

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018334.D
 Acq On : 10 Sep 2020 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 06:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	409705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	619246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341084	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	284283	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	5.46	113	223480	52.99	ug/l	-0.01
Spiked Amount			Recovery	=	105.98%	
50) Toluene-d8	8.70	98	766729	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.12	95	318118	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	252302	50.579	ug/l	99
3) Chloromethane	1.31	50	214566	40.800	ug/l	100
4) Vinyl Chloride	1.39	62	236965	45.265	ug/l	97
5) Bromomethane	1.62	94	133718	52.956	ug/l	99
6) Chloroethane	1.71	64	145760	51.839	ug/l	100
7) Trichlorofluoromethane	1.92	101	415546	58.213	ug/l	95
8) Diethyl Ether	2.17	74	122103	50.438	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	219563	56.893	ug/l	98
10) Methyl Iodide	2.49	142	173548	42.874	ug/l	98
11) Tert butyl alcohol	3.01	59	265237	239.837	ug/l	99
12) 1,1-Dichloroethene	2.35	96	201020	50.207	ug/l	96
13) Acrolein	2.27	56	136621	297.937	ug/l	99
14) Allyl chloride	2.70	41	364980	50.738	ug/l	97
15) Acrylonitrile	3.11	53	604489	240.965	ug/l	99
16) Acetone	2.42	43	594484	268.233	ug/l	95
17) Carbon Disulfide	2.55	76	544520	44.988	ug/l	99
18) Methyl Acetate	2.75	43	301886	56.446	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	731626	53.282	ug/l	97
20) Methylene Chloride	2.83	84	229379	50.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	221956	50.036	ug/l	98
22) Diisopropyl ether	3.82	45	741265	52.211	ug/l	96
23) Vinyl Acetate	3.78	43	3209693	254.069	ug/l	100
24) 1,1-Dichloroethane	3.67	63	409135	50.624	ug/l	98
25) 2-Butanone	4.63	43	879309	241.410	ug/l	97
26) 2,2-Dichloropropane	4.55	77	396801	60.343	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	246523	48.234	ug/l	98
28) Bromochloromethane	4.98	49	186771	47.877	ug/l	100
29) Tetrahydrofuran	5.09	42	535339	230.881	ug/l	97
30) Chloroform	5.17	83	446931	53.407	ug/l	96
31) Cyclohexane	5.54	56	325381	47.795	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	411562	53.591	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311517	54.541	ug/l	99
37) Ethyl Acetate	4.79	43	322507	48.617	ug/l	99
38) Carbon Tetrachloride	5.75	117	384145	59.680	ug/l	96

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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	7.44	83	344750	55.200	ug/l	97
40) Benzene	6.11	78	887001	52.852	ug/l	98
41) Methacrylonitrile	5.00	41	176077	48.341	ug/l	97
42) 1,2-Dichloroethane	6.16	62	369524	57.467	ug/l	98
43) Isopropyl Acetate	6.41	43	538951	50.301	ug/l	99
44) Trichloroethene	7.19	130	254339	53.634	ug/l	97
45) 1,2-Dichloropropane	7.49	63	240646	53.202	ug/l	98
46) Dibromomethane	7.63	93	173141	54.433	ug/l	98
47) Bromodichloromethane	7.87	83	368440	58.011	ug/l	99
48) Methyl methacrylate	7.74	41	277222	51.974	ug/l	98
49) 1,4-Dioxane	7.71	88	109687	1135.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1710254	258.405	ug/l	99
52) Toluene	8.76	92	575625	54.090	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	395462	56.181	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	408811	54.825	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	245300	54.046	ug/l	98
56) Ethyl methacrylate	9.16	69	357047	52.917	ug/l	98
57) 1,3-Dichloropropane	9.35	76	404667	54.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	854007	281.363	ug/l	99
59) 2-Hexanone	9.47	43	1341582	266.577	ug/l	99
60) Dibromochloromethane	9.56	129	304493	57.189	ug/l	99
61) 1,2-Dibromoethane	9.65	107	267520	54.291	ug/l	99
64) Tetrachloroethene	9.32	164	239354	54.053	ug/l	92
65) Chlorobenzene	10.12	112	634611	52.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264460	55.754	ug/l	97
67) Ethyl Benzene	10.24	91	1130978	55.260	ug/l	99
68) m/p-Xylenes	10.34	106	861276	112.746	ug/l	97
69) o-Xylene	10.68	106	406198	54.853	ug/l	96
70) Styrene	10.69	104	730027	57.888	ug/l	98
71) Bromoform	10.84	173	238583	58.969	ug/l	99
73) Isopropylbenzene	11.00	105	1144563	50.873	ug/l	99
74) N-amyl acetate	10.88	43	492622	46.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	371785	46.844	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	456581	60.175	ug/l	84
77) Bromobenzene	11.24	156	305623	49.144	ug/l	97
78) n-propylbenzene	11.34	91	1349850	52.840	ug/l	100
79) 2-Chlorotoluene	11.40	91	803339	50.900	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1008389	54.543	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	134219	47.776	ug/l	94
82) 4-Chlorotoluene	11.49	91	976838	52.063	ug/l	99
83) tert-Butylbenzene	11.76	119	982403	53.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1028828	54.430	ug/l	99
85) sec-Butylbenzene	11.93	105	1158299	55.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	1072381	56.267	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	555419	50.868	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	556527	50.905	ug/l	99
89) n-Butylbenzene	12.37	91	977570	56.197	ug/l	99
90) Hexachloroethane	12.58	117	205864	54.901	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	535213	52.073	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90506	45.607	ug/l	95

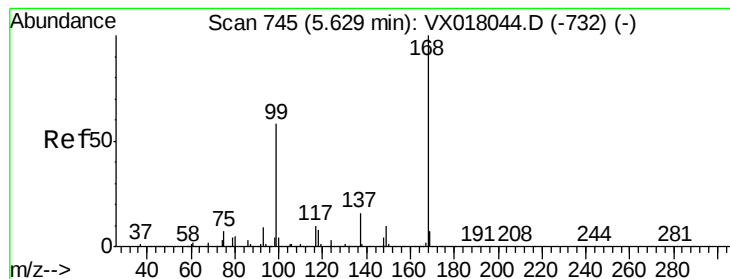
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	351692	51.314	ug/l	99
94) Hexachlorobutadiene	13.76	225	149479	55.294	ug/l	94
95) Naphthalene	13.82	128	1106099	49.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	357770	52.830	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

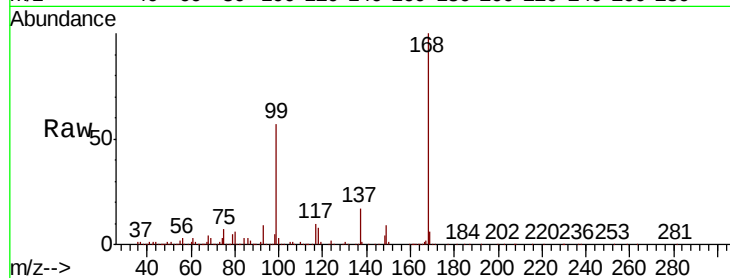
VSTDCCC050

Tot Ion:168 Resp: 409705

Ion Ratio Lower Upper

168 100

99 57.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

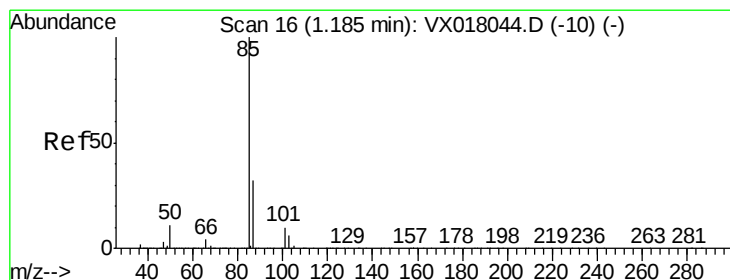
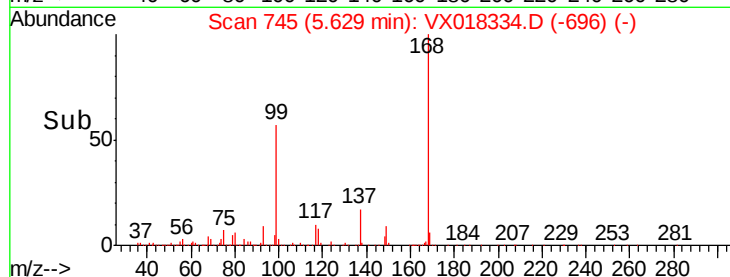
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.579 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018334.D

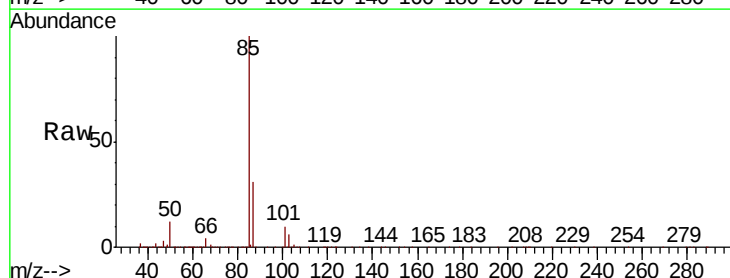
Acq: 10 Sep 2020 11:07

Tgt Ion: 85 Resp: 252302

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

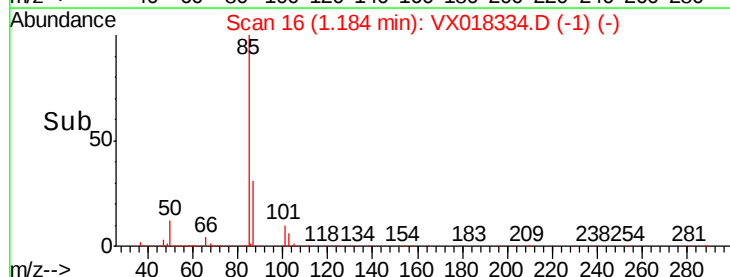
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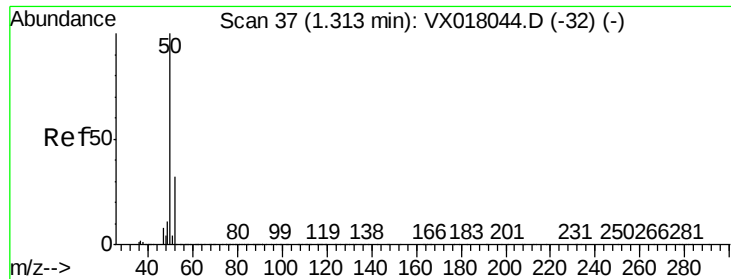
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.800 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

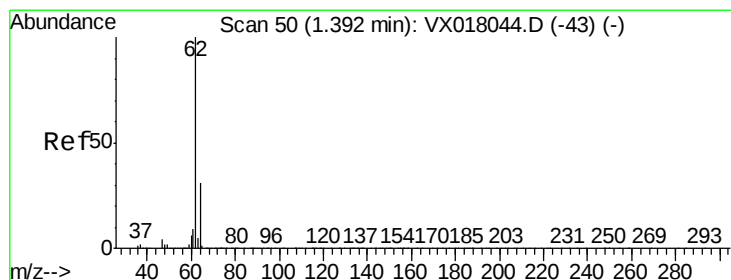
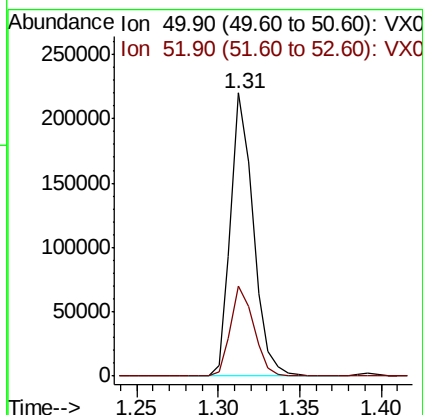
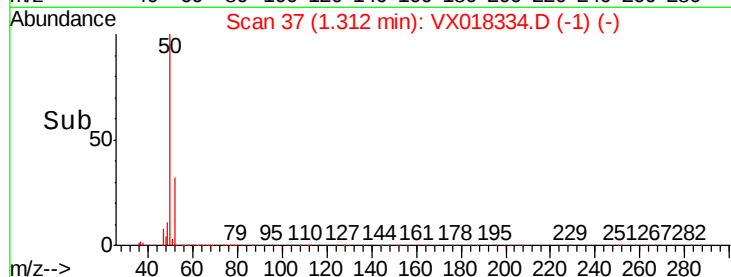
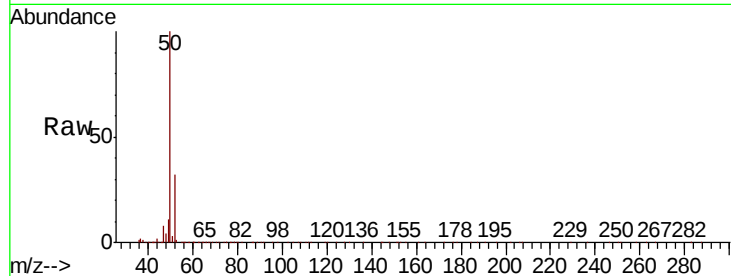
VSTDCCC050

Tot Ion: 50 Resp: 214566

Ion Ratio Lower Upper

50 100

52 31.6 25.4 38.2



#4

Vinyl Chloride

Concen: 45.265 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018334.D

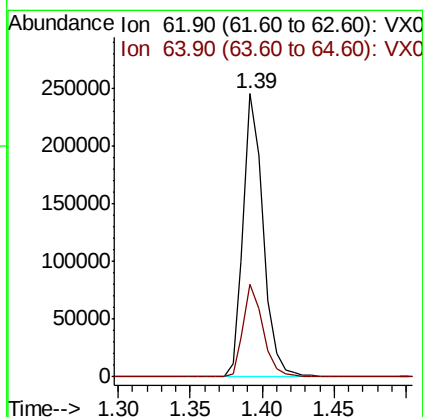
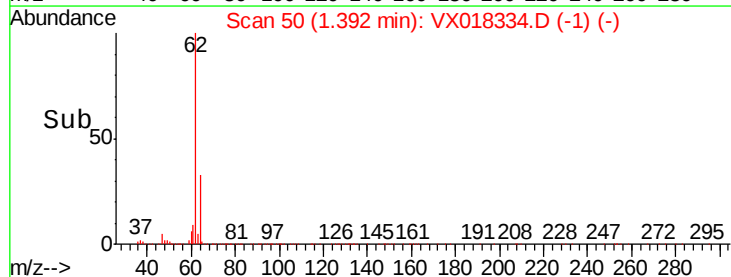
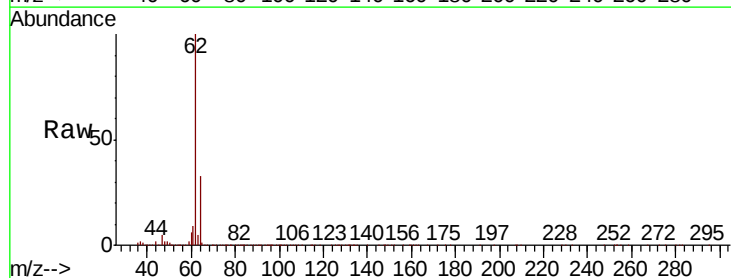
Acq: 10 Sep 2020 11:07

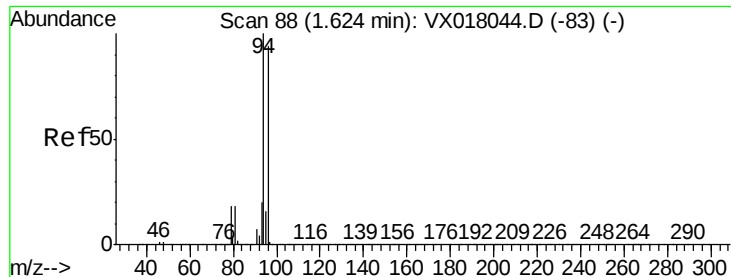
Tgt Ion: 62 Resp: 236965

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 52.956 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

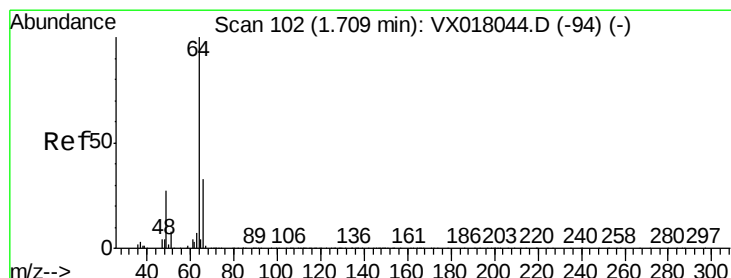
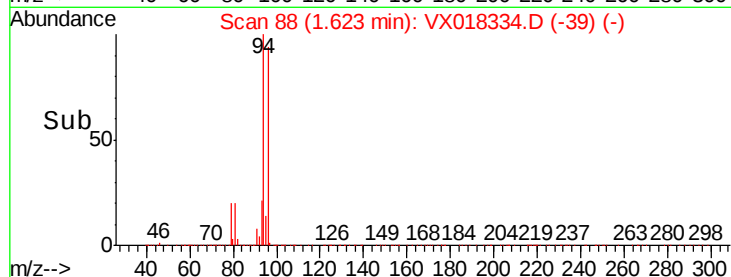
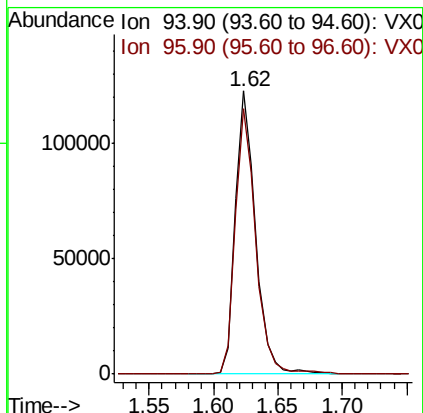
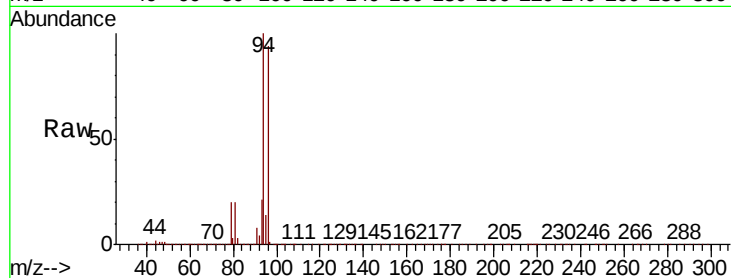
VSTDCCC050

Tot Ion: 94 Resp: 133718

Ion Ratio Lower Upper

94 100

96 94.1 74.8 112.2



#6

Chloroethane

Concen: 51.839 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018334.D

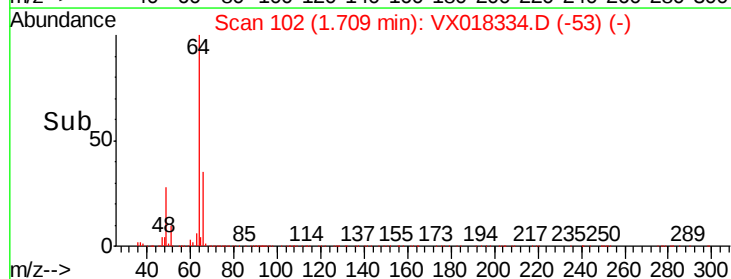
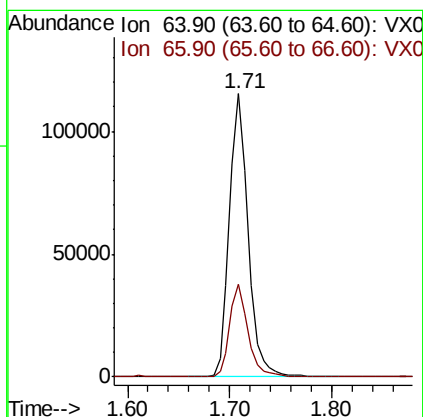
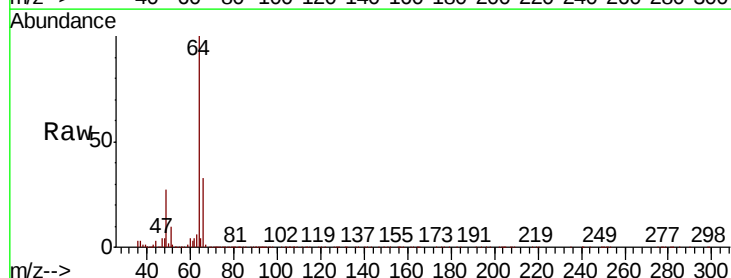
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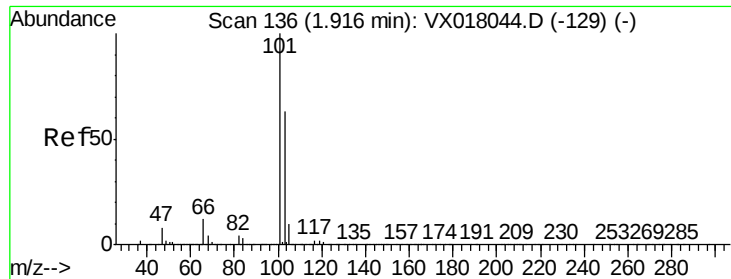
Tgt Ion: 64 Resp: 145760

Ion Ratio Lower Upper

64 100

66 32.9 26.6 39.8



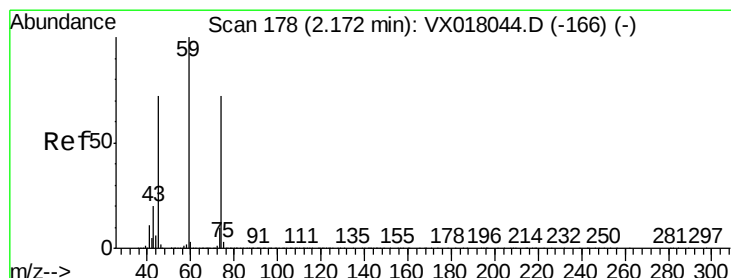
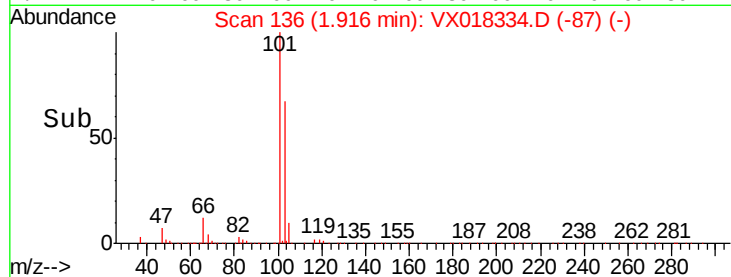
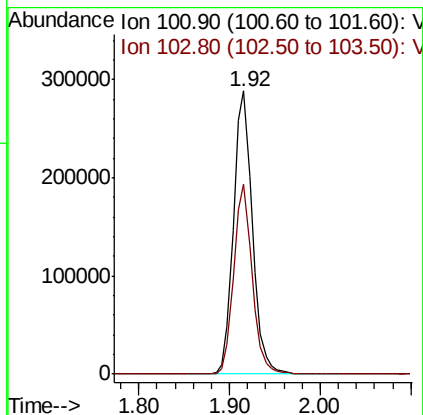
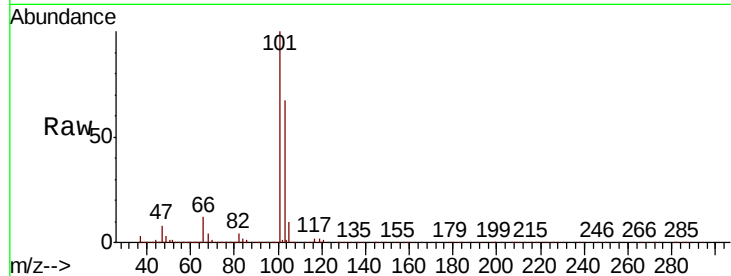


#7

Trichlorofluoromethane
 Concen: 58.213 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

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 VSTDCCC050

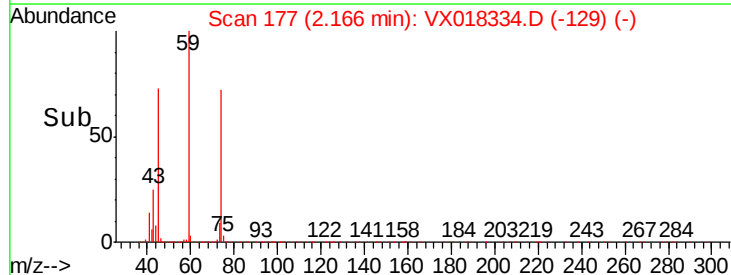
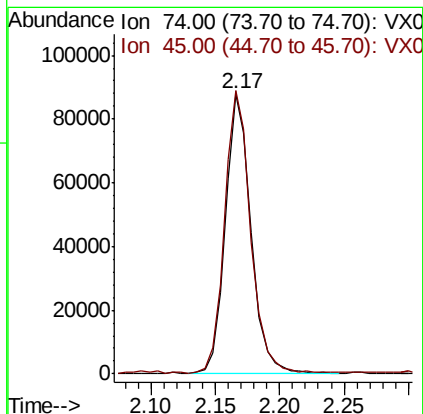
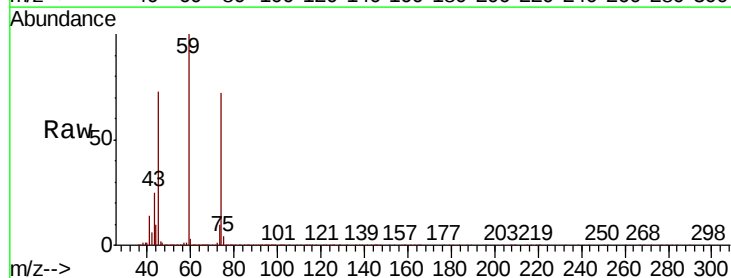
Tot Ion:101 Resp: 415546
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.7 76.1

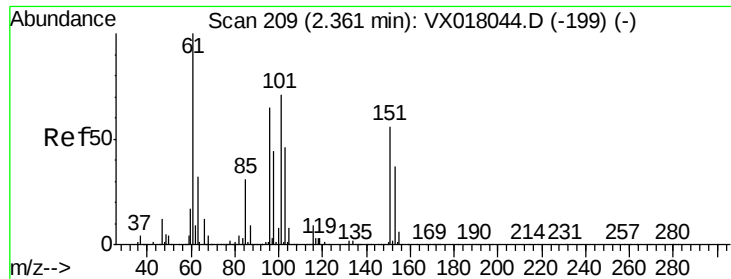


#8

Diethyl Ether
 Concen: 50.438 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion: 74 Resp: 122103
 Ion Ratio Lower Upper
 74 100
 45 102.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.893 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

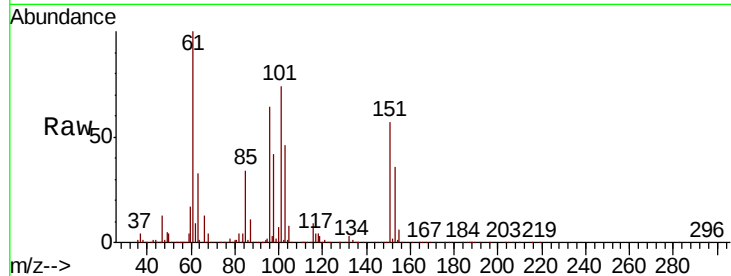
Tot Ion:101 Resp: 219563

Ion Ratio Lower Upper

101 100

85 44.0 34.0 51.0

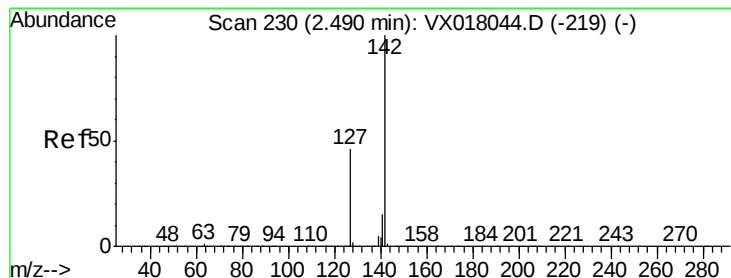
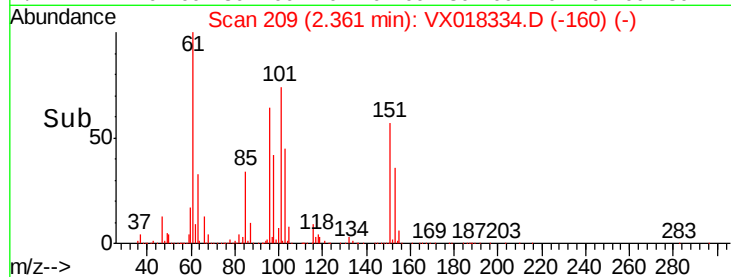
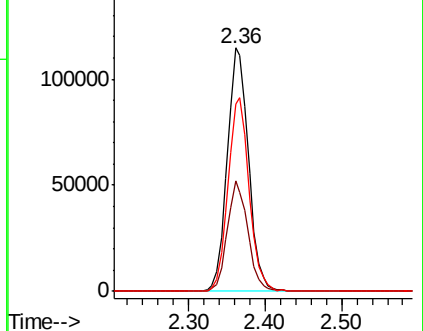
151 79.2 65.2 97.8



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: 42.874 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

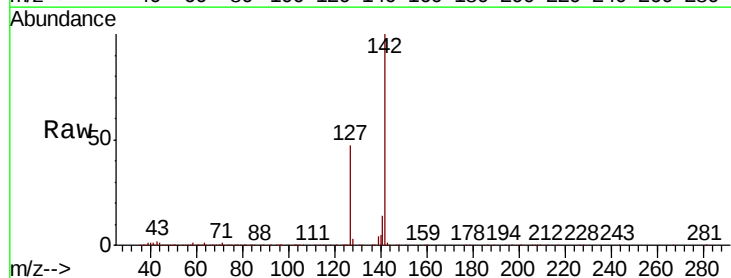
Tgt Ion:142 Resp: 173548

Ion Ratio Lower Upper

142 100

127 48.1 37.0 55.6

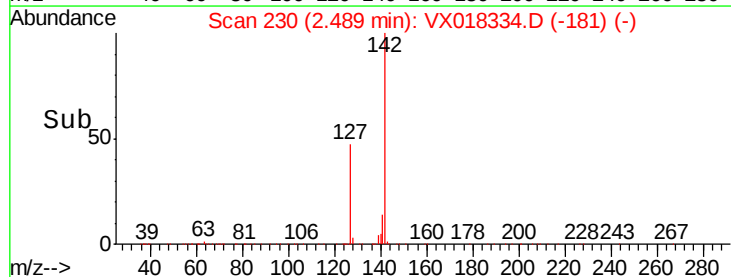
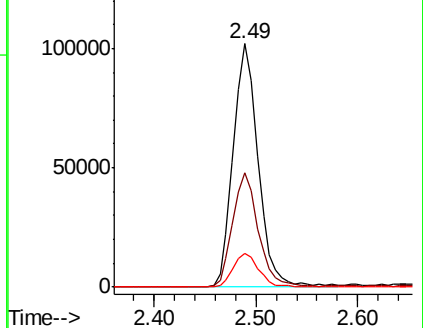
141 14.5 11.5 17.3

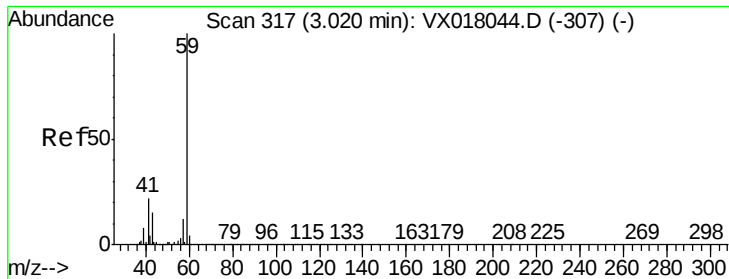


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

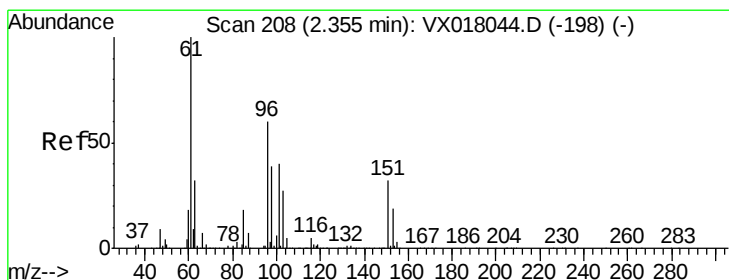
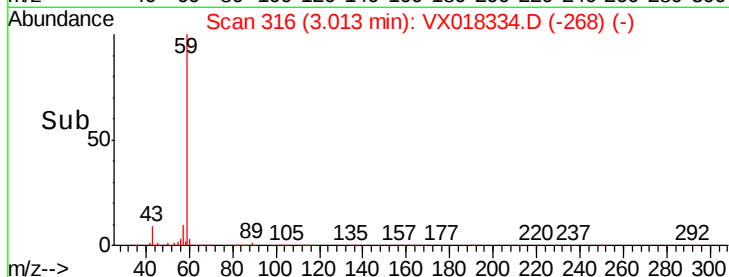
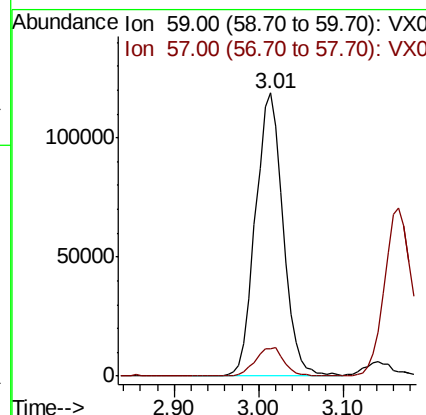
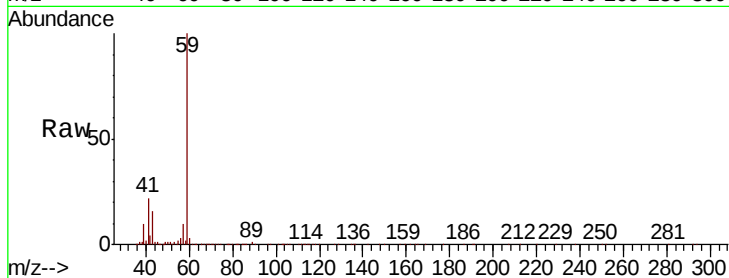




#11
Tert butyl alcohol
Concen: 239.837 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

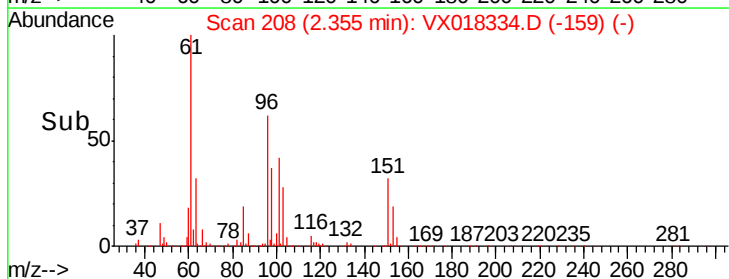
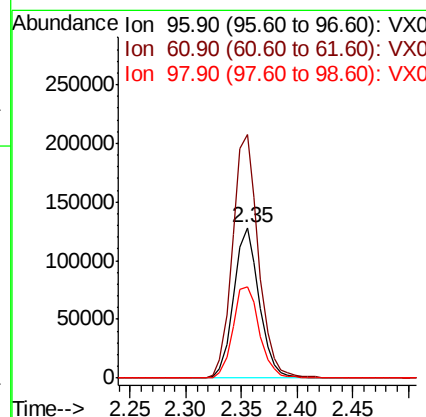
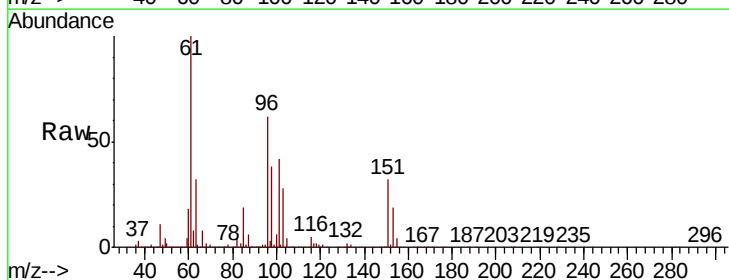
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

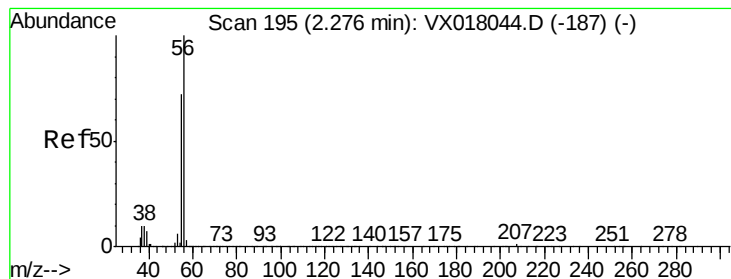
Tot Ion: 59 Resp: 265237
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 50.207 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 96 Resp: 201020
Ion Ratio Lower Upper
96 100
61 161.8 133.0 199.4
98 60.8 51.6 77.4





#13

Acrolein

Concen: 297.937 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

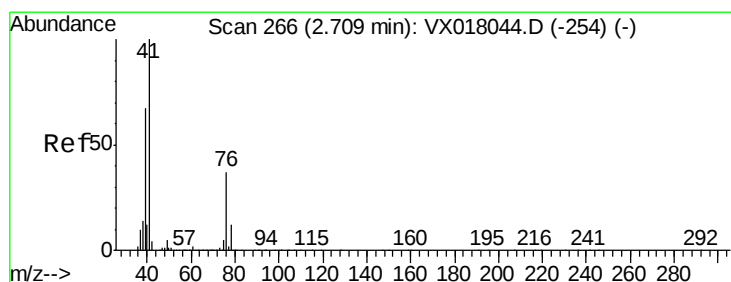
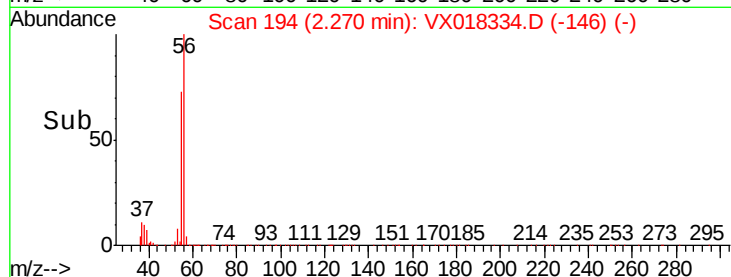
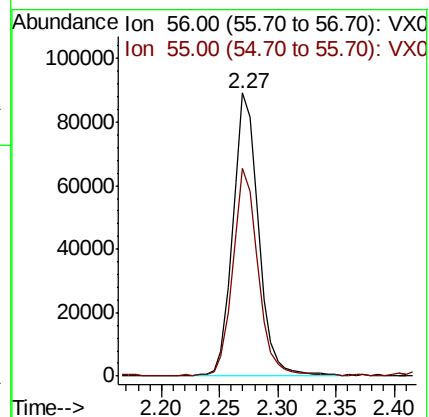
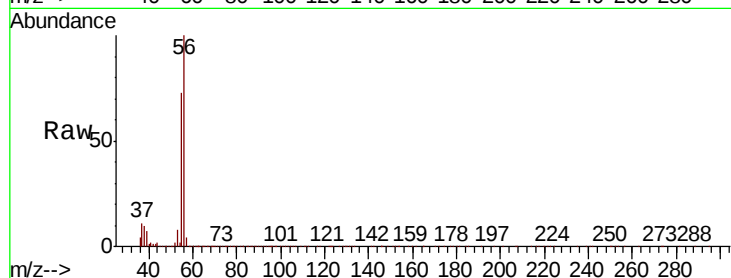
VSTDCCC050

Tot Ion: 56 Resp: 136621

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6



#14

Allyl chloride

Concen: 50.738 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

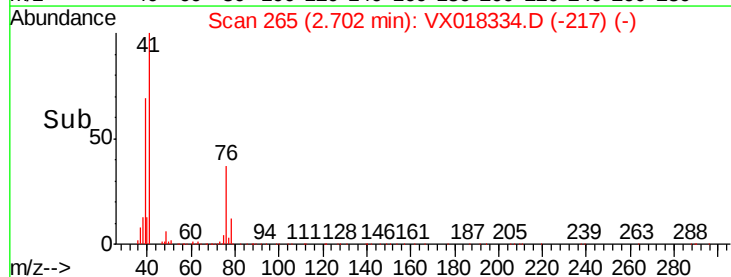
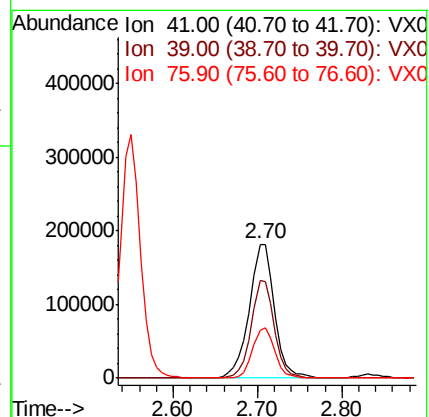
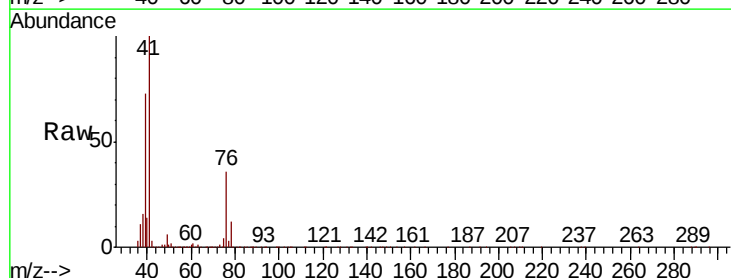
Tgt Ion: 41 Resp: 364980

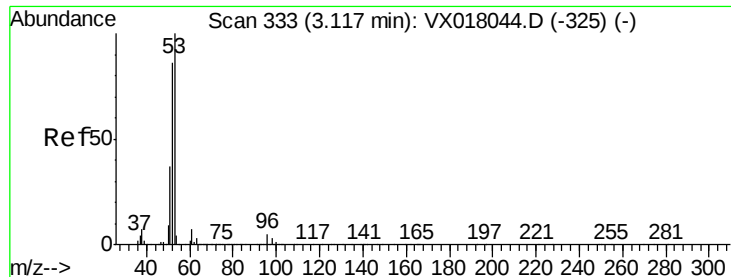
Ion Ratio Lower Upper

41 100

39 66.5 50.6 76.0

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 240.965 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

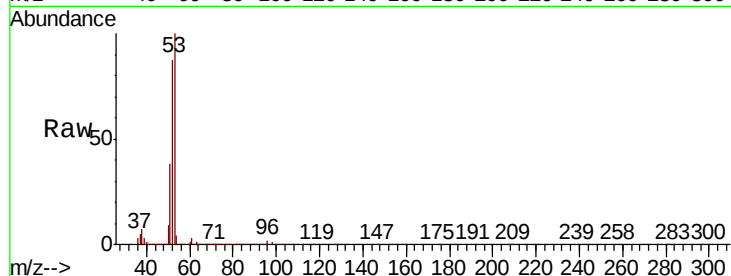
Tot Ion: 53 Resp: 604489

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

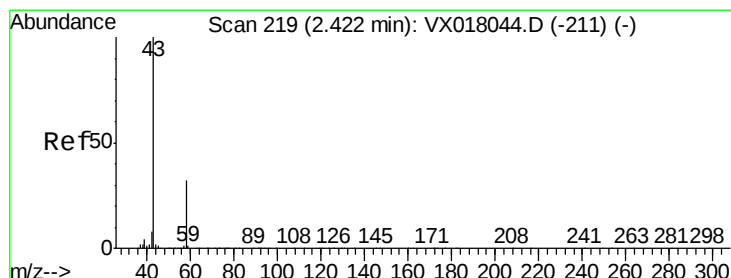
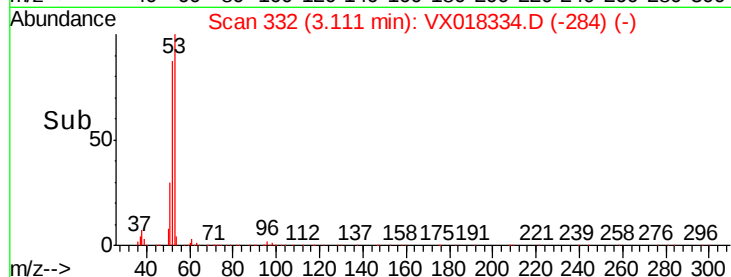
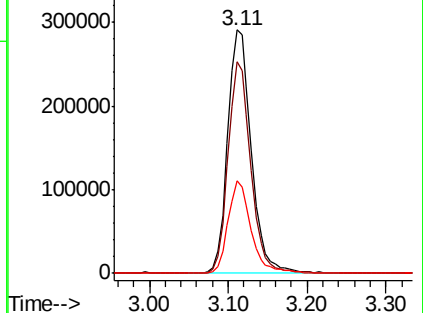
51 37.2 28.7 43.1



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: 268.233 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018334.D

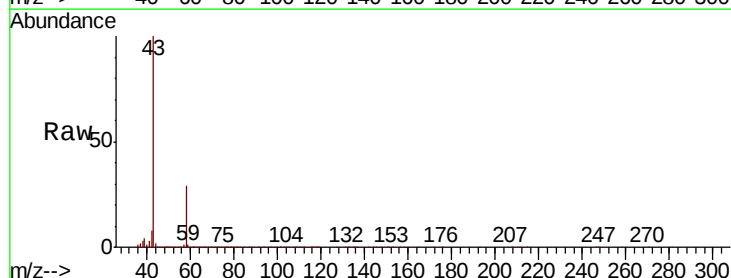
Acq: 10 Sep 2020 11:07

Tgt Ion: 43 Resp: 594484

Ion Ratio Lower Upper

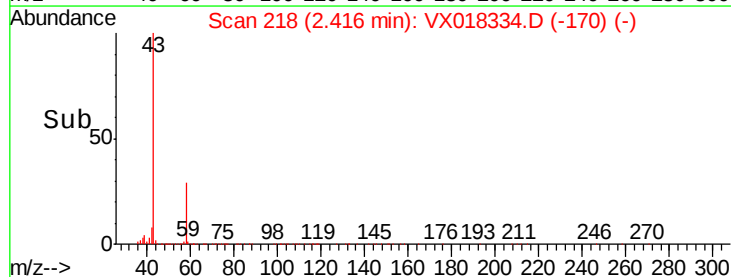
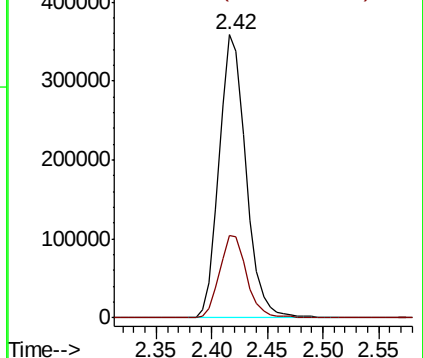
43 100

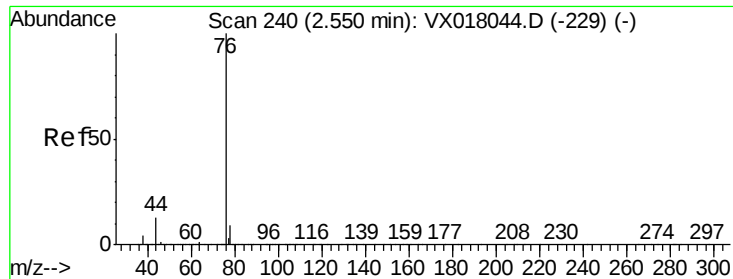
58 29.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.988 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

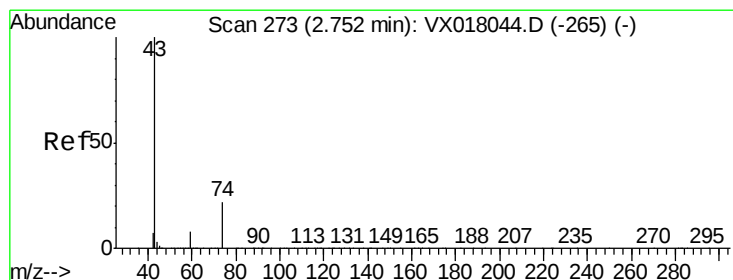
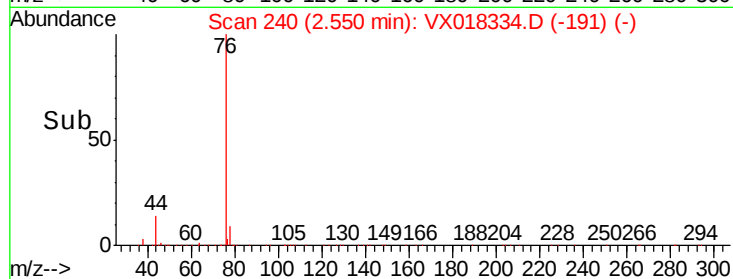
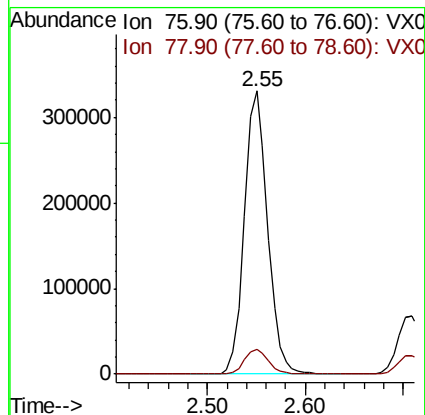
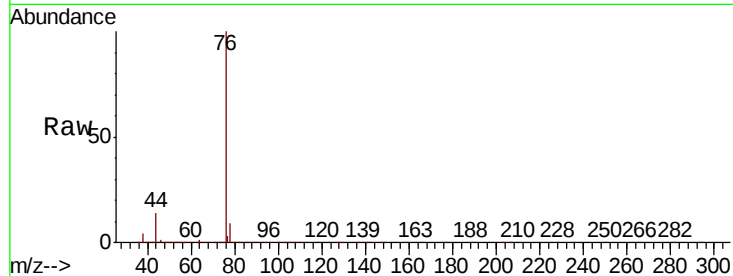
VSTDCCC050

Tot Ion: 76 Resp: 544520

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 56.446 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018334.D

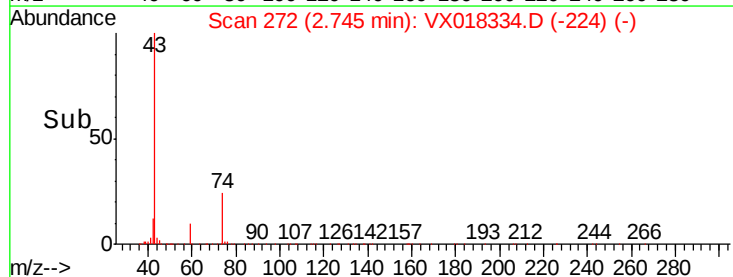
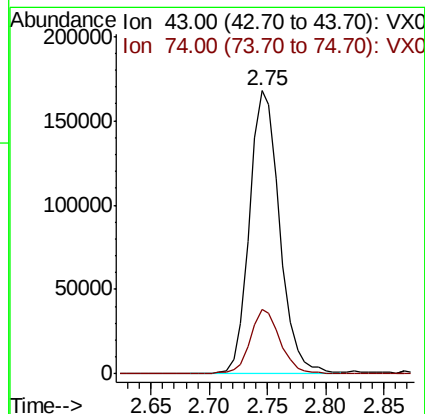
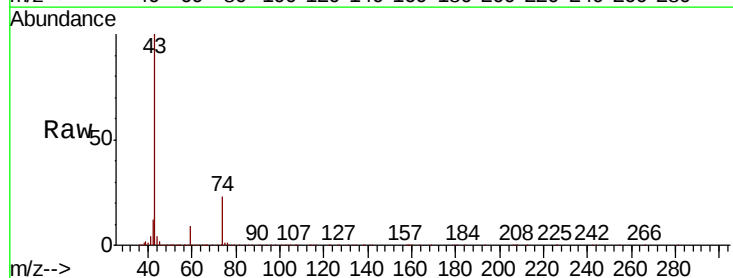
Acq: 10 Sep 2020 11:07

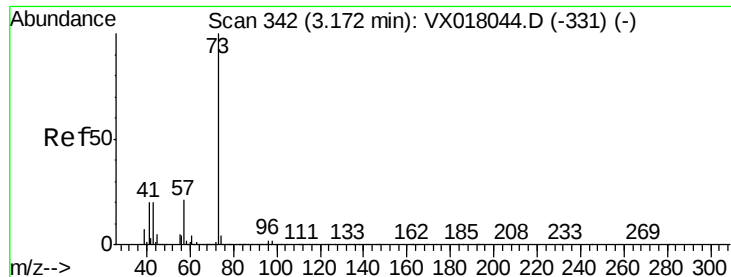
Tgt Ion: 43 Resp: 301886

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.4



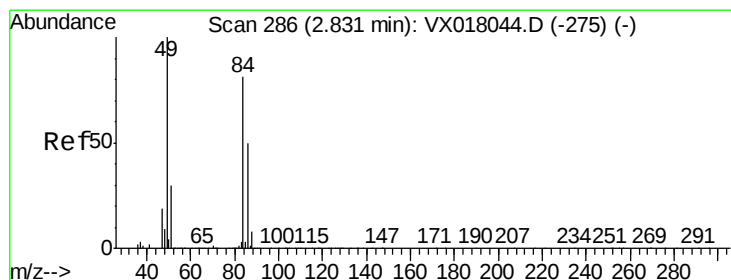
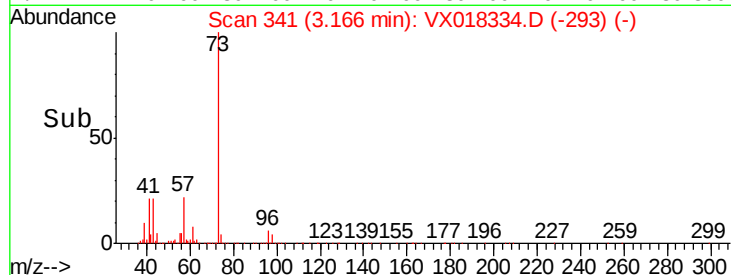
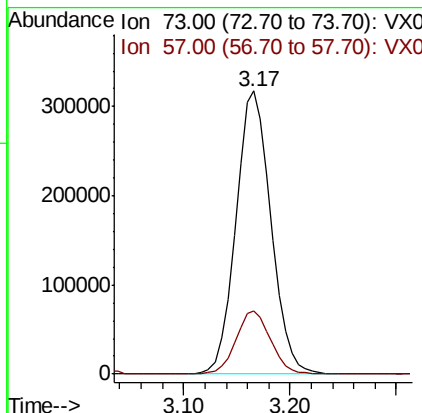
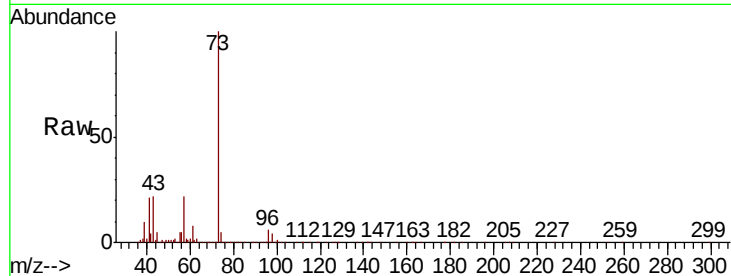


#19

Methyl tert-butyl Ether
 Concen: 53.282 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

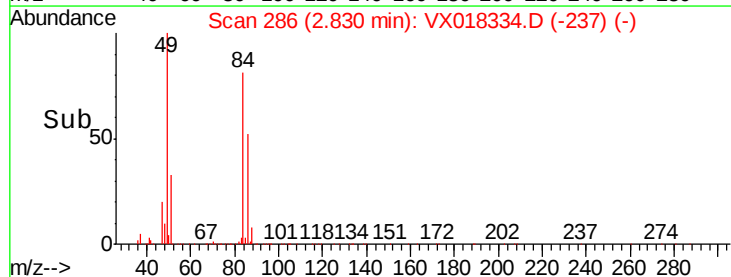
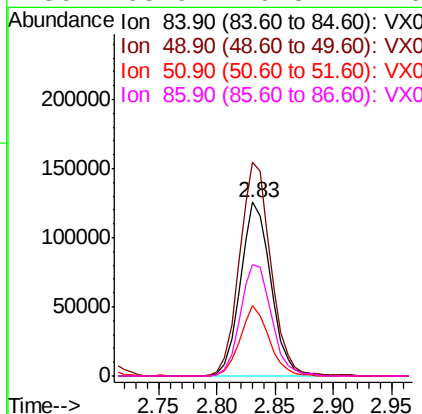
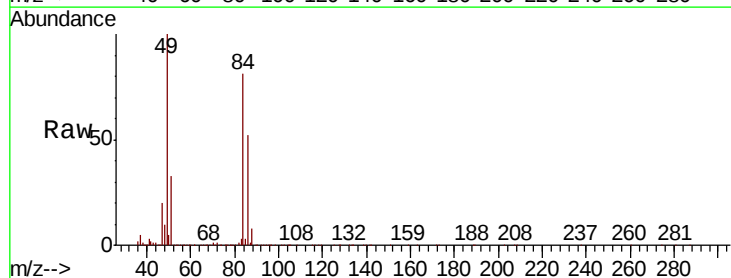
Tot Ion: 73 Resp: 731626
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.8 25.2

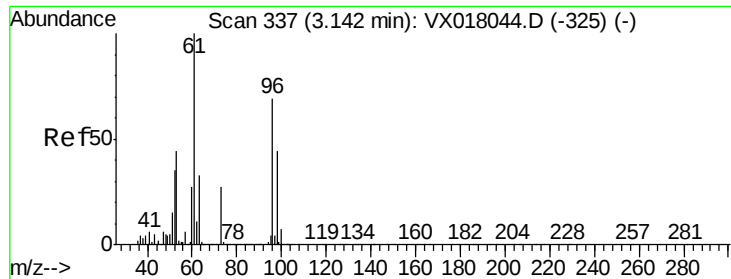


#20

Methylene Chloride
 Concen: 50.632 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion: 84 Resp: 229379
 Ion Ratio Lower Upper
 84 100
 49 122.7 98.6 148.0
 51 40.2 29.6 44.4
 86 63.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 50.036 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

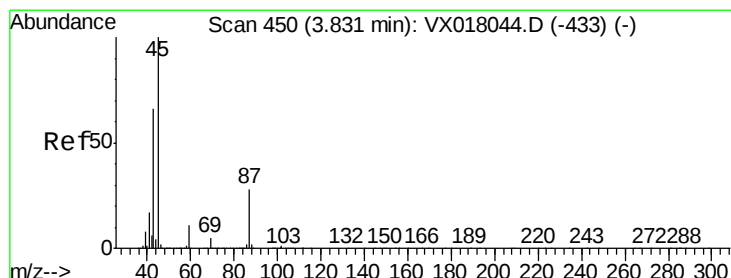
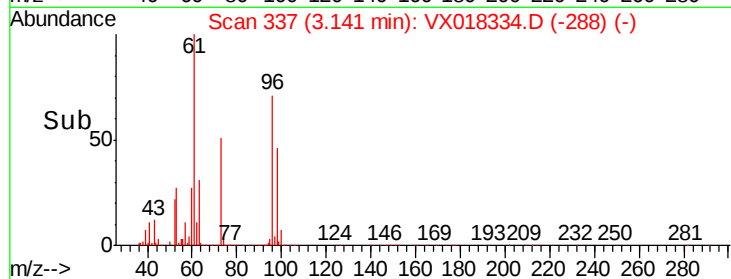
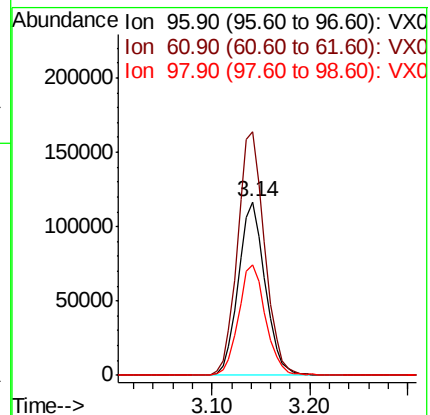
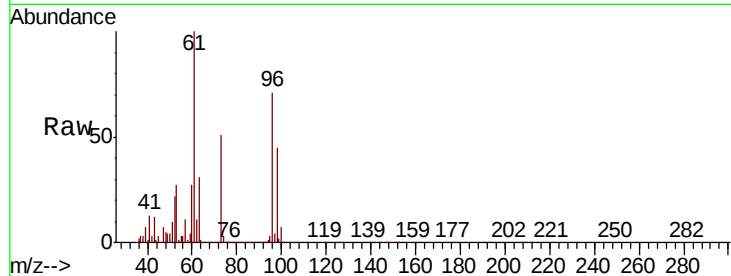
Tot Ion: 96 Resp: 221956

Ion Ratio Lower Upper

96 100

61 140.1 115.4 173.0

98 63.6 51.1 76.7



#22

Diisopropyl ether

Concen: 52.211 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion: 45 Resp: 741265

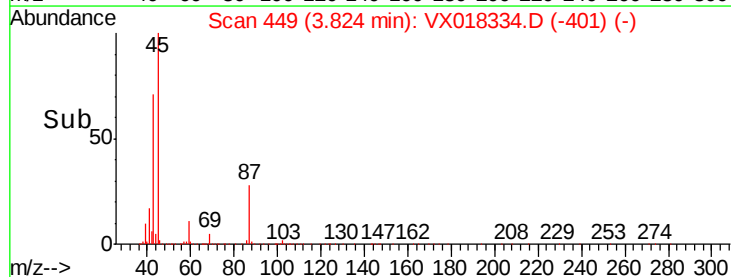
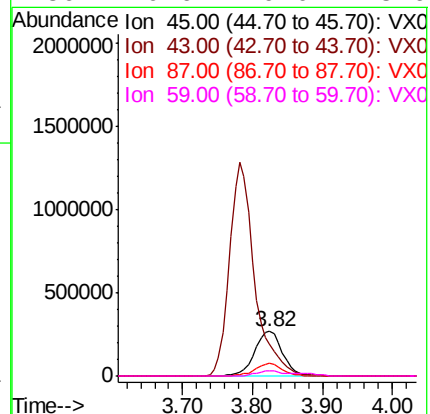
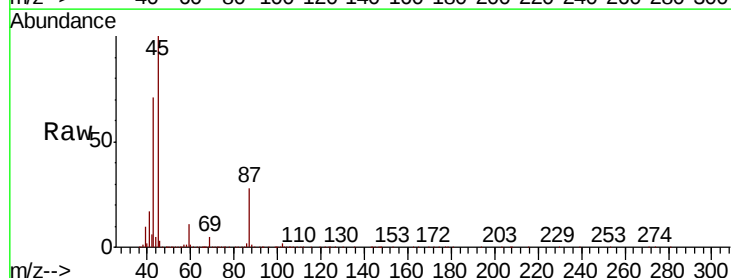
Ion Ratio Lower Upper

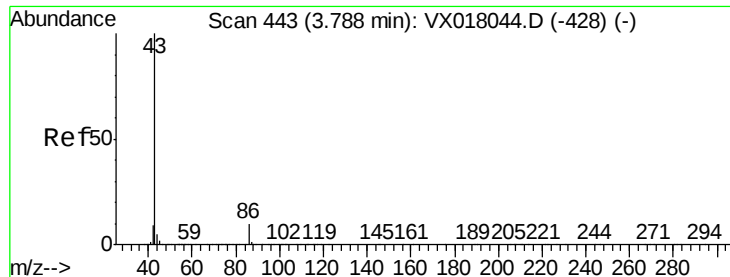
45 100

43 70.8 52.8 79.2

87 28.0 22.5 33.7

59 10.6 9.0 13.6





#23

Vinyl Acetate

Concen: 254.069 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

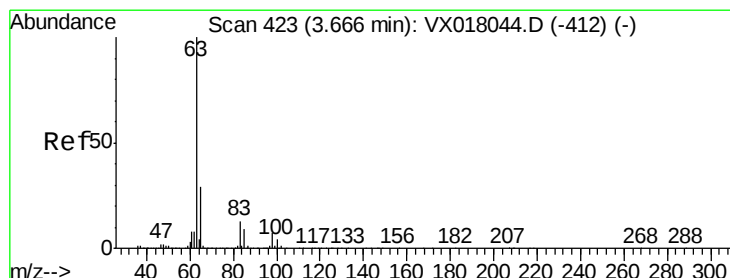
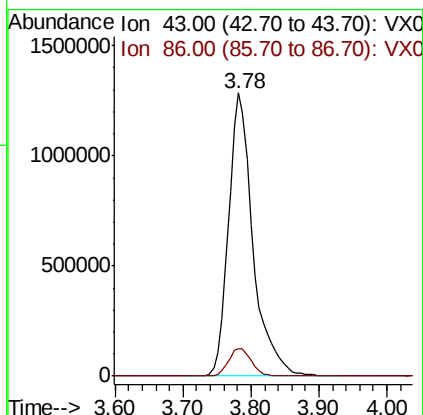
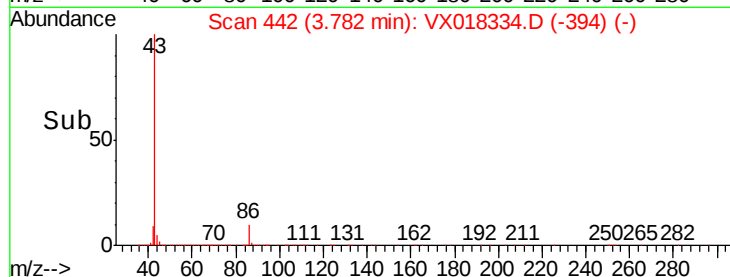
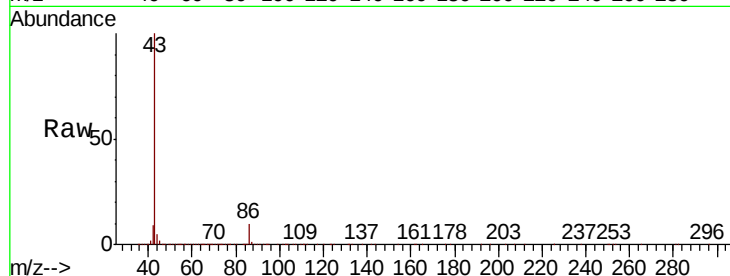
VSTDCCC050

Tot Ion: 43 Resp: 3209693

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.624 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

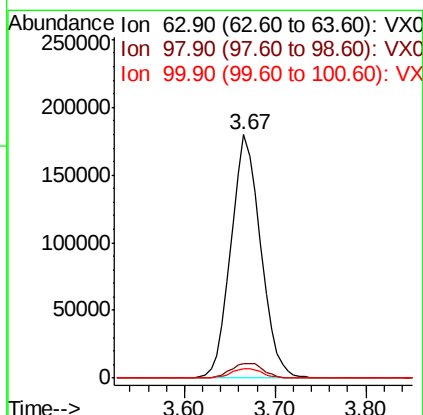
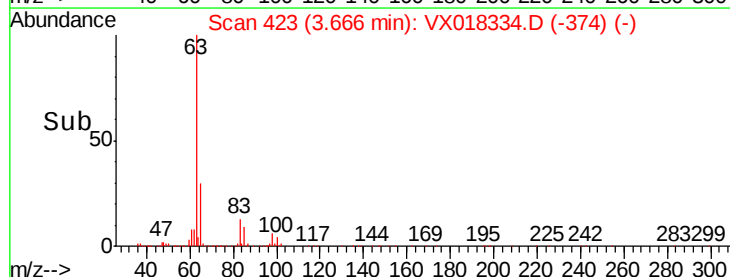
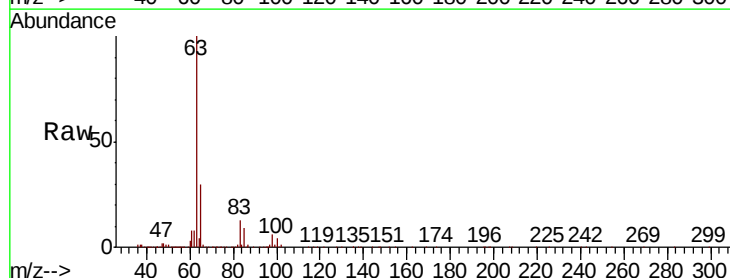
Tgt Ion: 63 Resp: 409135

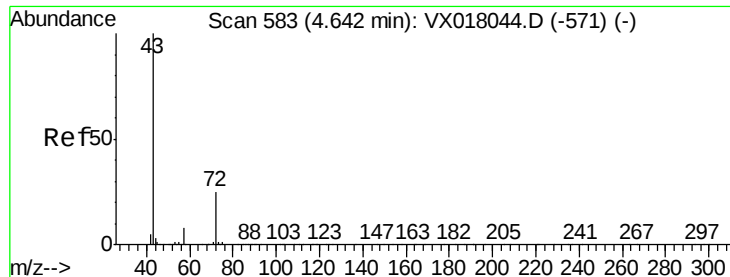
Ion Ratio Lower Upper

63 100

98 5.9 3.6 10.8

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 241.410 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

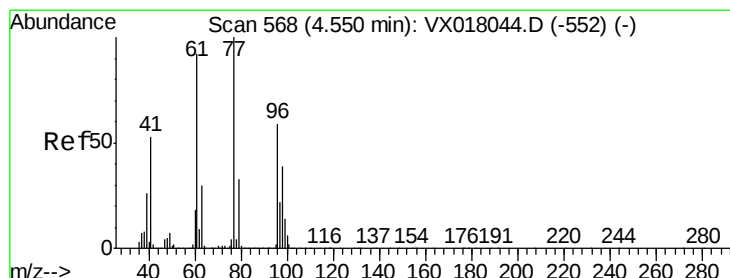
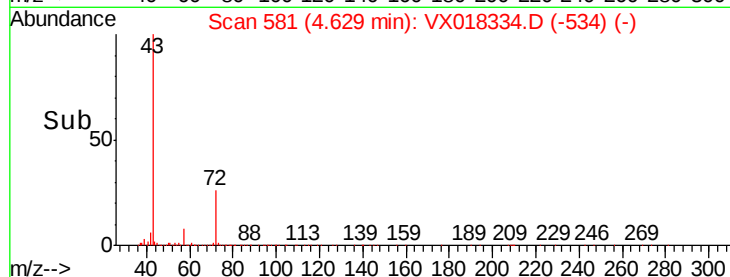
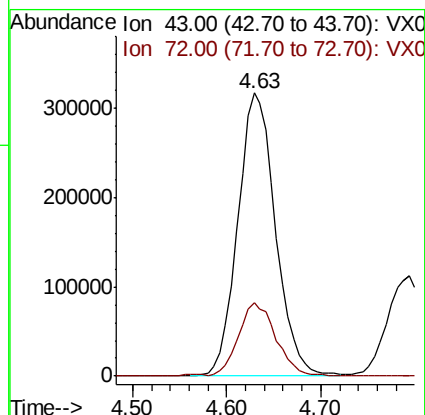
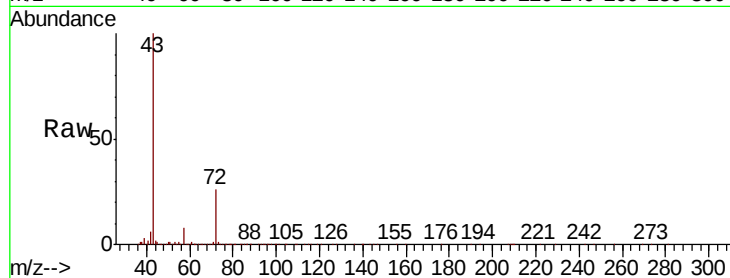
VSTDCCC050

Tot Ion: 43 Resp: 879309

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 60.343 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018334.D

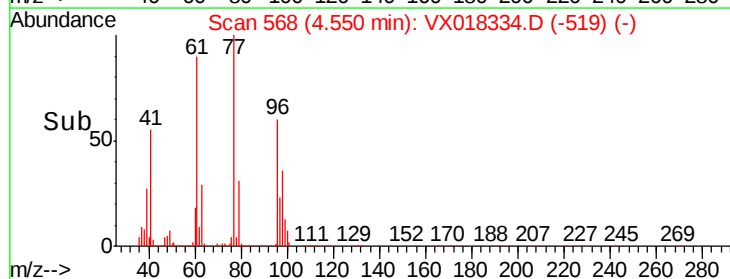
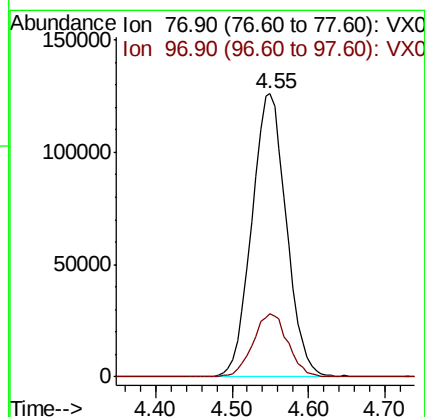
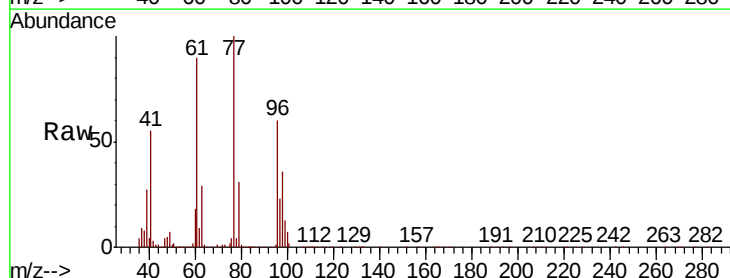
Acq: 10 Sep 2020 11:07

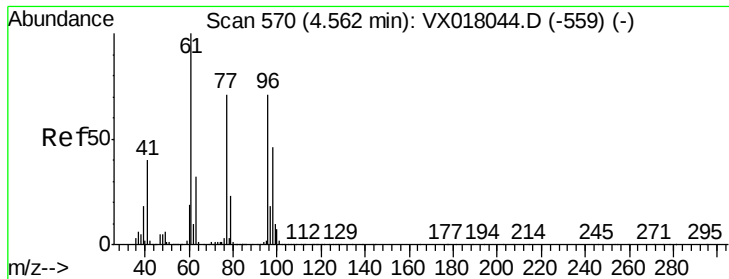
Tgt Ion: 77 Resp: 396801

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



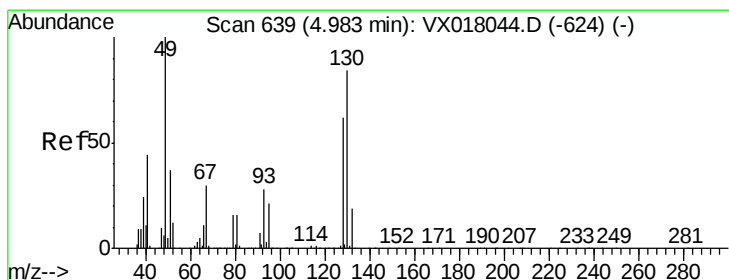
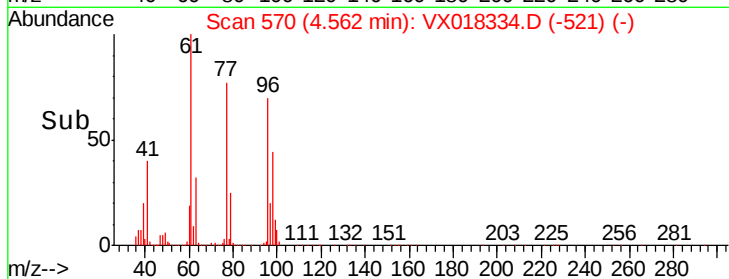
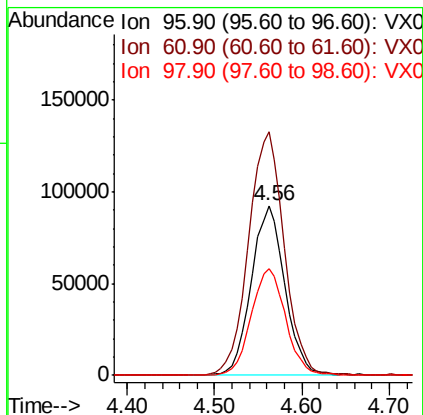
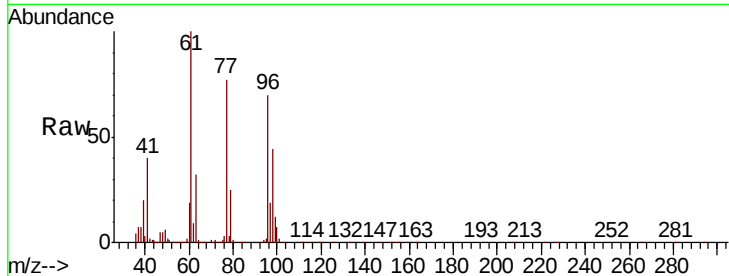


#27

cis-1,2-Dichloroethene
 Concen: 48.234 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

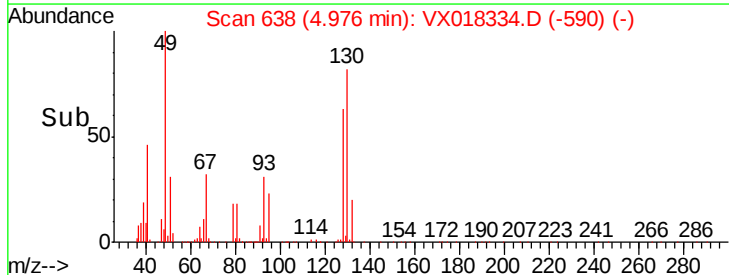
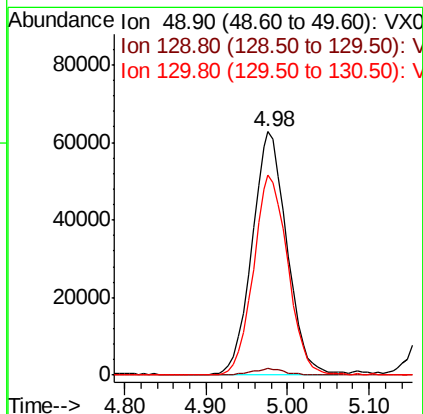
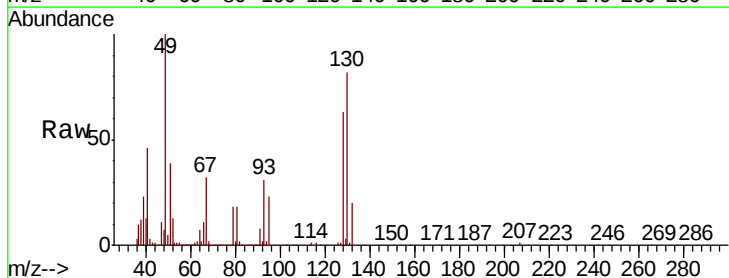
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	296.6
98	65.0	0.0	130.2

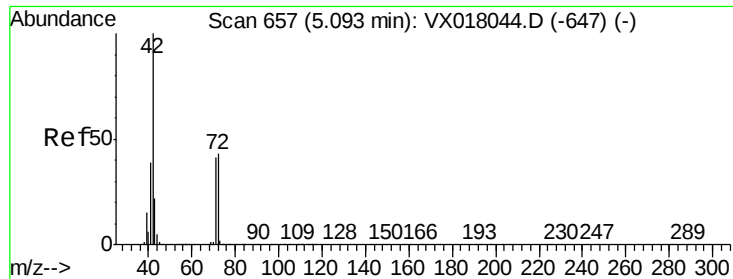


#28

Bromochloromethane
 Concen: 47.877 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	80.8	64.6	96.8

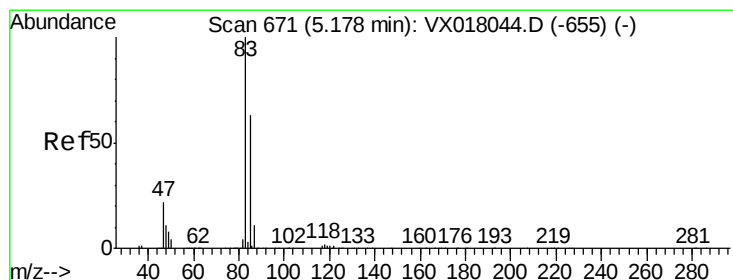
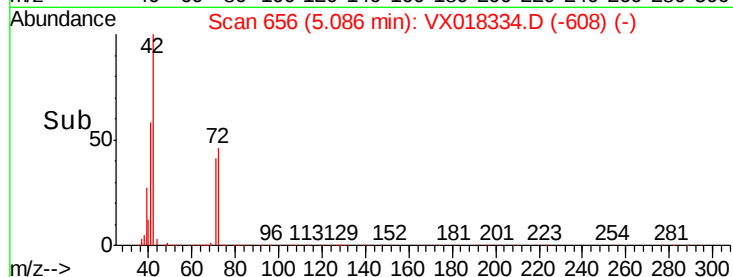
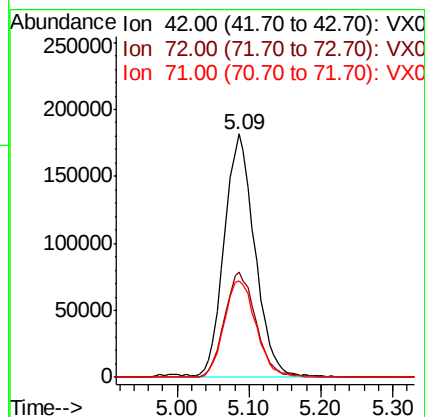
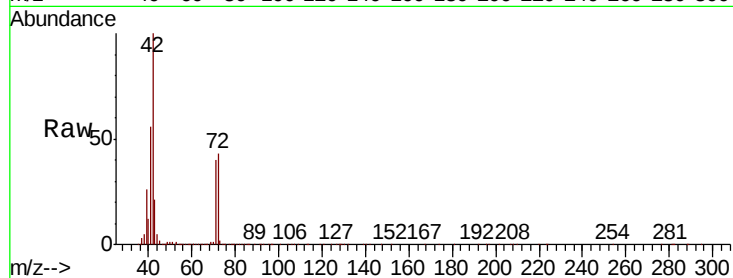




#29
Tetrahydrofuran
Concen: 230.881 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

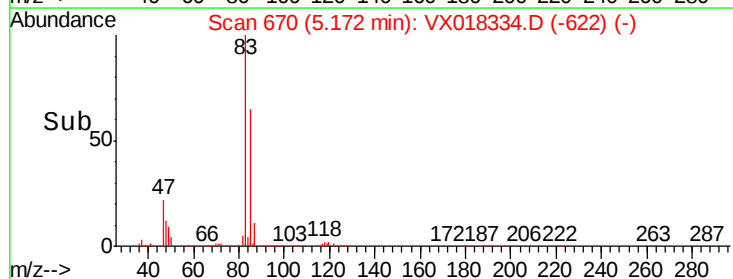
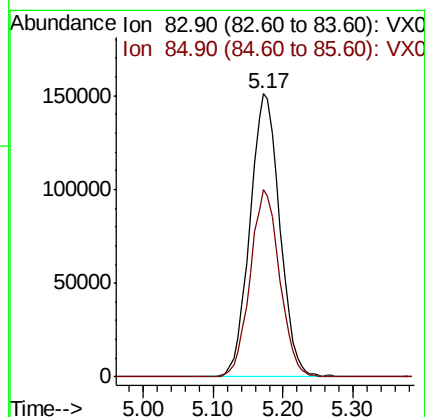
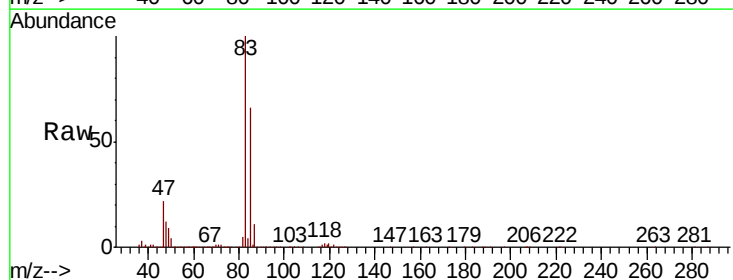
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

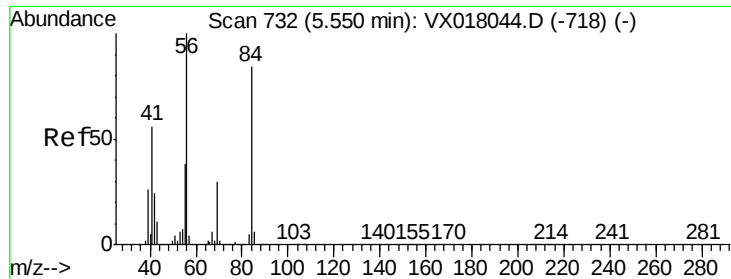
Tot Ion: 42 Resp: 535339
Ion Ratio Lower Upper
42 100
72 45.0 34.2 51.4
71 41.5 32.1 48.1



#30
Chloroform
Concen: 53.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 83 Resp: 446931
Ion Ratio Lower Upper
83 100
85 66.2 50.7 76.1

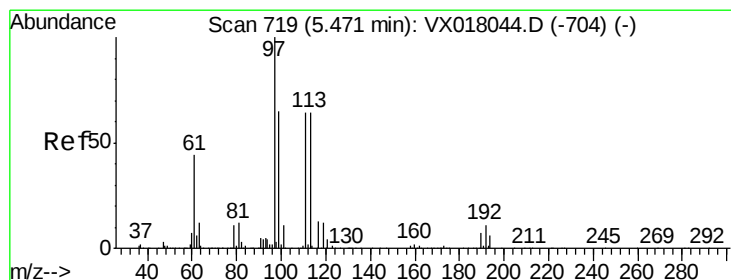
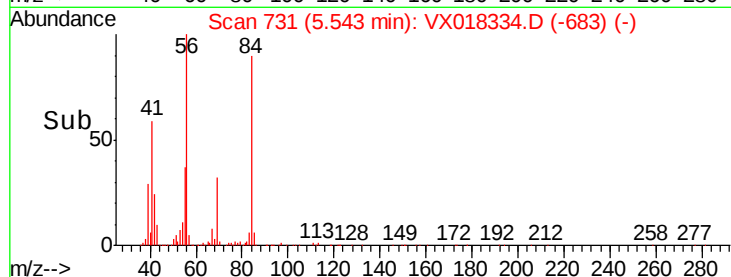
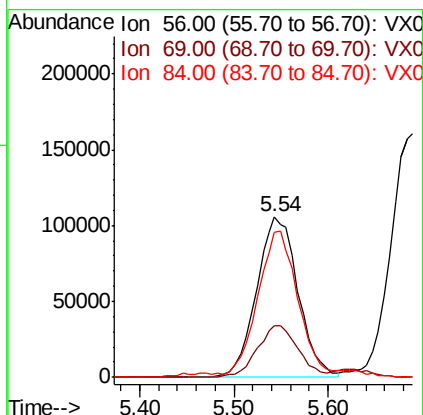
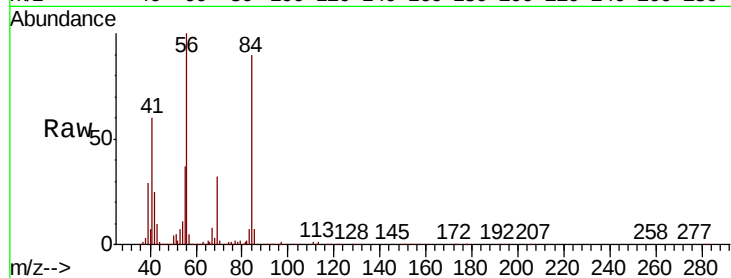




#31
Cyclohexane
Concen: 47.795 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

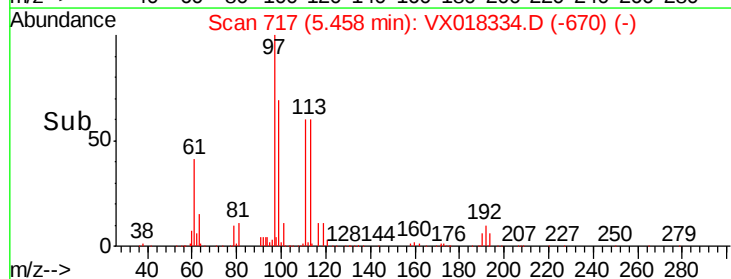
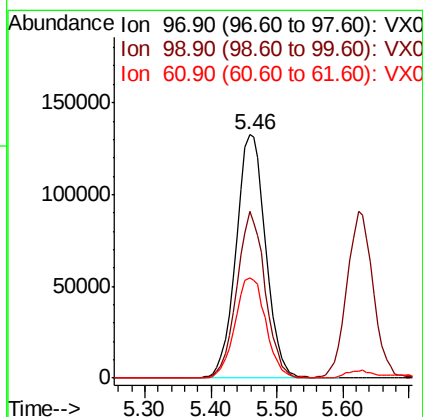
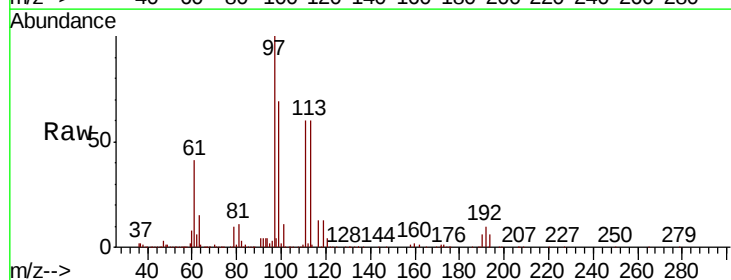
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

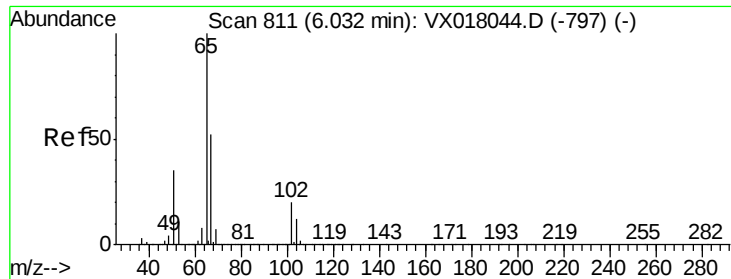
Tot Ion: 56 Resp: 325381
Ion Ratio Lower Upper
56 100
69 32.3 23.9 35.9
84 88.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 53.591 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 97 Resp: 411562
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.0
61 42.7 34.2 51.4

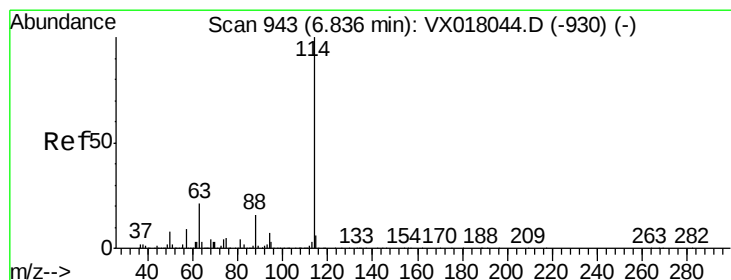
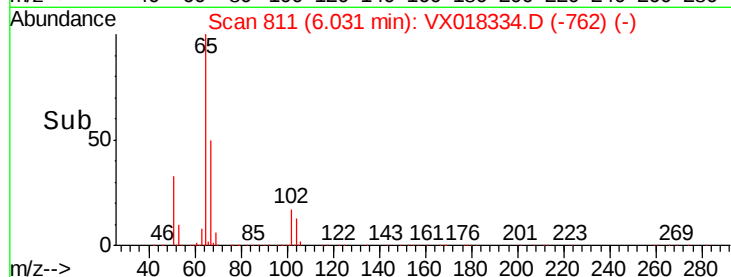
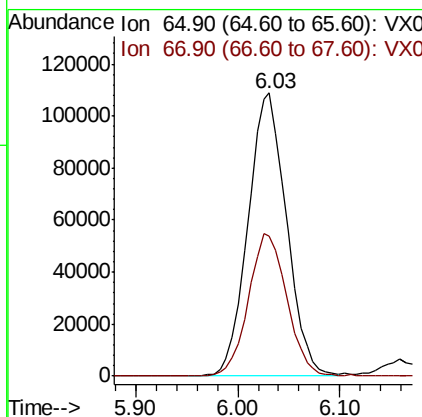
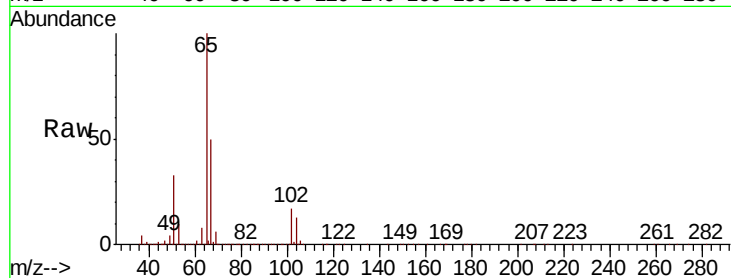




#33
 1,2-Dichloroethane-d4
 Concen: 49.982 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

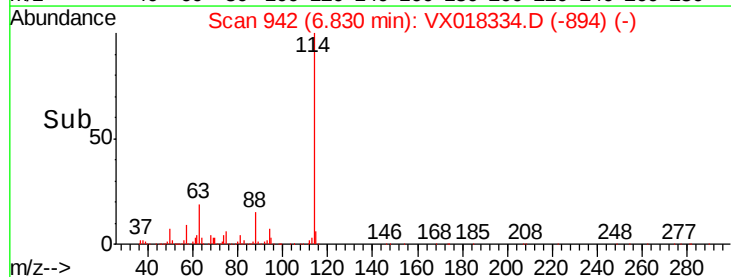
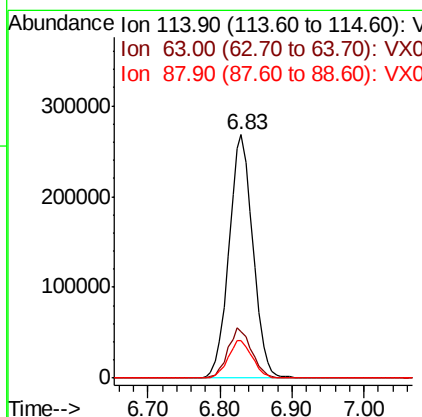
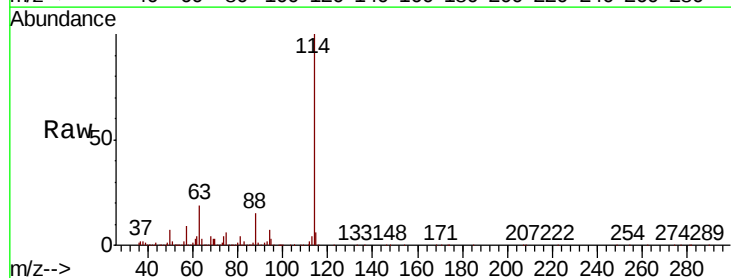
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

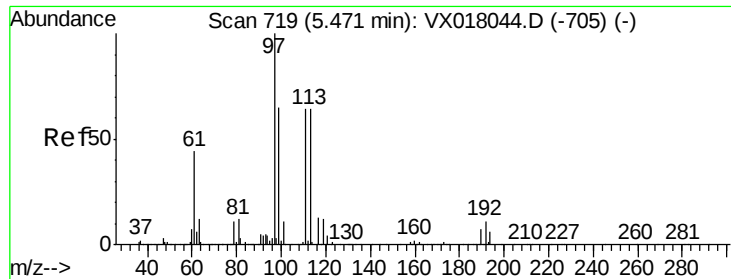
Tot Ion: 65 Resp: 284283
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion: 114 Resp: 619246
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 15.2 0.0 31.8

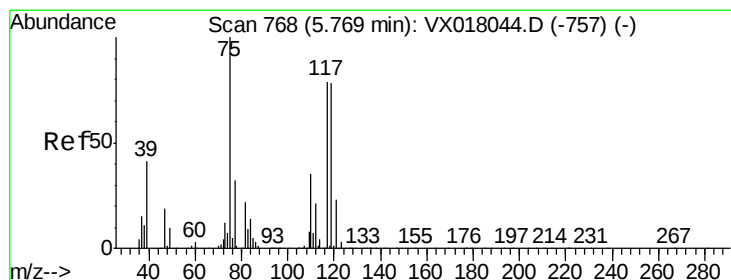
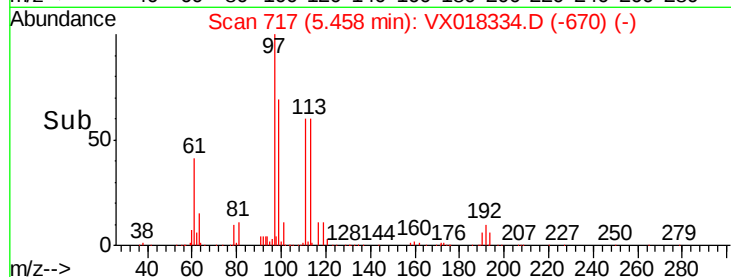
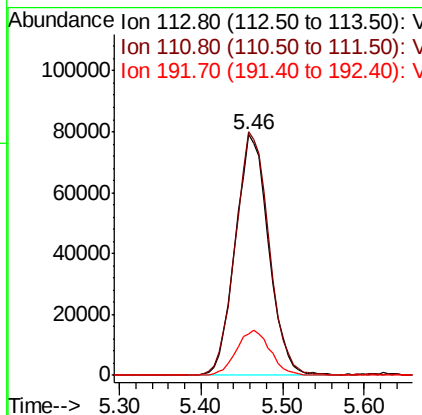
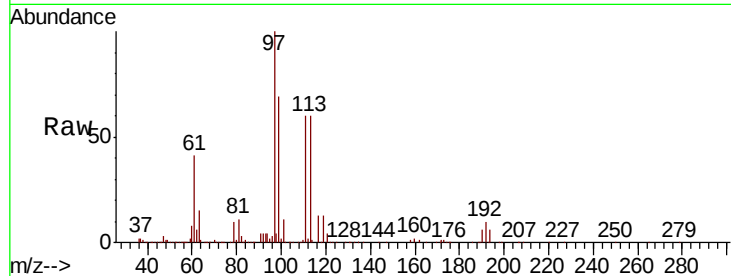




#35
 Dibromofluoromethane
 Concen: 52.990 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

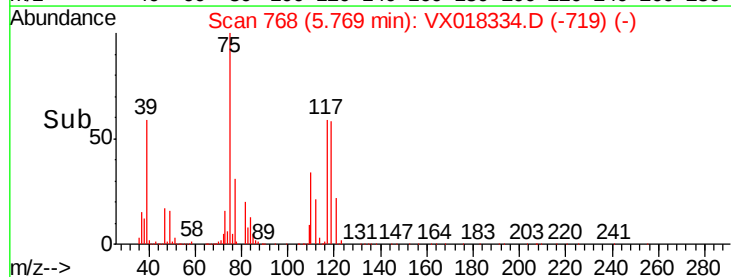
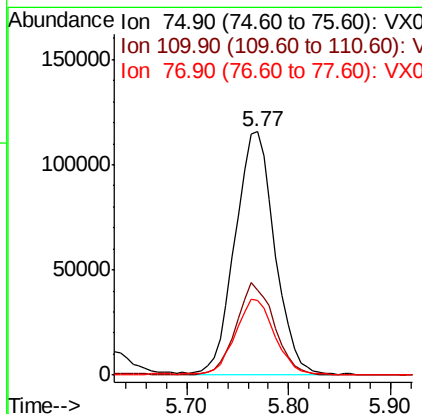
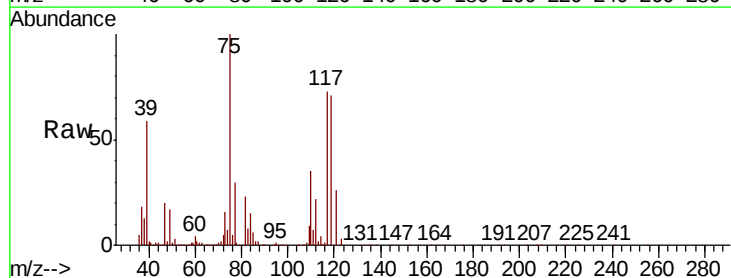
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

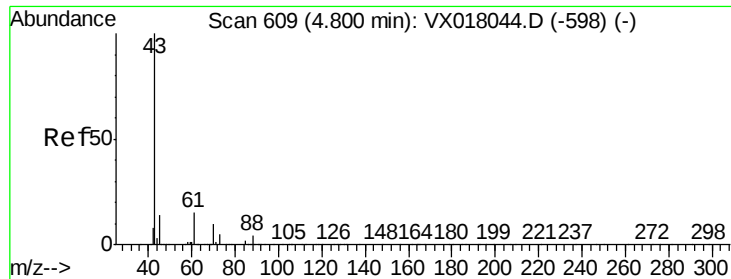
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	19.0	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 54.541 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.0	54.0
77	30.6	24.4	36.6

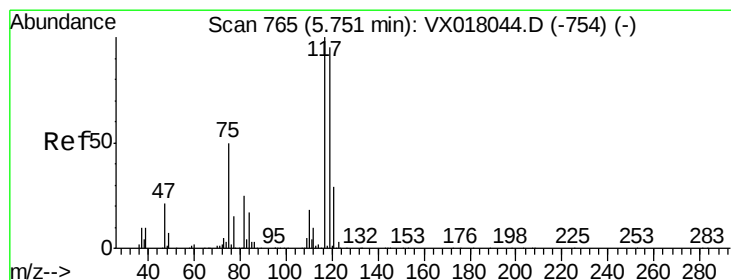
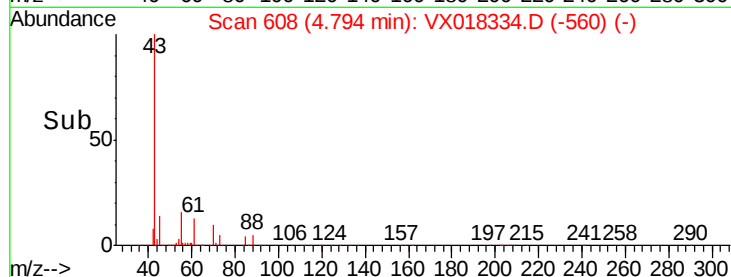
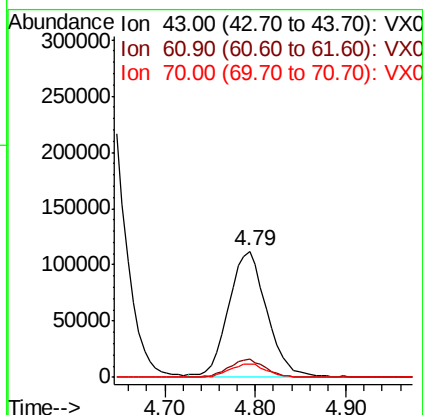
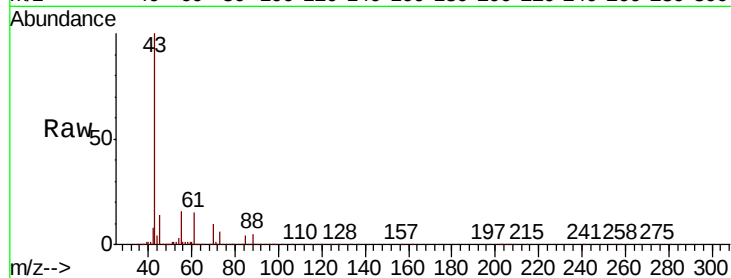




#37
Ethyl Acetate
Concen: 48.617 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

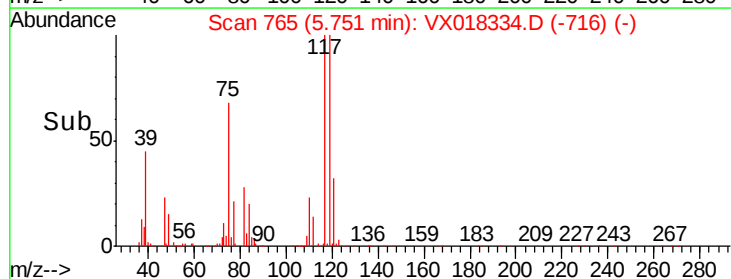
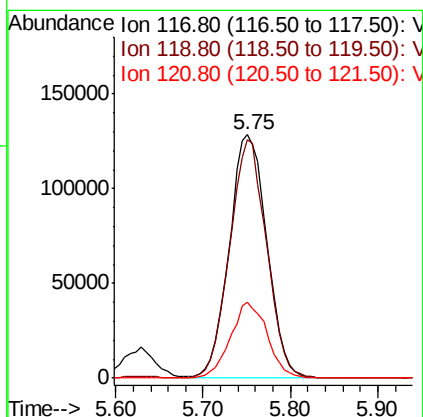
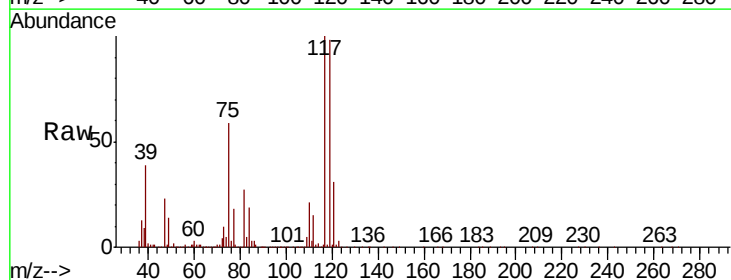
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

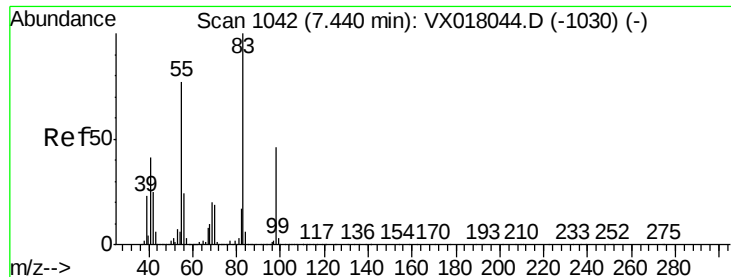
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.7	8.2	12.4



#38
Carbon Tetrachloride
Concen: 59.680 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.6
121	31.4	23.4	35.0

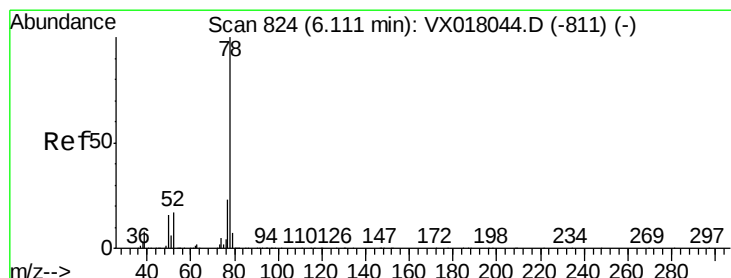
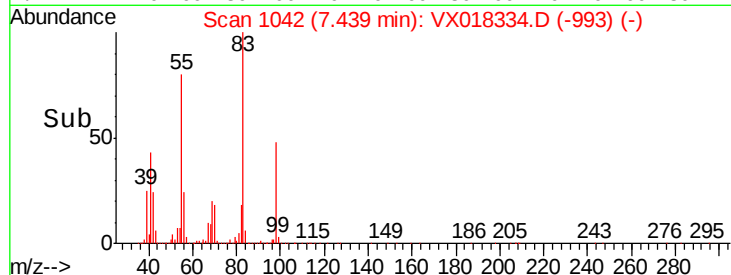
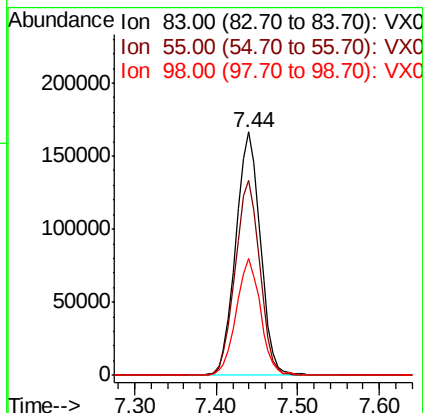
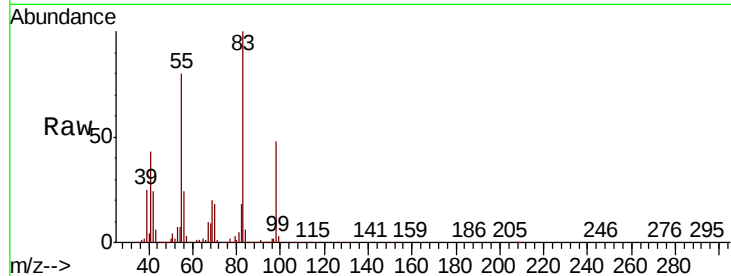




#39
Methvlcvclohexane
Concen: 55.200 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

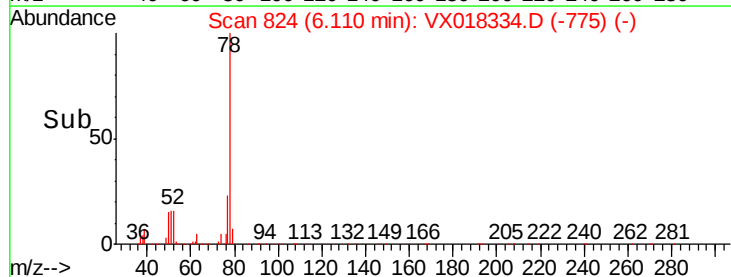
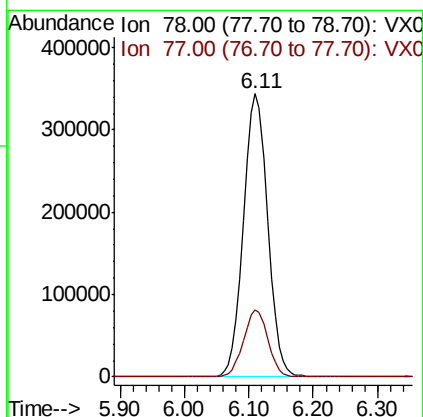
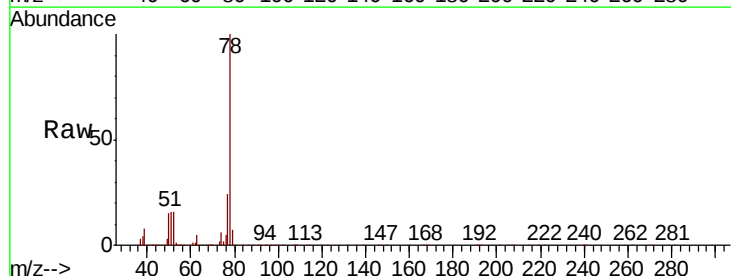
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

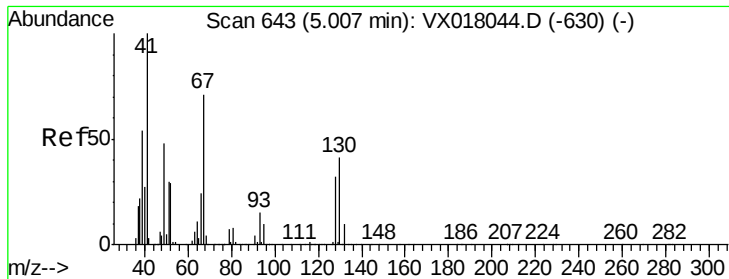
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	61.8	92.6
98	47.9	36.6	55.0



#40
Benzene
Concen: 52.852 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2

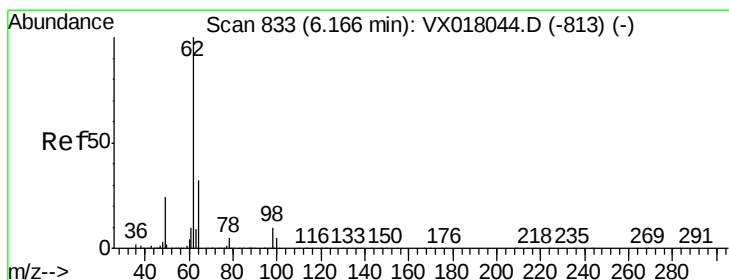
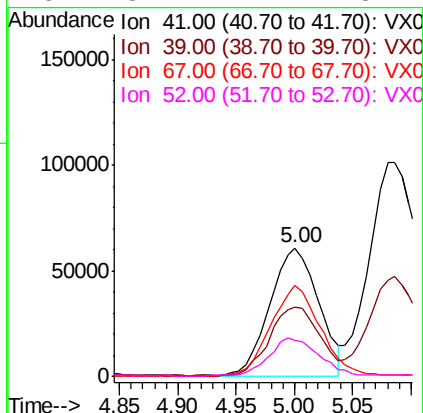
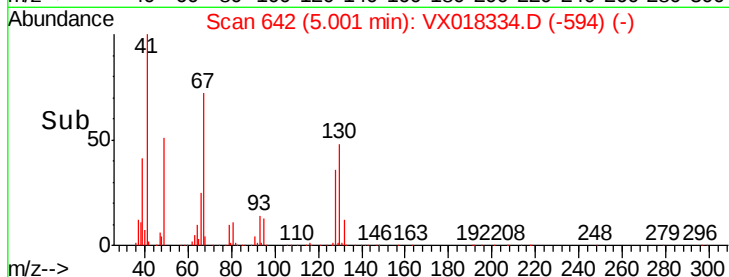
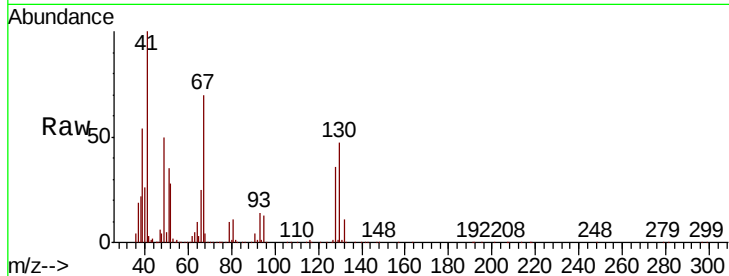




#41
Methacrylonitrile
Concen: 48.341 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

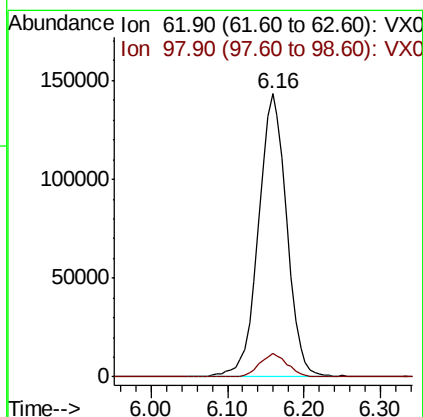
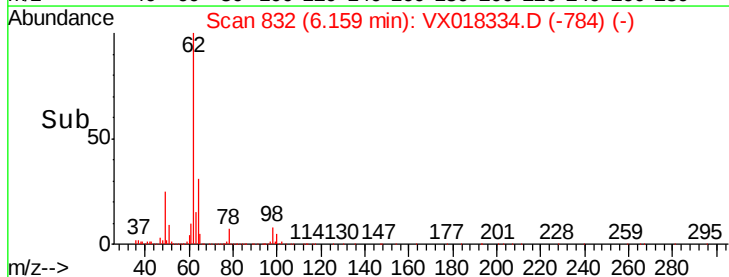
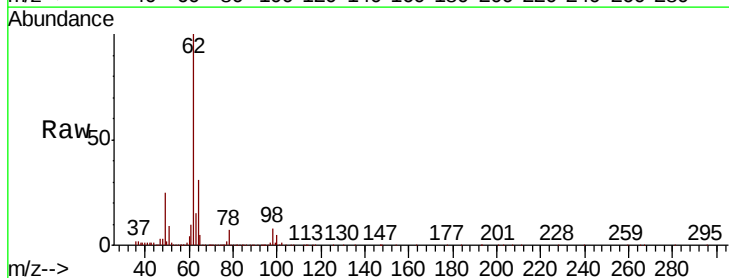
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

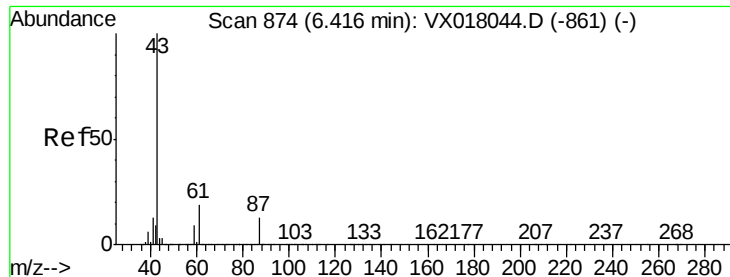
Tot Ion:	41	Resp:	176077
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.1	64.7
67	72.4	56.0	84.0
52	32.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 57.467 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion:	62	Resp:	369524
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



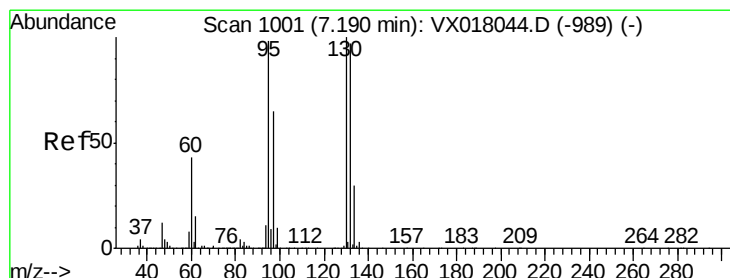
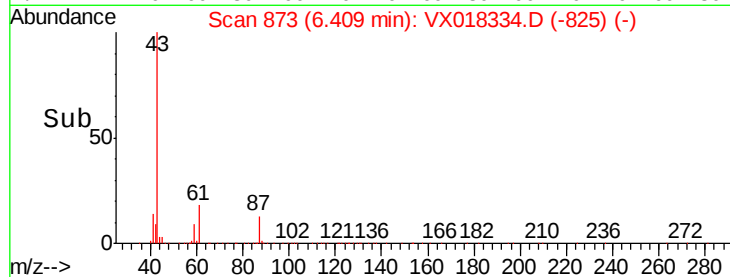
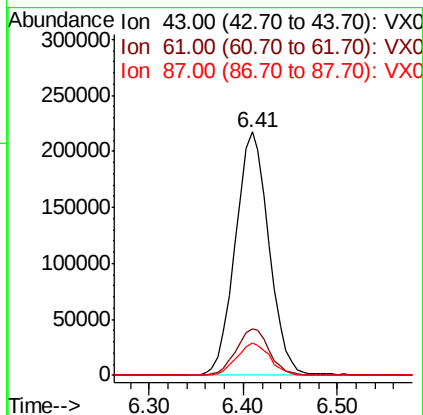
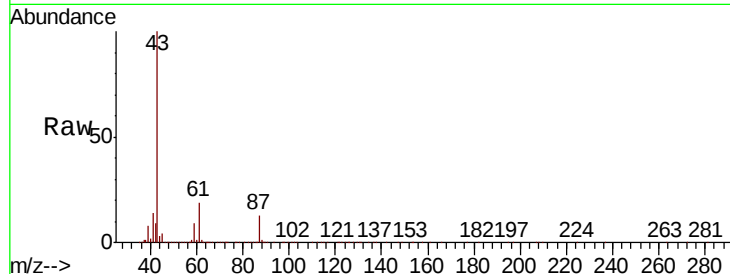


#43

Isopropyl Acetate
 Concen: 50.301 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

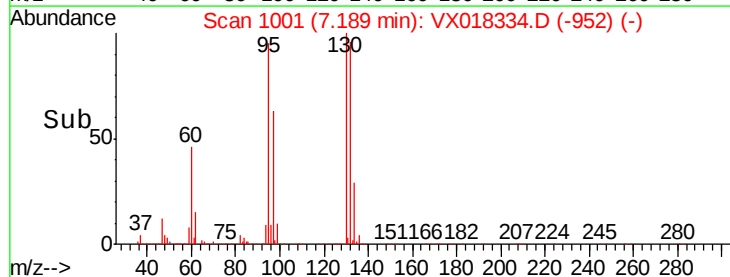
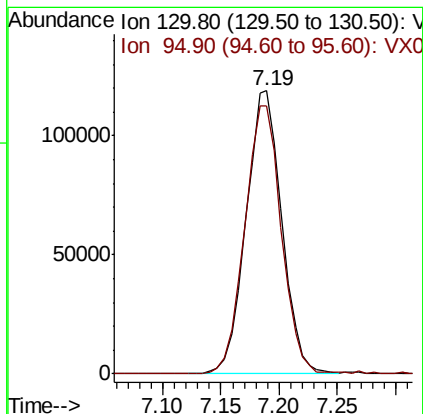
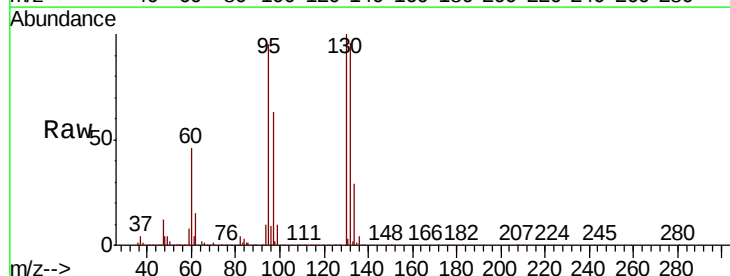
Tot Ion: 43 Resp: 538951
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.7 23.5
 87 13.5 10.3 15.5

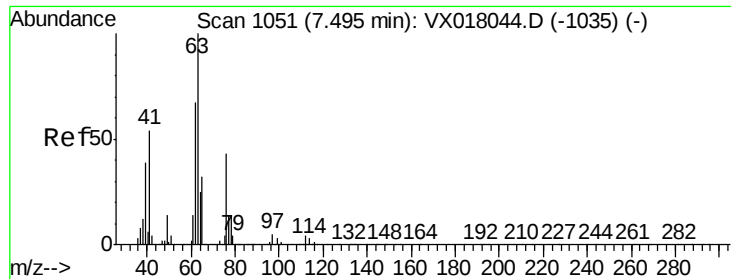


#44

Trichloroethene
 Concen: 53.634 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion: 130 Resp: 254339
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 196.4





#45

1,2-Dichloropropane

Concen: 53.202 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

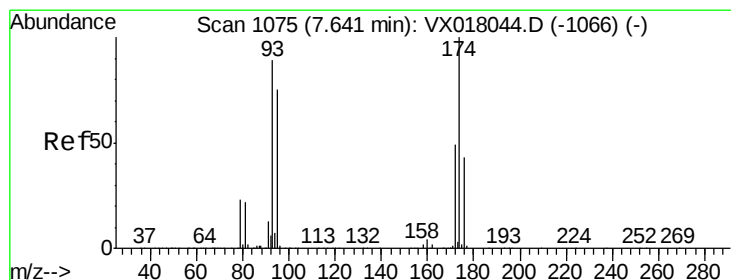
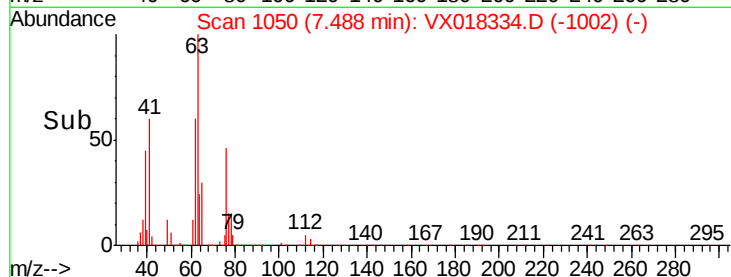
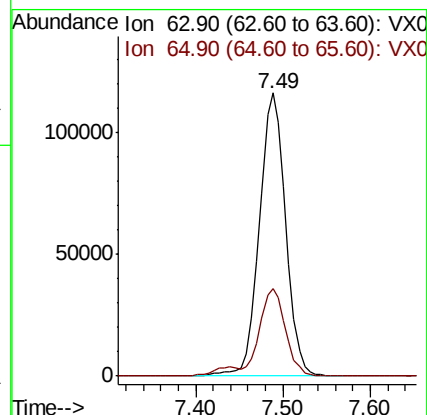
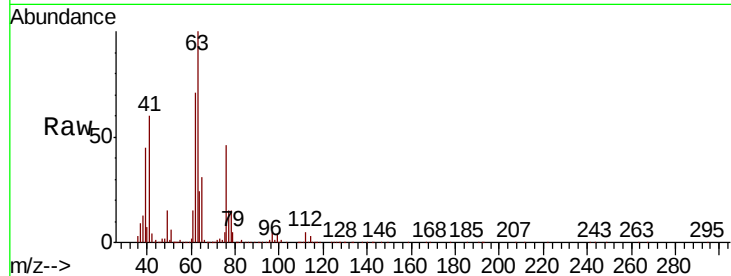
VSTDCCC050

Tot Ion: 63 Resp: 240646

Ion Ratio Lower Upper

63 100

65 30.8 25.7 38.5



#46

Dibromomethane

Concen: 54.433 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

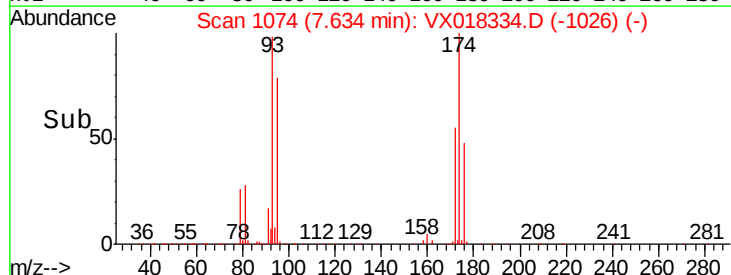
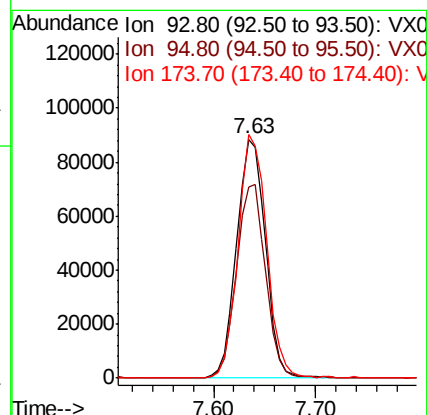
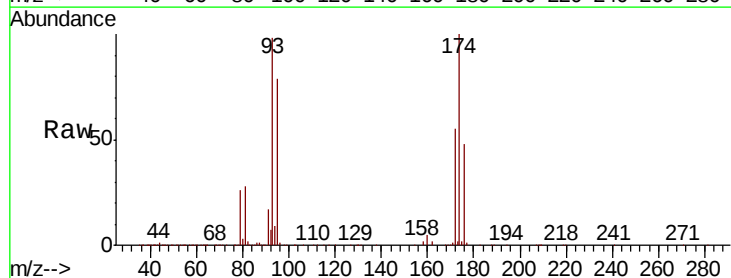
Tgt Ion: 93 Resp: 173141

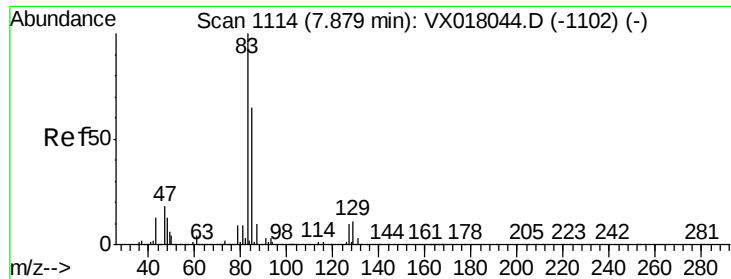
Ion Ratio Lower Upper

93 100

95 81.3 67.3 100.9

174 100.9 82.2 123.2





#47

Bromodichloromethane

Concen: 58.011 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

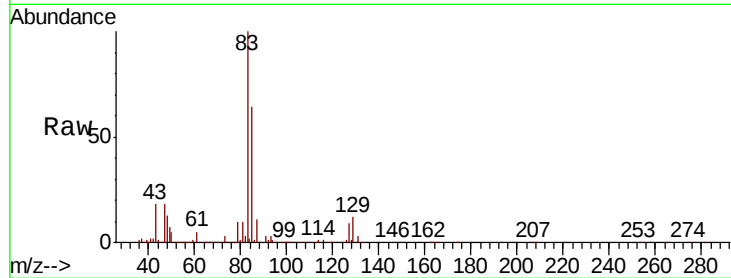
Tot Ion: 83 Resp: 368440

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

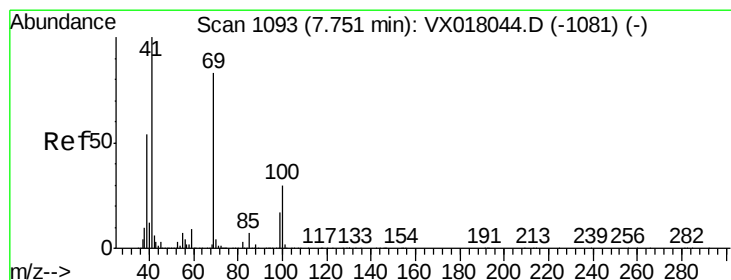
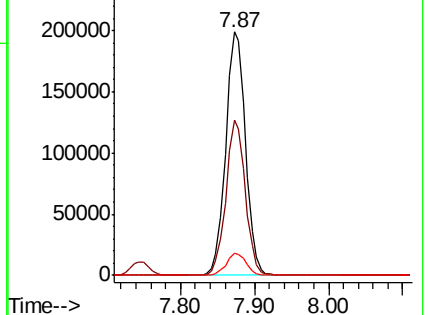
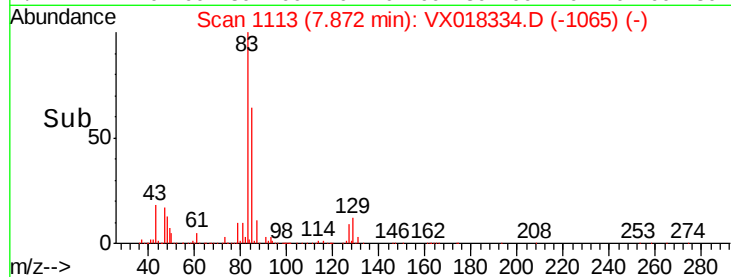
127 9.1 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.974 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

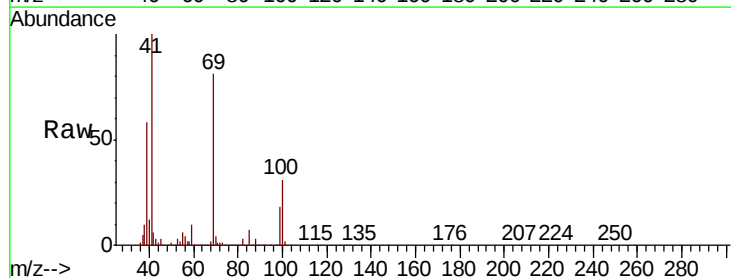
Tgt Ion: 41 Resp: 277222

Ion Ratio Lower Upper

41 100

69 81.0 65.5 98.3

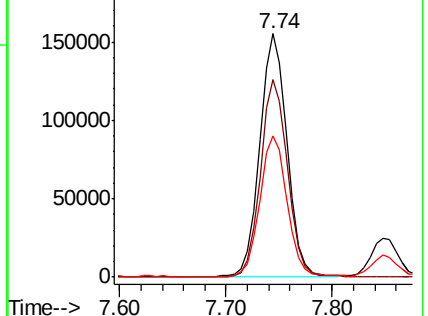
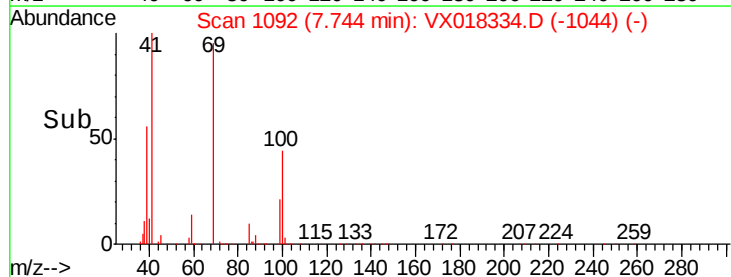
39 58.2 44.5 66.7

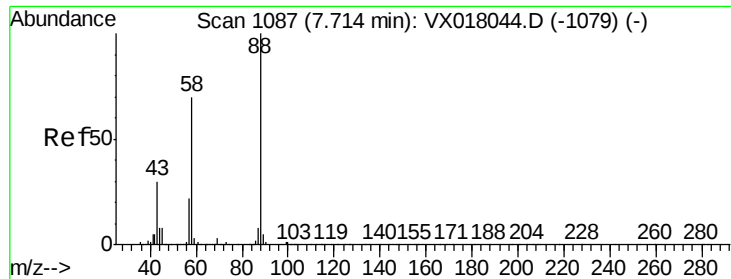


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1135.270 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

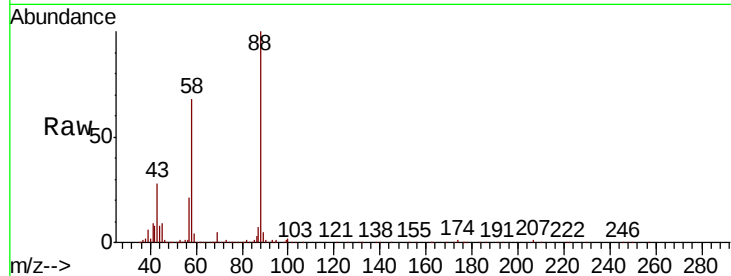
Tot Ion: 88 Resp: 109687

Ion Ratio Lower Upper

88 100

43 34.6 27.4 41.0

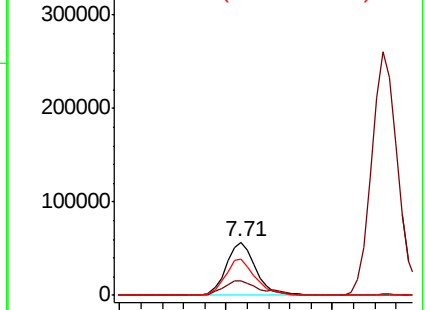
58 70.1 56.4 84.6



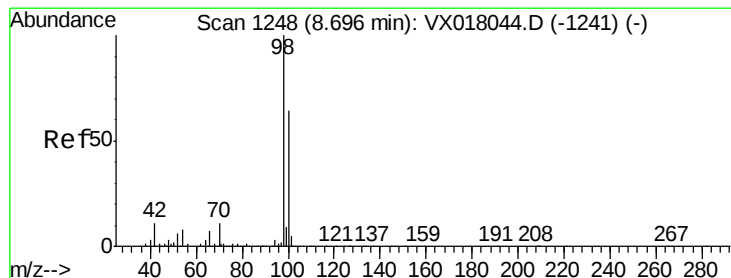
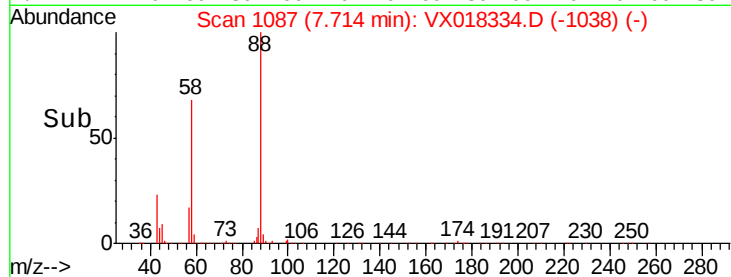
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 48.812 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018334.D

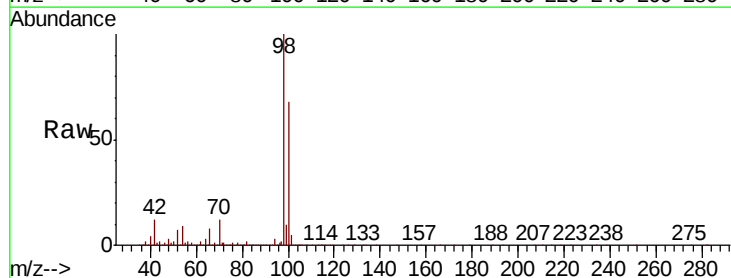
Acq: 10 Sep 2020 11:07

Tgt Ion: 98 Resp: 766729

Ion Ratio Lower Upper

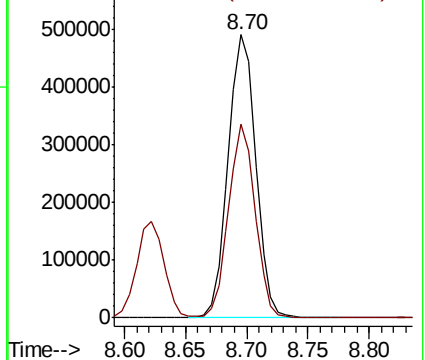
98 100

100 65.9 52.2 78.4

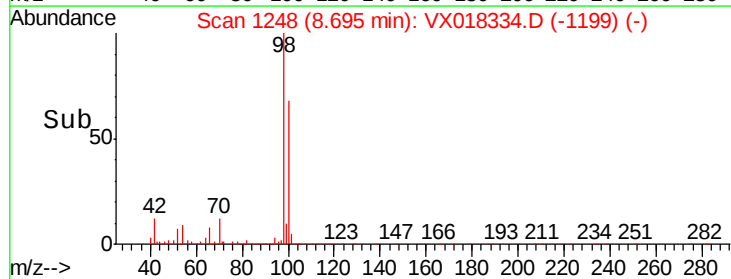


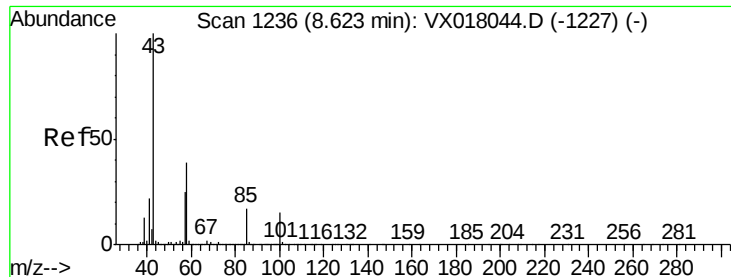
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 258.405 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

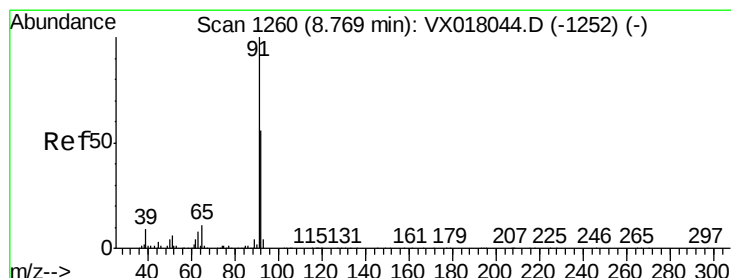
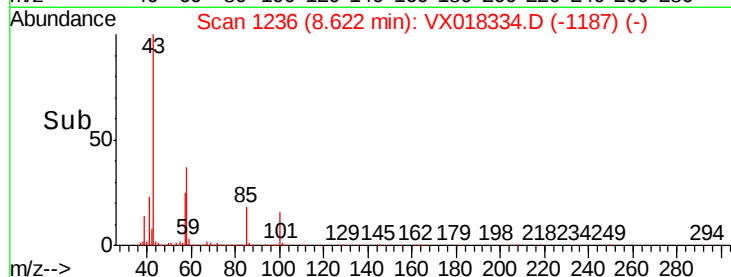
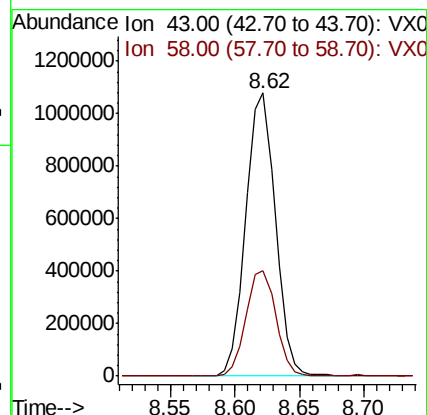
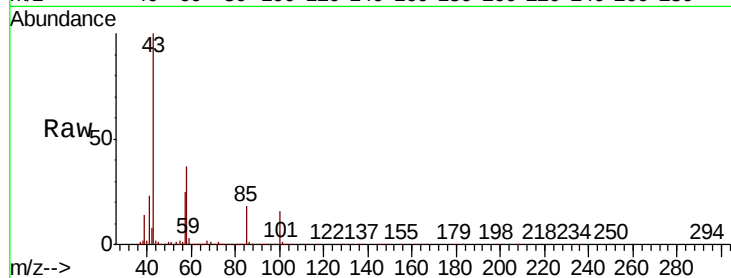
VSTDCCC050

Tot Ion: 43 Resp: 1710254

Ion Ratio Lower Upper

43 100

58 37.8 30.7 46.1



#52

Toluene

Concen: 54.090 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018334.D

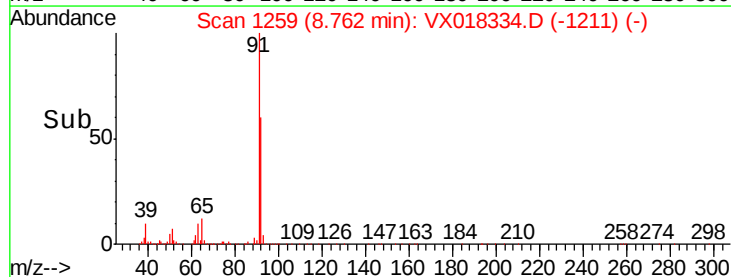
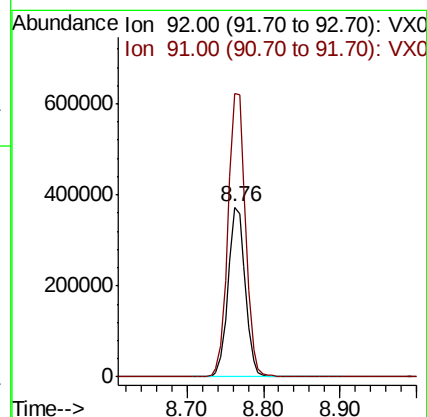
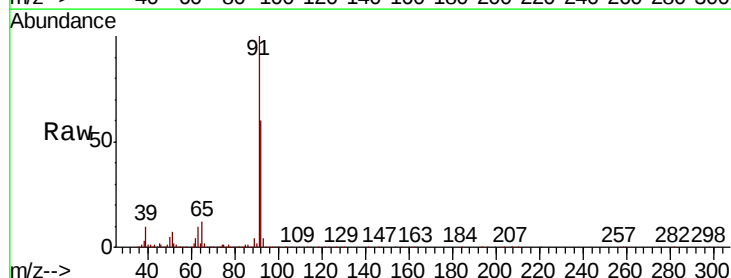
Acq: 10 Sep 2020 11:07

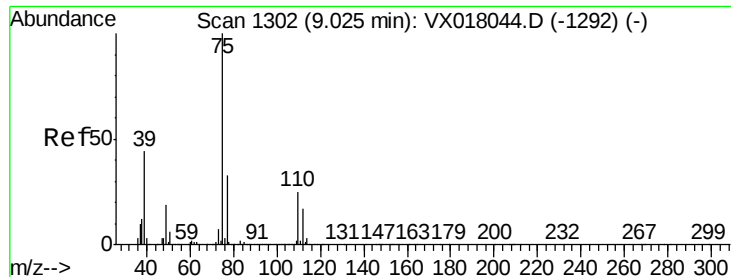
Tgt Ion: 92 Resp: 575625

Ion Ratio Lower Upper

92 100

91 170.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 56.181 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

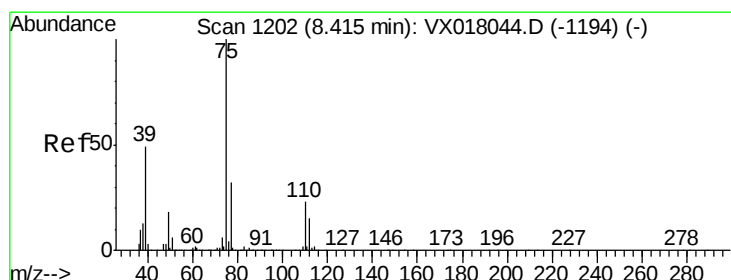
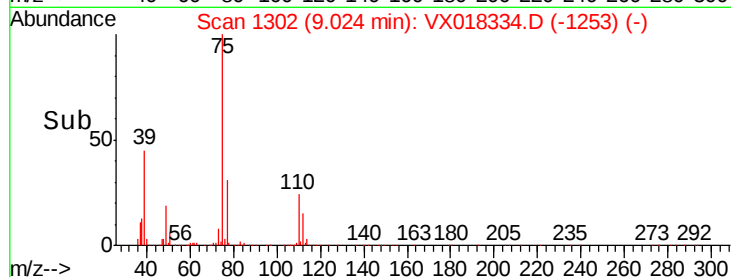
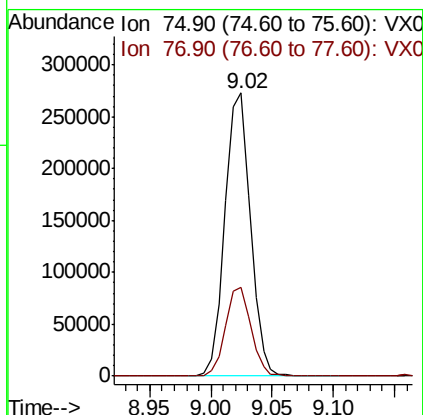
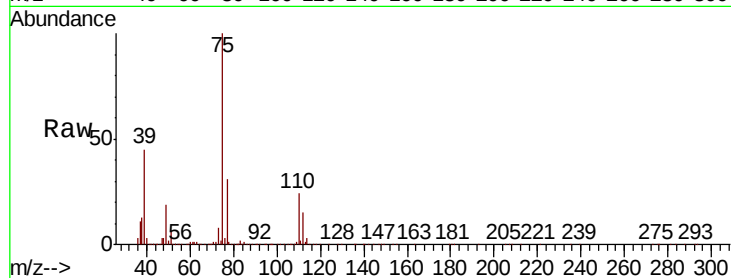
VSTDCCC050

Tot Ion: 75 Resp: 395462

Ion Ratio Lower Upper

75 100

77 31.5 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 54.825 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

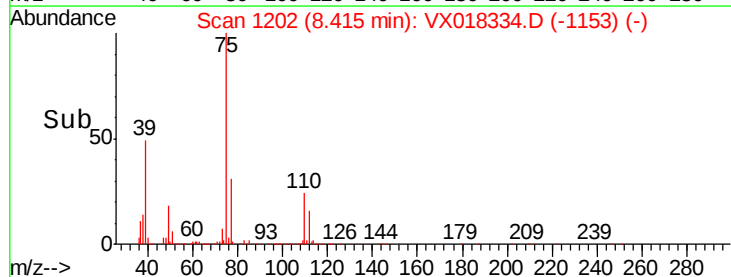
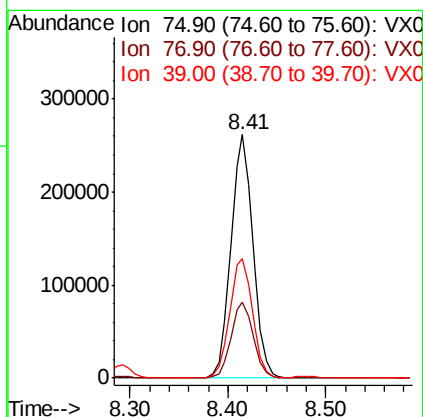
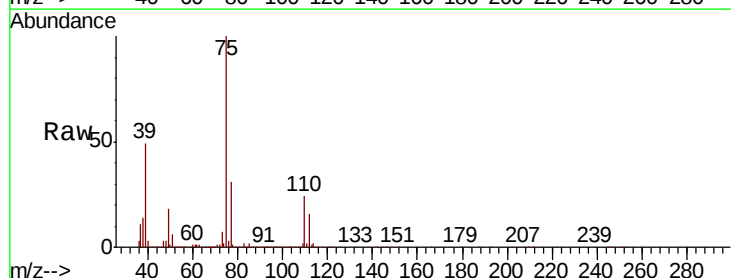
Tgt Ion: 75 Resp: 408811

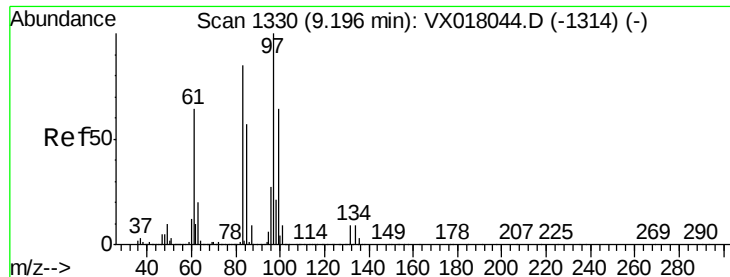
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

39 48.8 38.8 58.2

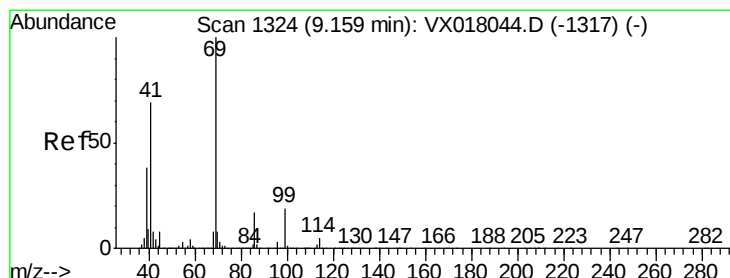
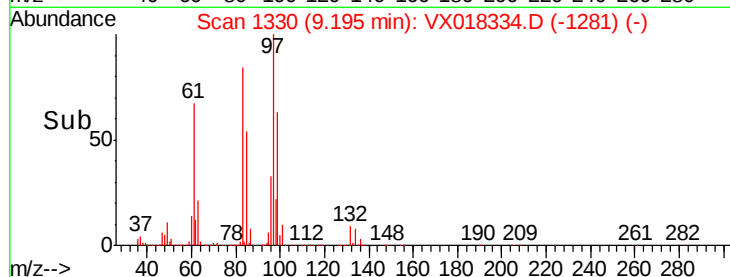
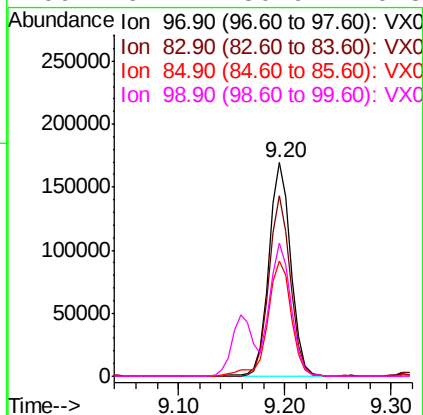
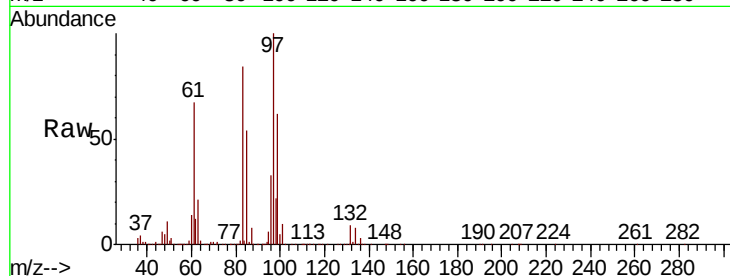




#55
 1,1,2-Trichloroethane
 Concen: 54.046 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

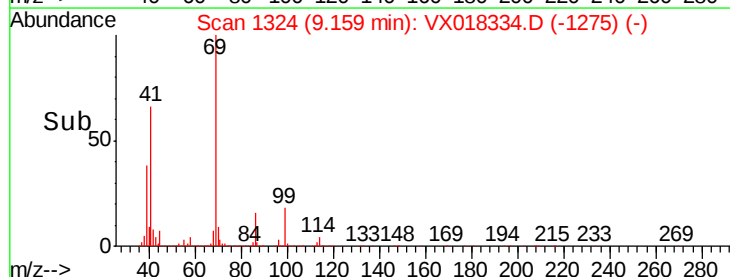
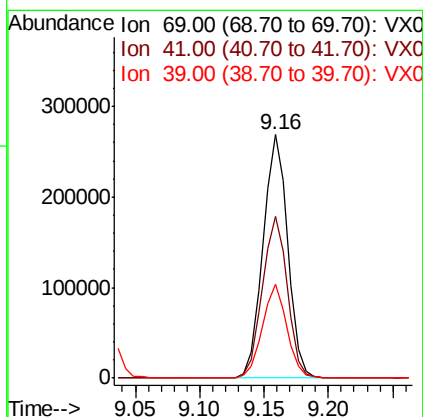
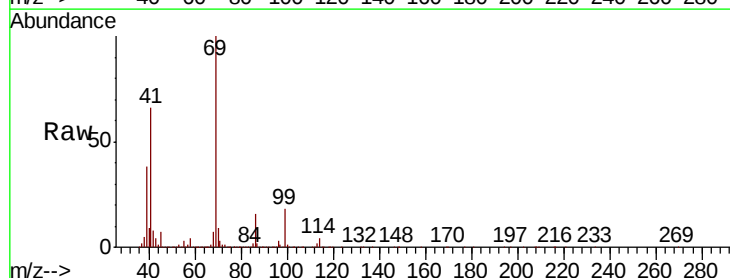
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

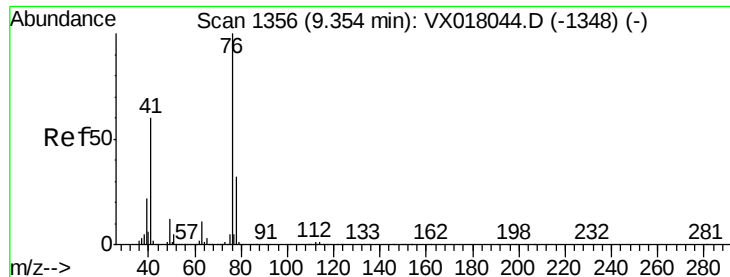
Tot Ion:	97	Resp:	245300
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.6
85	53.8	45.3	67.9
99	62.4	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 52.917 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion:	69	Resp:	357047
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.6	81.8
39	38.2	29.1	43.7





#57

1,3-Dichloropropane

Concen: 54.057 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

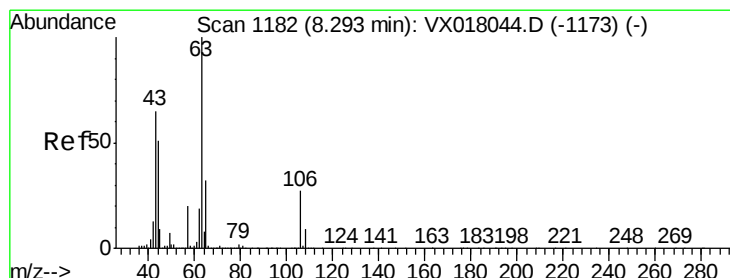
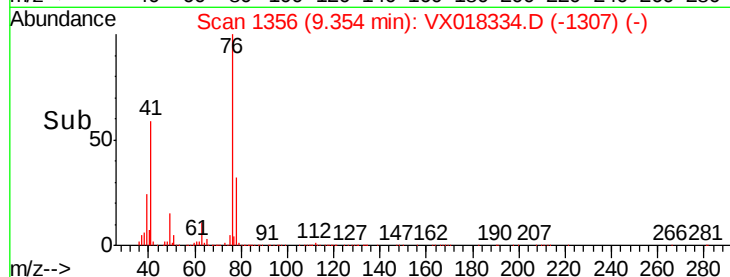
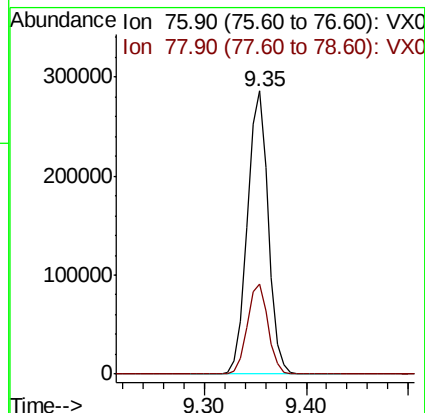
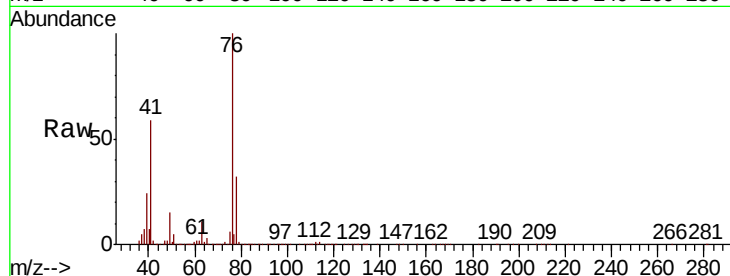
VSTDCCC050

Tot Ion: 76 Resp: 404667

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.363 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018334.D

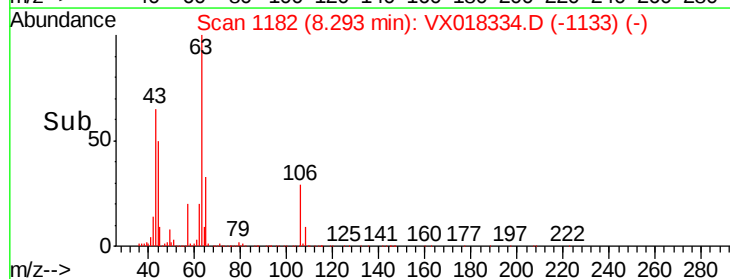
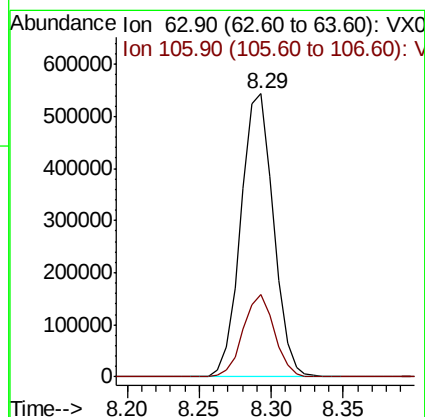
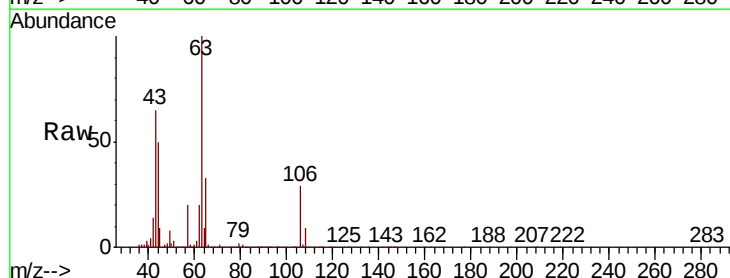
Acq: 10 Sep 2020 11:07

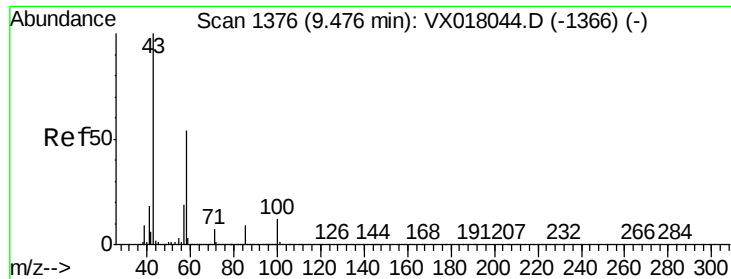
Tgt Ion: 63 Resp: 854007

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

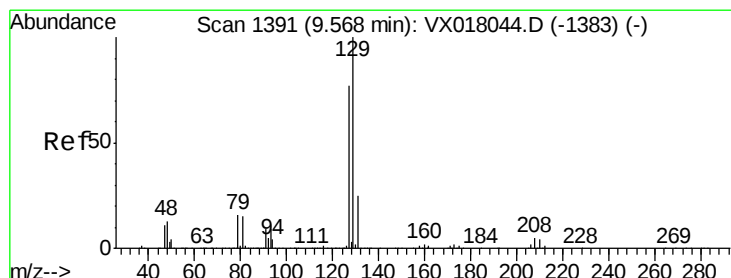
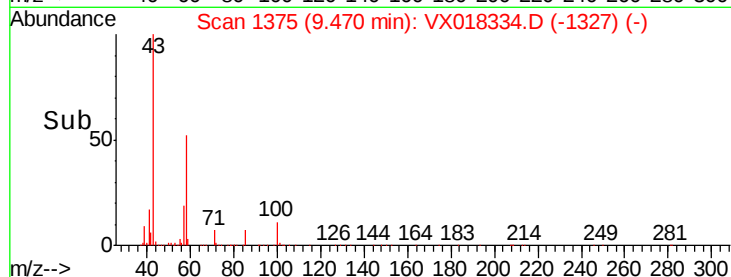
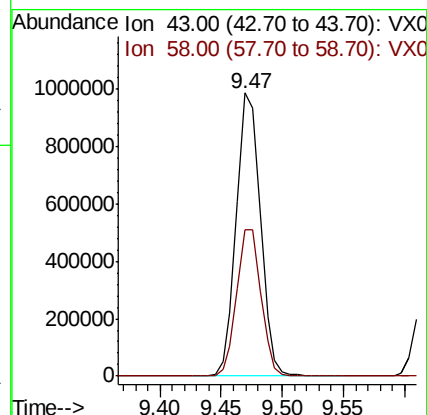
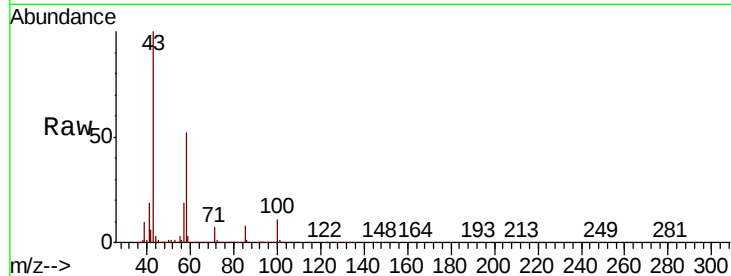




#59
2-Hexanone
Concen: 266.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

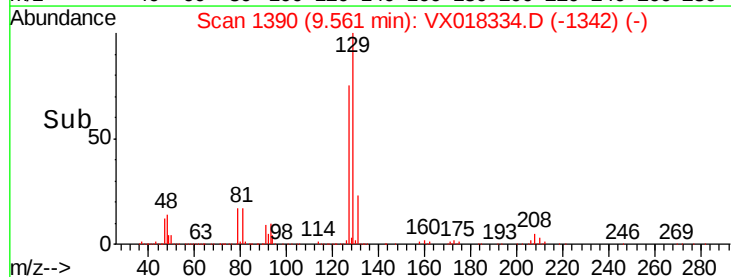
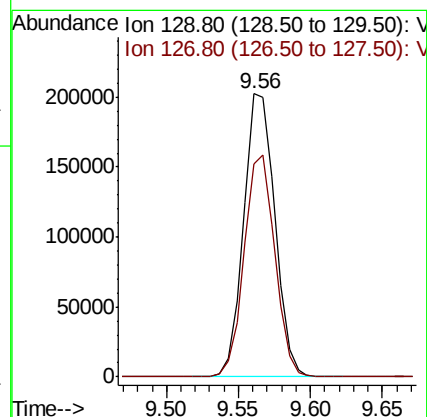
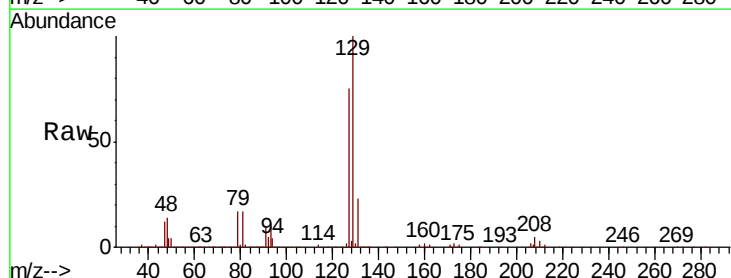
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

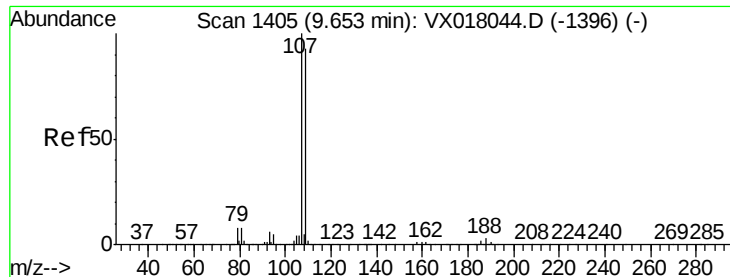
Tot Ion: 43 Resp: 1341582
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 57.189 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 129 Resp: 304493
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.291 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

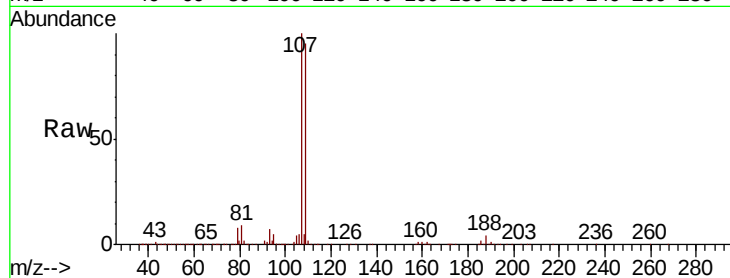
VSTDCCC050

Tot Ion: 107 Resp: 267520

Ion Ratio Lower Upper

107 100

109 94.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

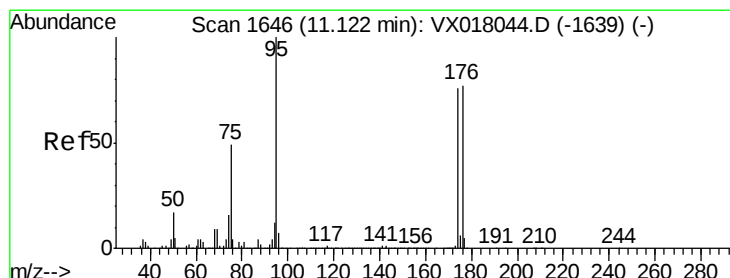
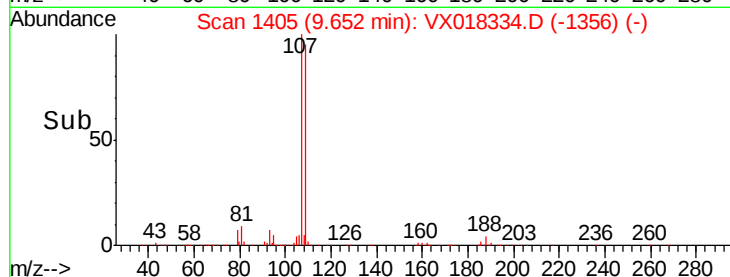
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.475 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

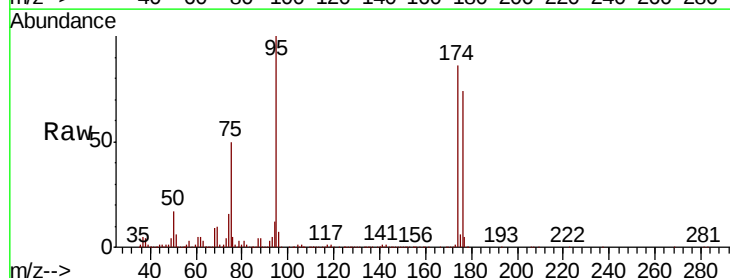
Tgt Ion: 95 Resp: 318118

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.2

176 77.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

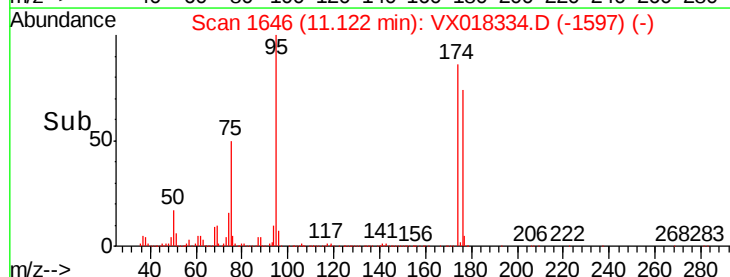
300000

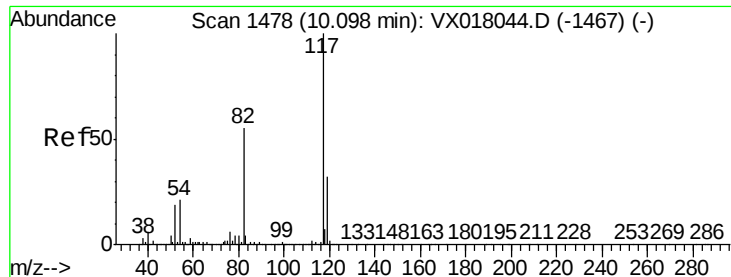
200000

100000

0

Time--> 11.10 11.20

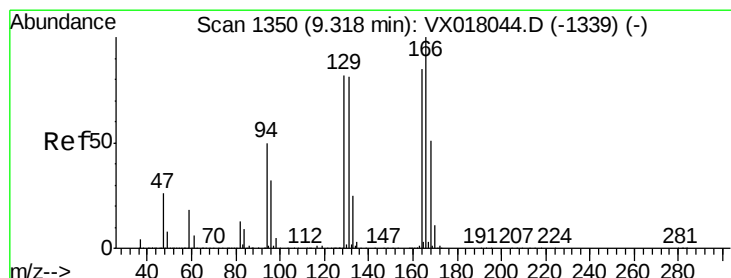
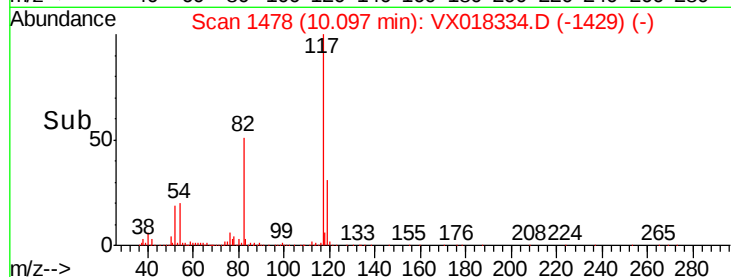
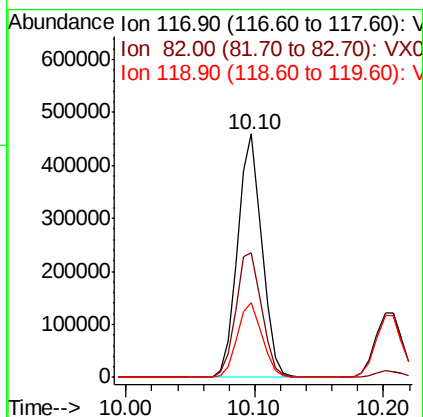
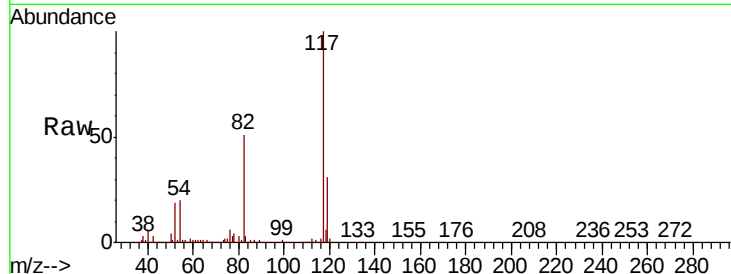




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

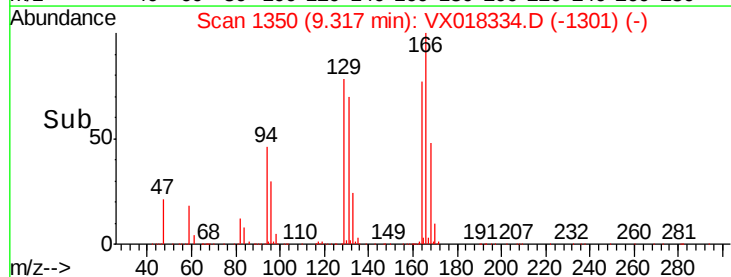
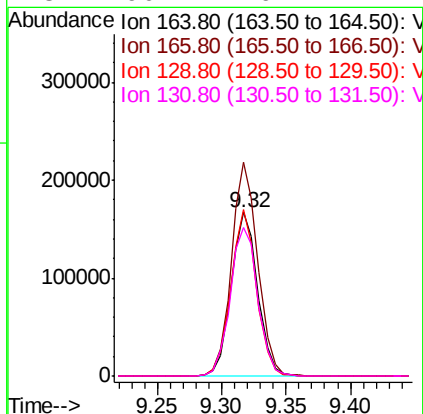
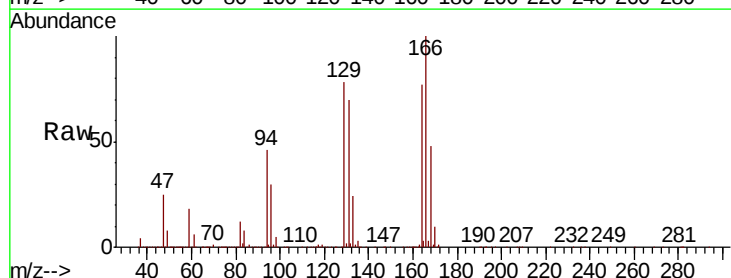
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

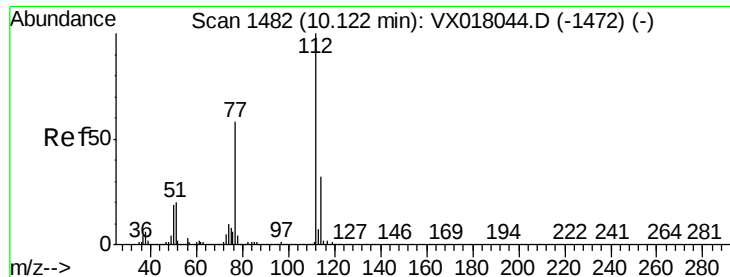
Tot Ion:117 Resp: 602584
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 30.8 25.7 38.5



#64
Tetrachloroethene
Concen: 54.053 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion:164 Resp: 239354
Ion Ratio Lower Upper
164 100
166 130.4 94.2 141.2
129 101.9 76.9 115.3
131 90.7 76.1 114.1





#65

Chlorobenzene

Concen: 52.731 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

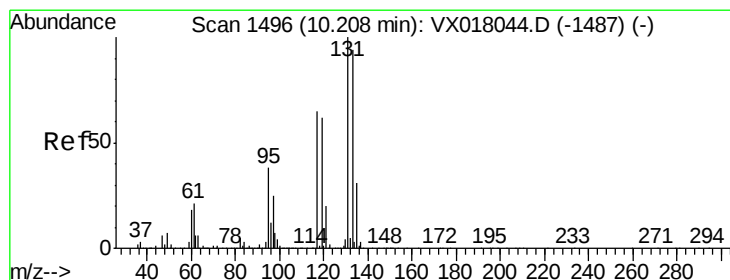
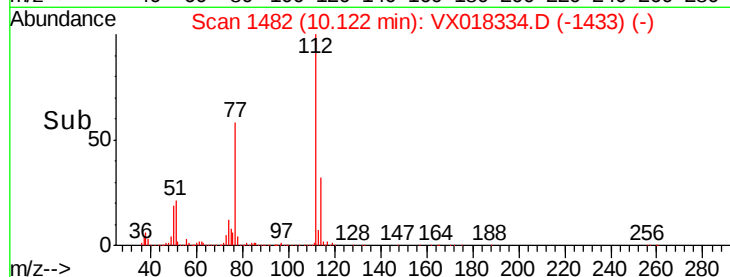
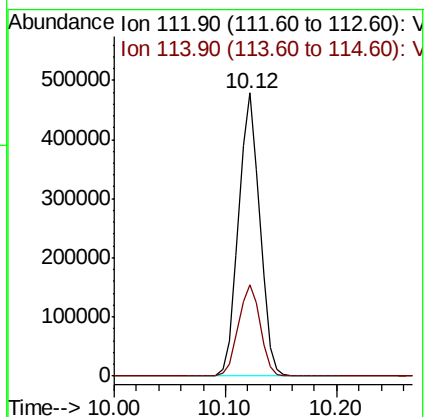
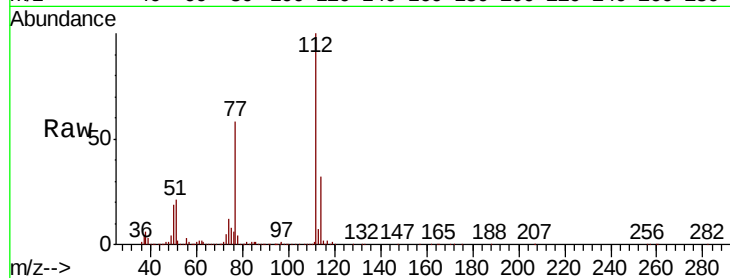
VSTDCCC050

Tot Ion:112 Resp: 634611

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.754 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

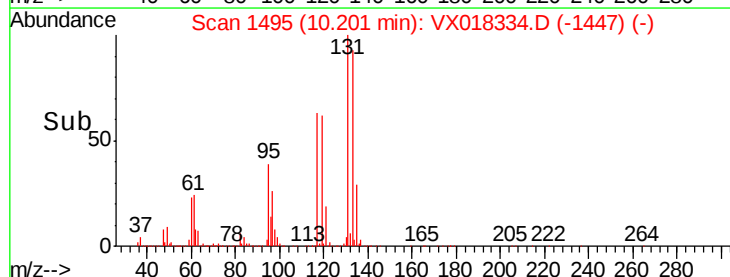
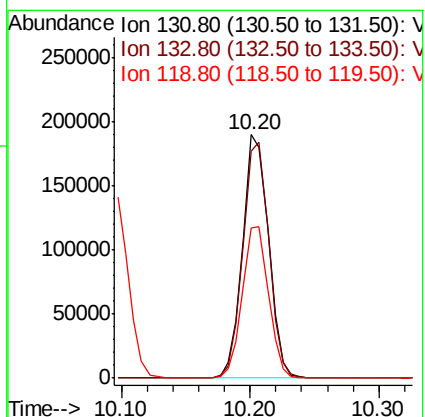
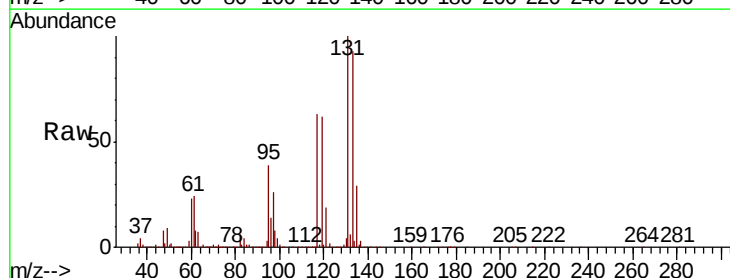
Tgt Ion:131 Resp: 264460

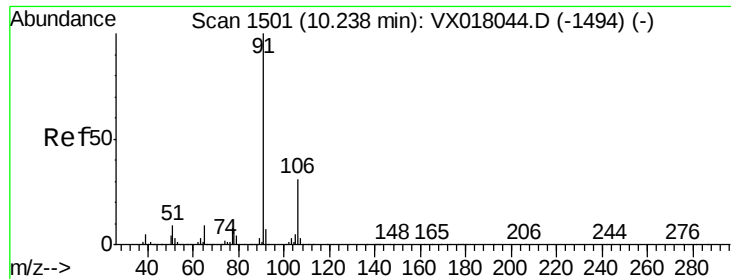
Ion Ratio Lower Upper

131 100

133 97.0 46.7 140.1

119 63.1 31.8 95.4





#67

Ethyl Benzene

Concen: 55.260 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

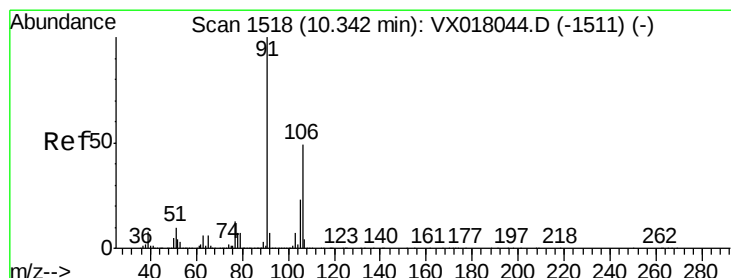
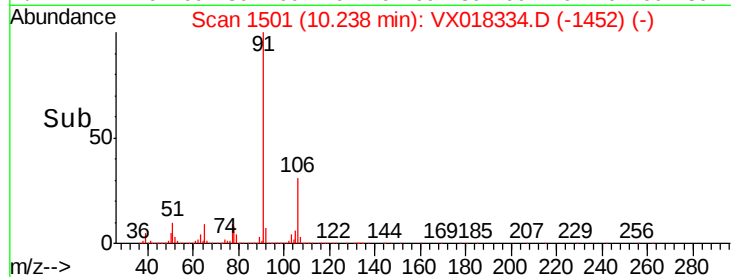
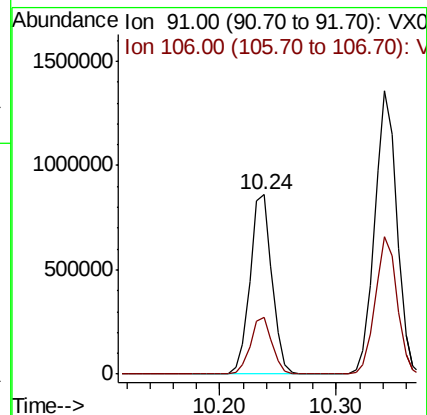
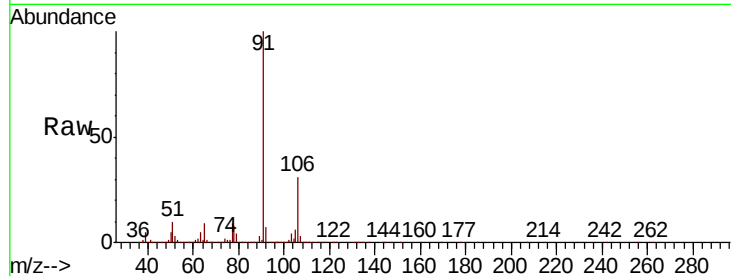
VSTDCCC050

Tot Ion: 91 Resp: 1130978

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 112.746 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018334.D

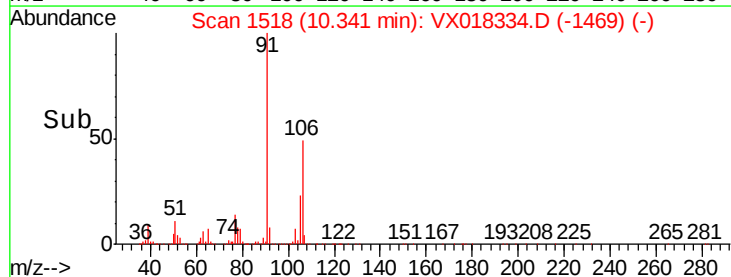
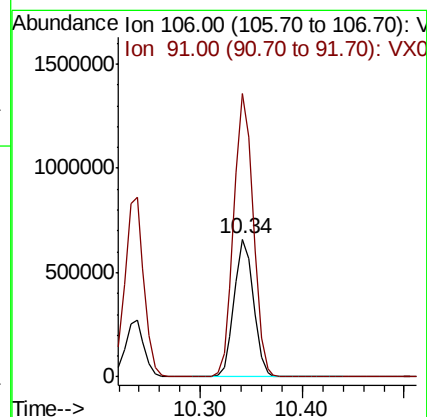
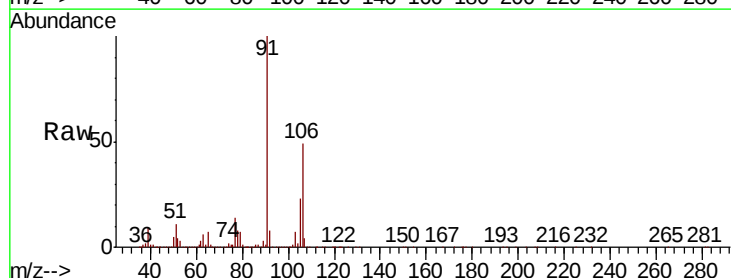
Acq: 10 Sep 2020 11:07

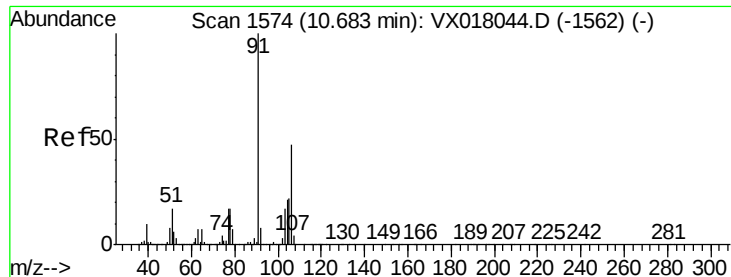
Tgt Ion: 106 Resp: 861276

Ion Ratio Lower Upper

106 100

91 207.7 162.2 243.2

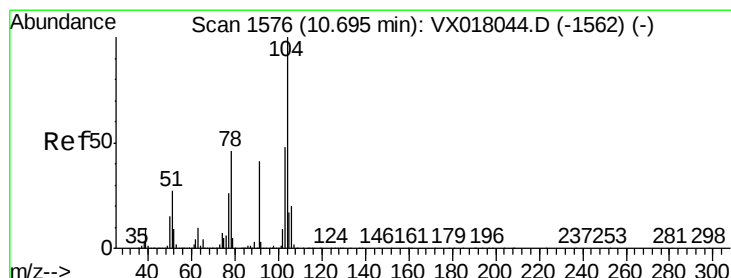
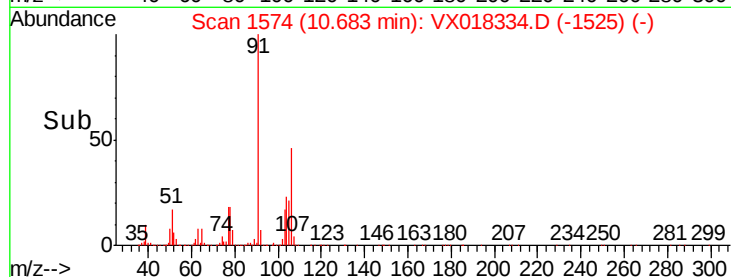
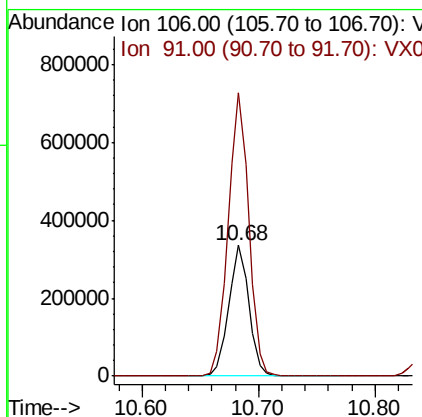
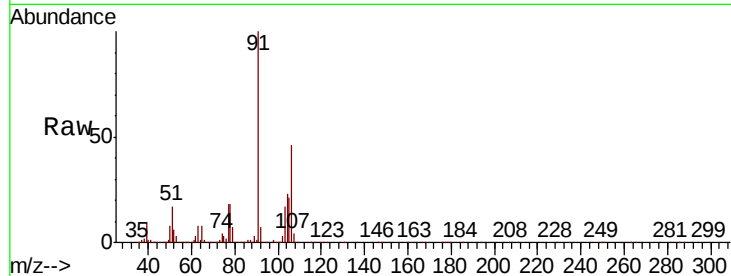




#69
o-Xylene
Concen: 54.853 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

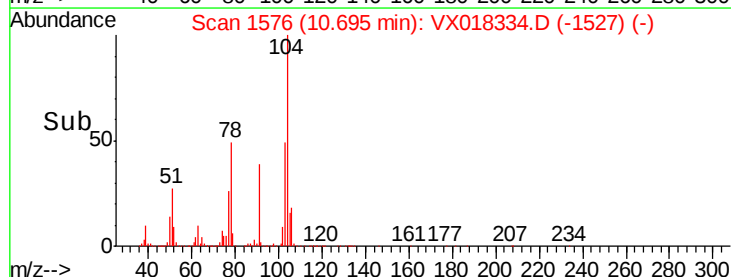
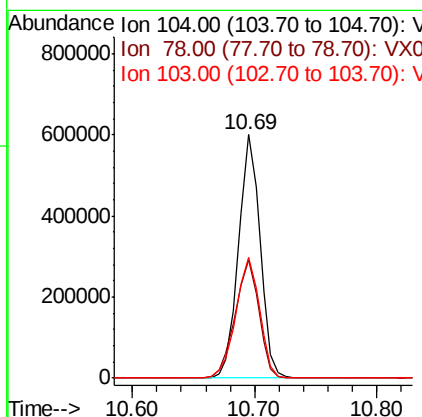
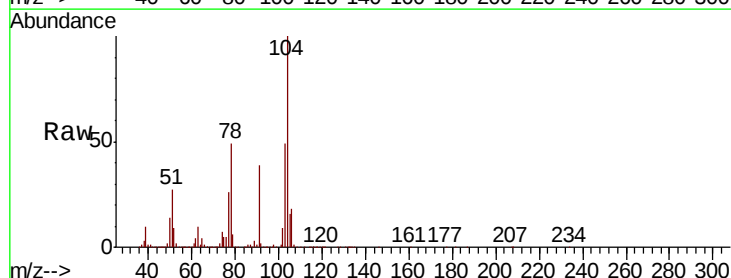
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

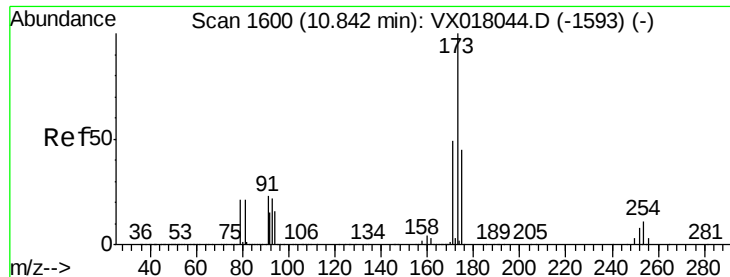
Tot Ion:106 Resp: 406198
Ion Ratio Lower Upper
106 100
91 219.8 107.1 321.3



#70
Styrene
Concen: 57.888 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion:104 Resp: 730027
Ion Ratio Lower Upper
104 100
78 53.9 40.9 61.3
103 54.6 43.6 65.4





#71

Bromoform

Concen: 58.969 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

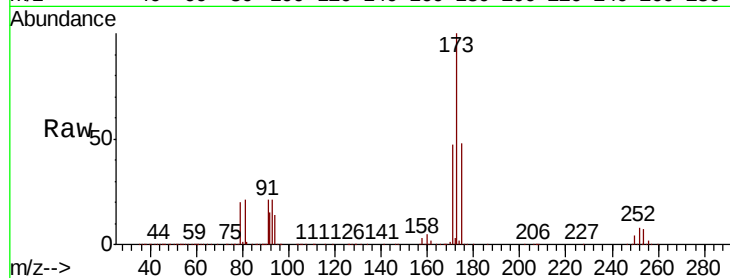
Tot Ion:173 Resp: 238583

Ion Ratio Lower Upper

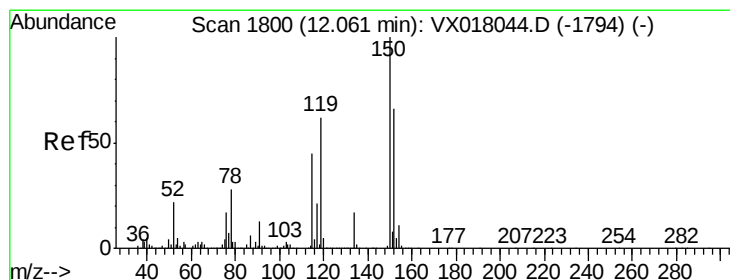
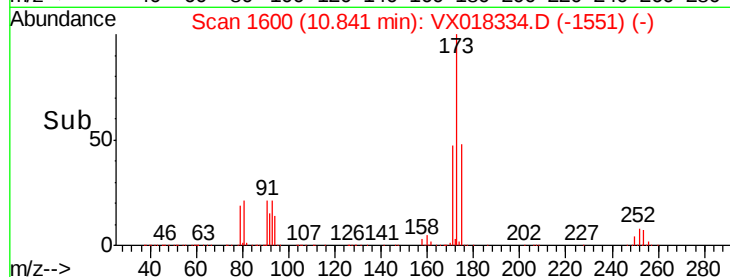
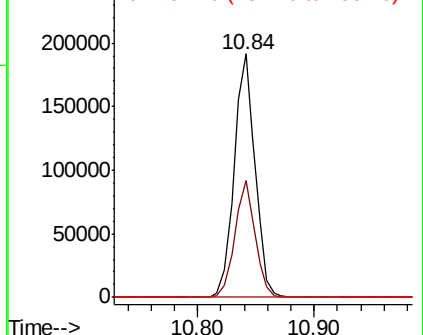
173 100

175 47.0 23.9 71.8

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

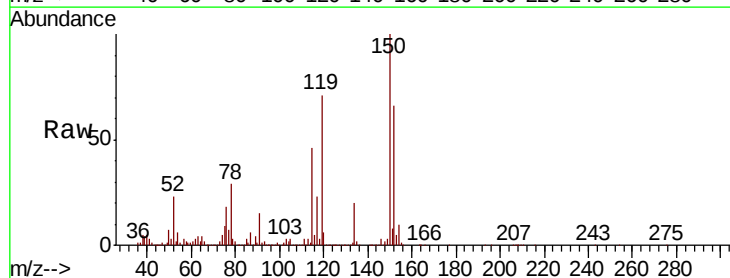
Tgt Ion:152 Resp: 341084

Ion Ratio Lower Upper

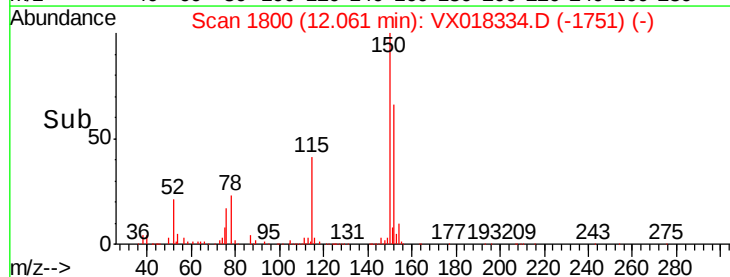
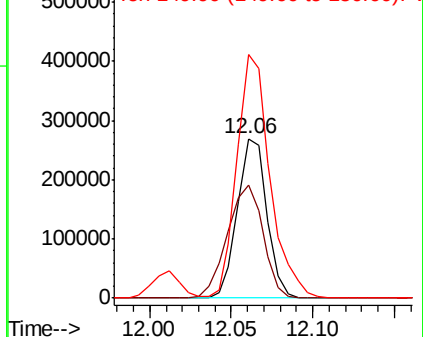
152 100

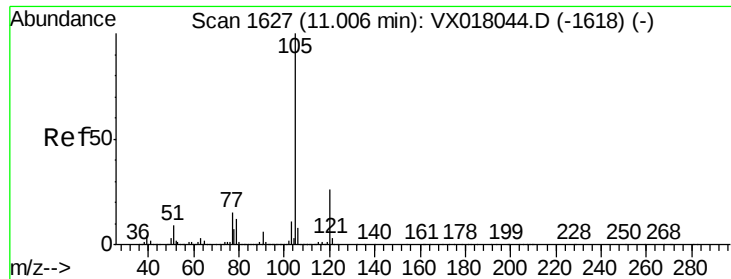
115 85.5 41.5 124.5

150 170.6 0.0 343.8



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





#73

Isopropylbenzene

Concen: 50.873 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

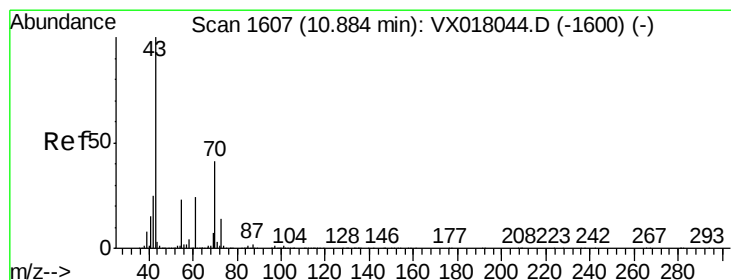
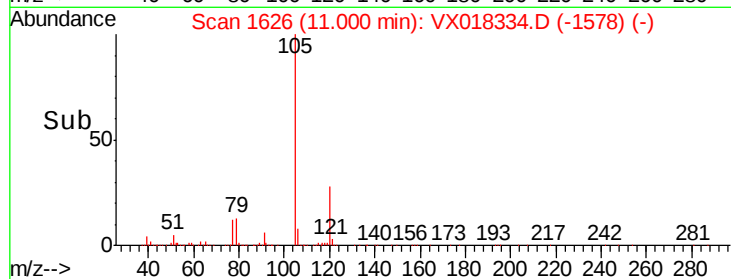
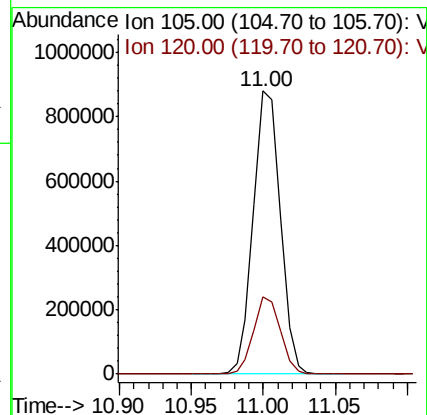
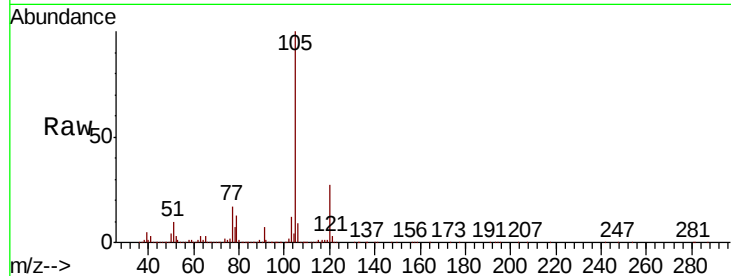
VSTDCCC050

Tot Ion:105 Resp: 1144563

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 46.149 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion: 43 Resp: 492622

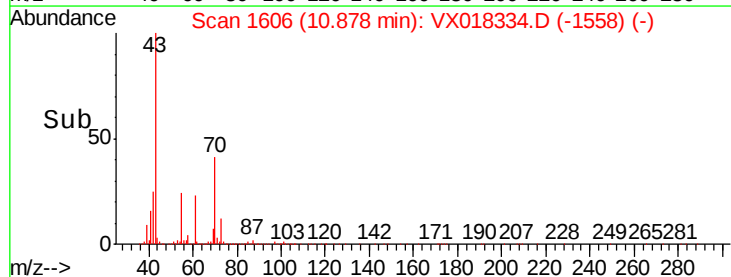
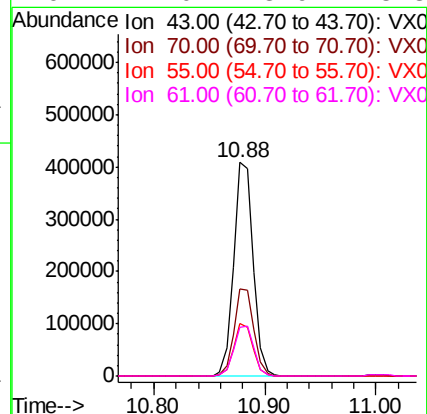
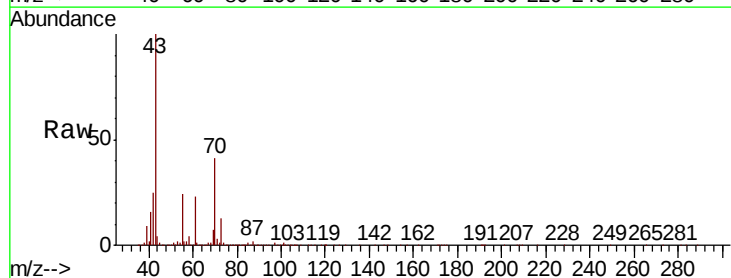
Ion Ratio Lower Upper

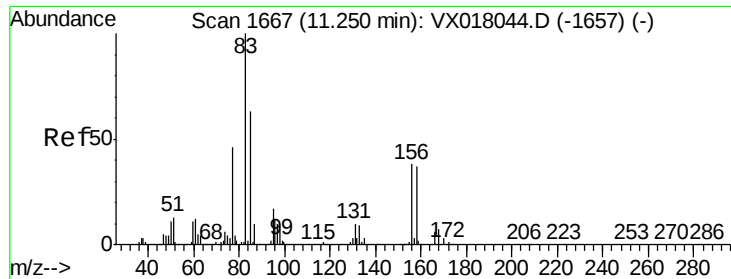
43 100

70 41.2 32.3 48.5

55 24.2 18.2 27.2

61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.844 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

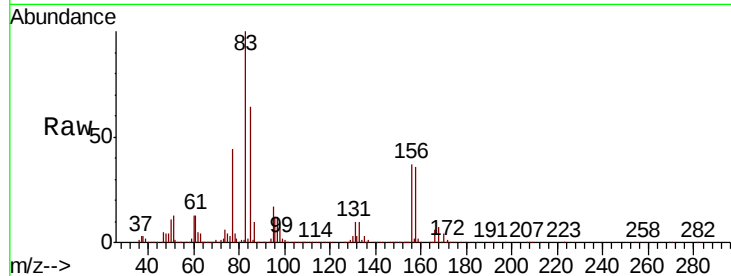
Tot Ion: 83 Resp: 371785

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

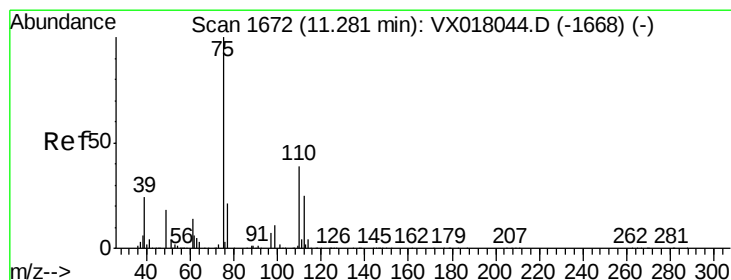
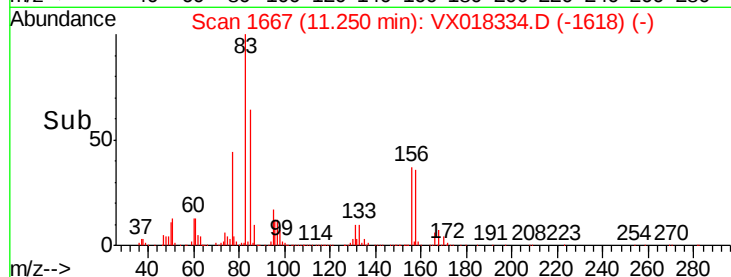
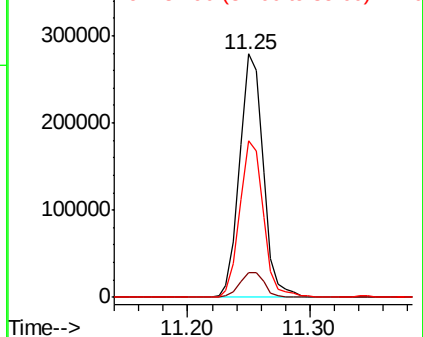
85 64.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.175 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018334.D

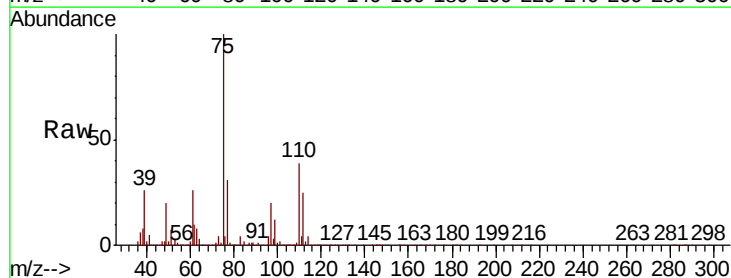
Acq: 10 Sep 2020 11:07

Tgt Ion: 75 Resp: 456581

Ion Ratio Lower Upper

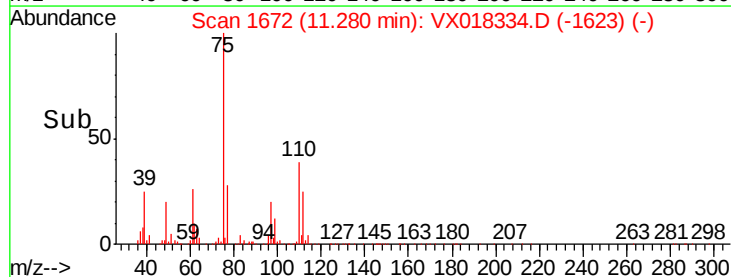
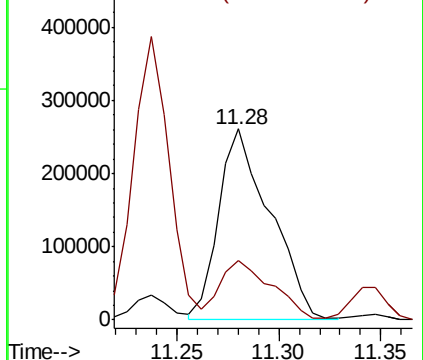
75 100

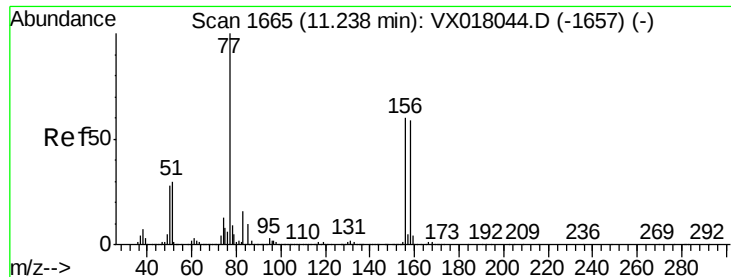
77 31.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.144 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

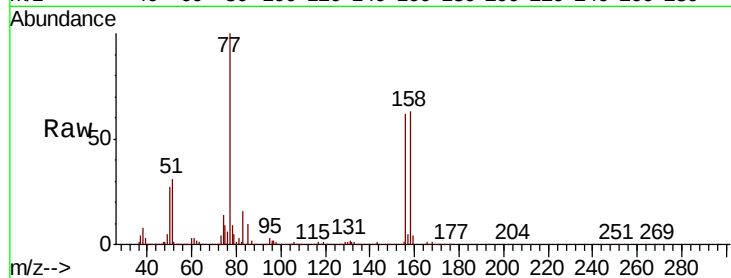
Tot Ion:156 Resp: 305623

Ion Ratio Lower Upper

156 100

77 155.0 80.0 240.2

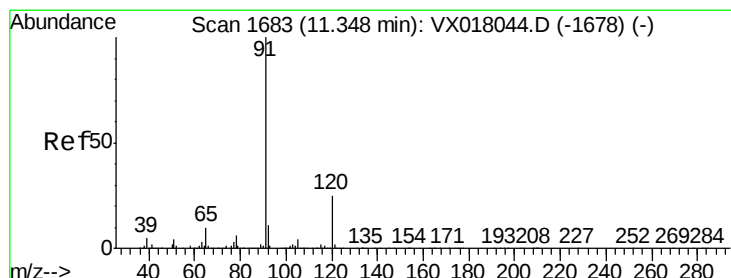
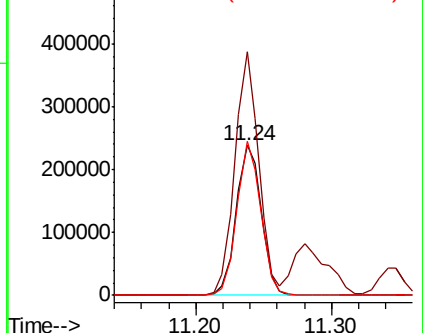
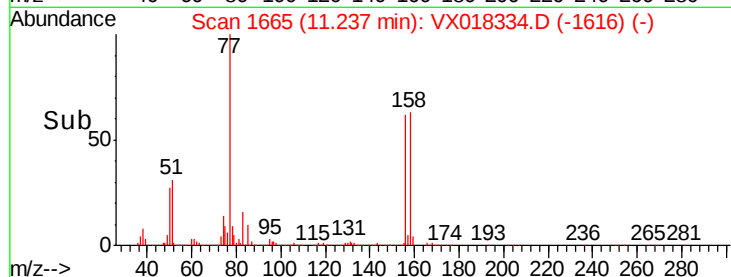
158 97.2 49.5 148.7



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: 52.840 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018334.D

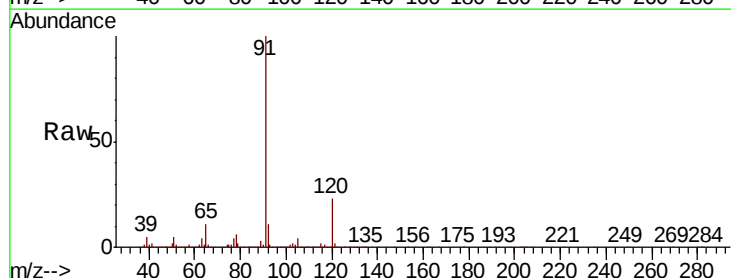
Acq: 10 Sep 2020 11:07

Tgt Ion: 91 Resp: 1349850

Ion Ratio Lower Upper

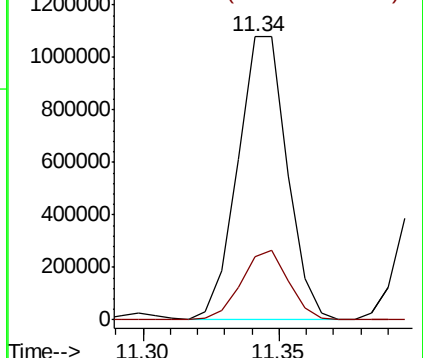
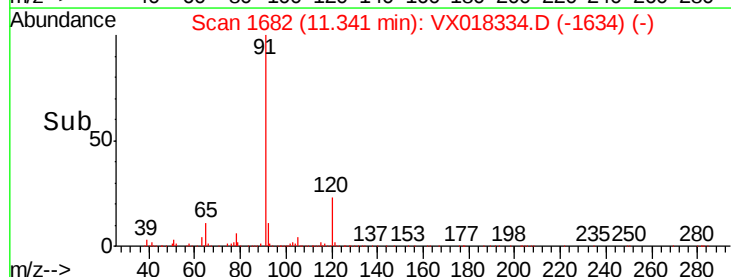
91 100

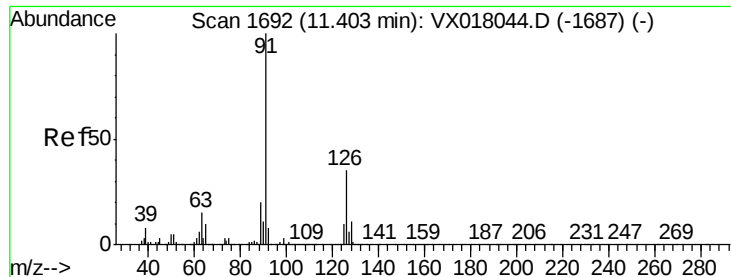
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.900 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

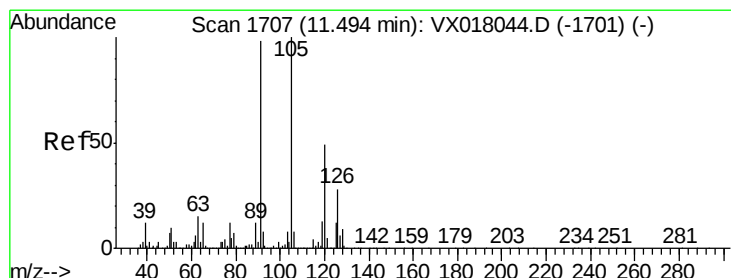
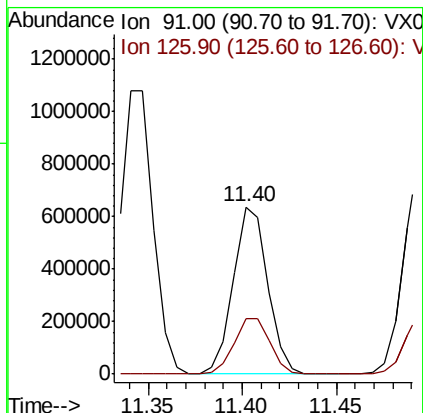
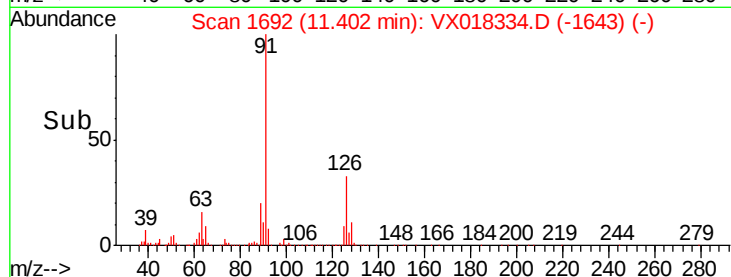
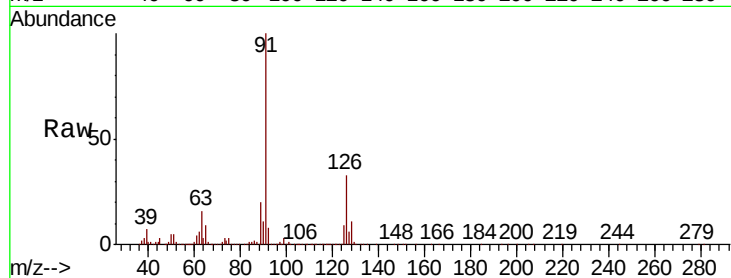
VSTDCCC050

Tot Ion: 91 Resp: 803339

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 54.543 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018334.D

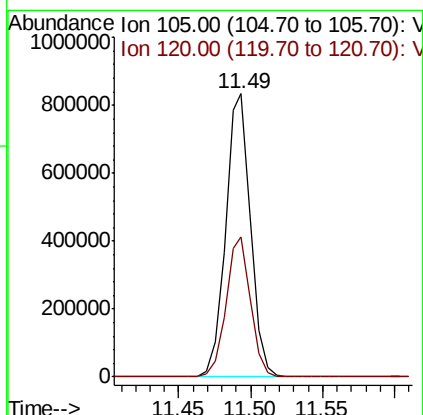
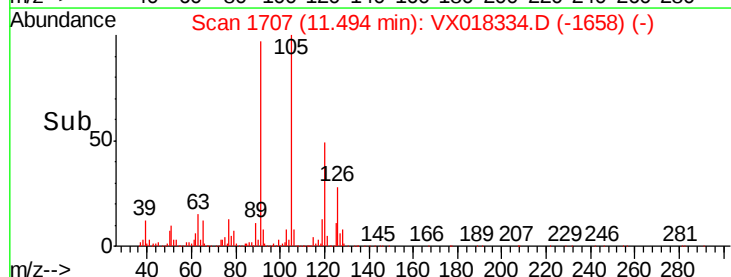
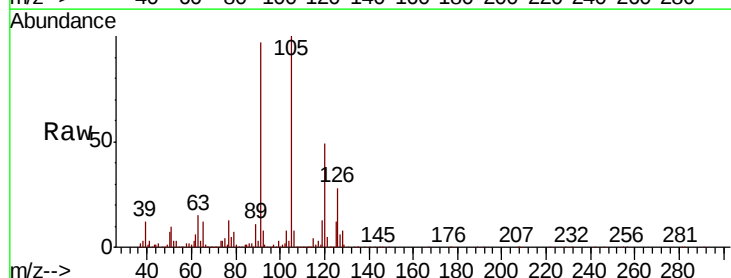
Acq: 10 Sep 2020 11:07

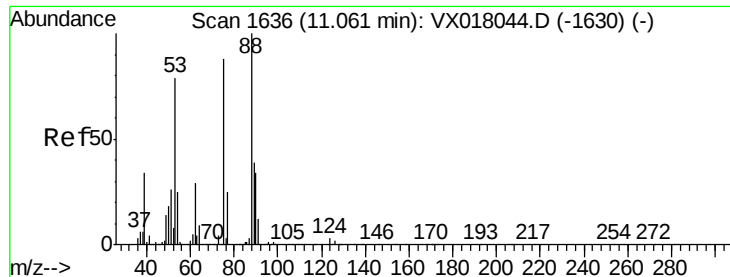
Tgt Ion: 105 Resp: 1008389

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.776 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

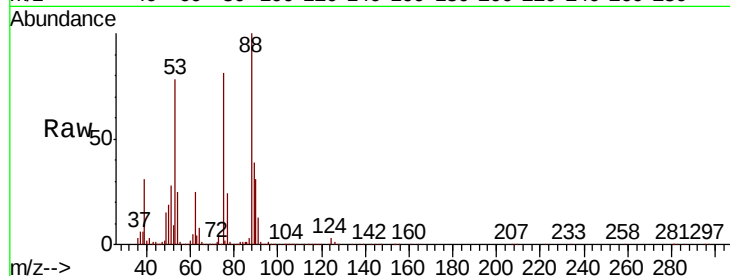
Tot Ion: 75 Resp: 134219

Ion Ratio Lower Upper

75 100

53 99.1 74.7 112.1

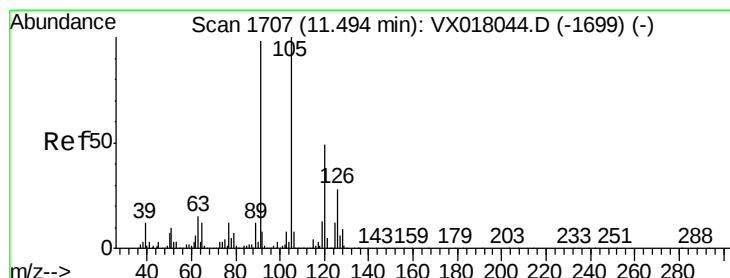
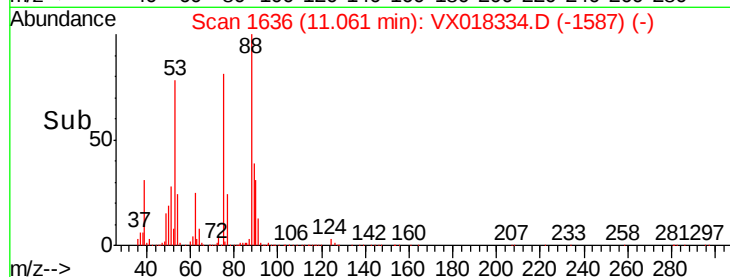
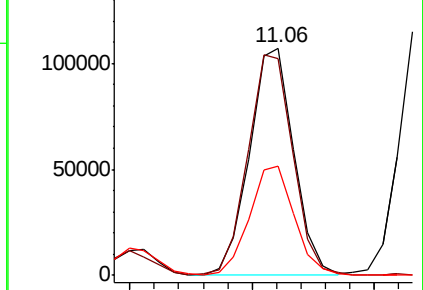
89 49.5 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.063 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018334.D

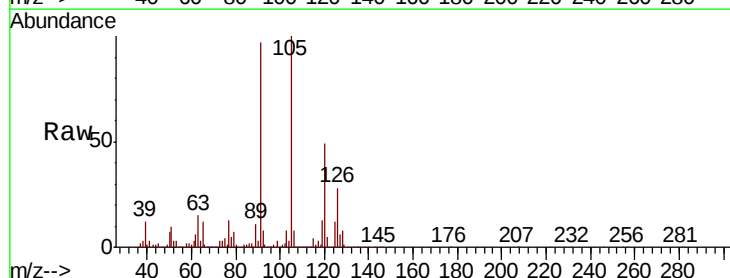
Acq: 10 Sep 2020 11:07

Tgt Ion: 91 Resp: 976838

Ion Ratio Lower Upper

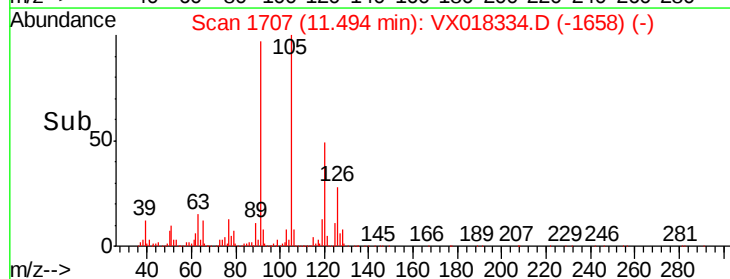
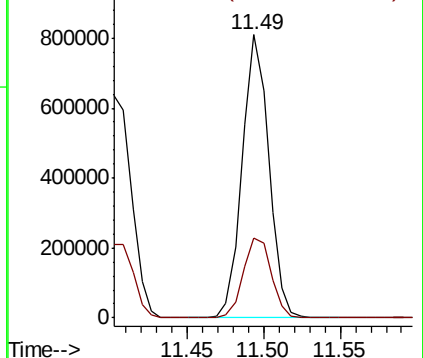
91 100

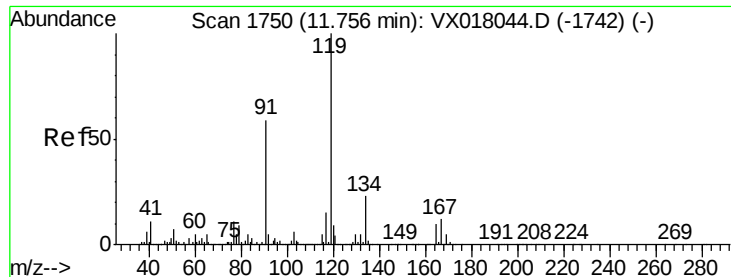
126 29.7 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.844 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

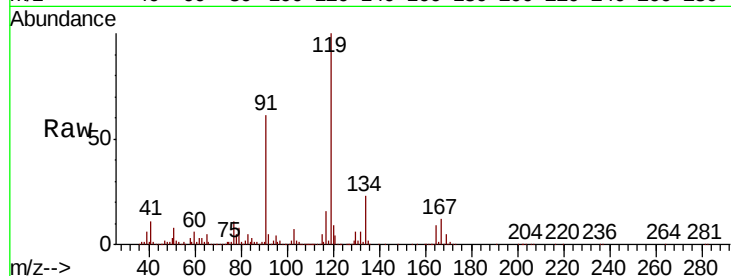
Tot Ion:119 Resp: 982403

Ion Ratio Lower Upper

119 100

91 57.5 28.2 84.7

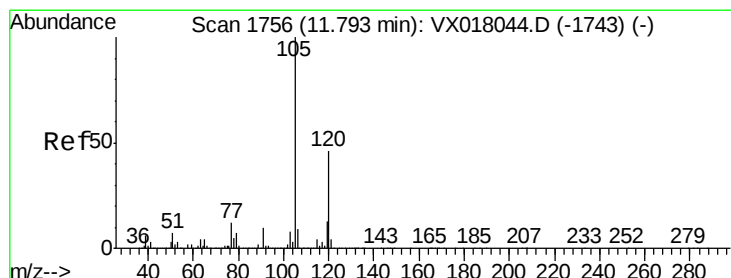
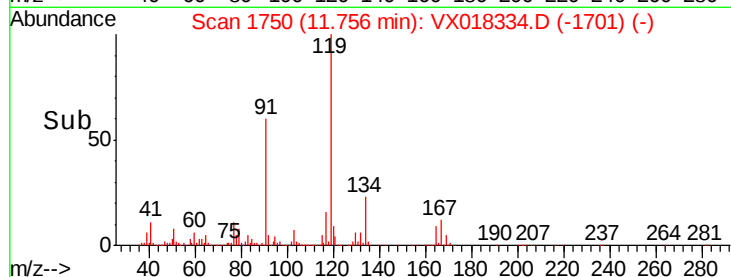
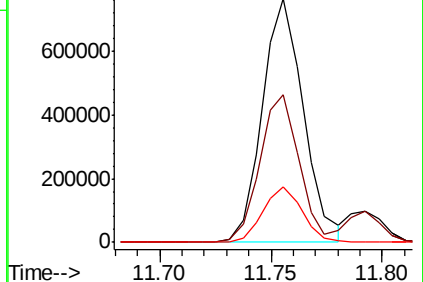
134 21.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.430 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018334.D

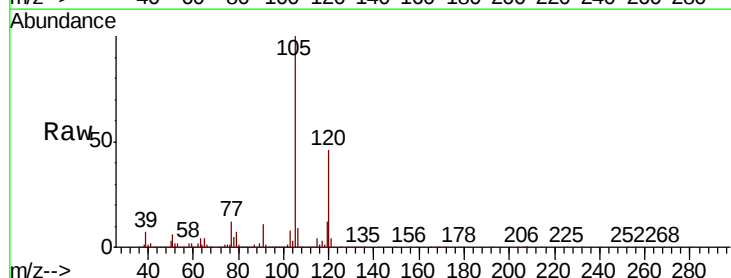
Acq: 10 Sep 2020 11:07

Tgt Ion:105 Resp: 1028828

Ion Ratio Lower Upper

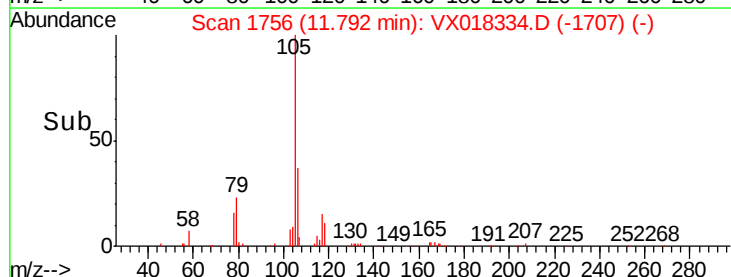
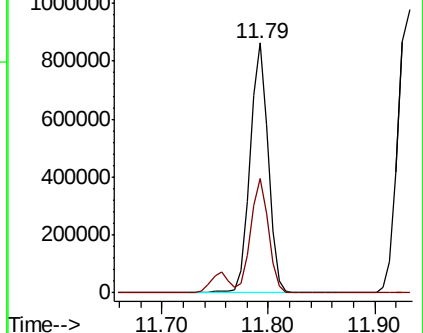
105 100

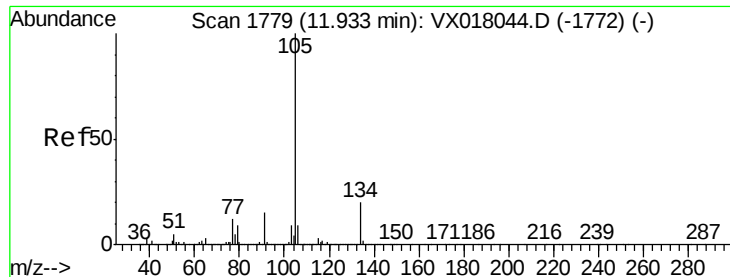
120 45.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.826 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

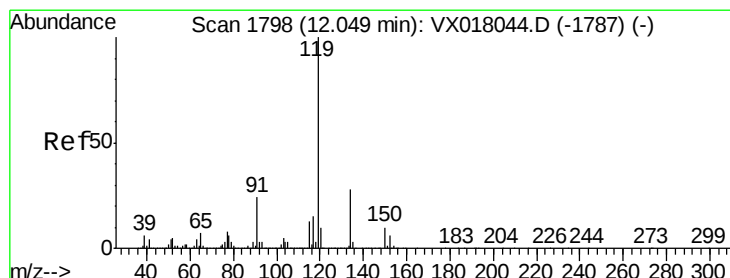
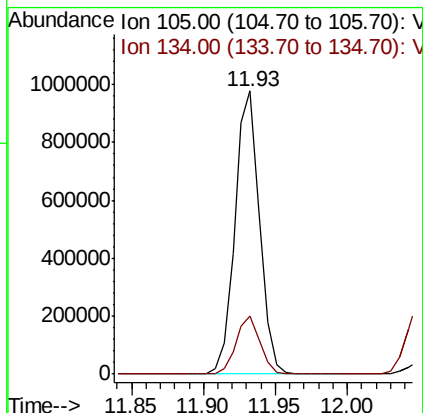
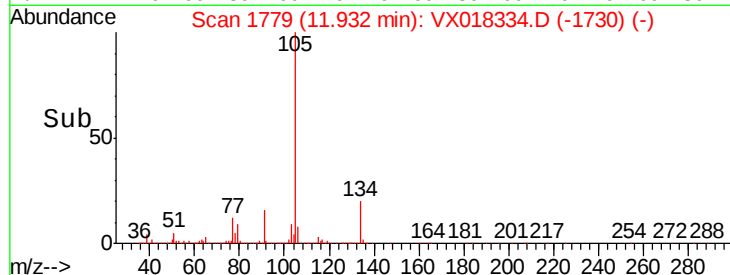
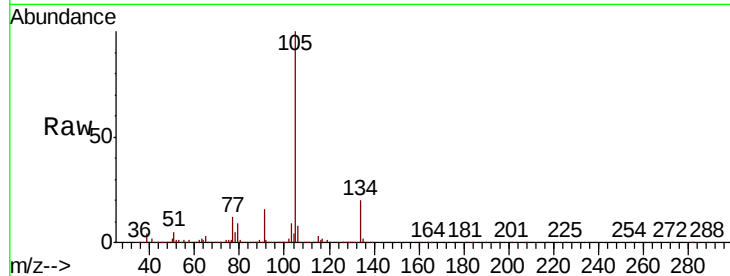
VSTDCCC050

Tot Ion:105 Resp: 1158299

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 56.267 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

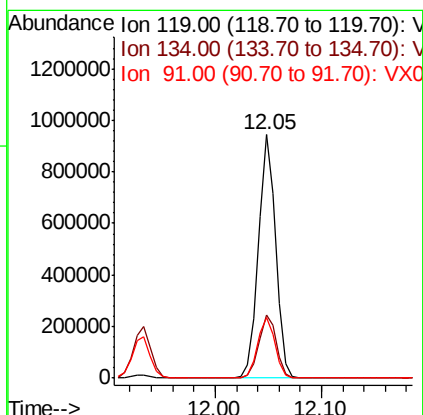
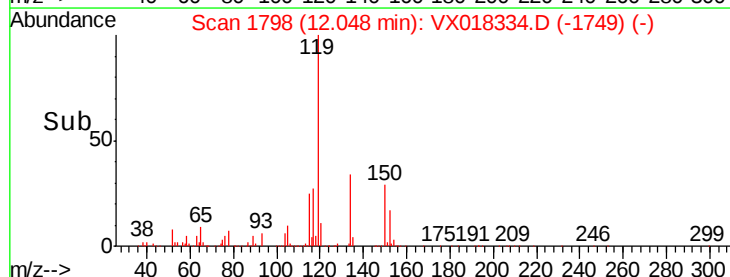
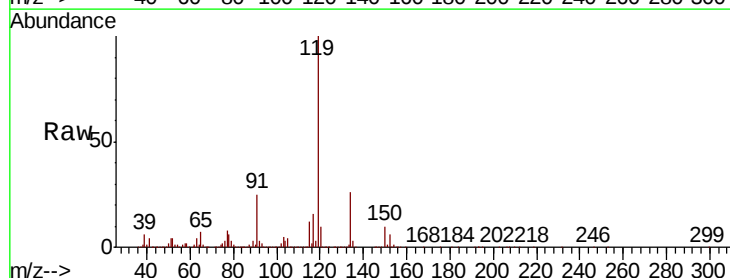
Tgt Ion:119 Resp: 1072381

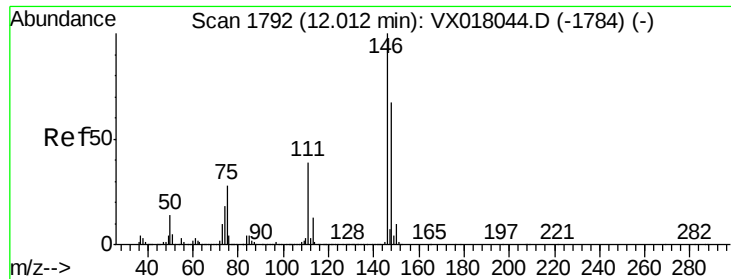
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 25.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.868 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

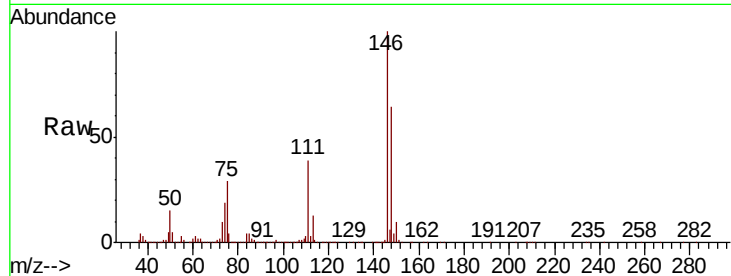
Tot Ion:146 Resp: 555419

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 65.1 33.1 99.2

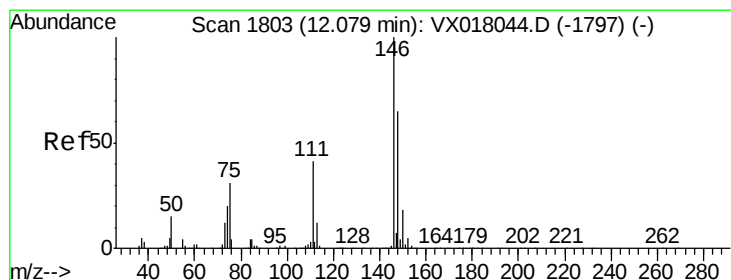
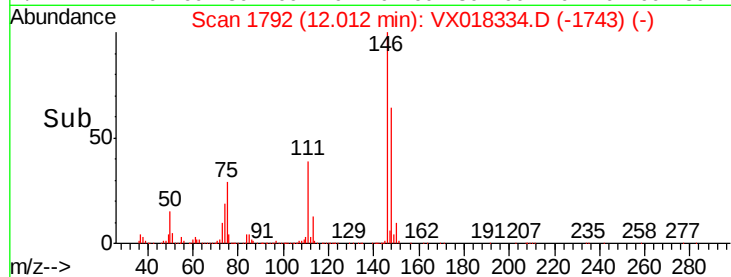
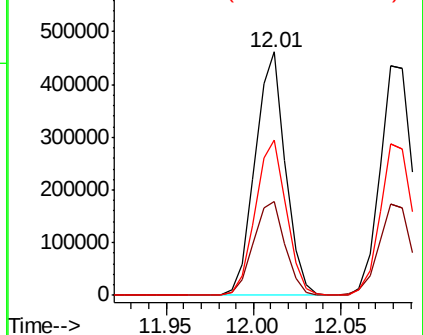


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.905 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

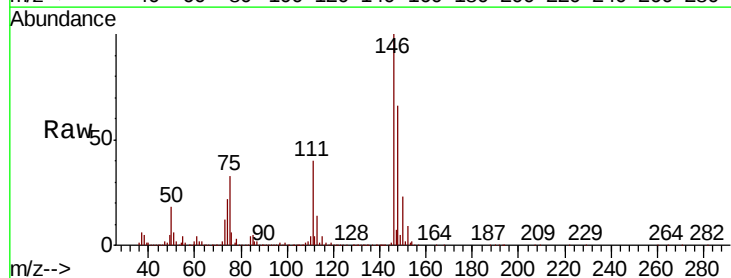
Tgt Ion:146 Resp: 556527

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.8

148 65.5 33.1 99.2

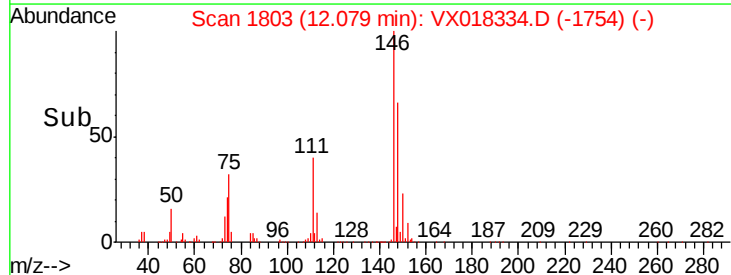
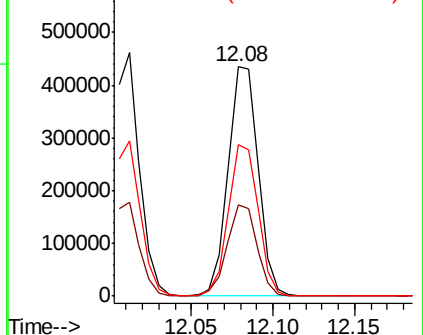


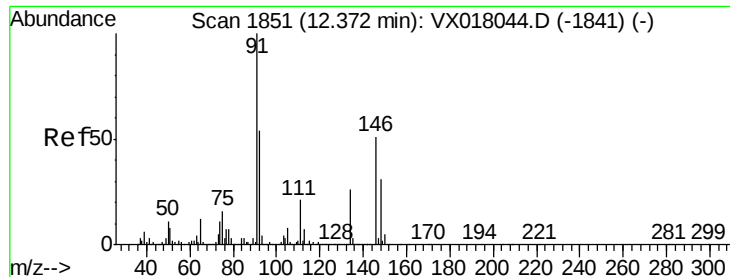
Abundance

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

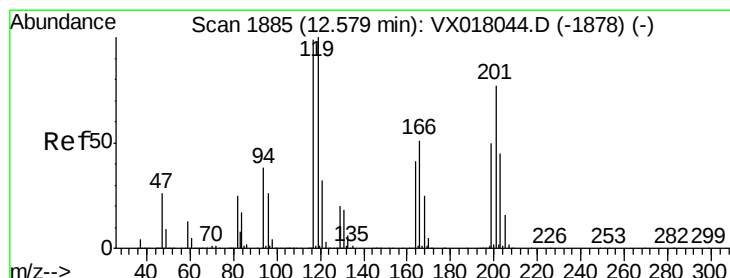
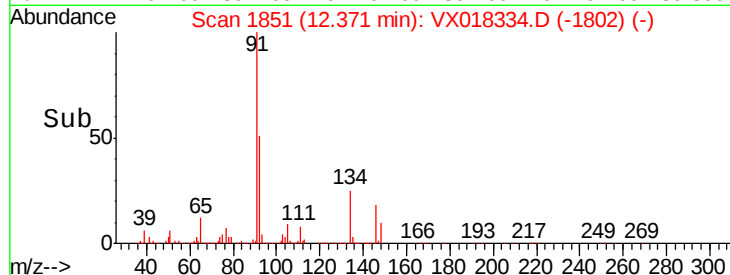
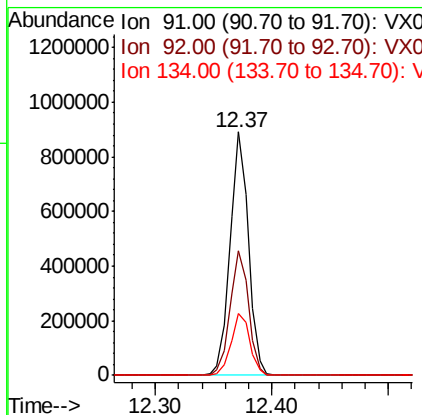
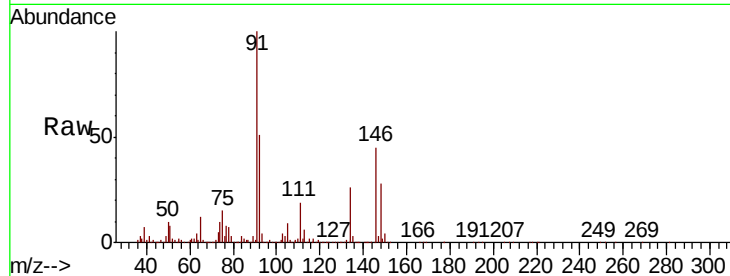




#89
n-Butylbenzene
Concen: 56.197 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

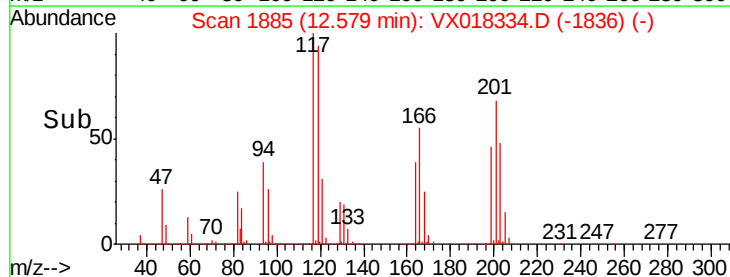
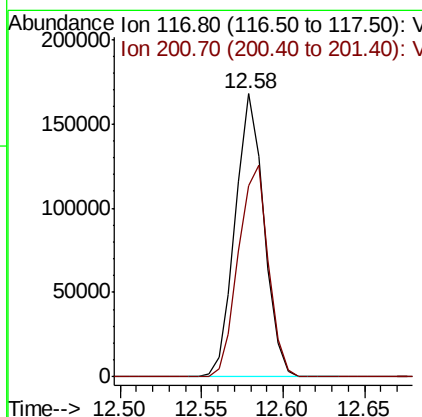
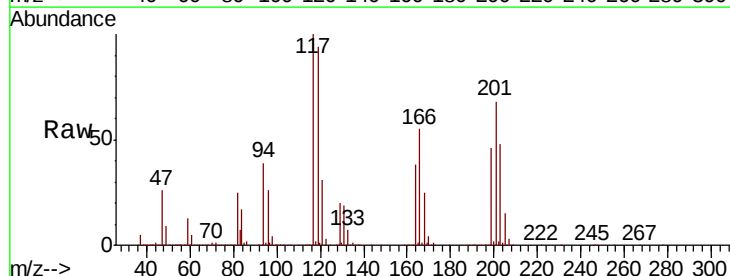
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

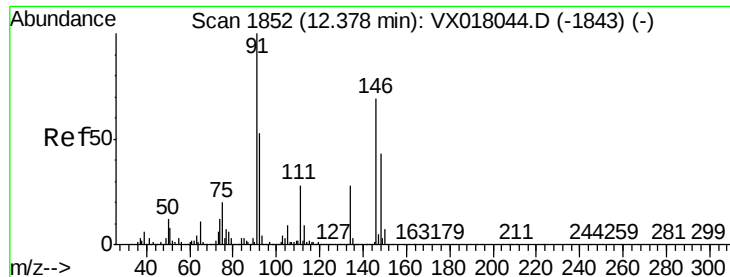
Tot Ion: 91 Resp: 977570
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.2
134 26.1 12.9 38.7



#90
Hexachloroethane
Concen: 54.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 117 Resp: 205864
Ion Ratio Lower Upper
117 100
201 78.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 52.073 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

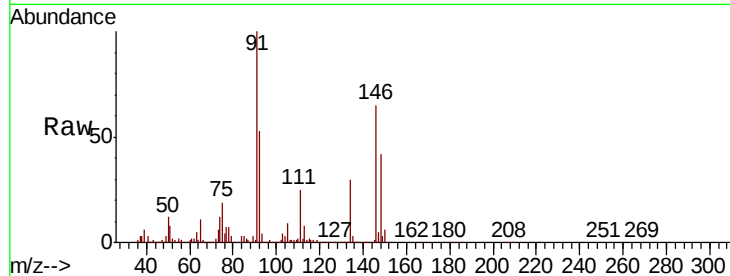
Tot Ion:146 Resp: 535213

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

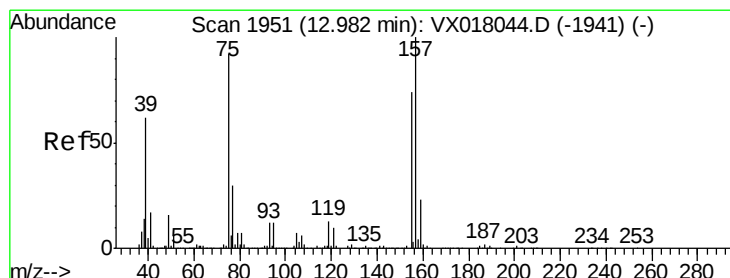
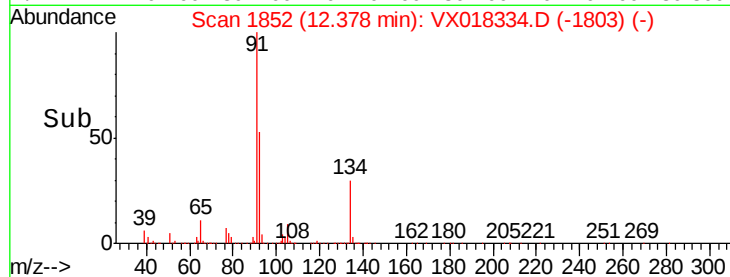
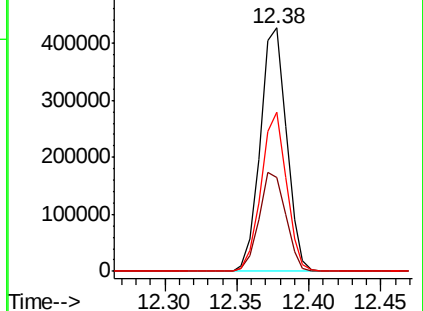
148 63.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.607 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

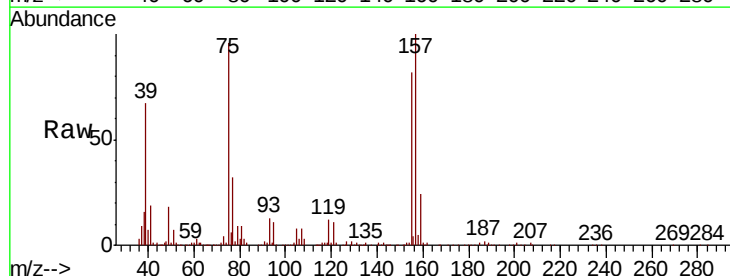
Tgt Ion: 75 Resp: 90506

Ion Ratio Lower Upper

75 100

155 84.4 40.2 120.6

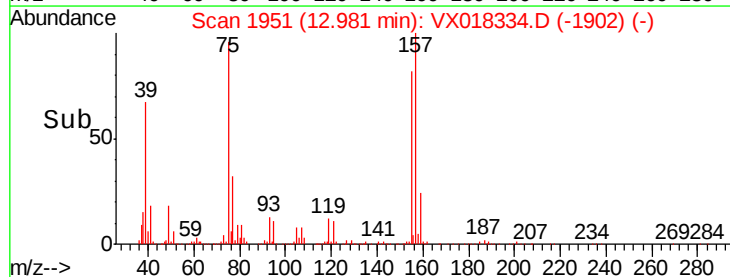
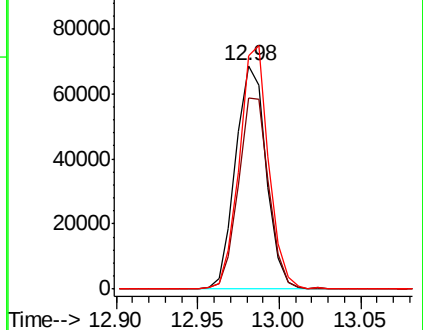
157 103.6 55.0 165.2

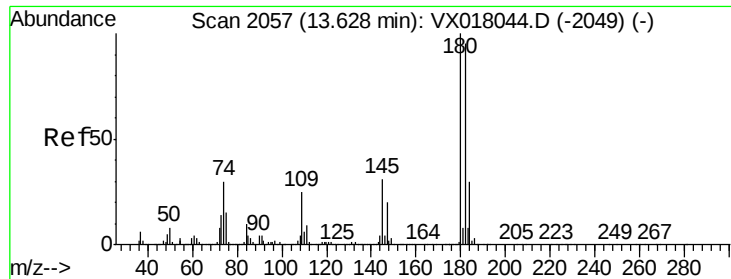


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

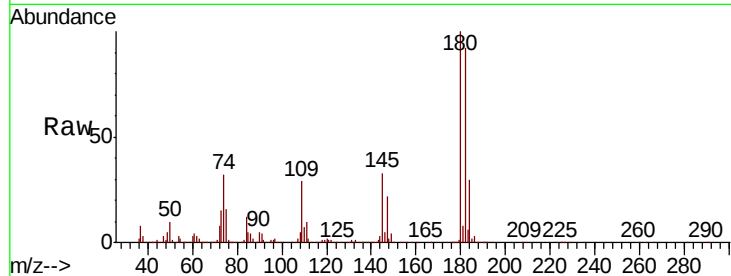




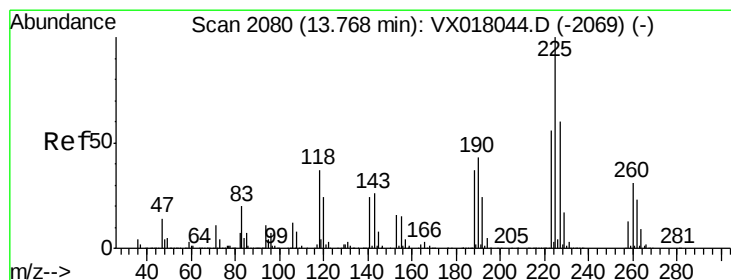
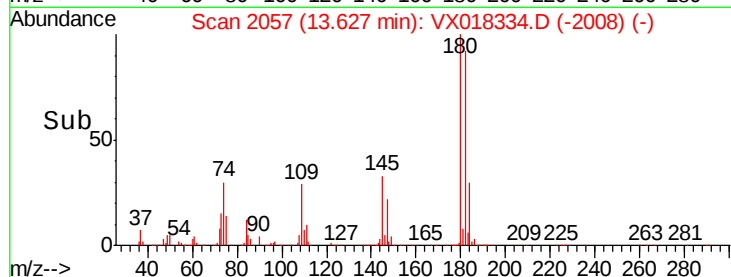
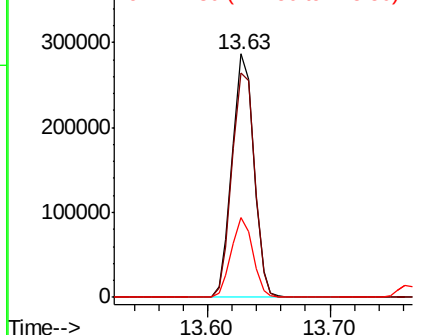
#93
 1,2,4-Trichlorobenzene
 Concen: 51.314 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	32.5	15.7	47.1

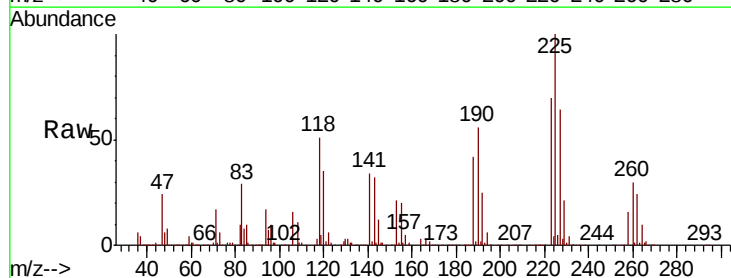


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

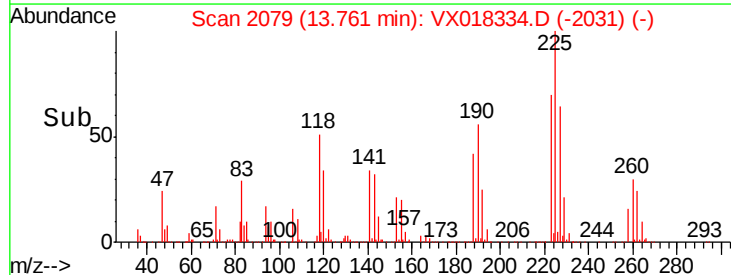
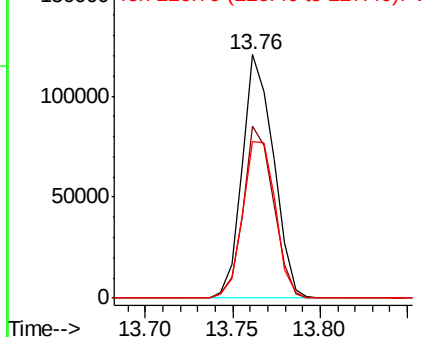


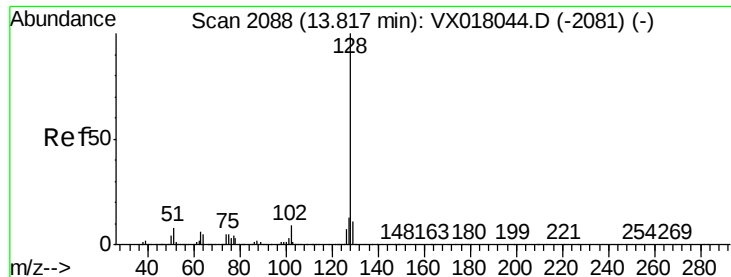
#94
 Hexachlorobutadiene
 Concen: 55.294 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.1	30.7	92.1
227	67.3	32.6	97.8



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

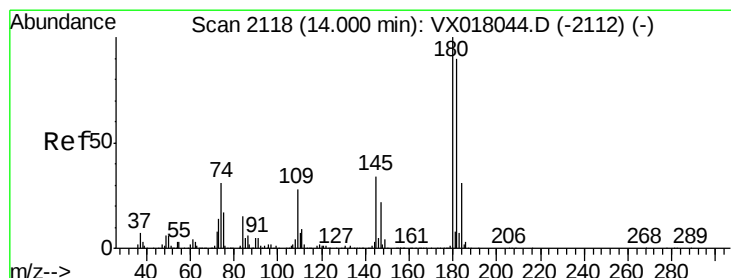
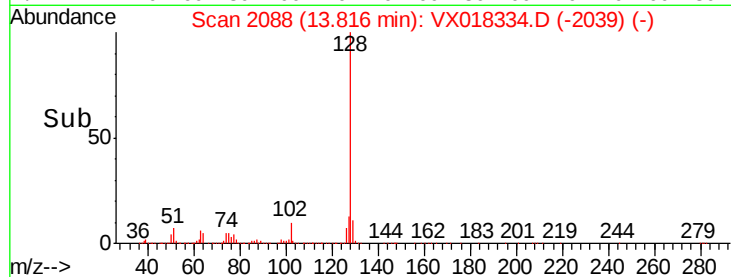
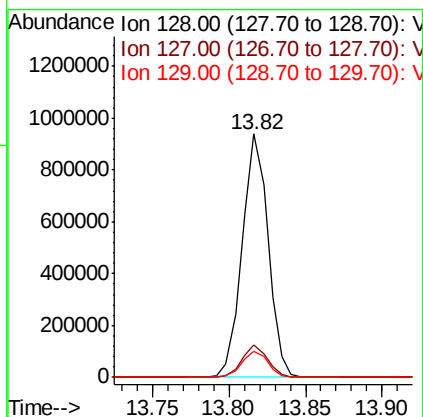
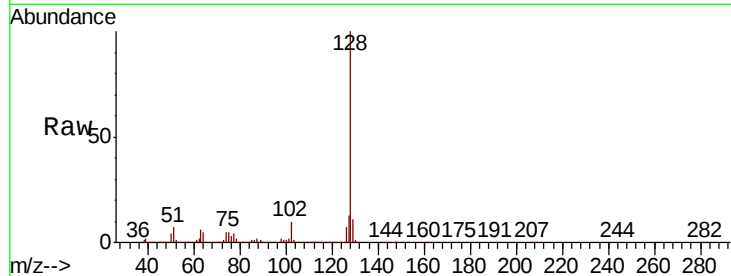




#95
Naphthalene
Concen: 49.038 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1106099
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.830 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion:180 Resp: 357770
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 32.5 17.5 52.6

