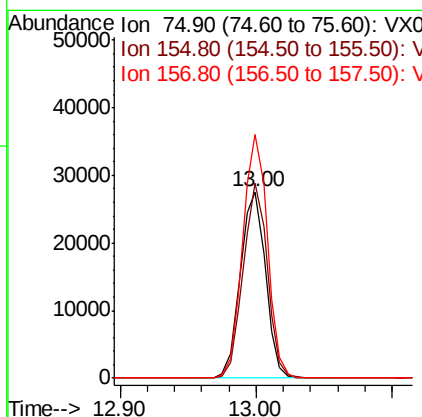
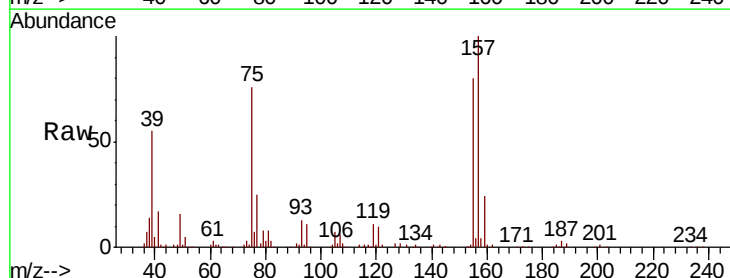
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 246192
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.2 57.6
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.201 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 75 Resp: 35633
 Ion Ratio Lower Upper
 75 100
 155 100.6 54.4 163.1
 157 128.1 69.5 208.3

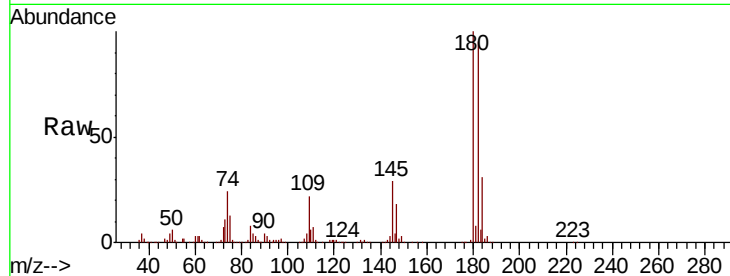




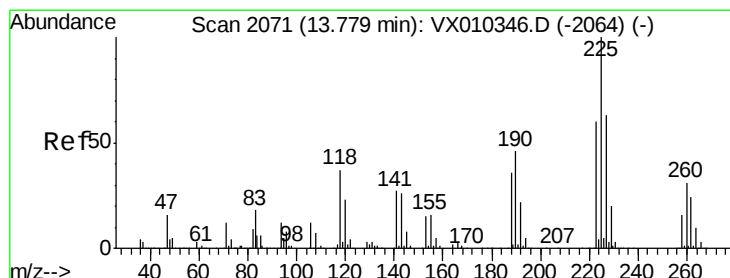
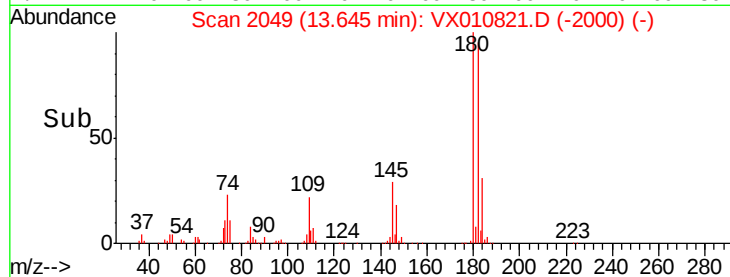
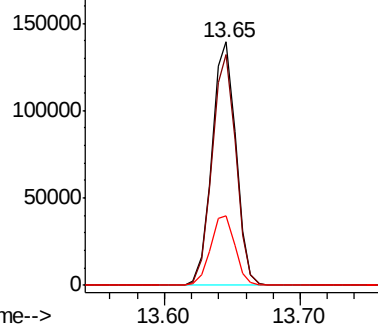
#93
 1,2,4-Trichlorobenzene
 Concen: 41.999 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 170895
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.0
 145 29.1 14.4 43.4

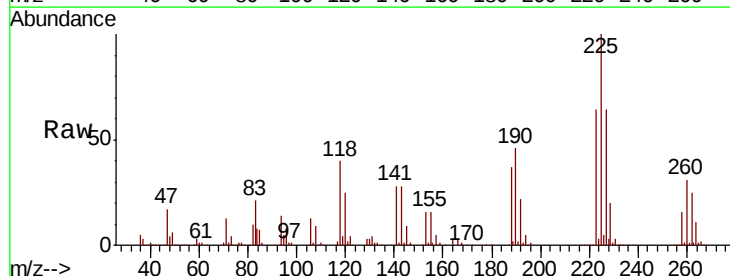


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

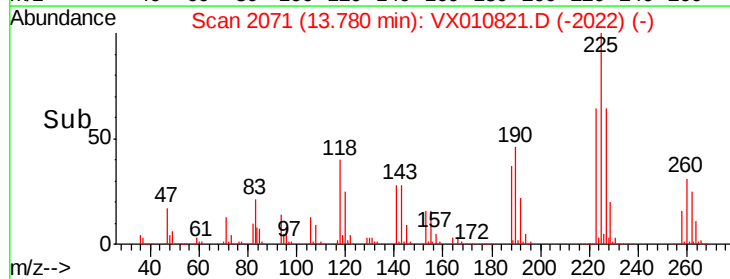
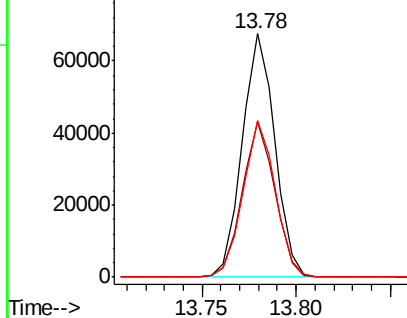


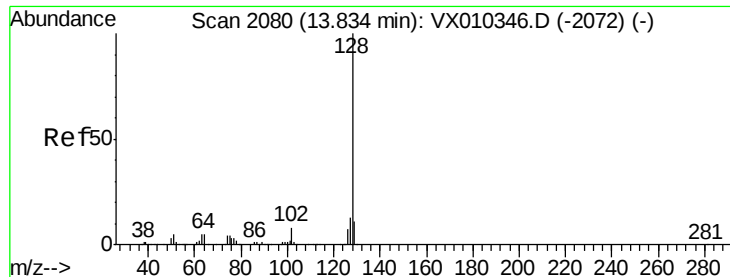
#94
 Hexachlorobutadiene
 Concen: 40.686 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion:225 Resp: 80912
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.7
 227 64.0 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

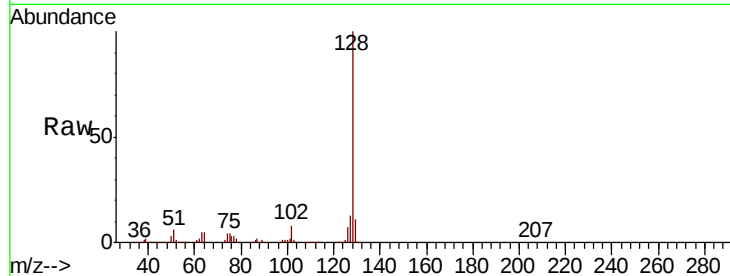




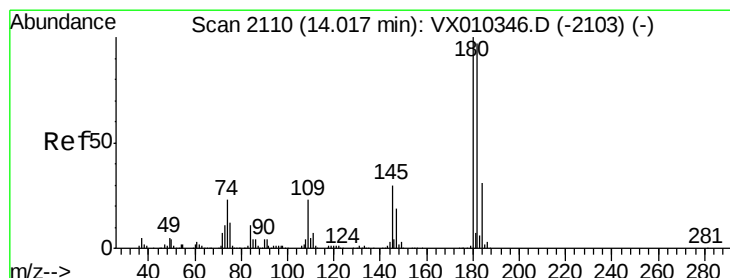
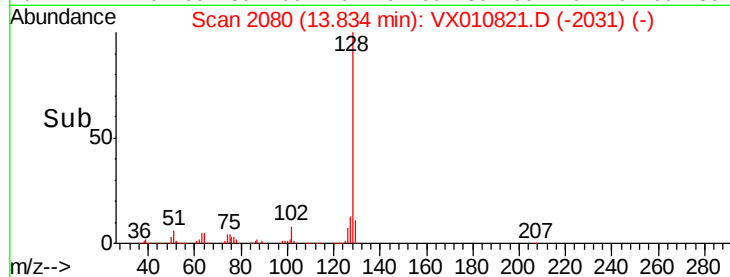
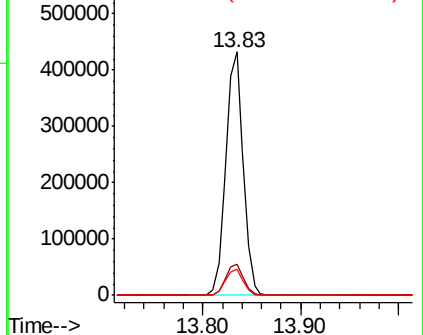
#95
Naphthalene
Concen: 42.499 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 531424
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.9 13.3

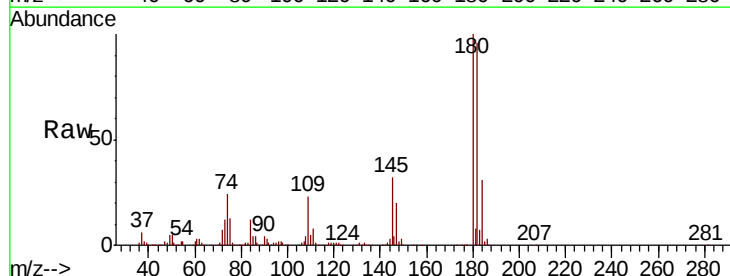


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 42.914 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:180 Resp: 173615
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 31.2 15.2 45.6



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

