

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020320\
 Data File : VX014797.D
 Acq On : 03 Feb 2020 16:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 18:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	103381	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	630829	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	581513	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	240851	33.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.50%
60) 4-Bromofluorobenzene	11.13	95	278717	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	766051	29.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	271927	38.06	ug/l	100
3) Chloromethane	1.32	50	265894	33.99	ug/l	95
4) Vinyl Chloride	1.40	62	311448	35.46	ug/l	99
5) Bromomethane	1.63	94	194721	35.53	ug/l	99
6) Chloroethane	1.71	64	168250	33.98	ug/l	99
7) Trichlorofluoromethane	1.92	101	361977	37.22	ug/l	100
8) Diethyl Ether	2.18	74	152739	35.96	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218590	38.42	ug/l	99
10) 1,1-Dichloroethene	2.36	96	207022	36.17	ug/l	95
11) Methyl Iodide	2.50	142	287696	37.48	ug/l	99
12) Methyl Acetate	2.76	43	385775	37.31	ug/l	99
13) Acrolein	2.28	56	220663	203.20	ug/l	98
14) Acrylonitrile	3.12	53	632912	178.92	ug/l	100
15) Acetone	2.43	58	163511	137.88	ug/l	85
16) Carbon Disulfide	2.56	76	515758	32.81	ug/l	98
17) Allyl chloride	2.72	41	375758	35.48	ug/l	95
18) Methylene Chloride	2.84	84	240403	35.89	ug/l	94
19) trans-1,2-Dichloroethene	3.16	96	222023	36.04	ug/l	99
20) Diisopropyl ether	3.84	45	778722	37.16	ug/l	98
21) 1,1-Dichloroethane	3.69	63	418720	36.78	ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	257930	36.43	ug/l	97
23) tert-Butyl Alcohol	3.03	59	238809	163.23	ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	719426	37.77	ug/l	98
25) Chloroform	5.19	83	409160	37.10	ug/l	100
26) Cyclohexane	5.56	56	380866	36.27	ug/l	# 97
29) 1,1-Dichloropropene	5.78	75	310214	33.53	ug/l	100
30) 2-Butanone	4.65	43	880470	150.24	ug/l	99
31) 2,2-Dichloropropane	4.56	77	349633	35.32	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	348495	34.05	ug/l	100
33) Carbon Tetrachloride	5.77	117	305342	34.75	ug/l	96
34) Benzene	6.12	78	926183	32.40	ug/l	98
35) Methacrylonitrile	5.02	41	191614	32.74	ug/l	97
36) 1,2-Dichloroethane	6.17	62	333895	33.56	ug/l	98
37) Trichloroethene	7.20	130	258589	33.04	ug/l	95
38) Methylcyclohexane	7.45	83	395511	34.34	ug/l	99
39) 1,2-Dichloropropane	7.50	63	247310	33.27	ug/l	93
40) Dibromomethane	7.65	93	158160	33.10	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	324055	34.64	ug/l	99
42) Vinyl Acetate	3.80	43	3065470	169.71	ug/l	99
43) Ethyl Acetate	4.81	43	336959	31.76	ug/l	100
44) Isopropyl Acetate	6.43	43	566306	33.09	ug/l	100
45) 1,4-Dioxane	7.73	88	99697	582.35	ug/l	98
46) Methyl methacrylate	7.76	41	280763	33.36	ug/l	98
47) n-amyl Acetate	10.89	43	500069	34.87	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	361430	35.38	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	395736	34.38	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	243380	33.48	ug/l	98
51) Ethyl methacrylate	9.17	69	382717	33.81	ug/l	98
52) 1,3-Dichloropropane	9.36	76	410168	33.30	ug/l	99
53) Dibromochloromethane	9.57	129	262989	35.37	ug/l	99
54) 1,2-Dibromoethane	9.67	107	250976	33.29	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	657869	126.46	ug/l	100
56) Bromoform	10.85	173	204793	35.76	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	1775850	162.17	ug/l	99
59) 2-Hexanone	9.48	43	1356959	160.22	ug/l	99
61) Tetrachloroethene	9.33	164	274116	31.89	ug/l	95
62) Toluene	8.78	91	1017911	32.99	ug/l	100
64) Chlorobenzene	10.13	112	646492	33.57	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	242348	34.07	ug/l	100
66) Ethyl Benzene	10.25	91	1149590	34.21	ug/l	99
67) m/p-Xylenes	10.35	106	872949	67.82	ug/l	99
68) o-Xylene	10.69	106	421960	33.66	ug/l	100
69) Styrene	10.70	104	725245	34.15	ug/l	99
70) Isopropylbenzene	11.01	105	1137433	34.64	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	363705	32.88	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	426952	45.12	ug/l	95
73) Bromobenzene	11.25	156	292458	33.60	ug/l	98
74) n-propylbenzene	11.35	91	1318629	35.14	ug/l	99
75) 2-Chlorotoluene	11.42	91	762126	33.89	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	959462	35.07	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	128392	35.26	ug/l	90
78) 4-Chlorotoluene	11.50	91	879064	34.42	ug/l	98
79) tert-butylbenzene	11.76	119	915211	35.75	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	953312	34.93	ug/l	100
81) sec-Butylbenzene	11.94	105	1122317	35.43	ug/l	99
82) p-Isopropyltoluene	12.06	119	1036252	35.83	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	520920	34.27	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	523530	34.74	ug/l	99
85) n-Butylbenzene	12.39	91	909239	35.93	ug/l	100
86) Hexachloroethane	12.59	117	186327	35.93	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	520282	33.93	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	79822	33.78	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	359979	35.56	ug/l	99
90) Hexachlorobutadiene	13.78	225	185660	36.71	ug/l	97
91) Naphthalene	13.83	128	1074069	35.15	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	368116	35.73	ug/l	99

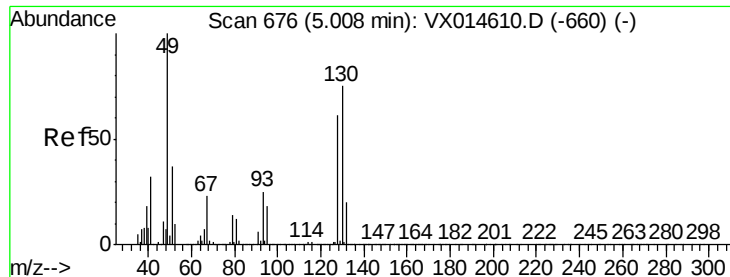
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

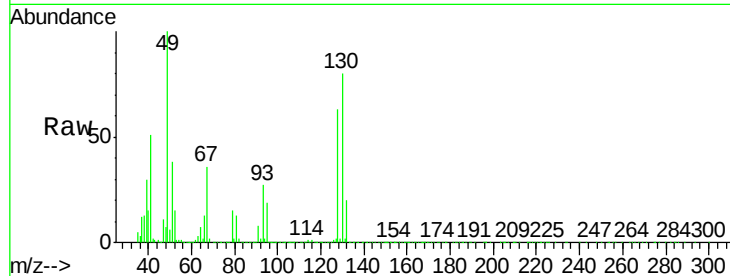
Tgt Ion:128 Resp: 103381

Ion Ratio Lower Upper

128 100

49 162.2 0.0 405.0

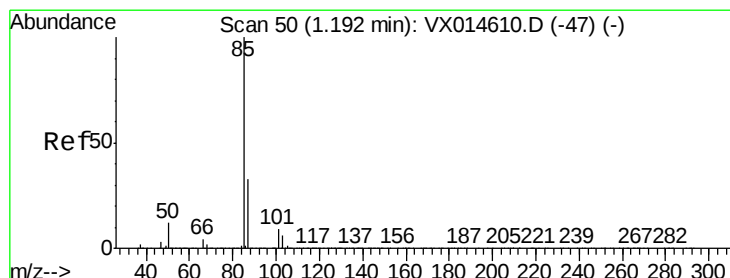
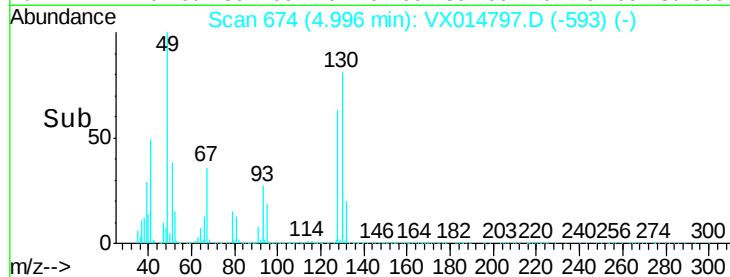
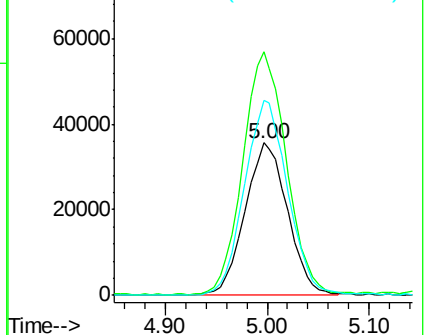
130 129.0 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 38.06 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014797.D

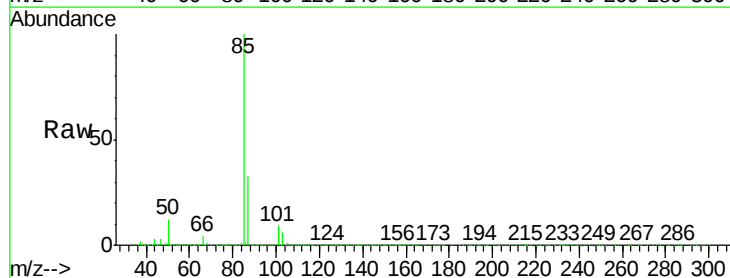
Acq: 03 Feb 2020 16:55

Tgt Ion: 85 Resp: 271927

Ion Ratio Lower Upper

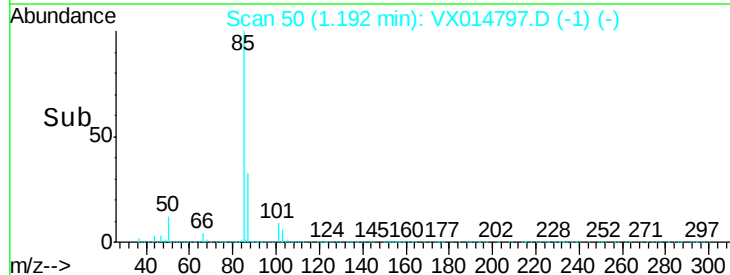
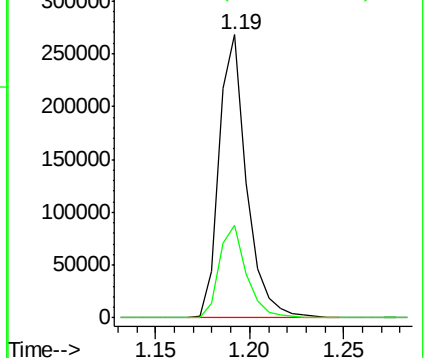
85 100

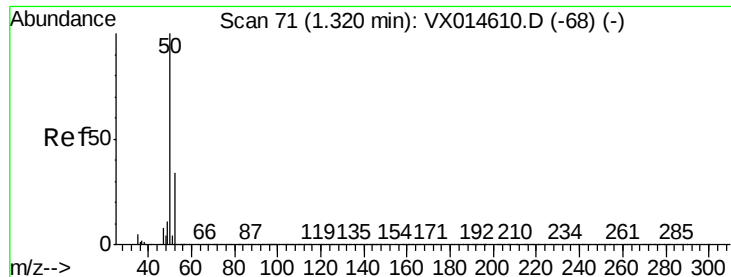
87 32.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

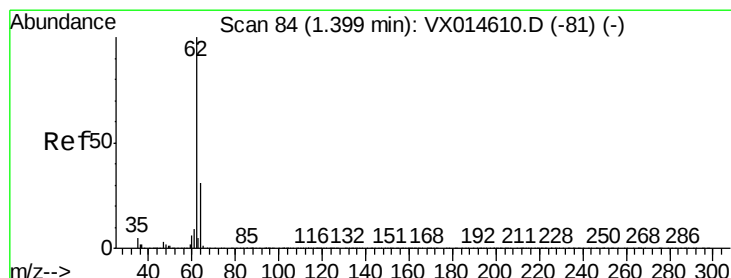
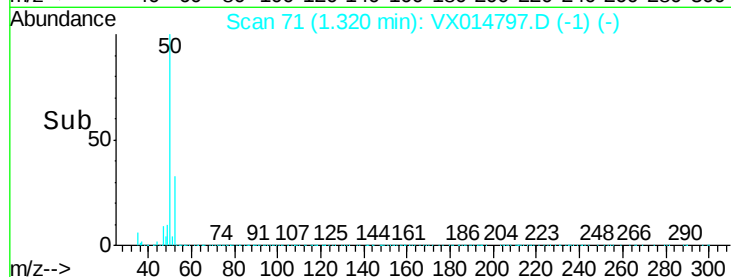
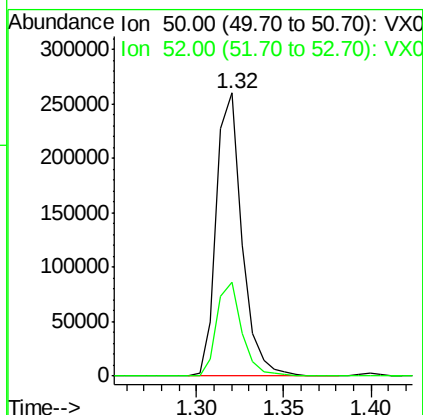
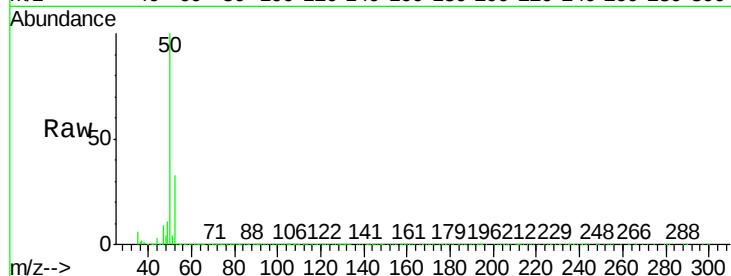




#3
Chloromethane
Concen: 33.99 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

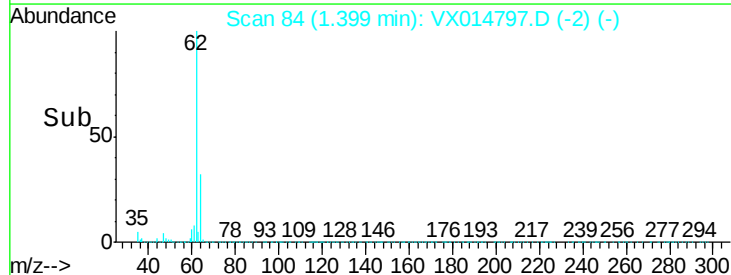
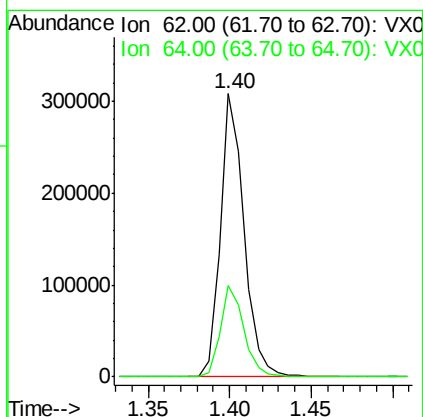
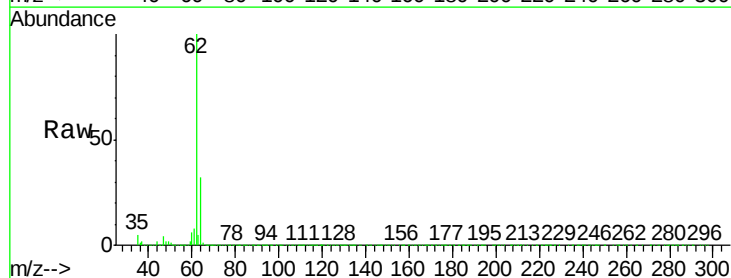
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

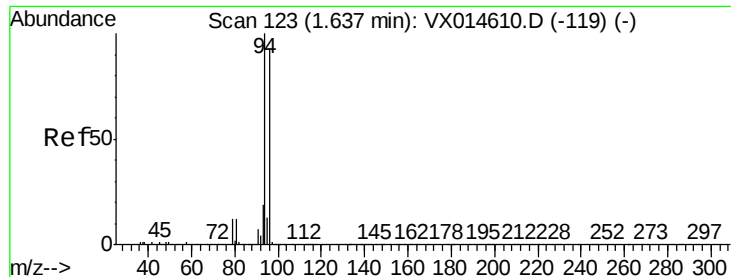
Tgt Ion: 50 Resp: 265894
Ion Ratio Lower Upper
50 100
52 33.2 24.3 36.5



#4
Vinyl Chloride
Concen: 35.46 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion: 62 Resp: 311448
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8





#5

Bromomethane

Concen: 35.53 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

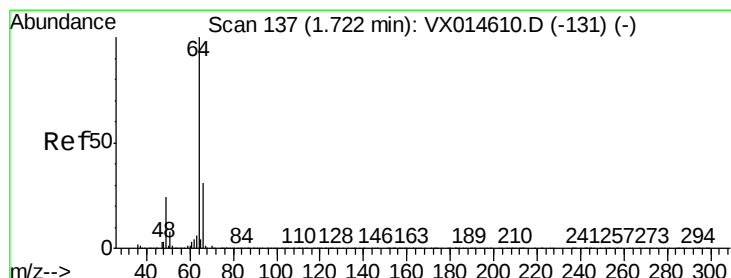
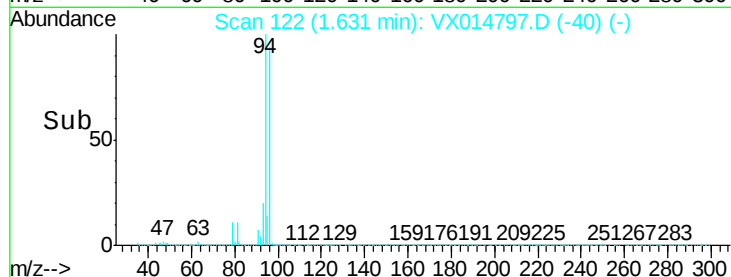
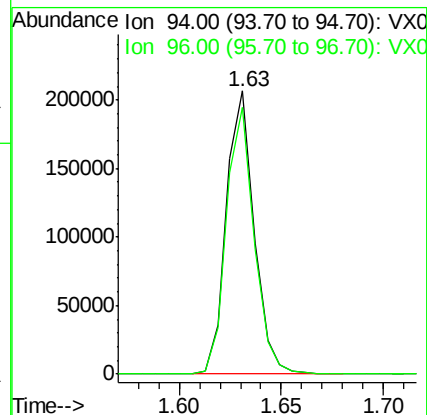
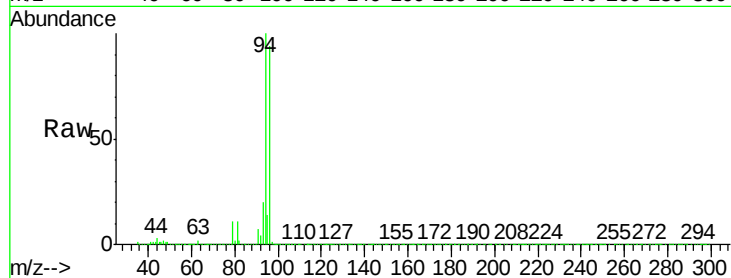
VSTDCCC050EC

Tgt Ion: 94 Resp: 194721

Ion Ratio Lower Upper

94 100

96 94.4 74.4 111.6



#6

Chloroethane

Concen: 33.98 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014797.D

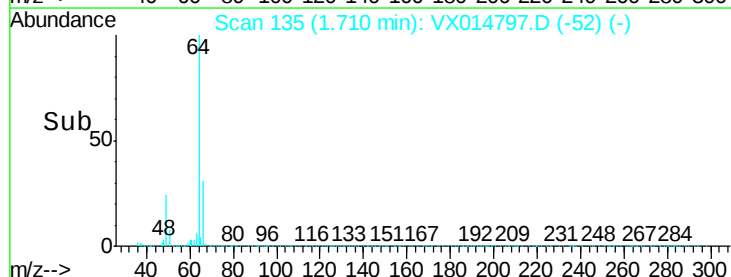
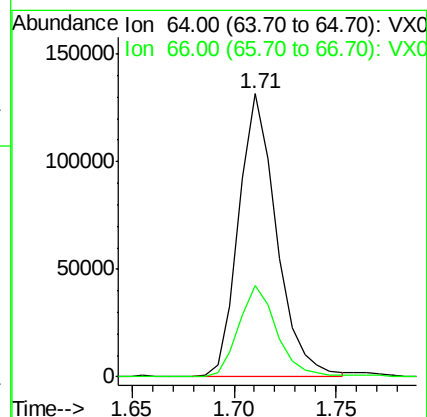
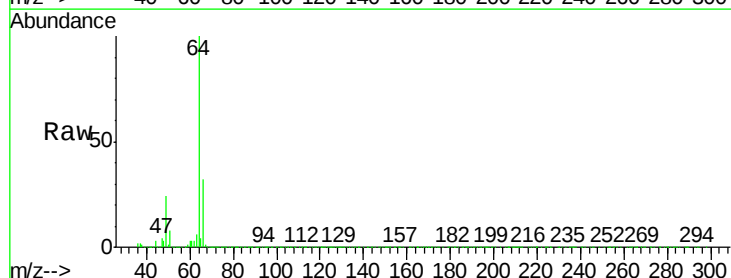
Acq: 03 Feb 2020 16:55

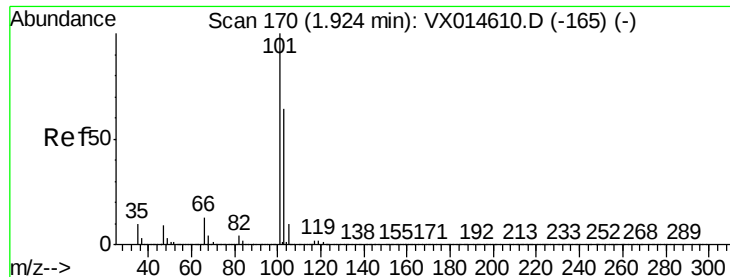
Tgt Ion: 64 Resp: 168250

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

Trichlorofluoromethane

Concen: 37.22 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

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ClientSampleId :

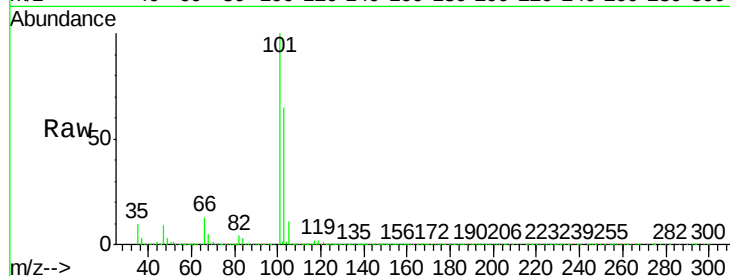
VSTDCCC050EC

Tgt Ion:101 Resp: 361977

Ion Ratio Lower Upper

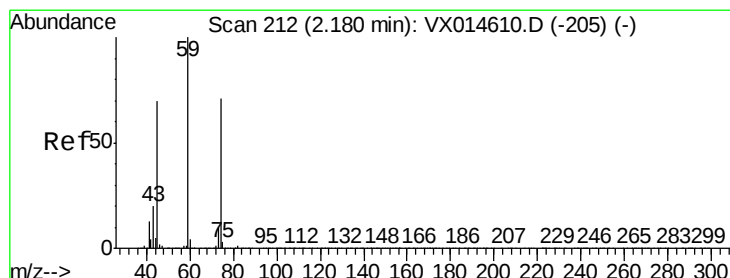
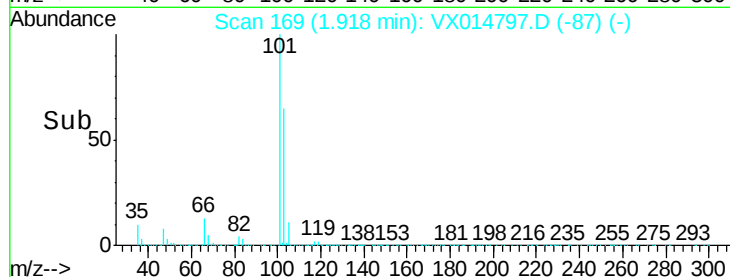
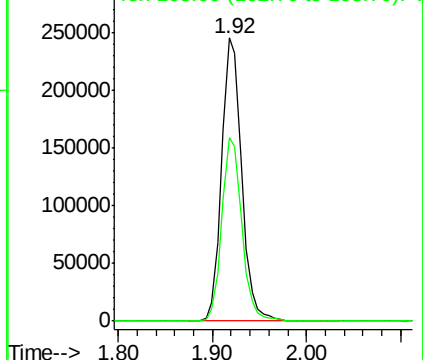
101 100

103 64.8 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 35.96 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014797.D

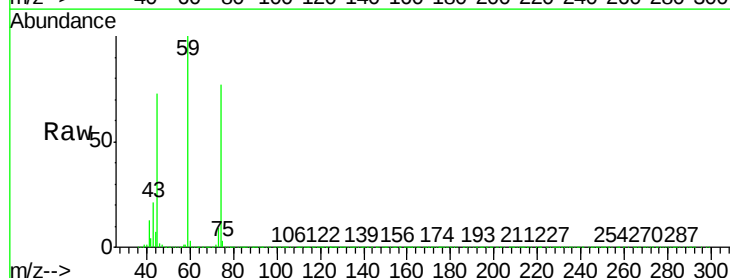
Acq: 03 Feb 2020 16:55

Tgt Ion: 74 Resp: 152739

Ion Ratio Lower Upper

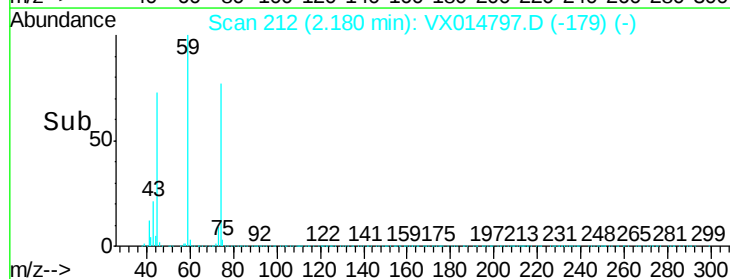
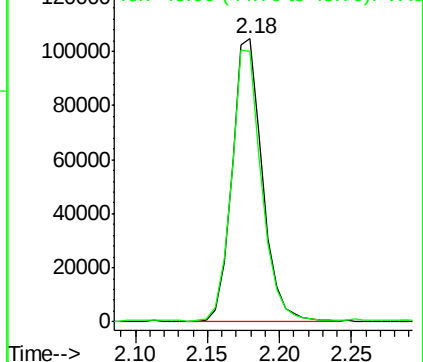
74 100

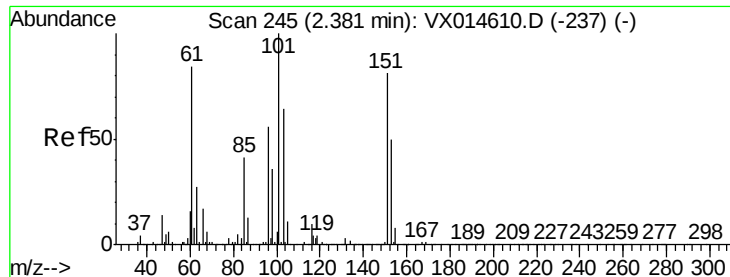
45 96.0 20.6 185.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.42 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

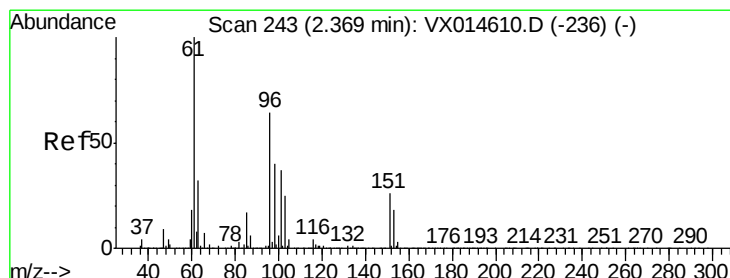
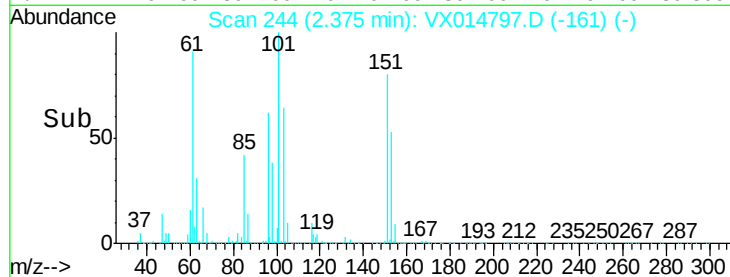
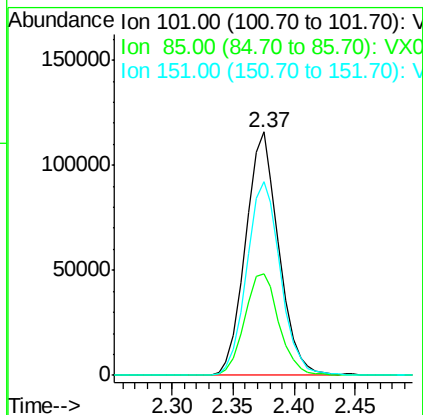
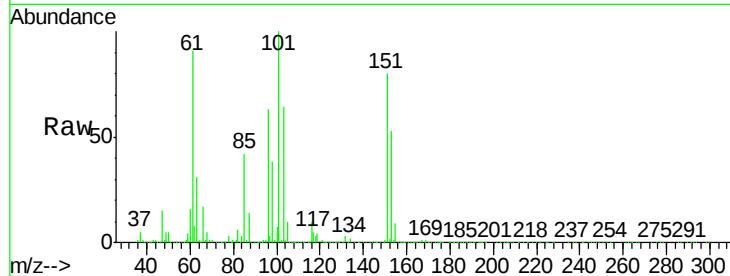
Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	218590
Ion	Ratio	Lower	Upper
101	100		
85	43.5	0.0	85.6
151	81.2	0.0	159.4



#10

1,1-Dichloroethene

Concen: 36.17 ug/l

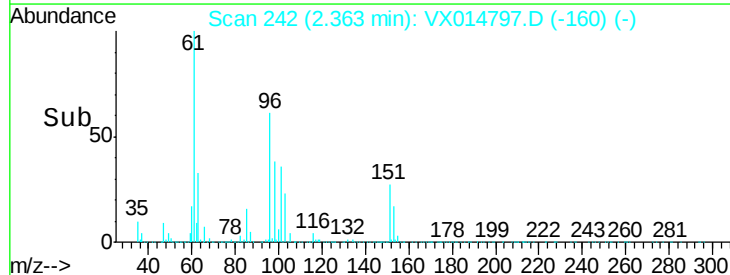
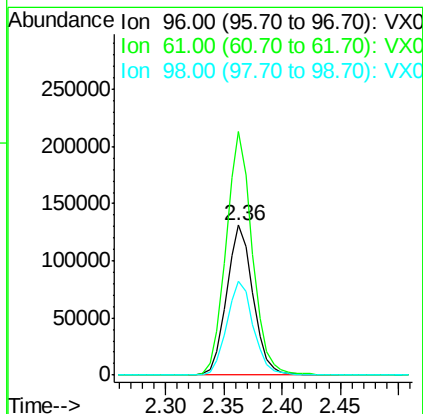
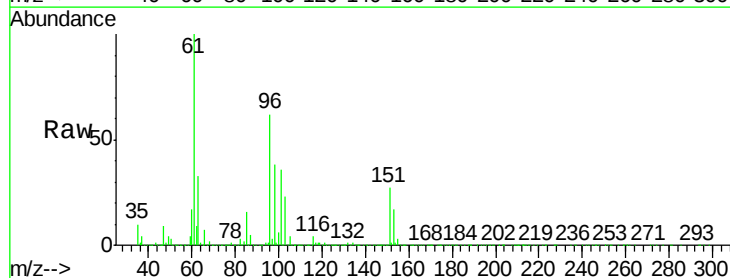
RT: 2.36 min Scan# 242

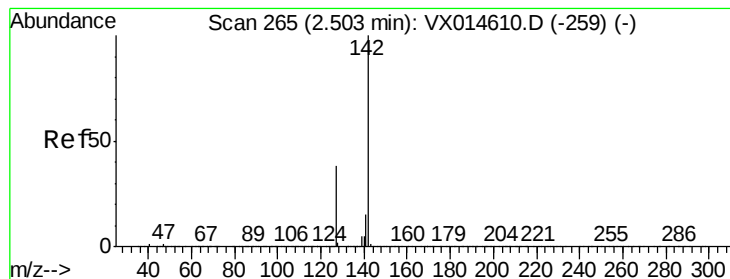
Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Tgt Ion:	96	Resp:	207022
Ion	Ratio	Lower	Upper
96	100		
61	162.5	123.0	184.6
98	62.3	51.4	77.0





#11

Methyl Iodide

Concen: 37.48 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

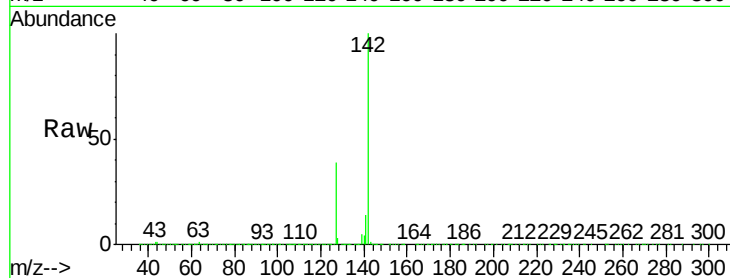
Tgt Ion:142 Resp: 287696

Ion Ratio Lower Upper

142 100

127 38.5 19.5 58.5

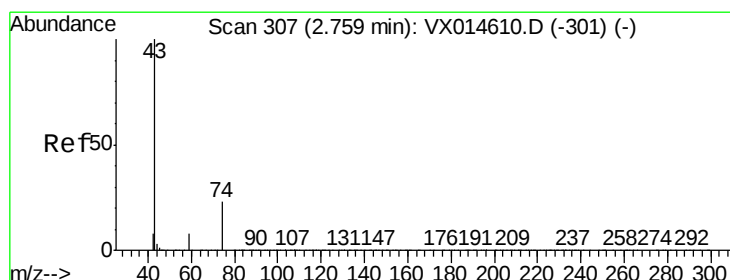
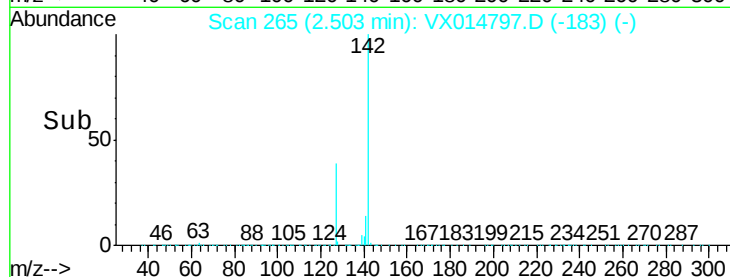
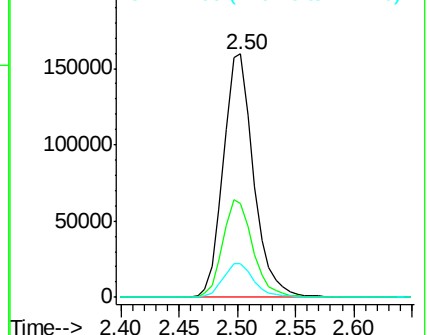
141 13.7 7.0 20.9



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 37.31 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014797.D

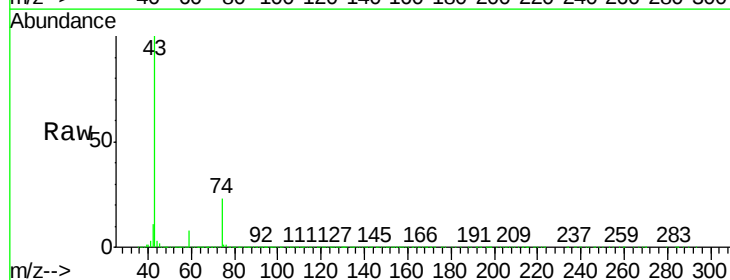
Acq: 03 Feb 2020 16:55

Tgt Ion: 43 Resp: 385775

Ion Ratio Lower Upper

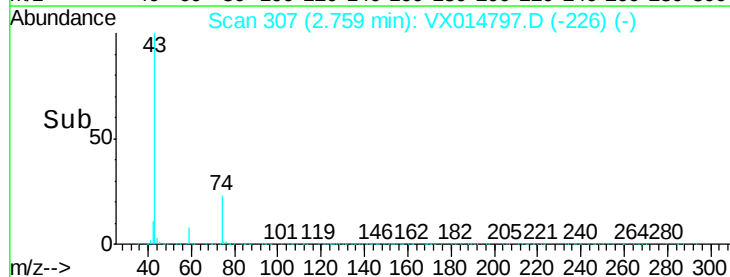
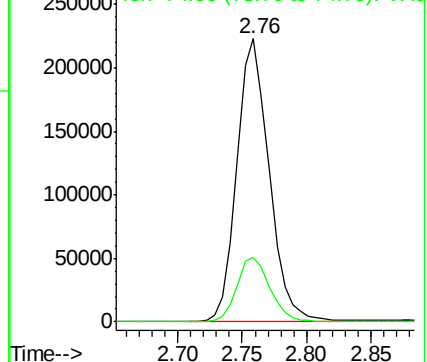
43 100

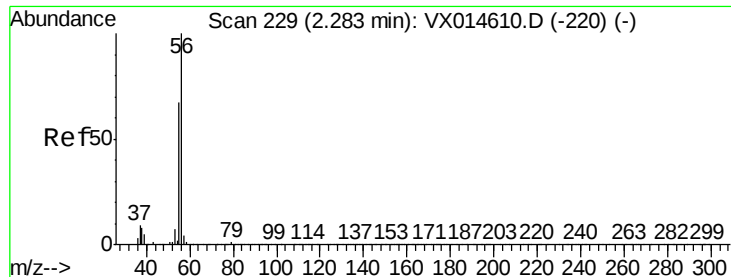
74 22.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 203.20 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

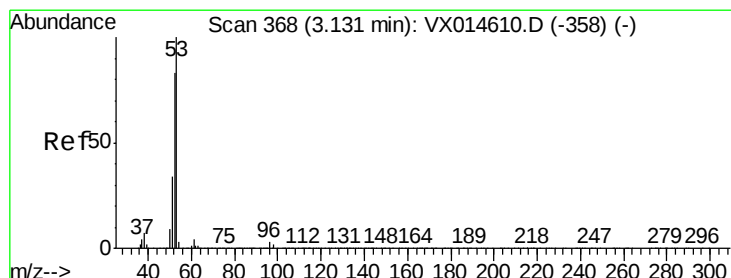
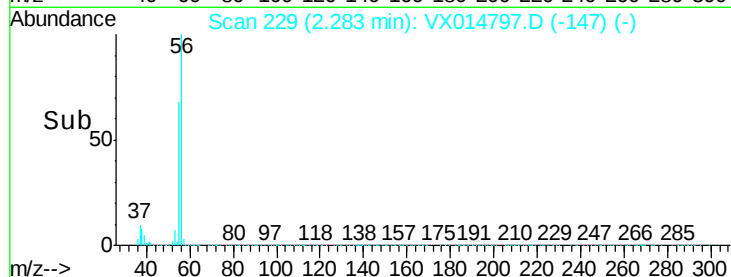
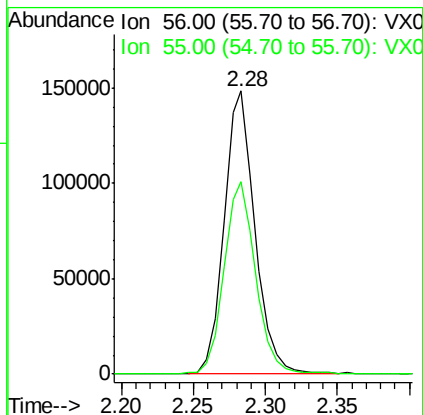
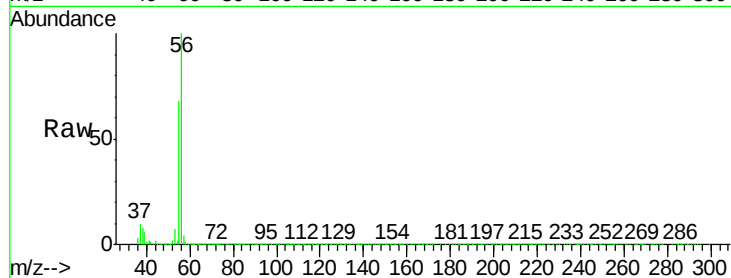
VSTDCCC050EC

Tgt Ion: 56 Resp: 220663

Ion Ratio Lower Upper

56 100

55 70.0 54.9 82.3



#14

Acrylonitrile

Concen: 178.92 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

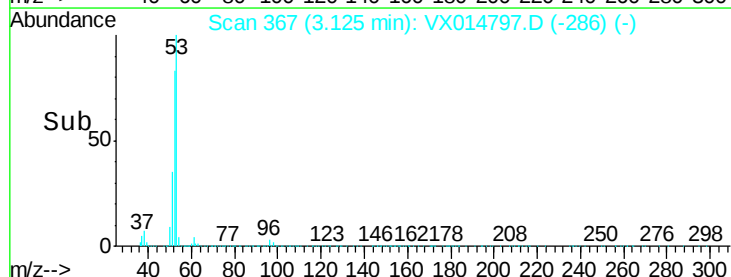
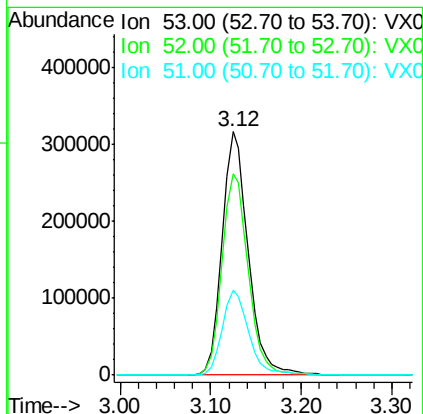
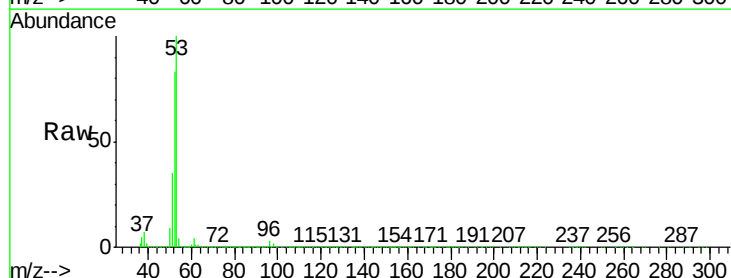
Tgt Ion: 53 Resp: 632912

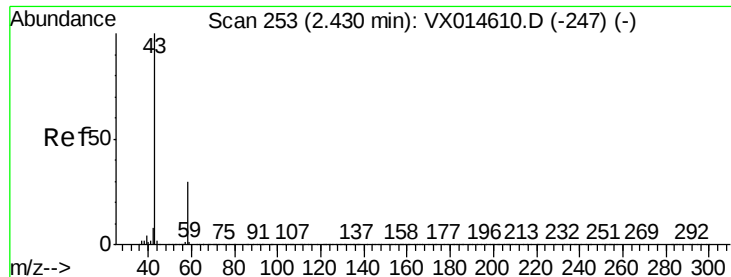
Ion Ratio Lower Upper

53 100

52 83.4 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 137.88 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

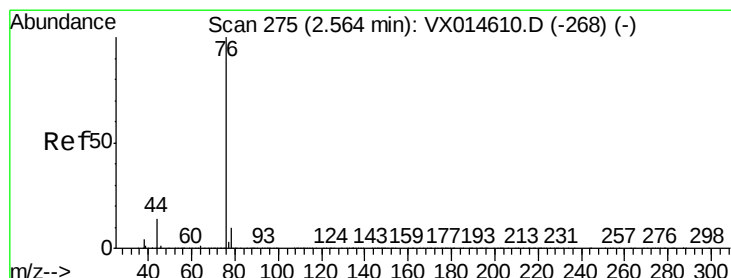
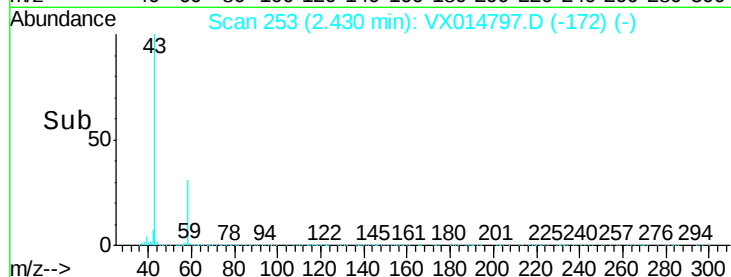
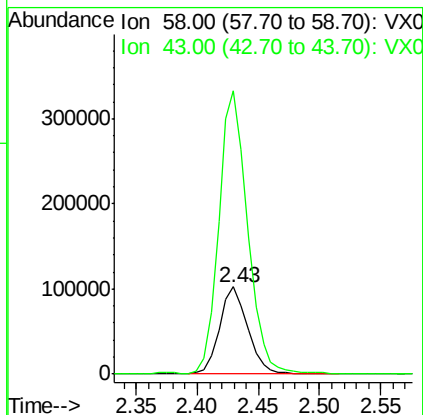
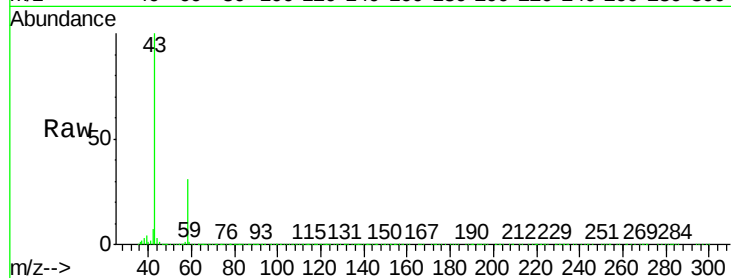
VSTDCCC050EC

Tgt Ion: 58 Resp: 163511

Ion Ratio Lower Upper

58 100

43 325.2 236.3 354.5



#16

Carbon Disulfide

Concen: 32.81 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014797.D

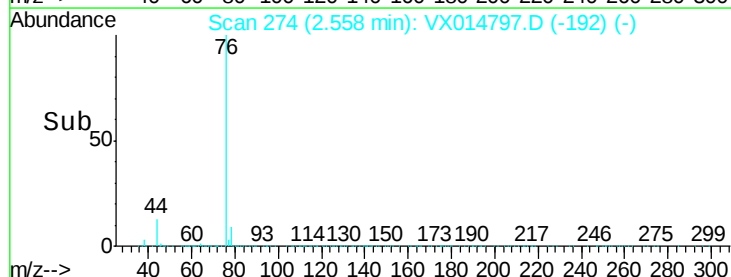
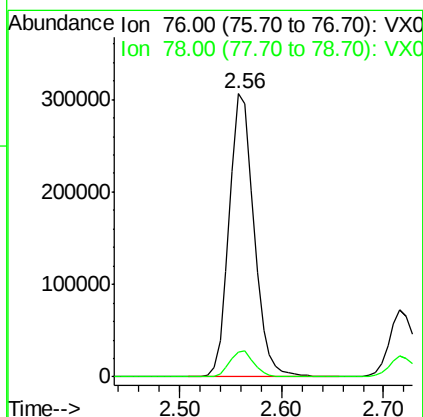
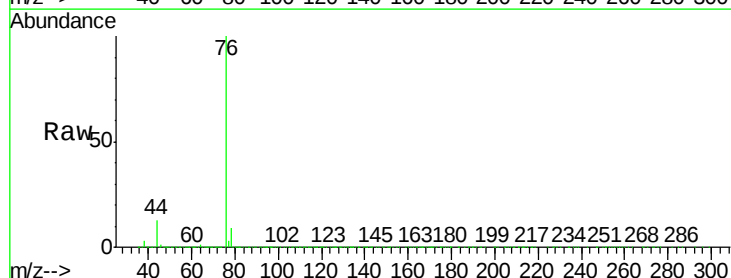
Acq: 03 Feb 2020 16:55

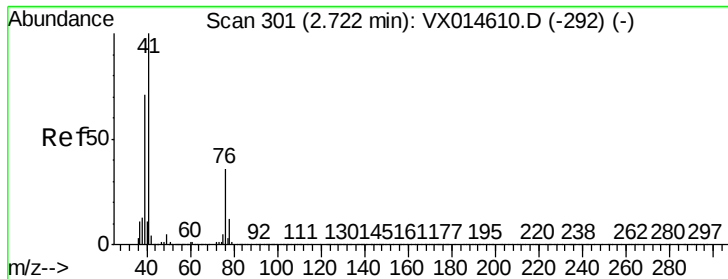
Tgt Ion: 76 Resp: 515758

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.8

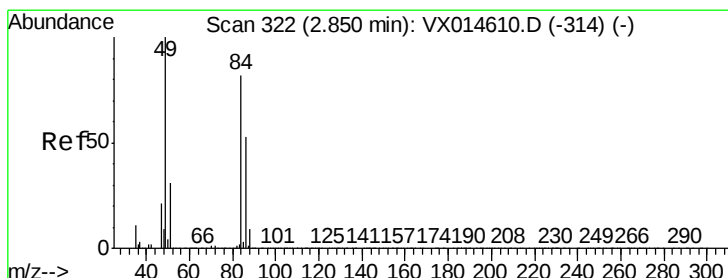
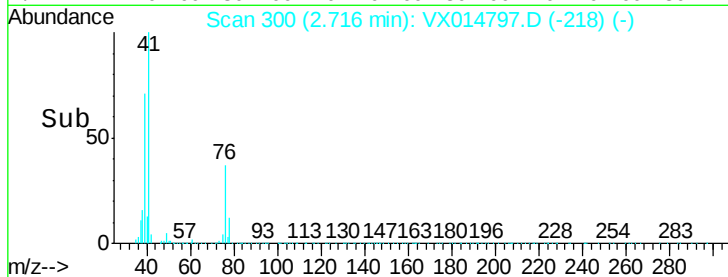
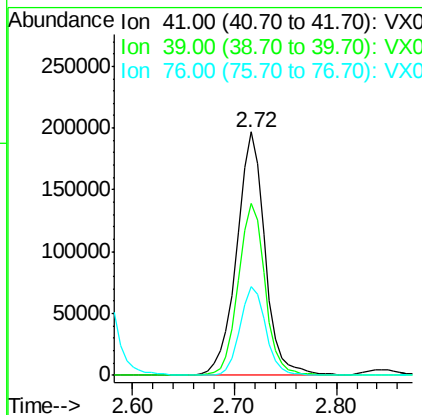
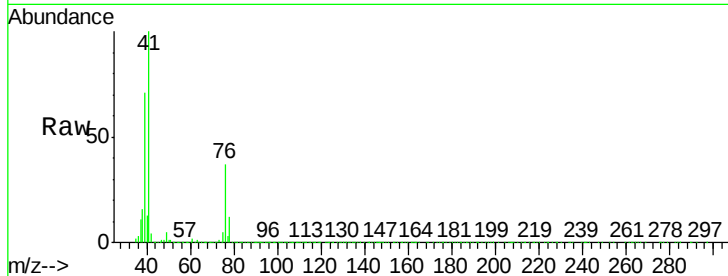




#17
 Allyl chloride
 Concen: 35.48 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

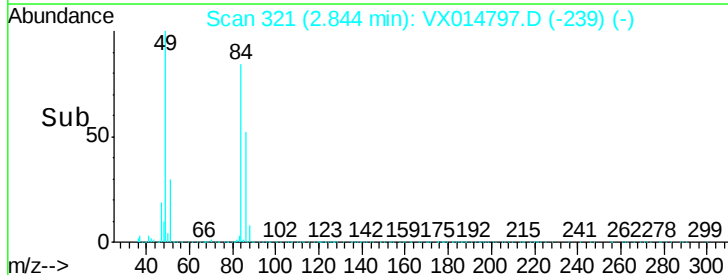
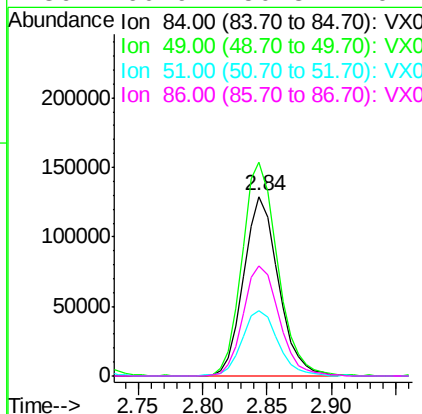
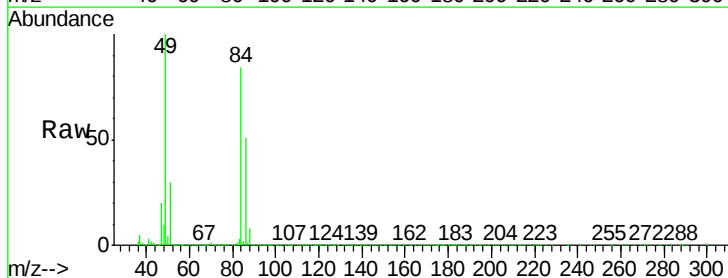
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

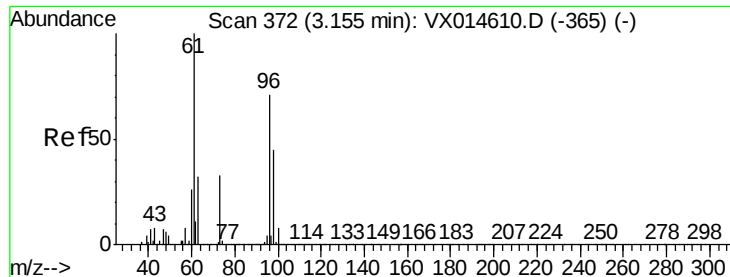
Tgt Ion:	41	Resp:	375758
Ion	Ratio	Lower	Upper
41	100		
39	70.6	33.4	100.2
76	36.4	17.0	50.9



#18
 Methylene Chloride
 Concen: 35.89 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion:	84	Resp:	240403
Ion	Ratio	Lower	Upper
84	100		
49	118.8	102.2	153.2
51	35.8	31.4	47.0
86	60.9	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 36.04 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

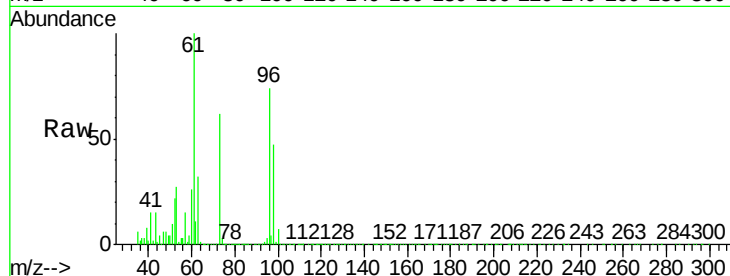
Tgt Ion: 96 Resp: 222023

Ion Ratio Lower Upper

96 100

61 134.8 106.6 159.8

98 63.6 51.6 77.4

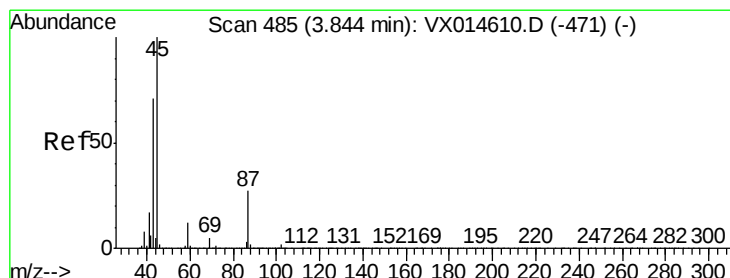
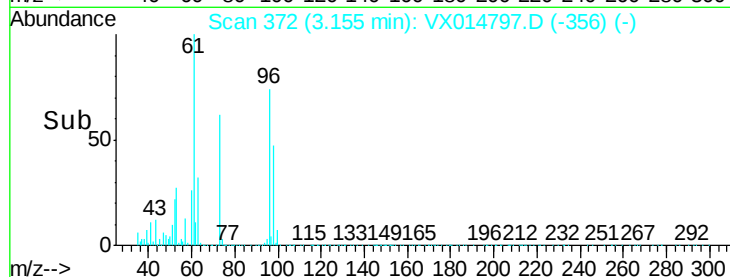
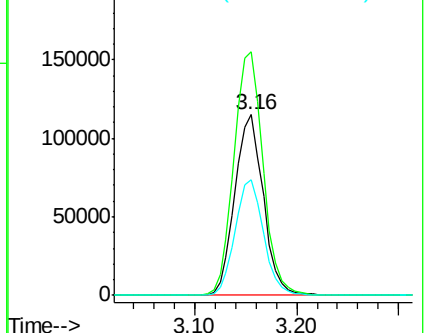


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 37.16 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Tgt Ion: 45 Resp: 778722

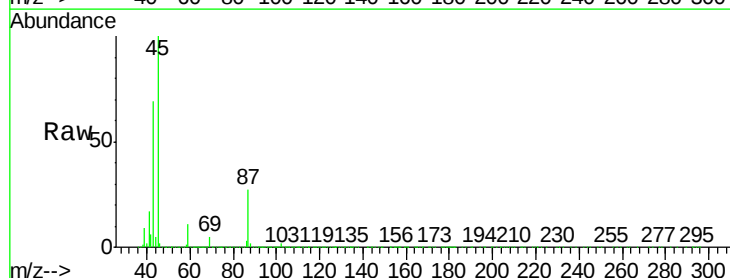
Ion Ratio Lower Upper

45 100

43 68.0 55.9 83.9

87 26.8 22.2 33.2

59 11.2 8.6 13.0



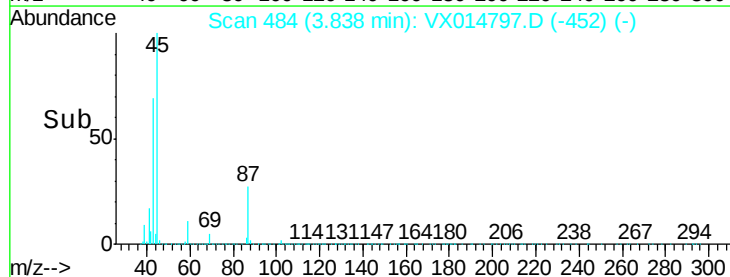
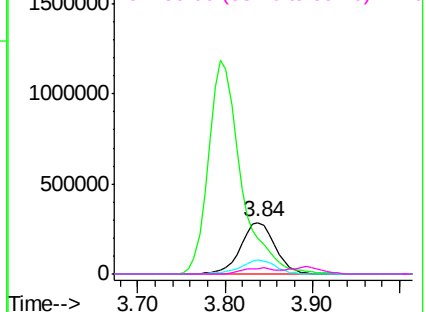
Abundance

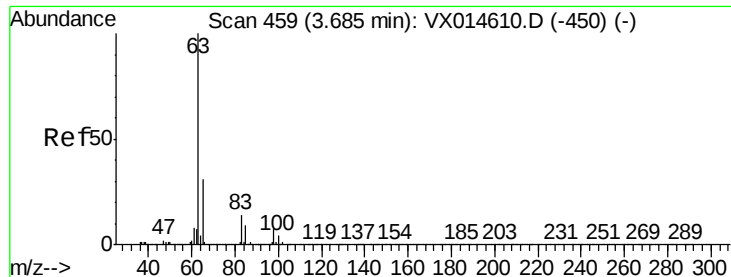
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 36.78 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

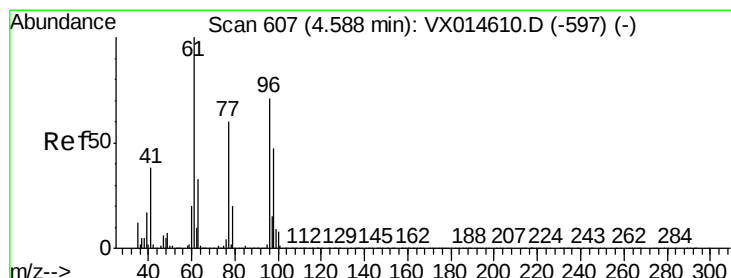
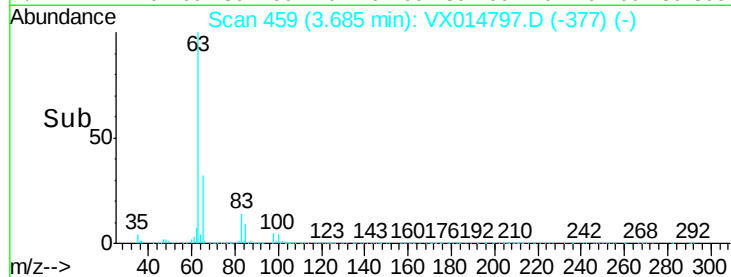
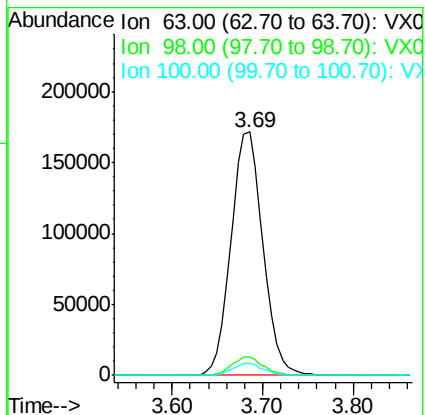
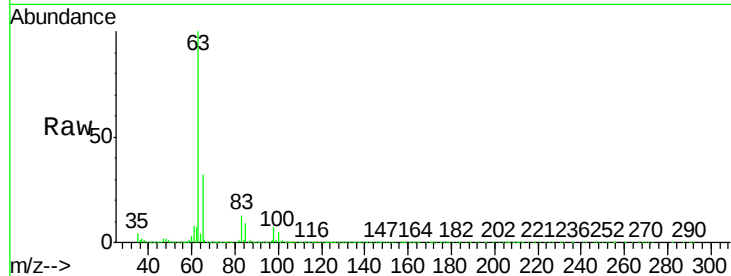
Tgt Ion: 63 Resp: 418720

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

100 4.6 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 36.43 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

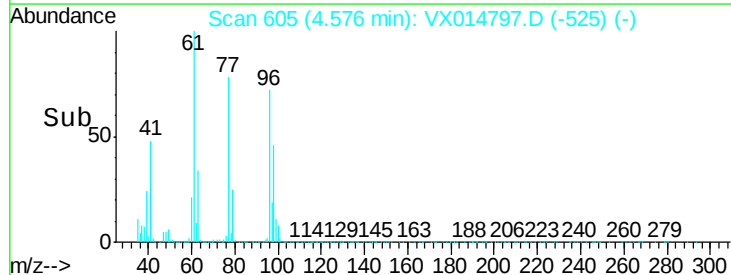
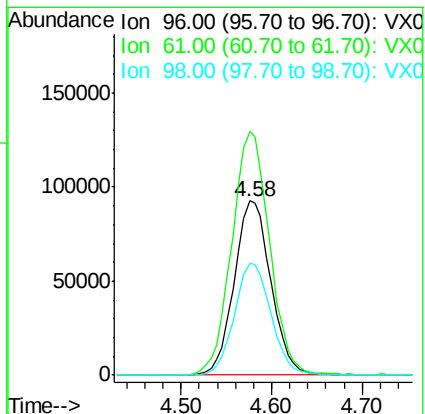
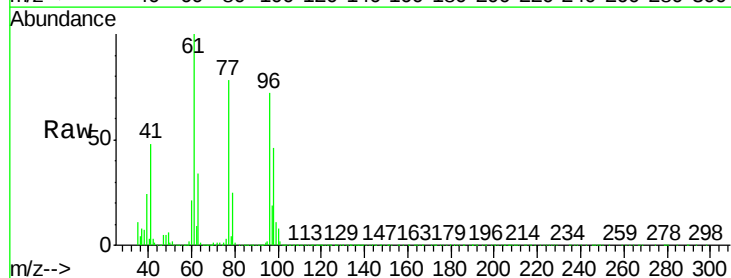
Tgt Ion: 96 Resp: 257930

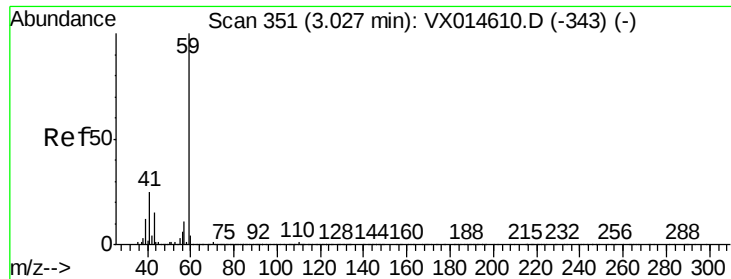
Ion Ratio Lower Upper

96 100

61 144.9 112.4 168.6

98 64.4 50.3 75.5



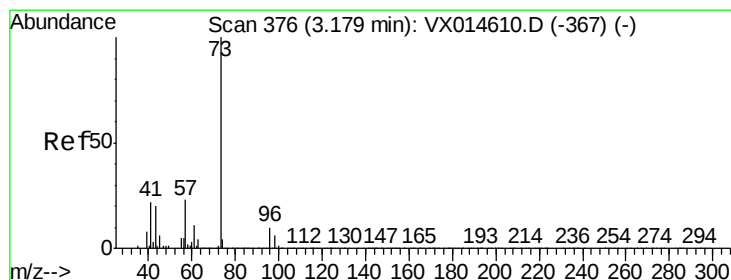
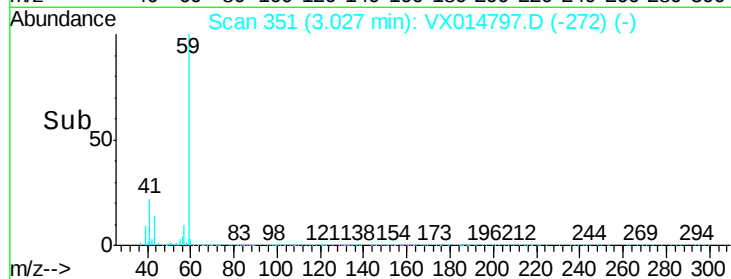
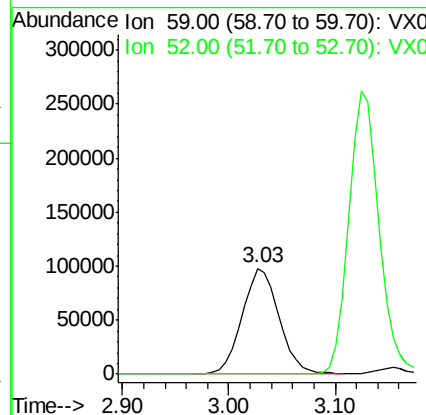
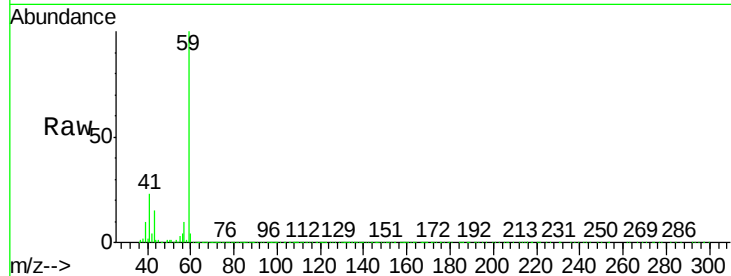


#23

tert-Butyl Alcohol
Concen: 163.23 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

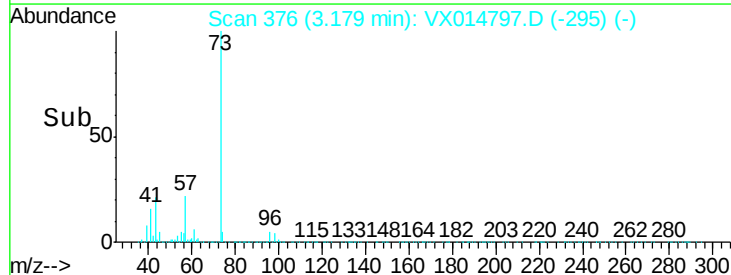
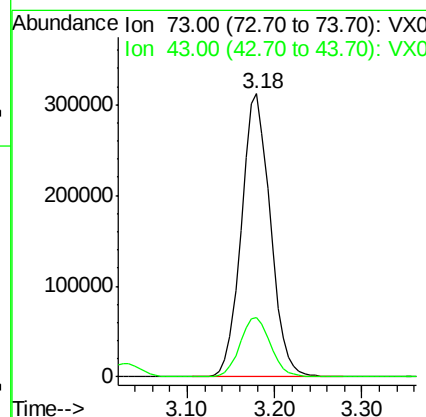
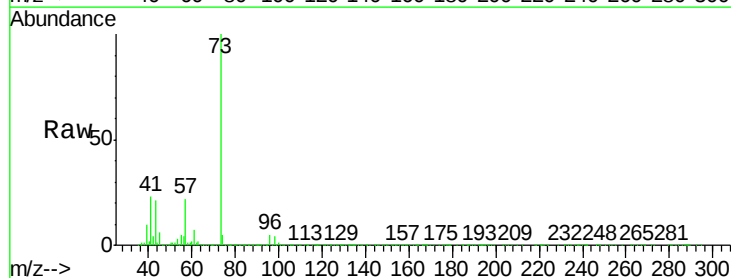
Tgt Ion: 59 Resp: 238809
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

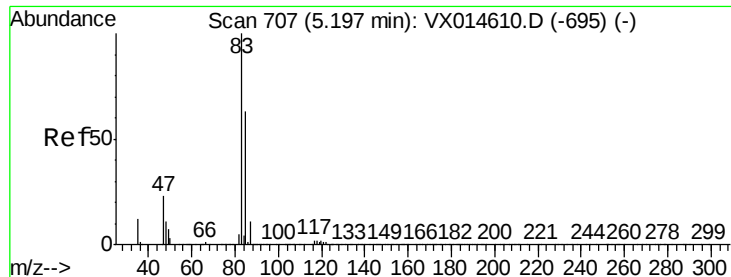


#24

Methyl tert-Butyl Ether
Concen: 37.77 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion: 73 Resp: 719426
Ion Ratio Lower Upper
73 100
43 21.8 16.6 25.0





#25

Chloroform

Concen: 37.10 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

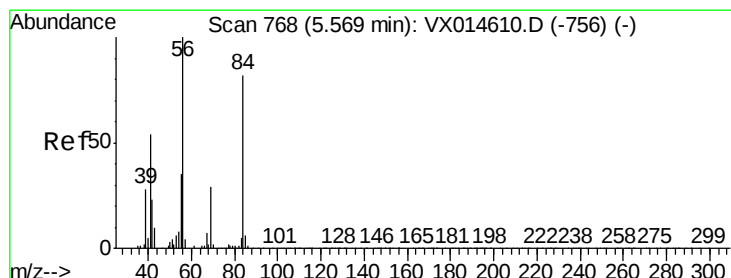
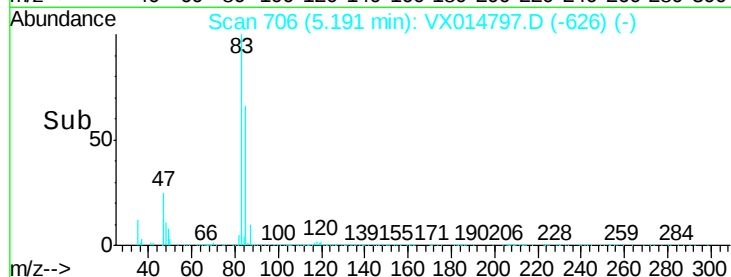
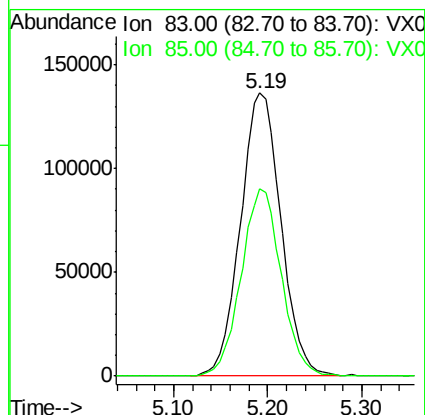
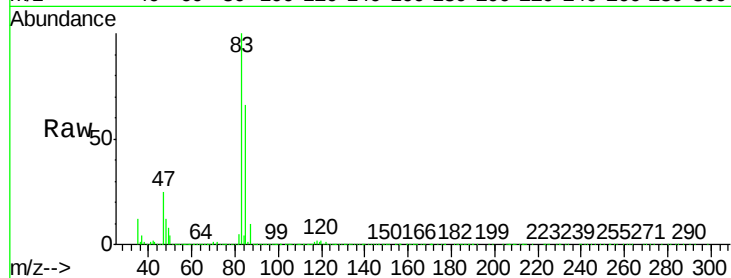
VSTDCCC050EC

Tgt Ion: 83 Resp: 409160

Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1



#26

Cyclohexane

Concen: 36.27 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

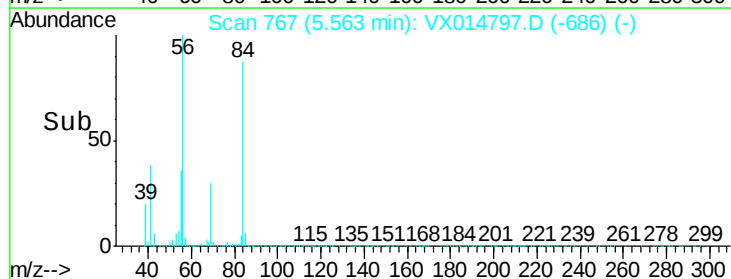
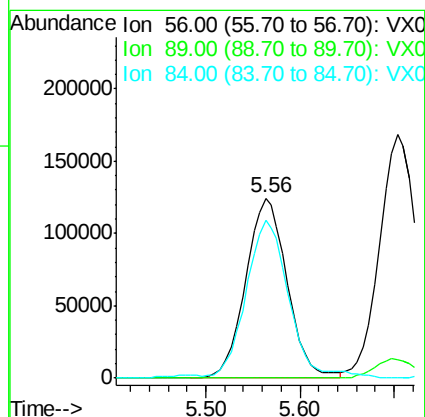
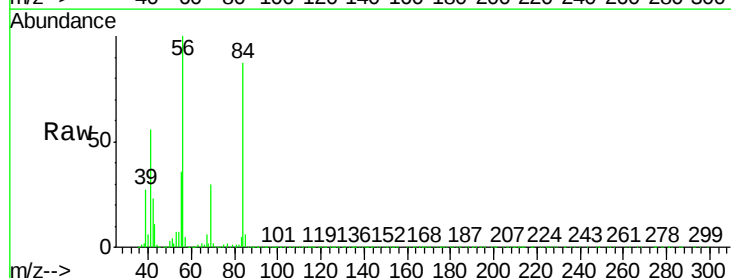
Tgt Ion: 56 Resp: 380866

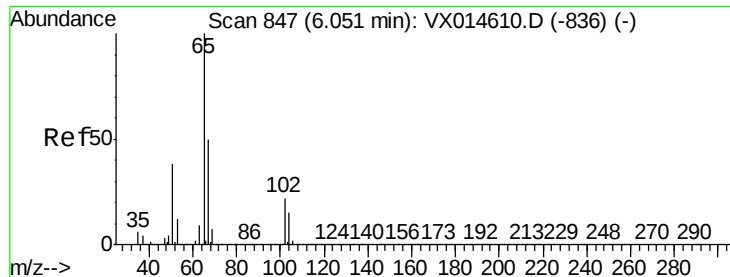
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 85.3 70.8 106.2

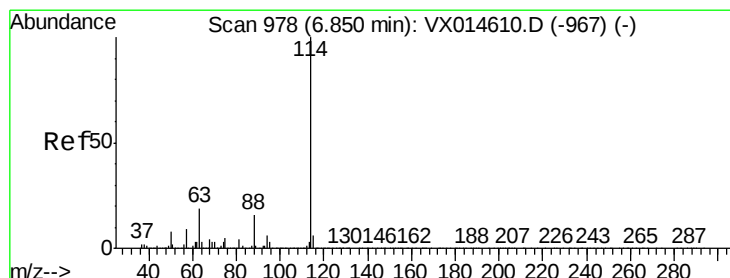
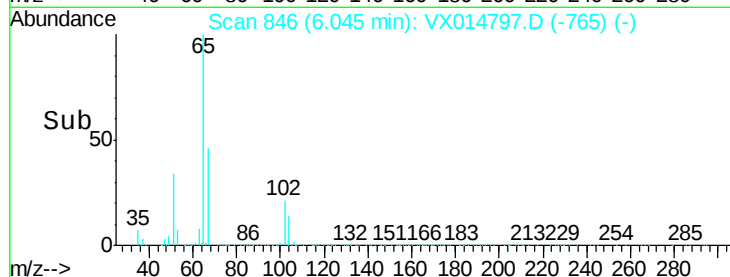
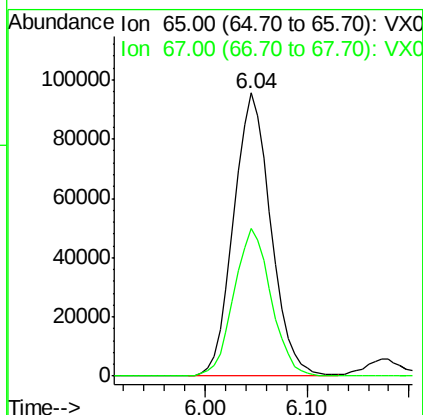
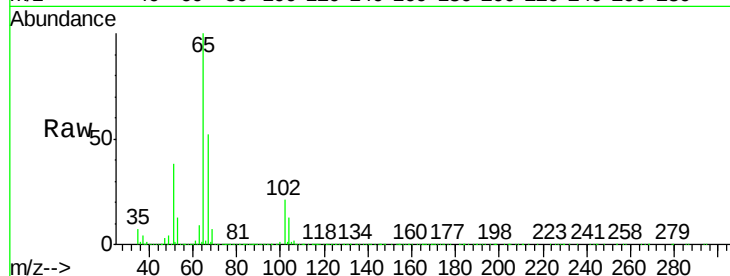




#27
 1,2-Dichloroethane-d4
 Concen: 33.15 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

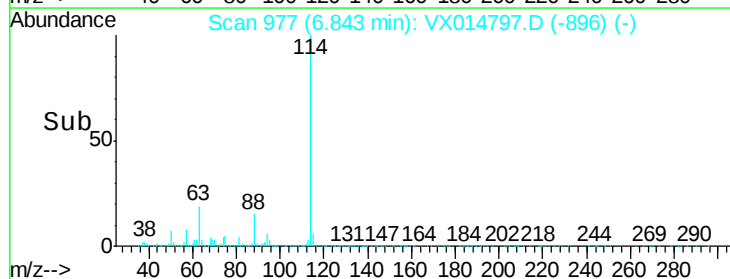
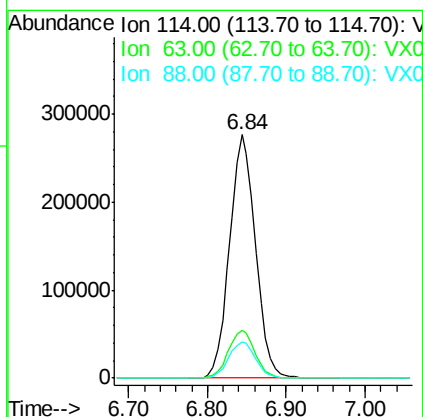
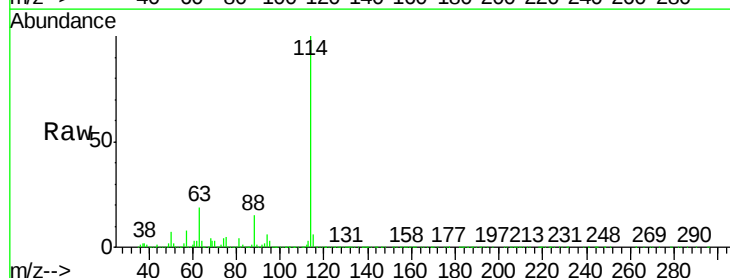
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

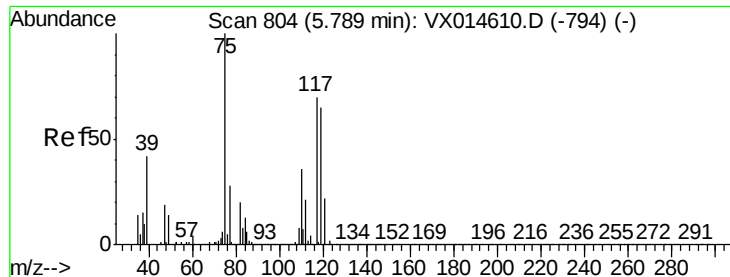
Tgt Ion: 65 Resp: 240851
 Ion Ratio Lower Upper
 65 100
 67 51.9 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion: 114 Resp: 630829
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.1 24.1
 88 15.3 12.5 18.7





#29

1,1-Dichloropropene

Concen: 33.53 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

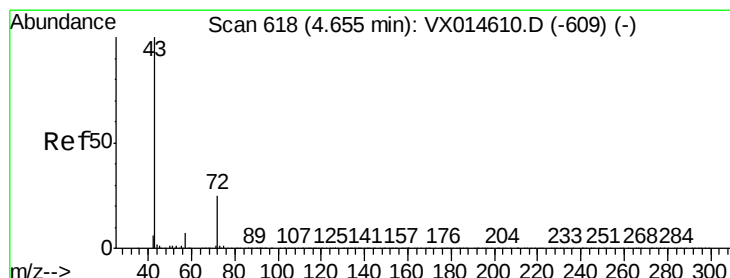
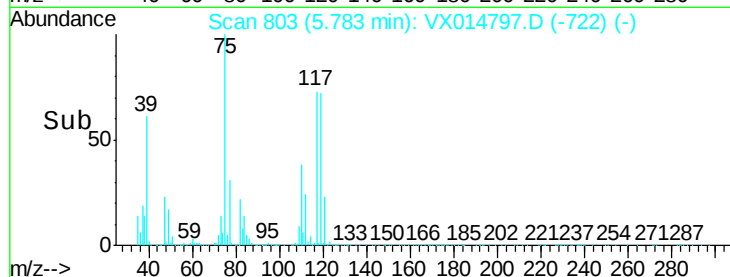
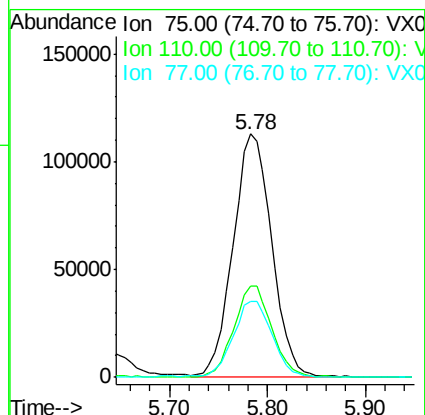
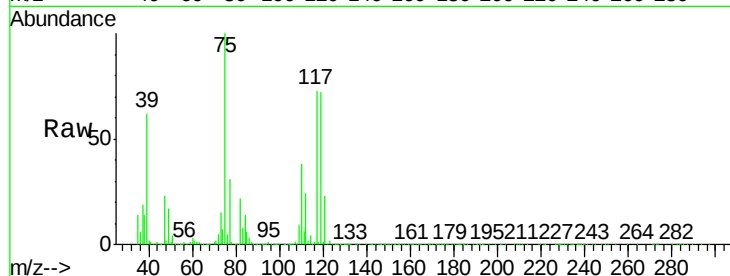
Tgt Ion: 75 Resp: 310214

Ion Ratio Lower Upper

75 100

110 36.6 0.0 73.8

77 31.1 0.0 62.4



#30

2-Butanone

Concen: 150.24 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

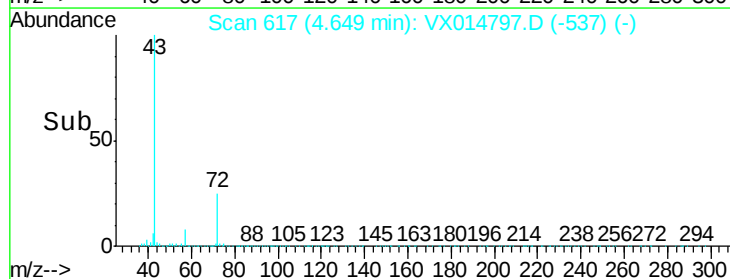
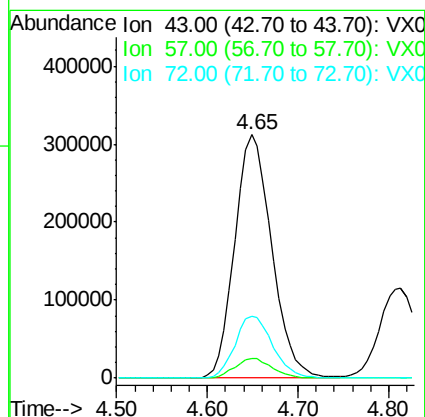
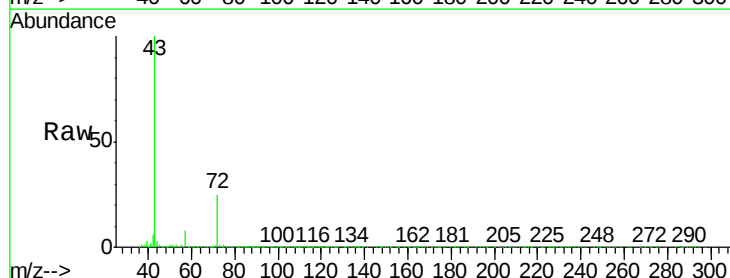
Tgt Ion: 43 Resp: 880470

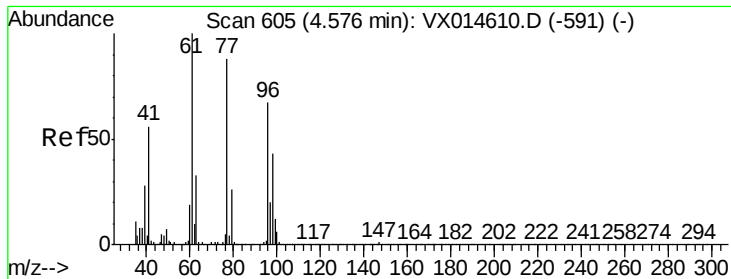
Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.2

72 25.7 20.3 30.5





#31

2,2-Dichloropropane

Concen: 35.32 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

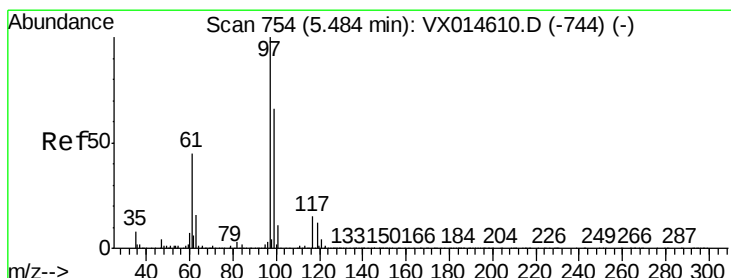
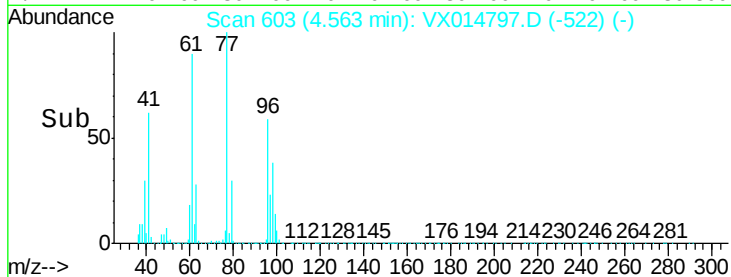
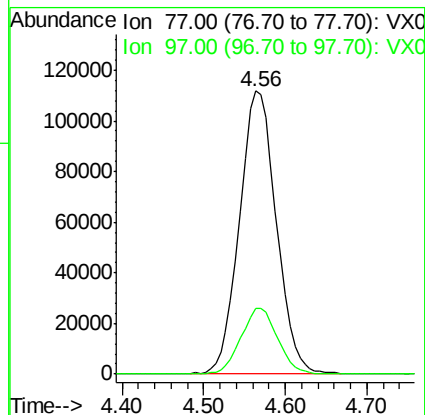
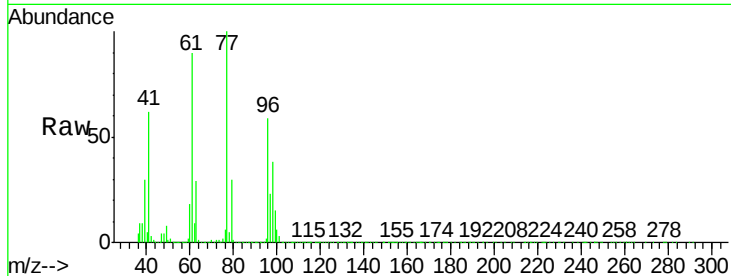
VSTDCCC050EC

Tgt Ion: 77 Resp: 349633

Ion Ratio Lower Upper

77 100

97 23.3 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 34.05 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

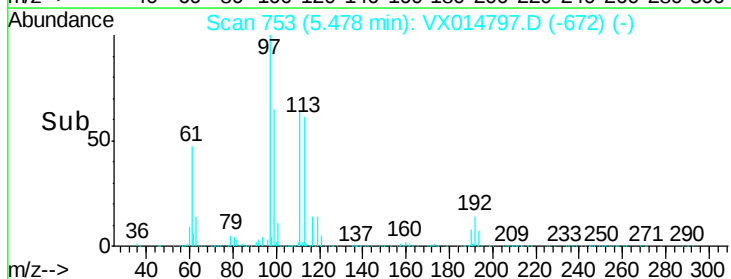
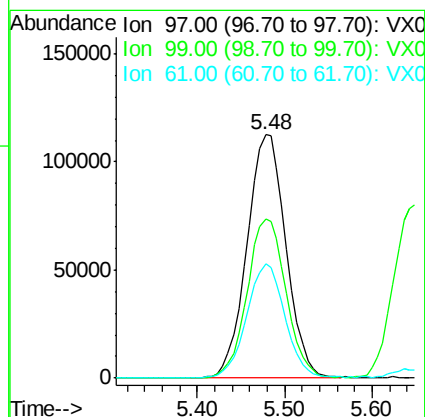
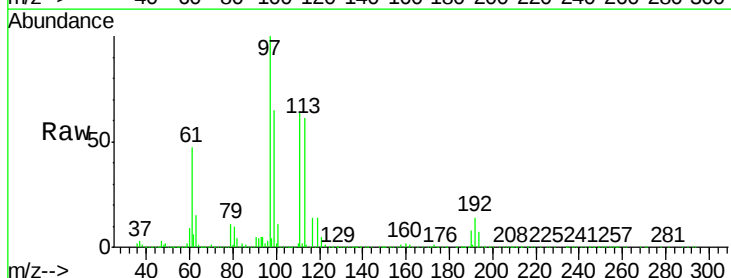
Tgt Ion: 97 Resp: 348495

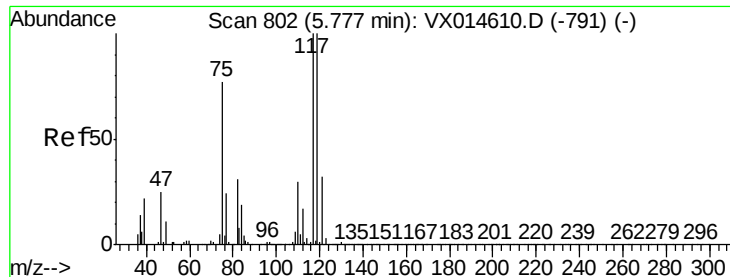
Ion Ratio Lower Upper

97 100

99 65.3 51.9 77.9

61 46.1 36.8 55.2





#33

Carbon Tetrachloride

Concen: 34.75 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

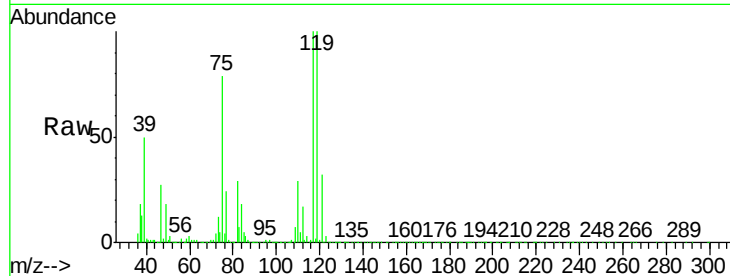
Tgt Ion: 117 Resp: 305342

Ion Ratio Lower Upper

117 100

119 100.5 77.2 115.8

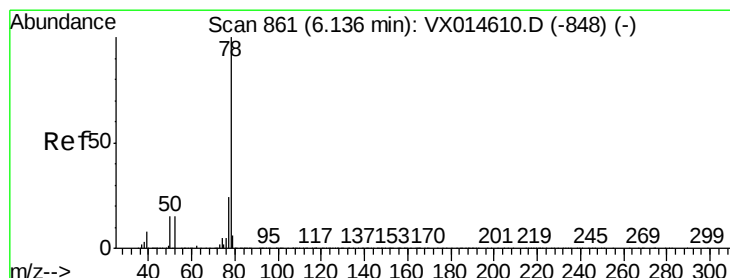
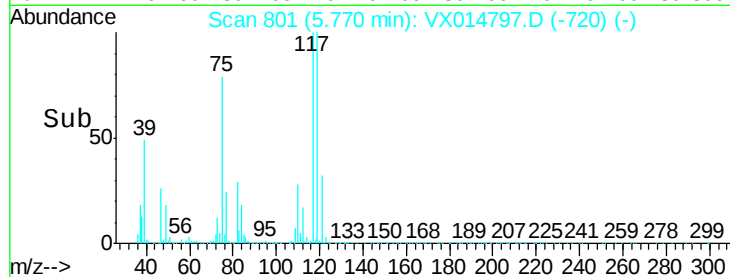
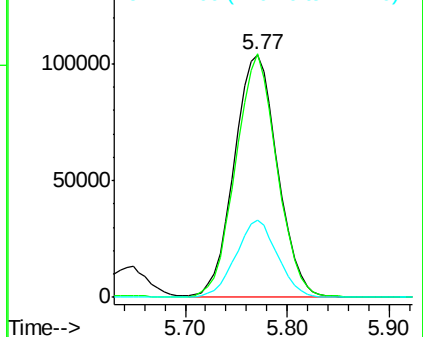
121 32.0 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 32.40 ug/l

RT: 6.12 min Scan# 859

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

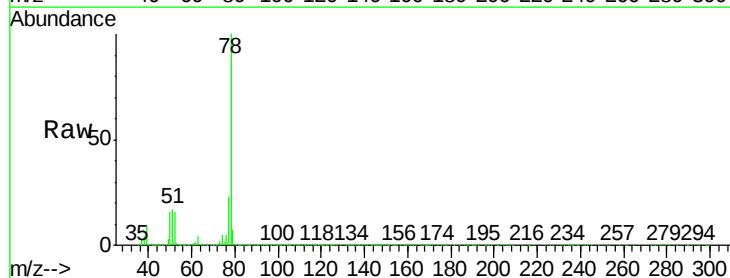
Tgt Ion: 78 Resp: 926183

Ion Ratio Lower Upper

78 100

77 23.2 18.2 27.2

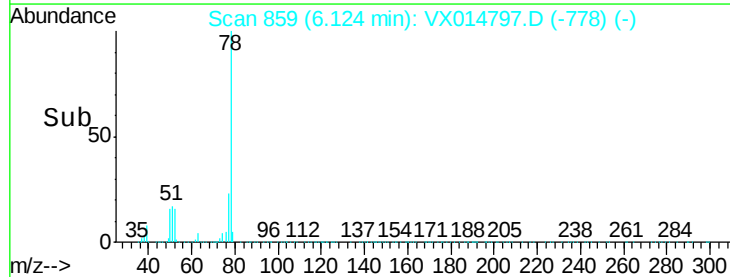
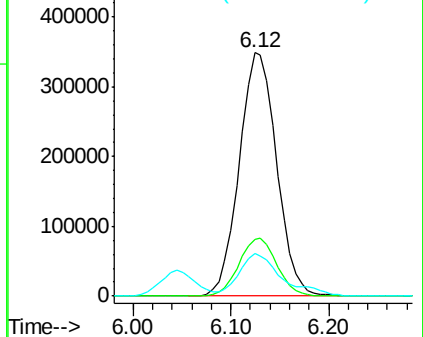
51 16.8 12.4 18.6

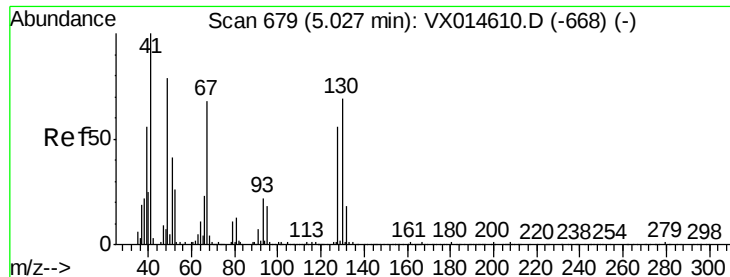


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

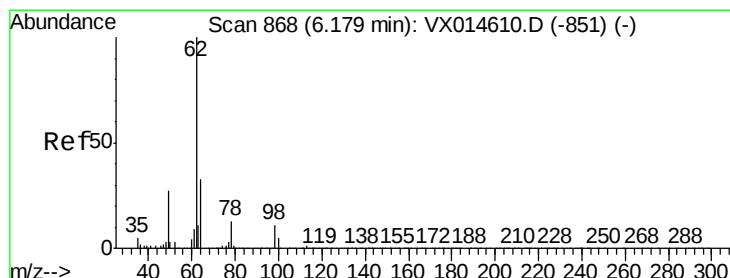
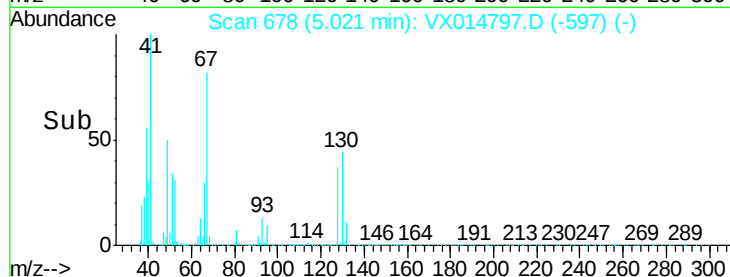
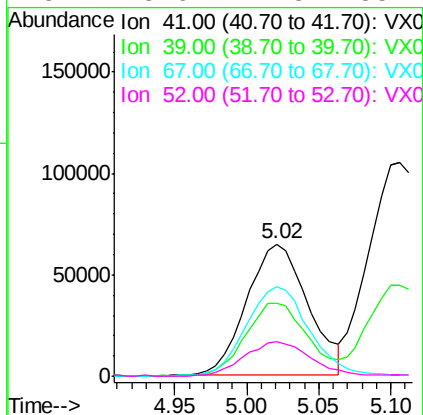
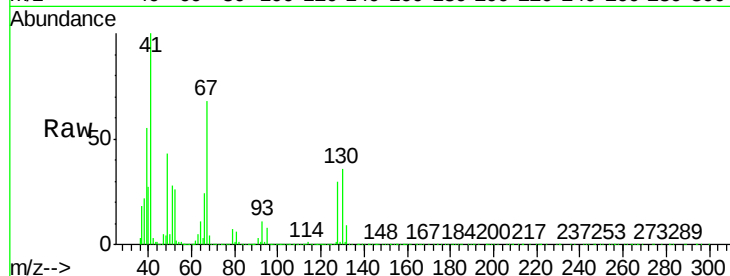




#35
Methacrylonitrile
Concen: 32.74 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

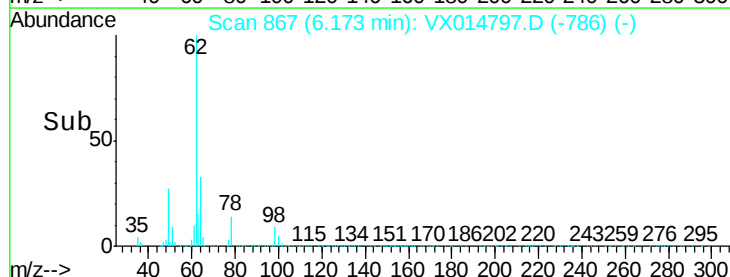
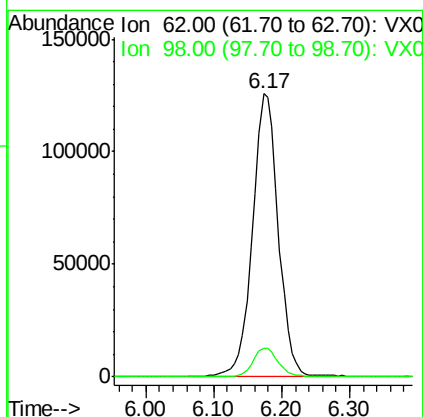
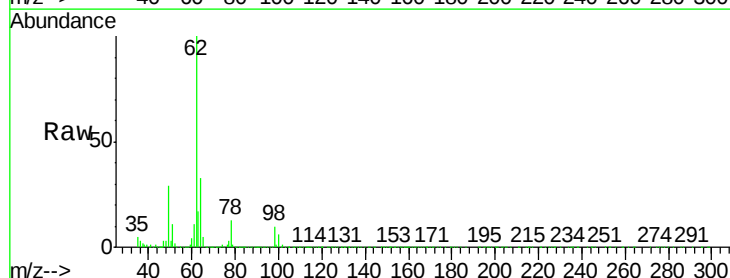
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

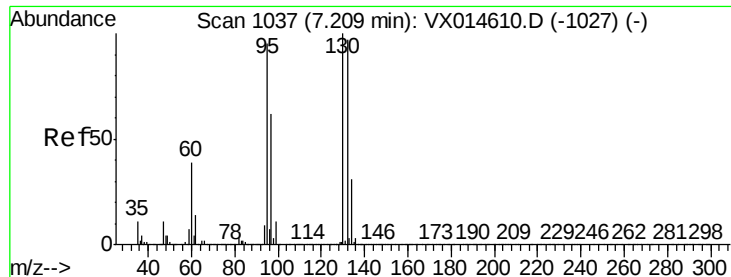
Tgt Ion:	41	Resp:	191614
Ion	Ratio	Lower	Upper
41	100		
39	54.4	26.7	80.1
67	67.7	31.5	94.5
52	25.6	12.8	38.4



#36
1,2-Dichloroethane
Concen: 33.56 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion:	62	Resp:	333895
Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.4	12.6

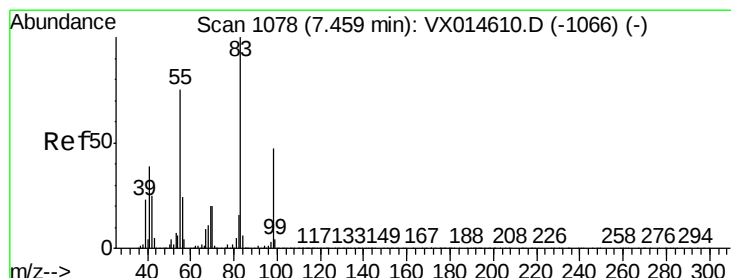
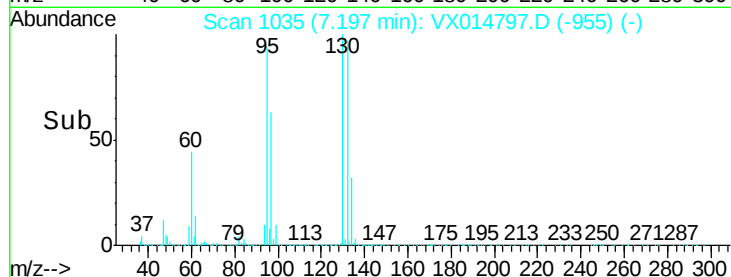
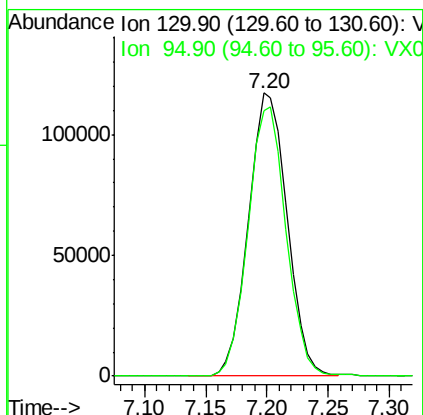
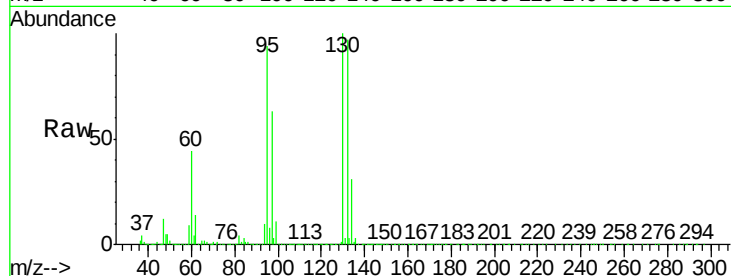




#37
Trichloroethene
Concen: 33.04 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

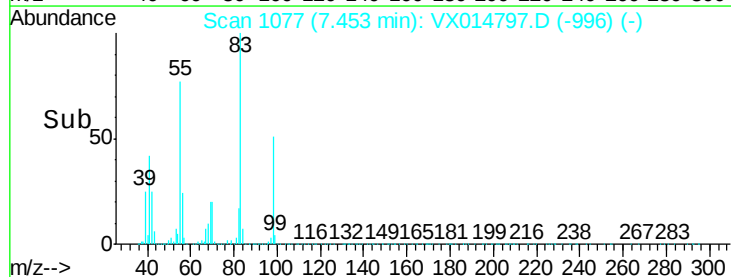
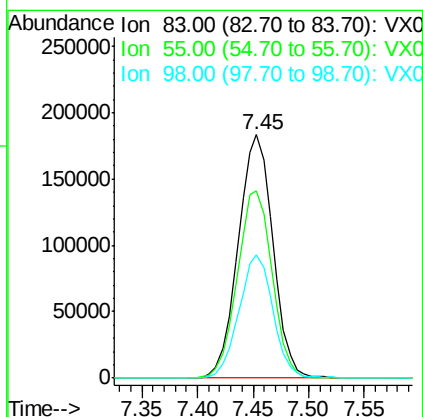
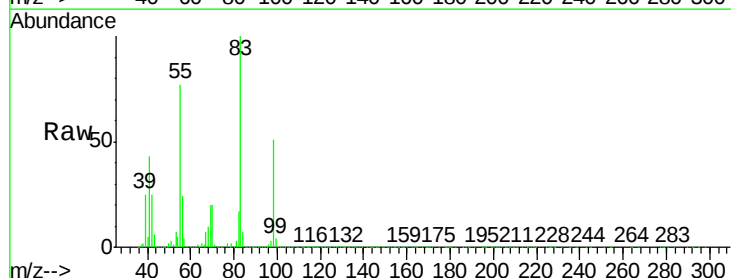
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

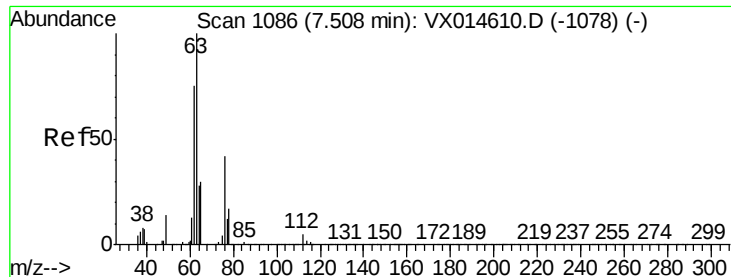
Tgt Ion: 130 Resp: 258589
Ion Ratio Lower Upper
130 100
95 93.9 71.7 107.5



#38
Methylcyclohexane
Concen: 34.34 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion: 83 Resp: 395511
Ion Ratio Lower Upper
83 100
55 77.7 39.4 118.1
98 50.0 25.1 75.3

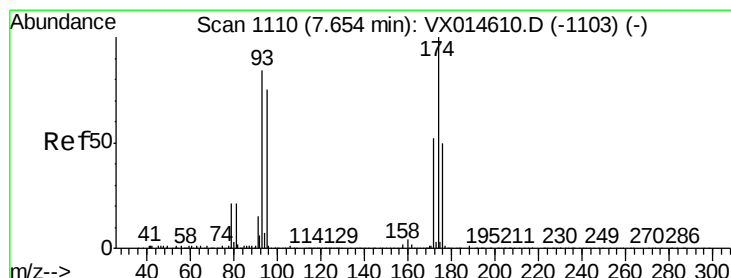
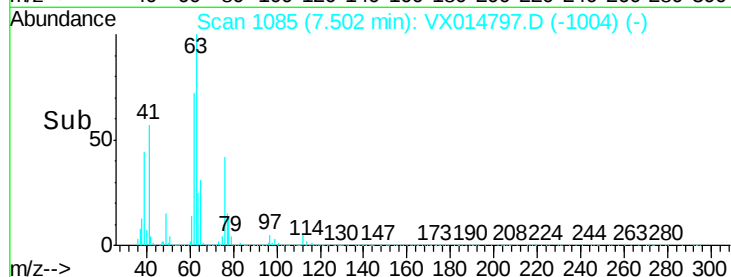
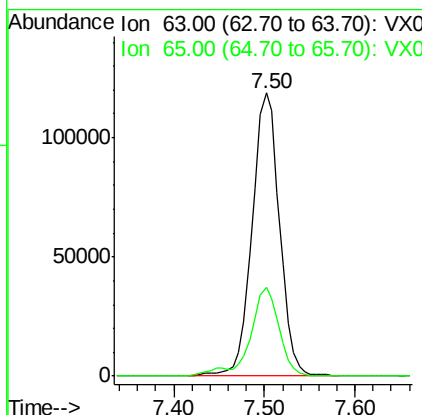
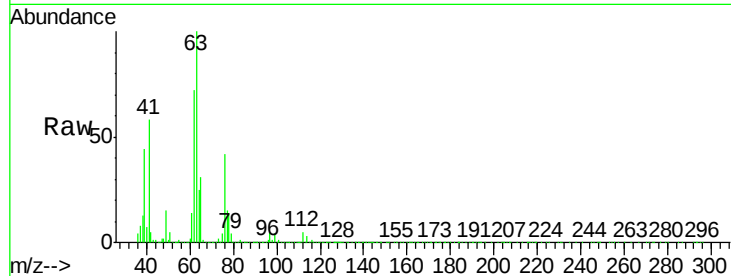




#39
 1,2-Dichloropropane
 Concen: 33.27 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

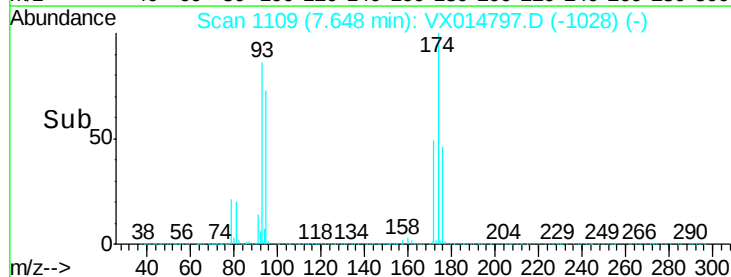
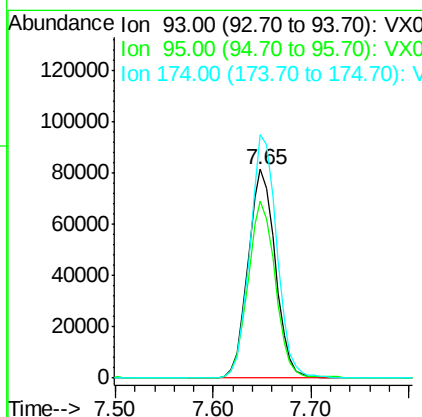
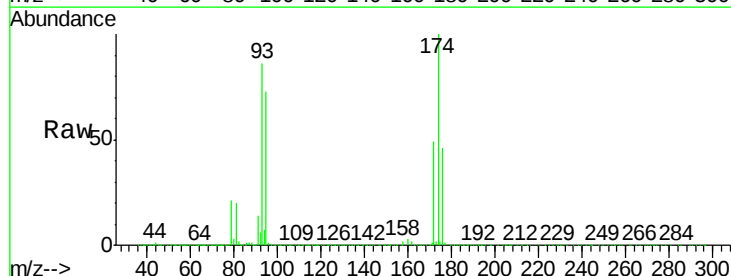
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

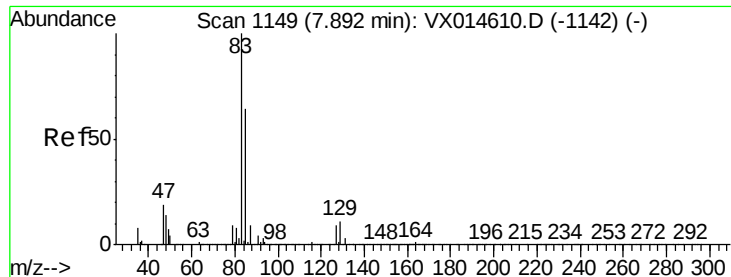
Tgt Ion: 63 Resp: 247310
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.1 33.1



#40
 Dibromomethane
 Concen: 33.10 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion: 93 Resp: 158160
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 164.4
 174 115.5 0.0 228.8





#41

Bromodichloromethane

Concen: 34.64 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

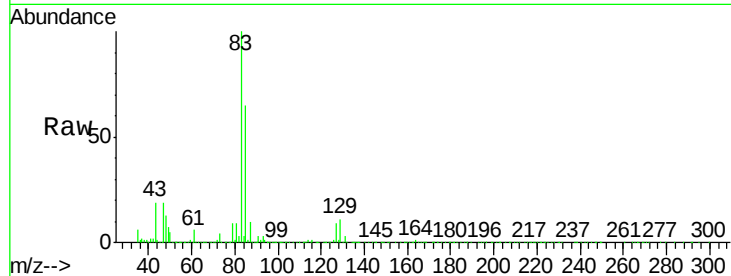
Tgt Ion: 83 Resp: 324055

Ion Ratio Lower Upper

83 100

85 65.3 51.6 77.4

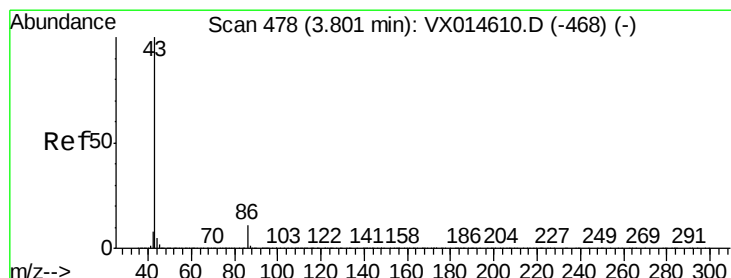
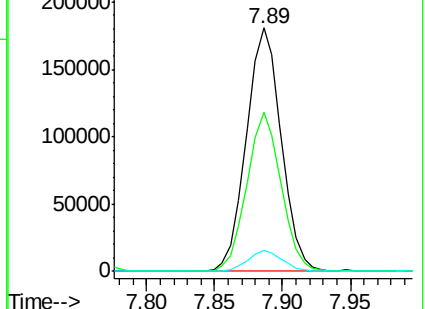
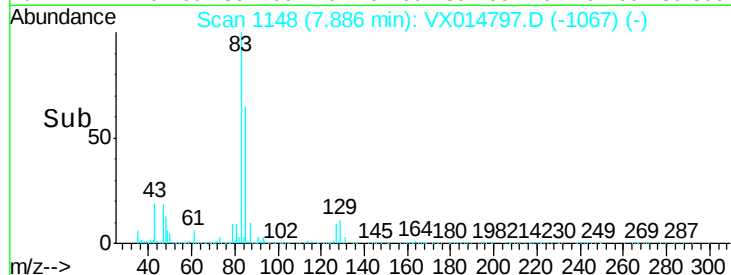
127 8.6 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 169.71 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014797.D

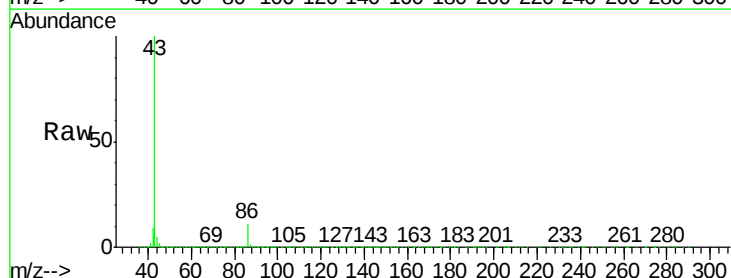
Acq: 03 Feb 2020 16:55

Tgt Ion: 43 Resp: 3065470

Ion Ratio Lower Upper

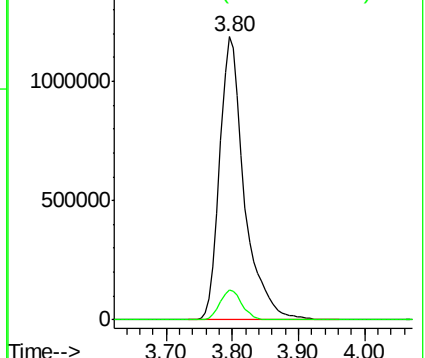
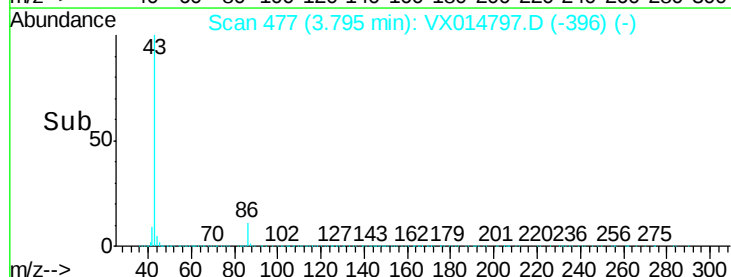
43 100

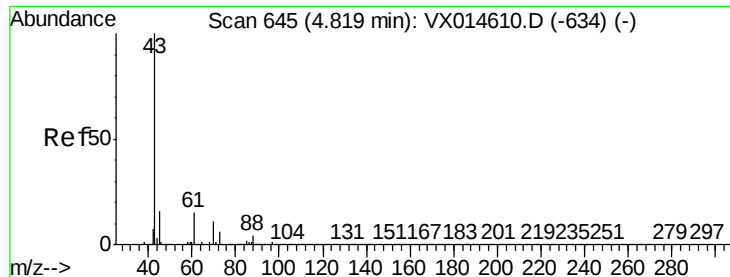
86 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 31.76 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

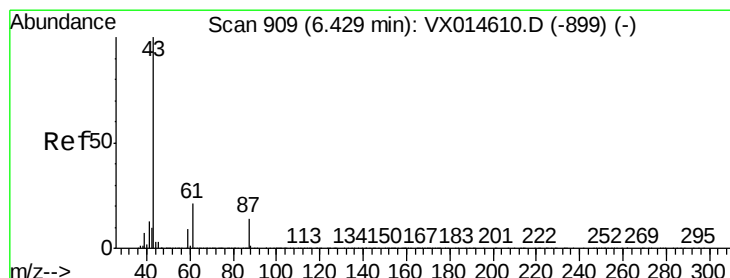
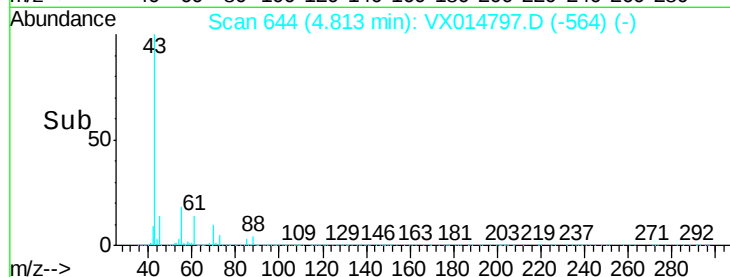
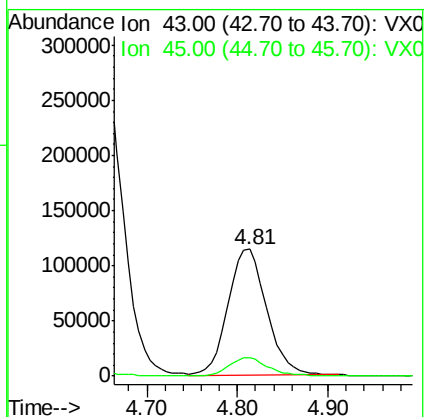
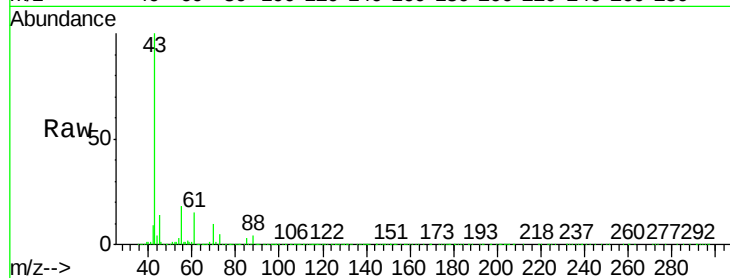
VSTDCCC050EC

Tgt Ion: 43 Resp: 336959

Ion Ratio Lower Upper

43 100

45 14.7 11.8 17.8



#44

Isopropyl Acetate

Concen: 33.09 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014797.D

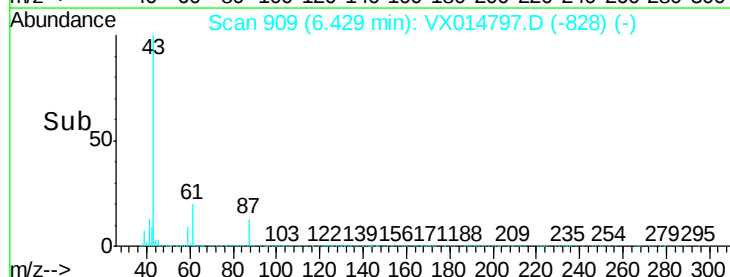
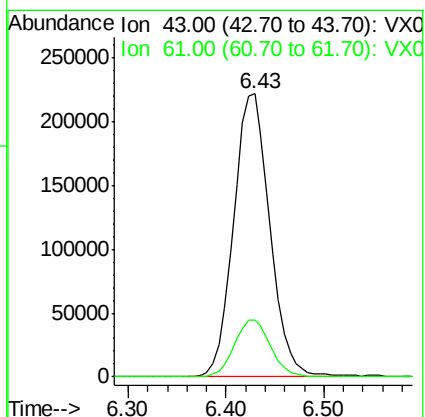
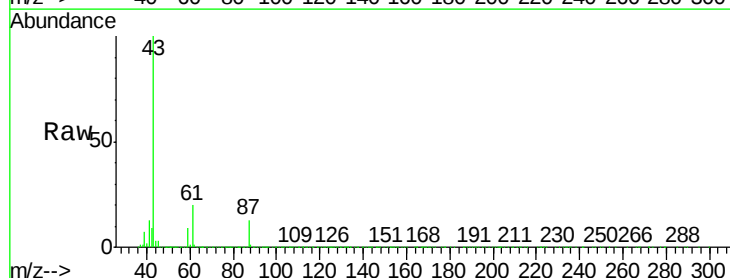
Acq: 03 Feb 2020 16:55

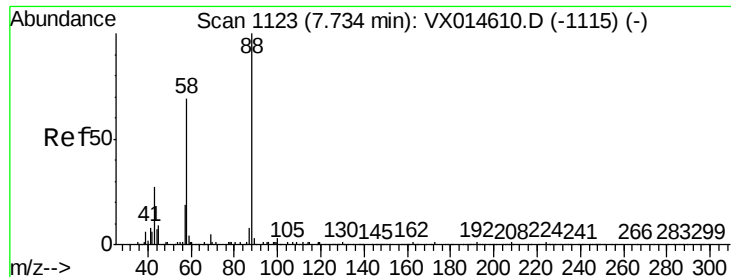
Tgt Ion: 43 Resp: 566306

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9





#45

1,4-Dioxane

Concen: 582.35 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

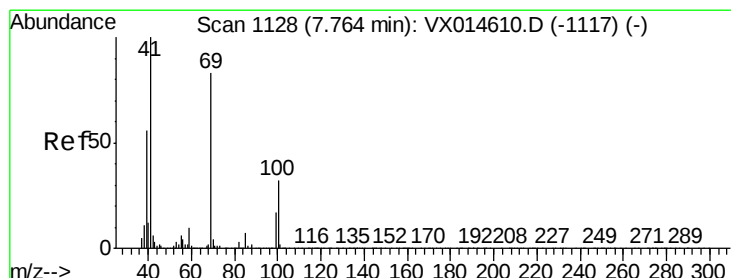
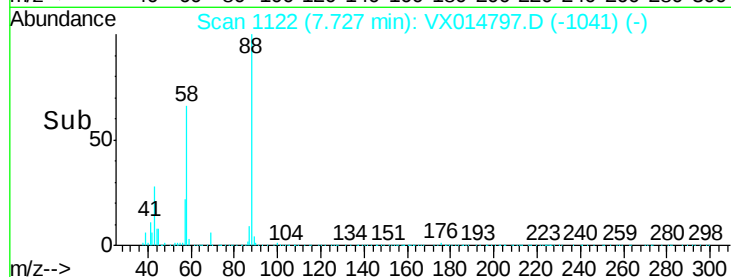
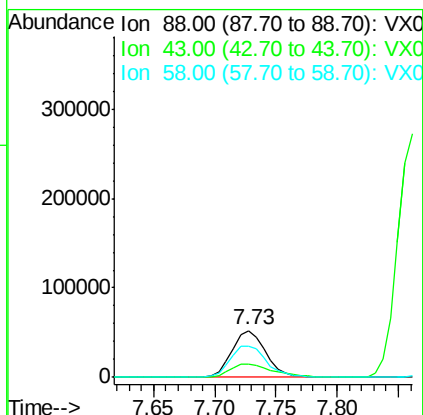
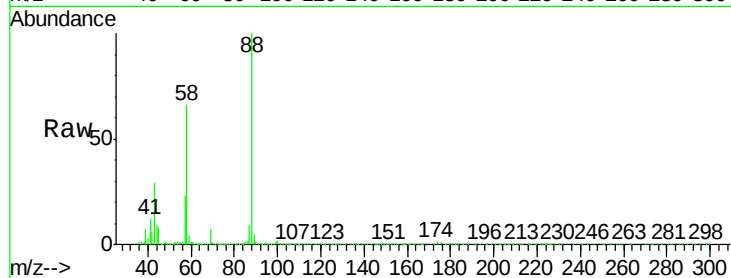
Tgt Ion: 88 Resp: 99697

Ion Ratio Lower Upper

88 100

43 34.9 25.4 38.2

58 71.3 56.5 84.7



#46

Methyl methacrylate

Concen: 33.36 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

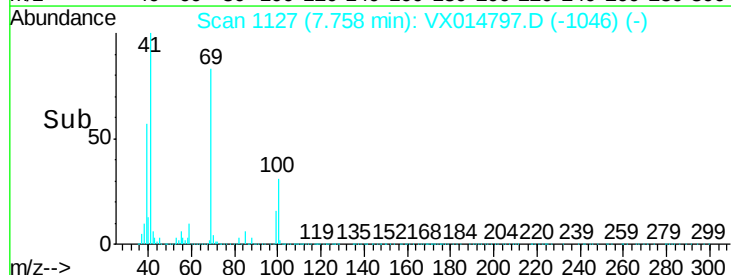
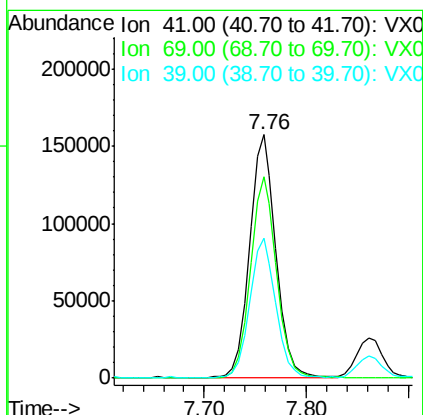
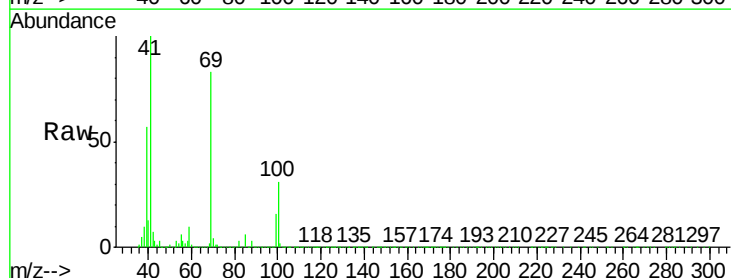
Tgt Ion: 41 Resp: 280763

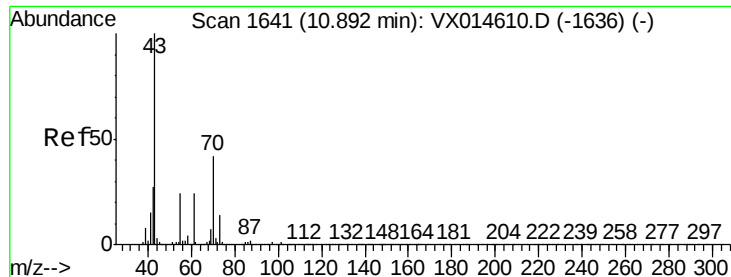
Ion Ratio Lower Upper

41 100

69 82.7 40.6 122.0

39 57.2 27.8 83.3





#47

n-amy1 Acetate

Concen: 34.87 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

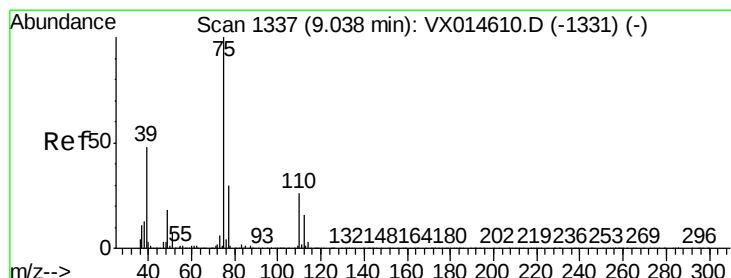
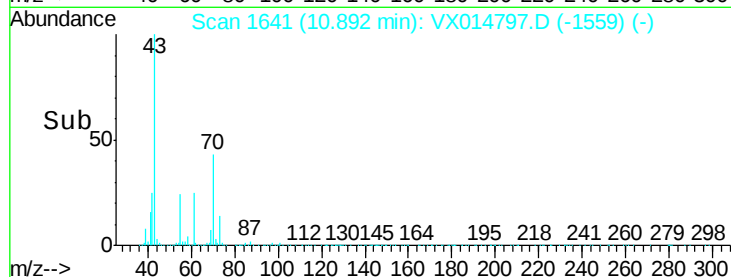
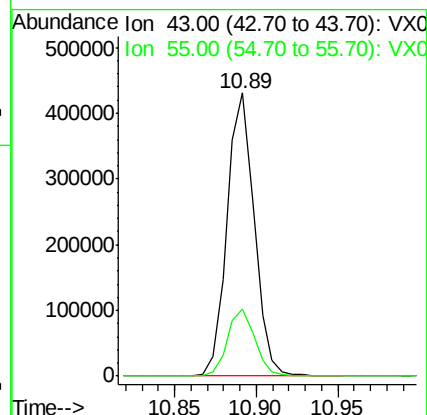
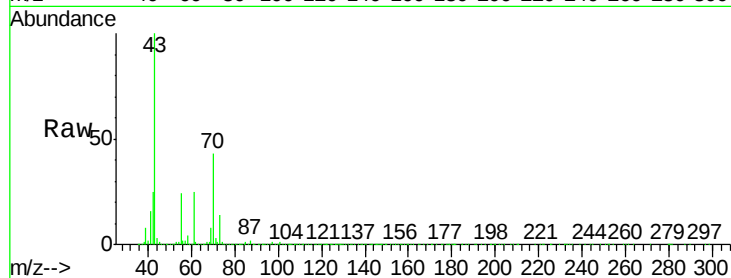
VSTDCCC050EC

Tgt Ion: 43 Resp: 500069

Ion Ratio Lower Upper

43 100

55 24.1 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 35.38 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014797.D

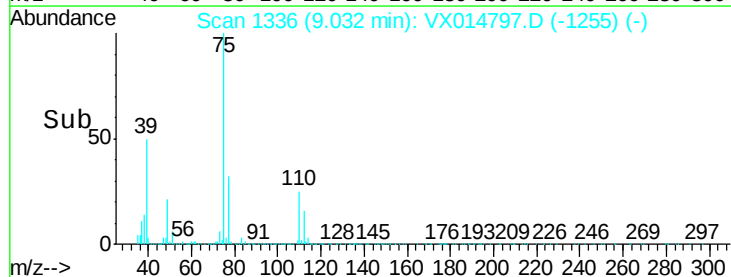
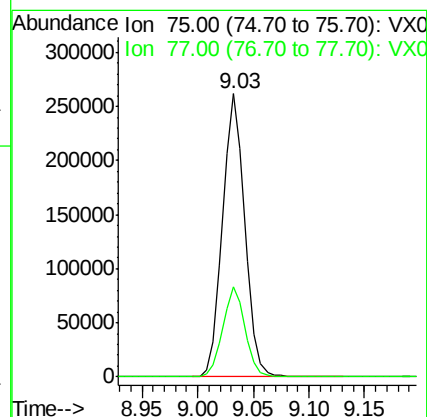
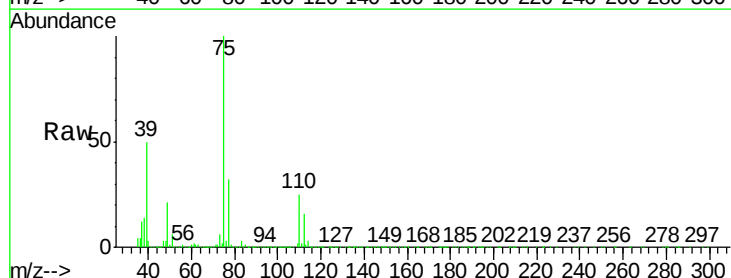
Acq: 03 Feb 2020 16:55

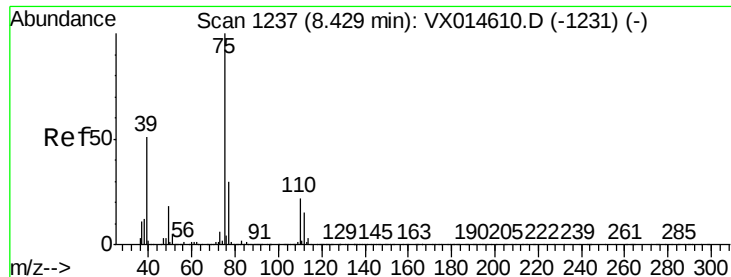
Tgt Ion: 75 Resp: 361430

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0



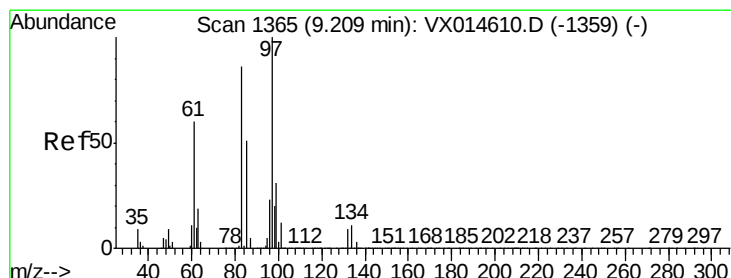
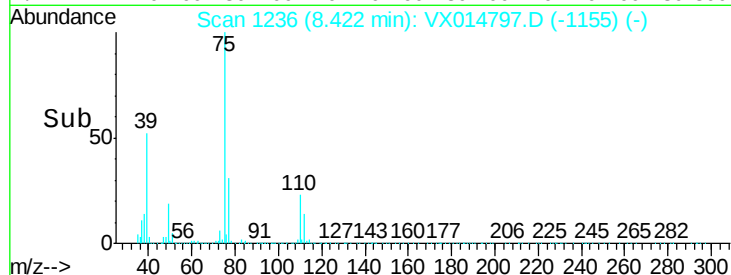
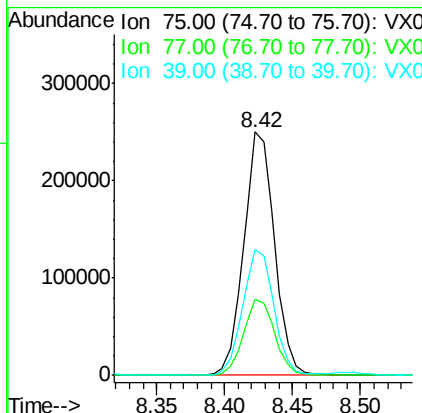
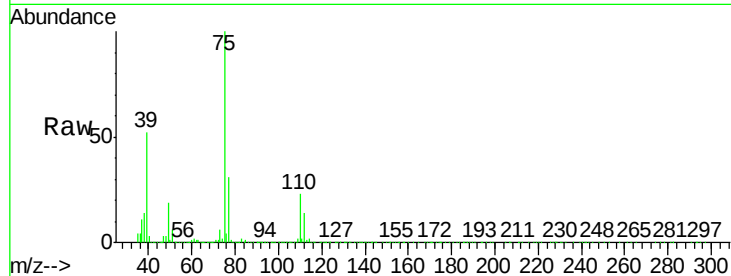


#49

cis-1,3-Dichloropropene
Concen: 34.38 ug/l
RT: 8.42 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

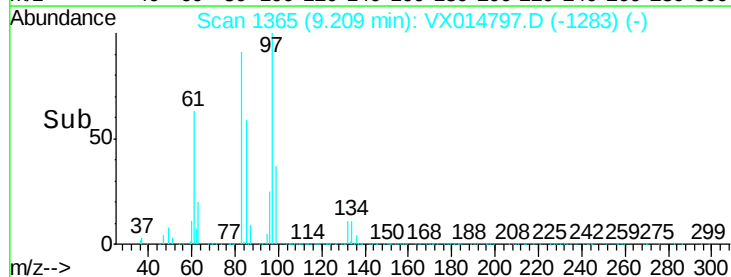
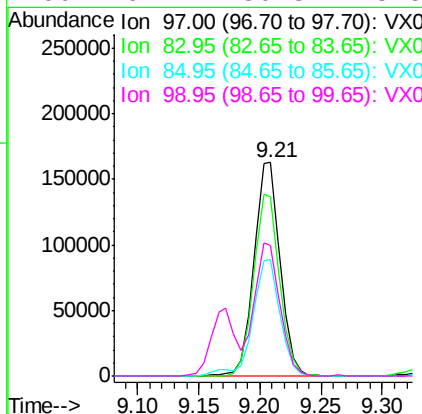
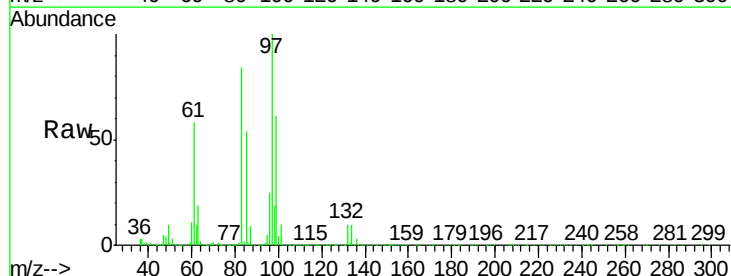
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	51.5	41.1	61.7

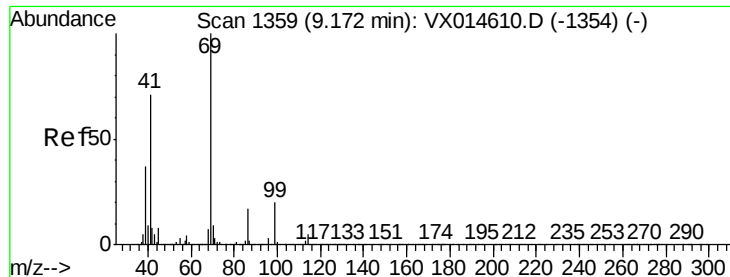


#50

1,1,2-Trichloroethane
Concen: 33.48 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	54.2	42.7	64.1
99	61.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 33.81 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

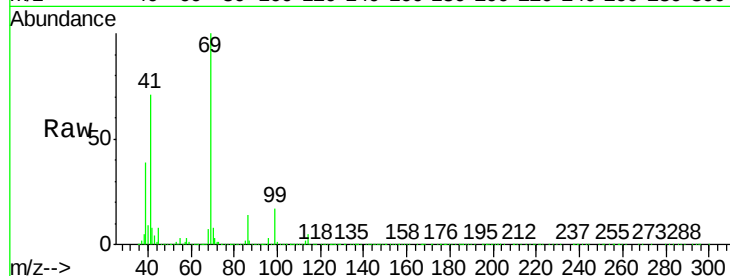
Tgt Ion: 69 Resp: 382717

Ion Ratio Lower Upper

69 100

41 71.1 35.4 106.1

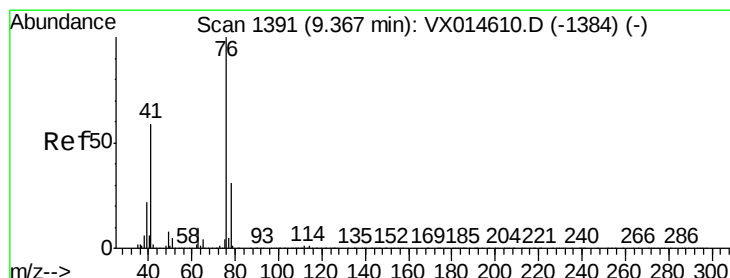
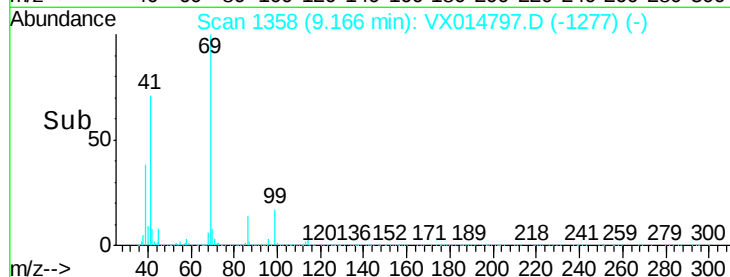
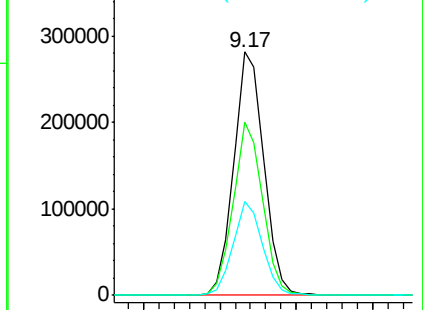
39 38.5 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 33.30 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014797.D

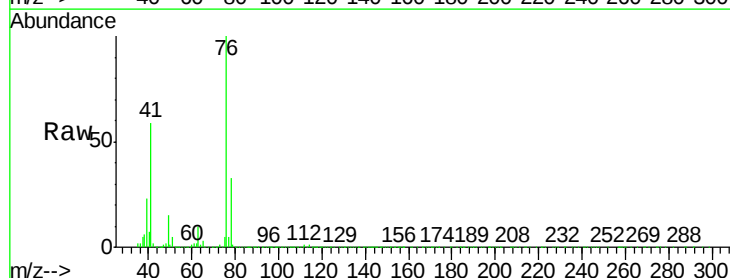
Acq: 03 Feb 2020 16:55

Tgt Ion: 76 Resp: 410168

Ion Ratio Lower Upper

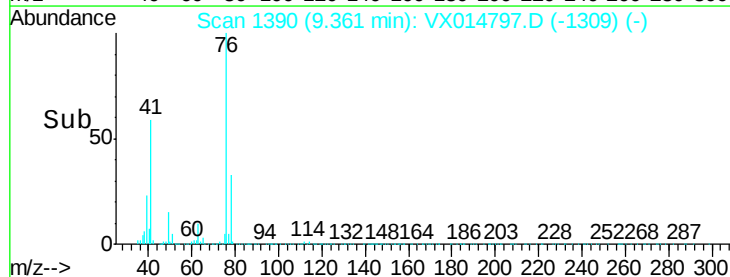
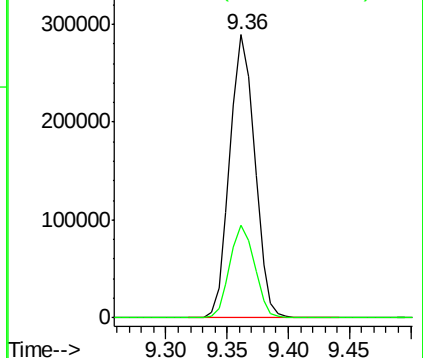
76 100

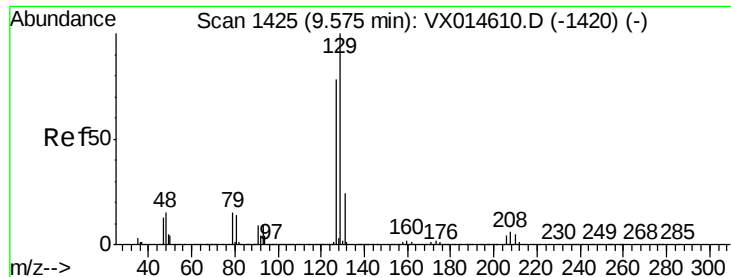
78 32.3 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 35.37 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

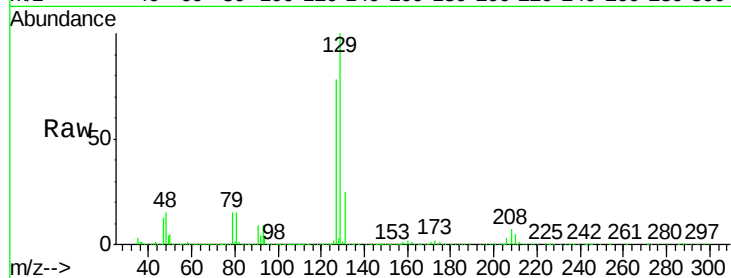
VSTDCCC050EC

Tgt Ion:129 Resp: 262989

Ion Ratio Lower Upper

129 100

127 77.0 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

200000

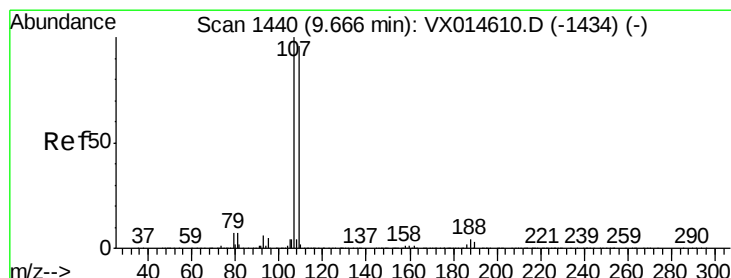
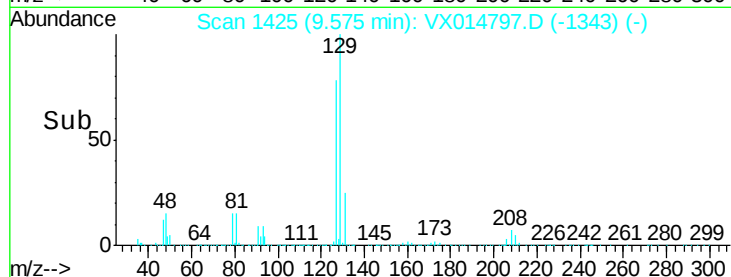
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 33.29 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014797.D

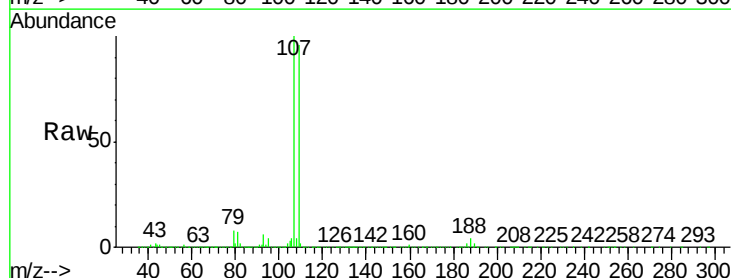
Acq: 03 Feb 2020 16:55

Tgt Ion:107 Resp: 250976

Ion Ratio Lower Upper

107 100

109 94.7 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

200000

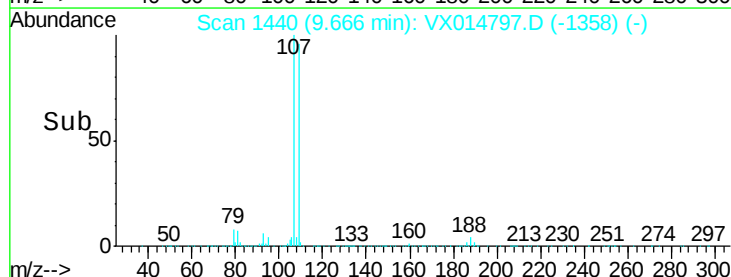
150000

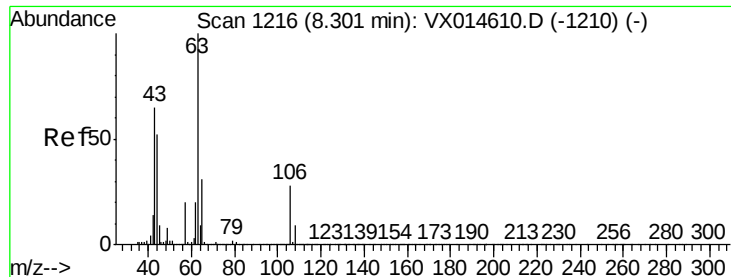
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

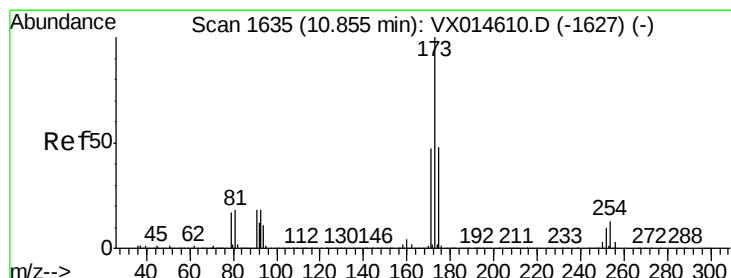
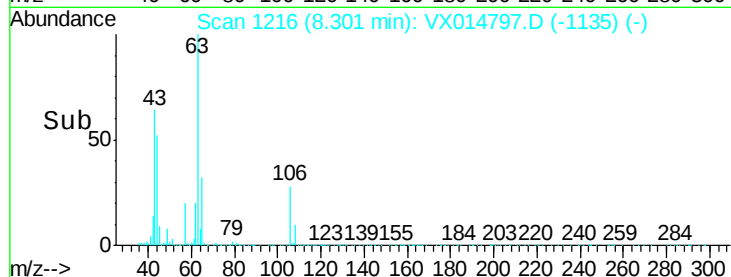
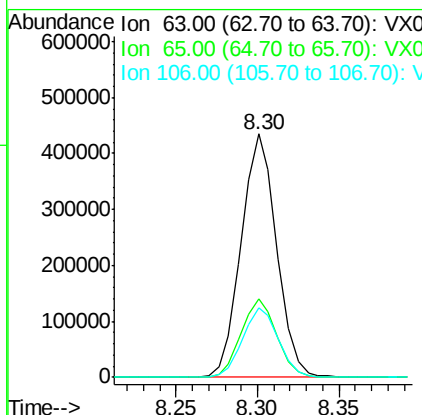
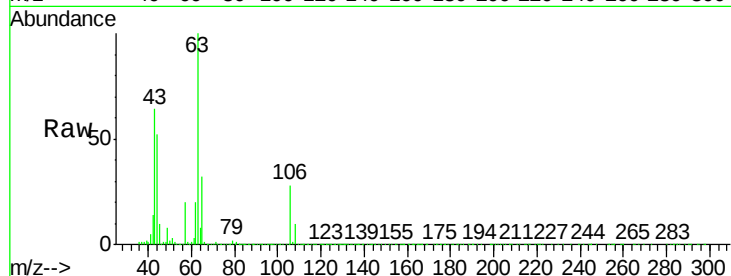




#55
 2-Chloroethyl vinyl ether
 Concen: 126.46 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

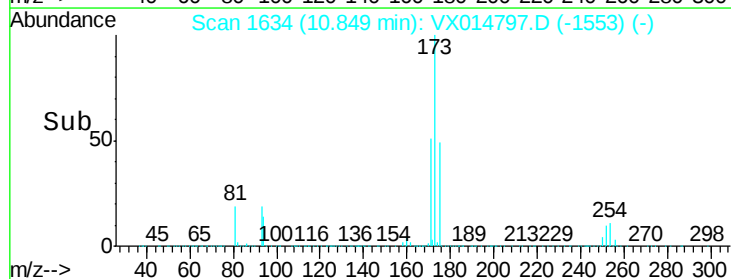
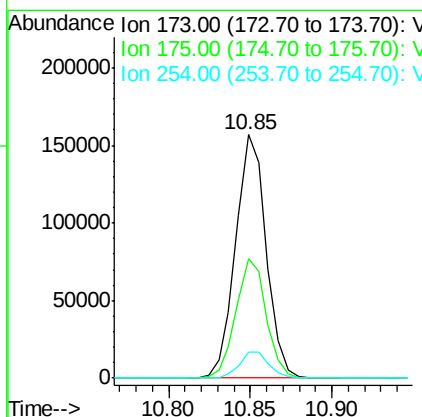
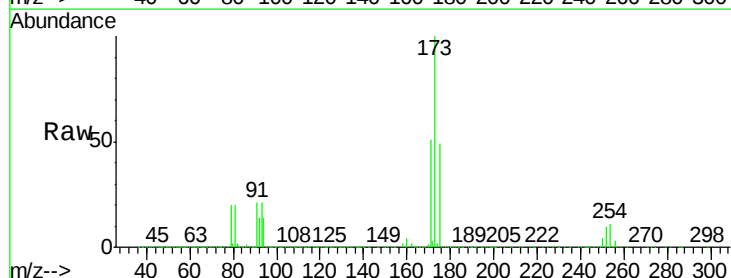
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

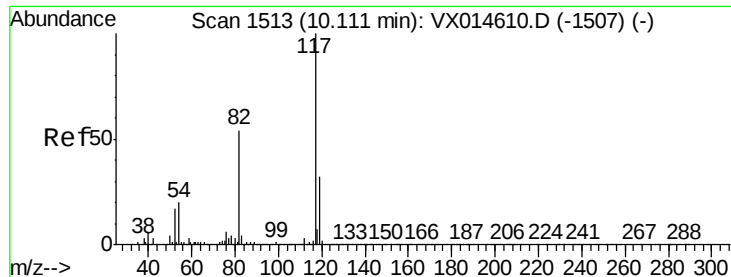
Tgt Ion:	63	Resp:	657869
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.6
106	28.7	22.9	34.3



#56
 Bromoform
 Concen: 35.76 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion:	173	Resp:	204793
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.5	59.3
254	10.6	8.2	12.4

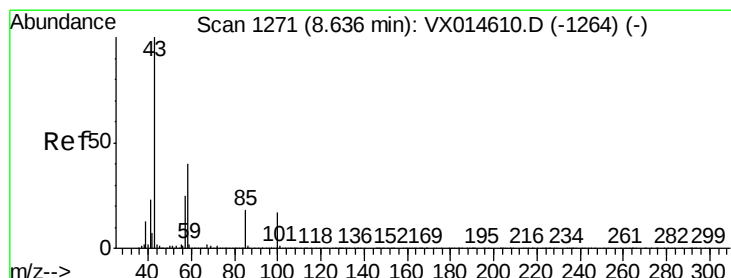
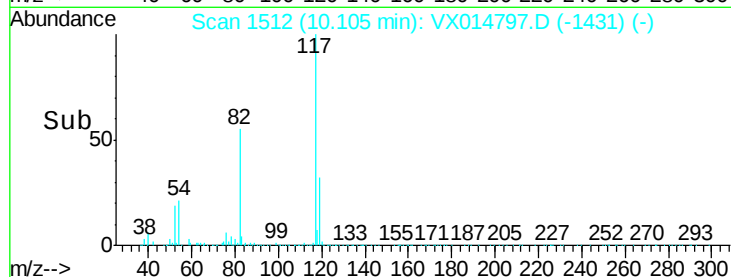
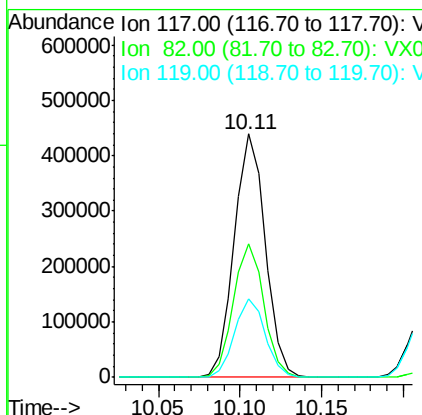
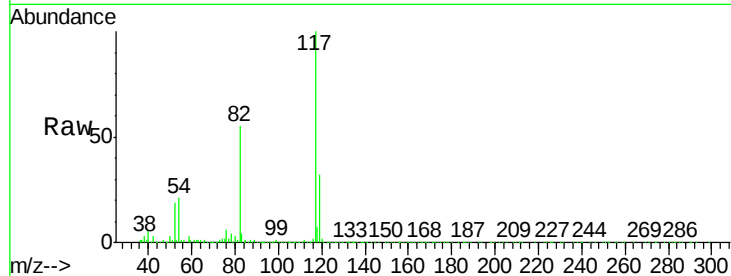




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

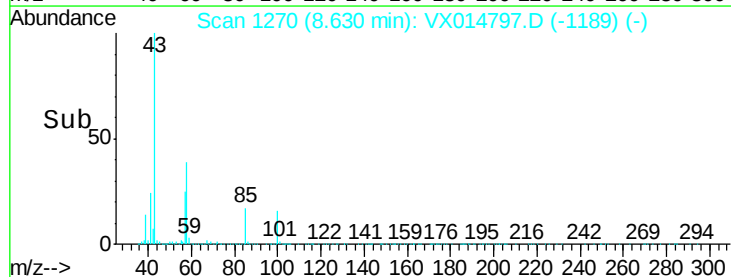
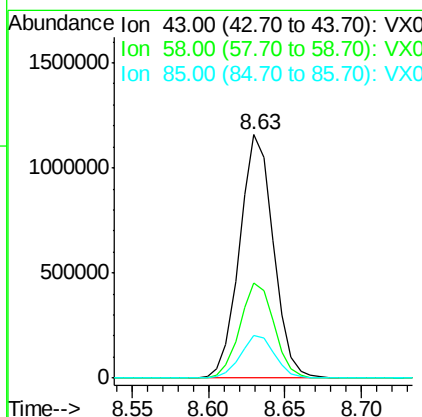
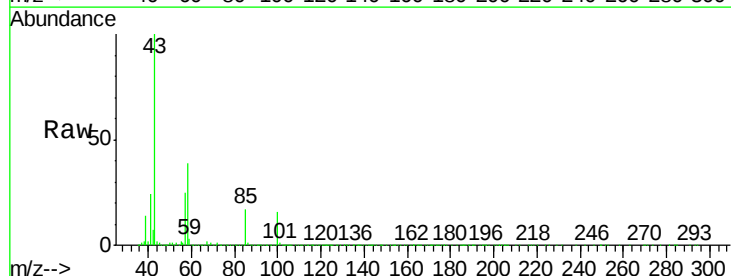
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

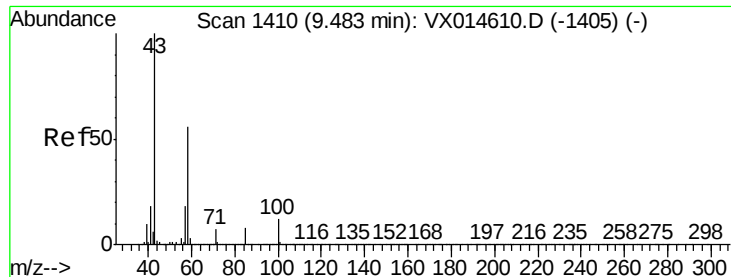
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	32.0	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 162.17 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.2	46.8
85	17.6	14.2	21.2

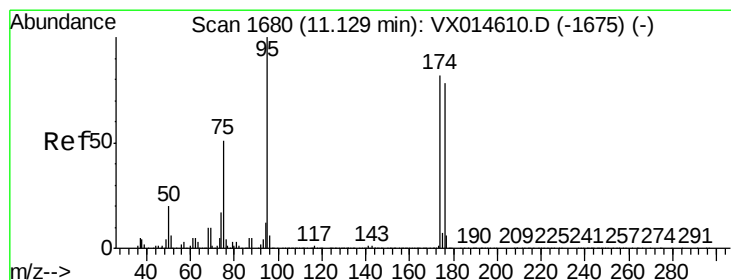
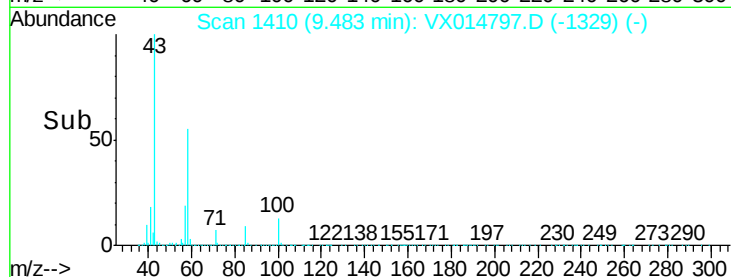
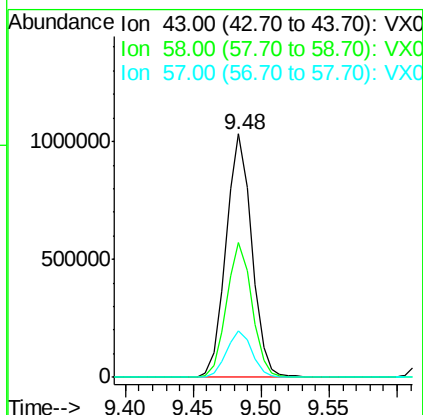
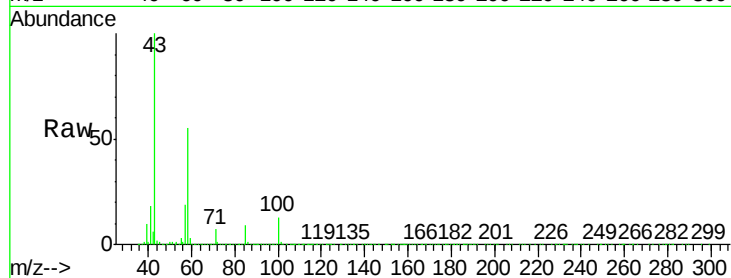




#59
2-Hexanone
Concen: 160.22 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

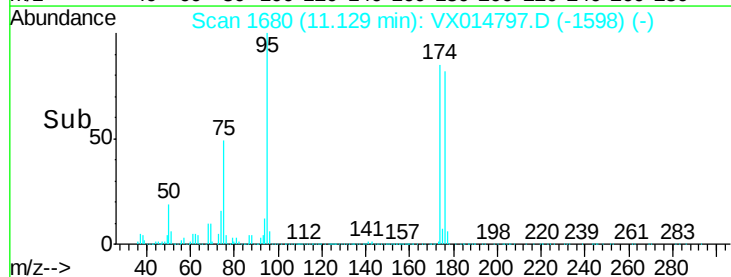
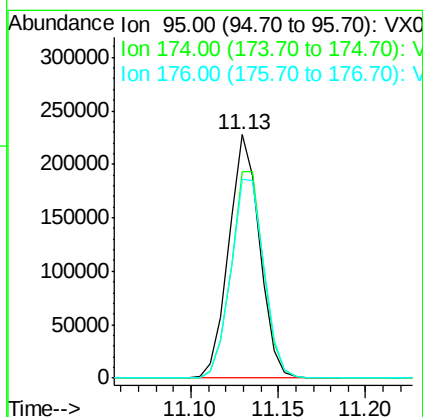
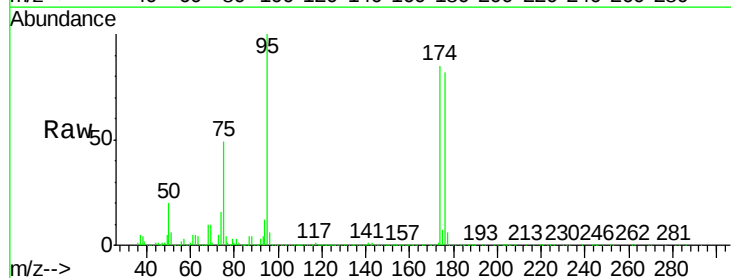
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

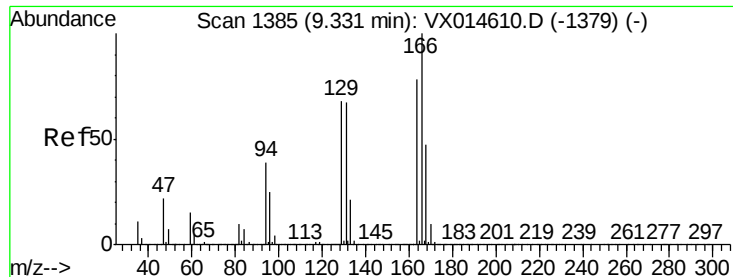
Tgt Ion: 43 Resp: 1356959
Ion Ratio Lower Upper
43 100
58 55.1 43.8 65.6
57 18.9 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.95 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion: 95 Resp: 278717
Ion Ratio Lower Upper
95 100
174 89.2 70.2 105.2
176 87.4 68.3 102.5

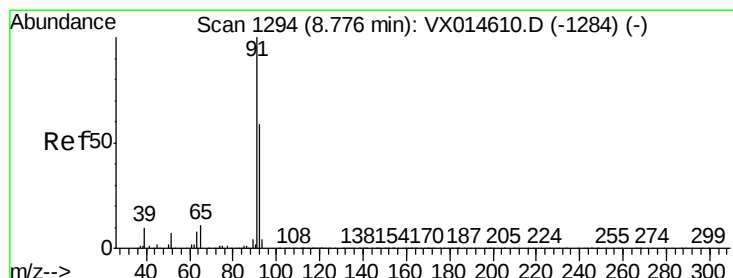
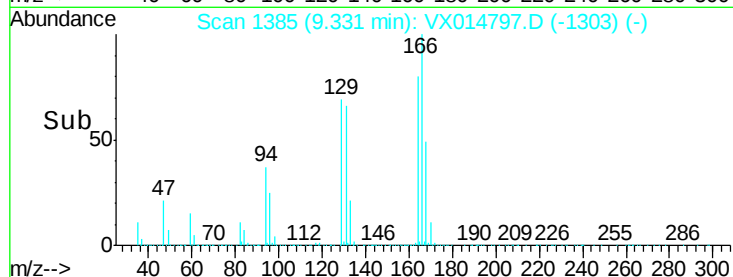
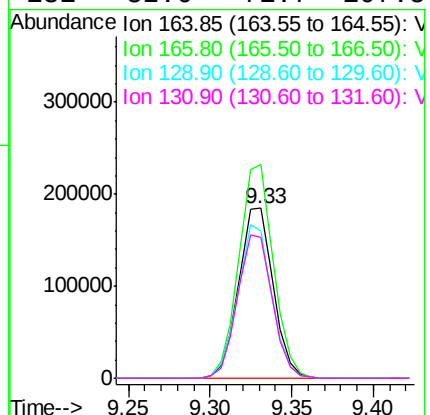
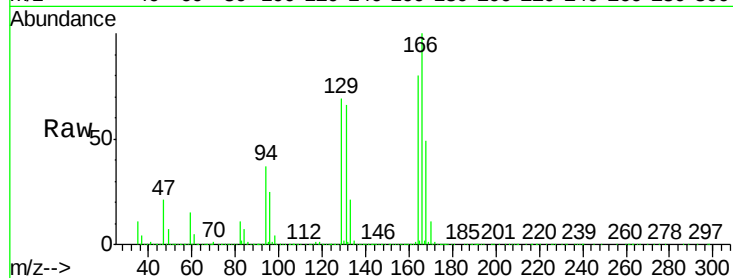




#61
Tetrachloroethene
Concen: 31.89 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

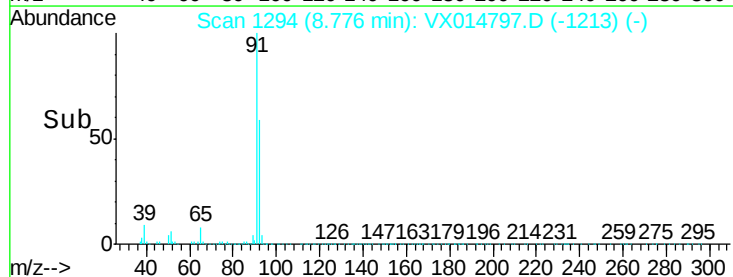
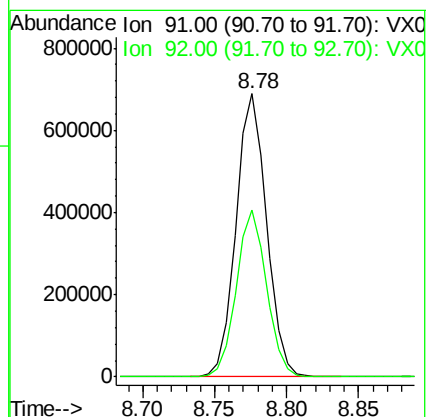
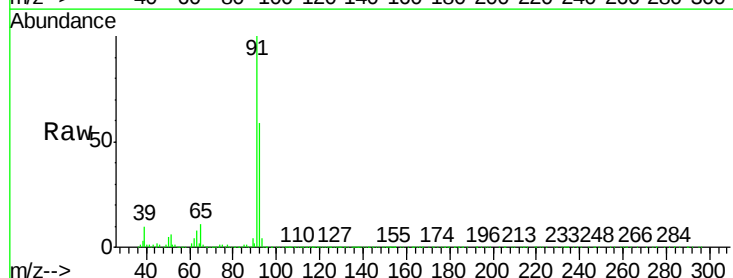
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

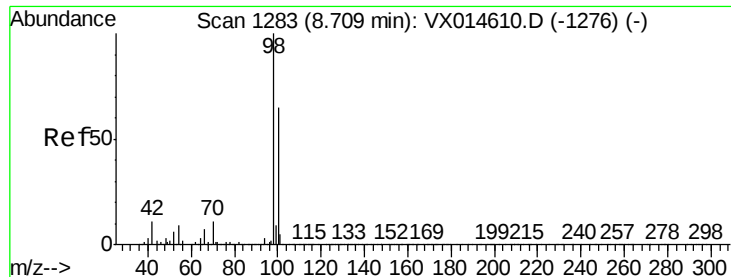
Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.2	156.2
129	86.4	71.6	107.4
131	82.6	71.7	107.5



#62
Toluene
Concen: 32.99 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.4	69.6





#63

Toluene-d8

Concen: 29.16 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

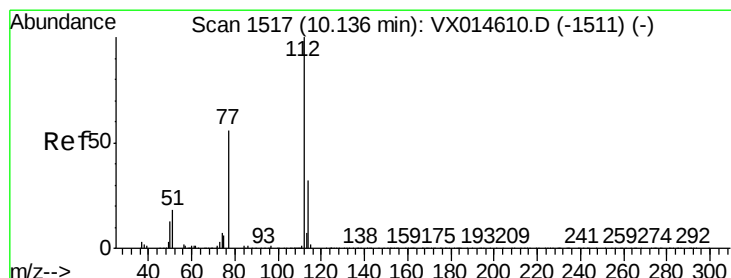
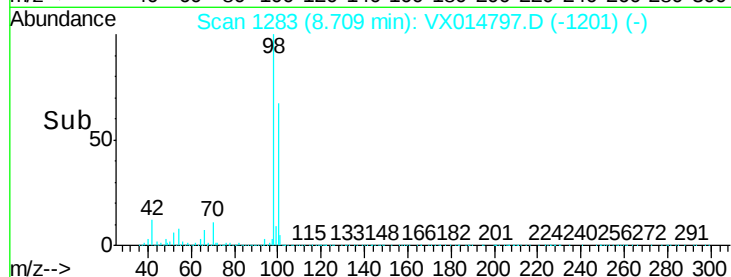
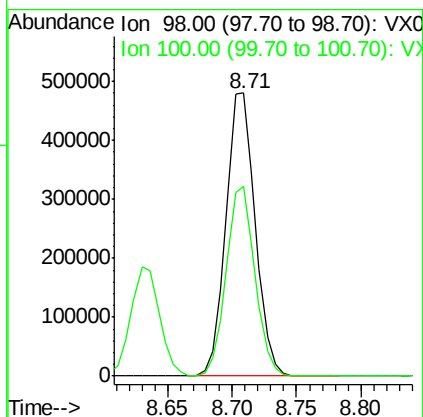
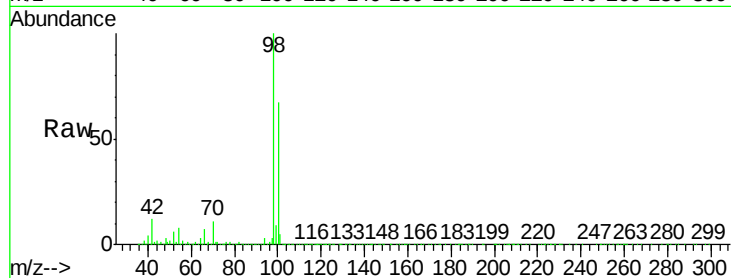
VSTDCCC050EC

Tgt Ion: 98 Resp: 766051

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#64

Chlorobenzene

Concen: 33.57 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014797.D

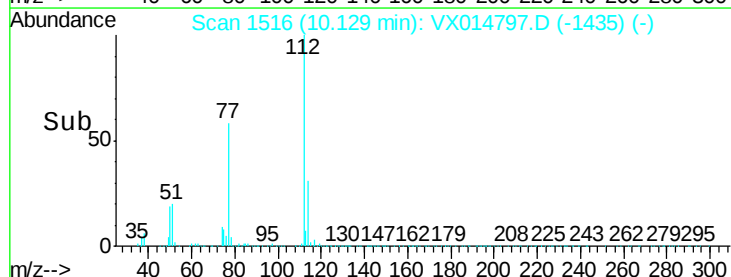
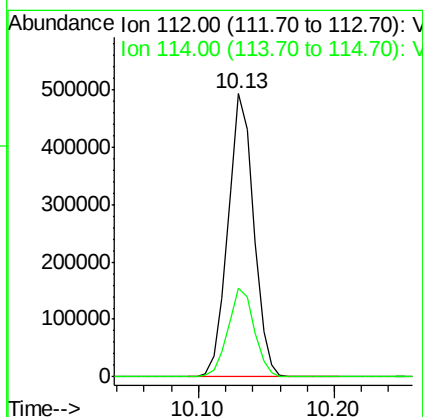
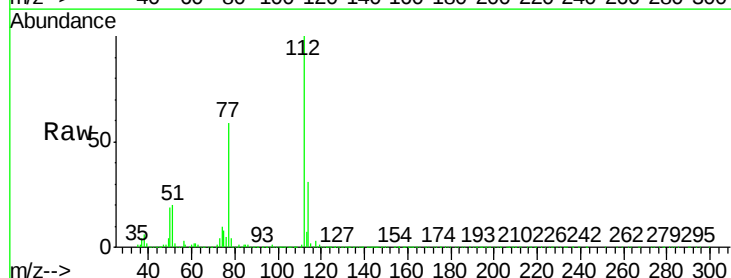
Acq: 03 Feb 2020 16:55

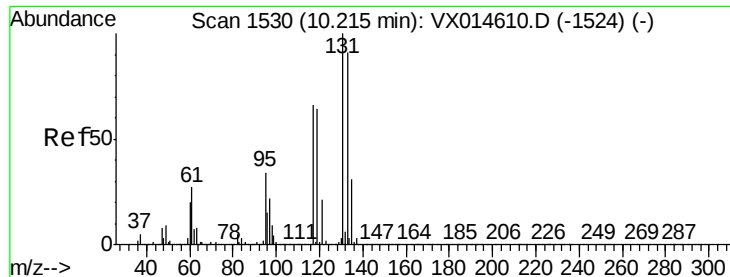
Tgt Ion: 112 Resp: 646492

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 34.07 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

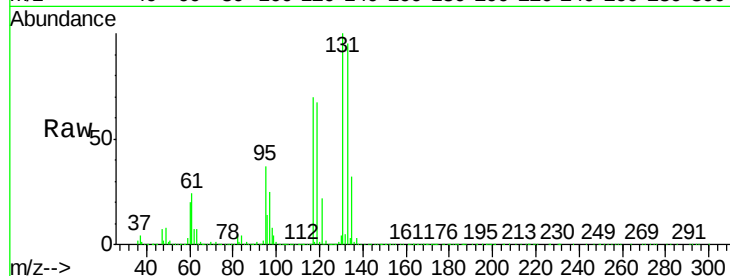
Tgt Ion: 131 Resp: 242348

Ion Ratio Lower Upper

131 100

133 95.6 0.0 189.8

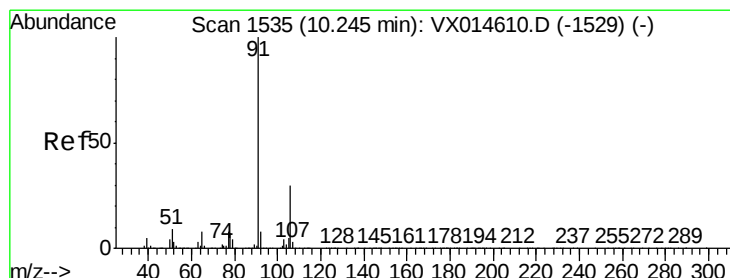
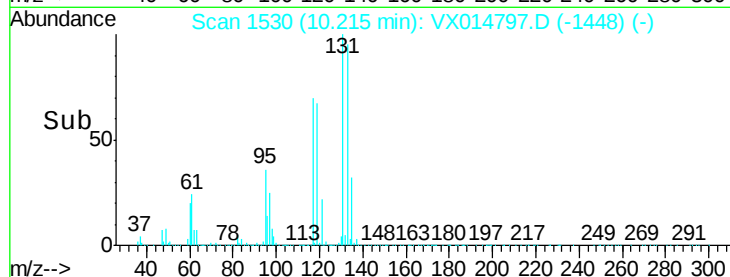
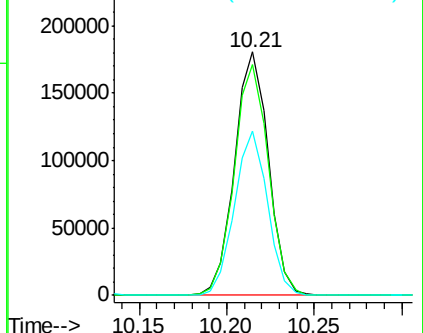
119 66.0 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 34.21 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014797.D

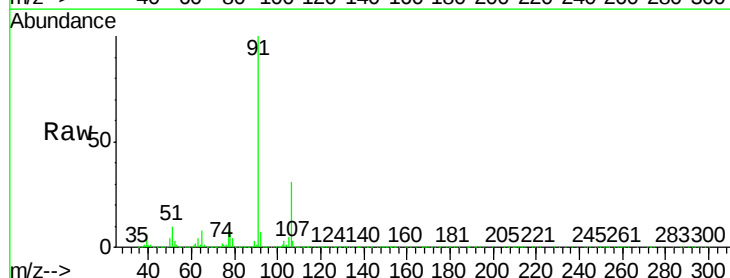
Acq: 03 Feb 2020 16:55

Tgt Ion: 91 Resp: 1149590

Ion Ratio Lower Upper

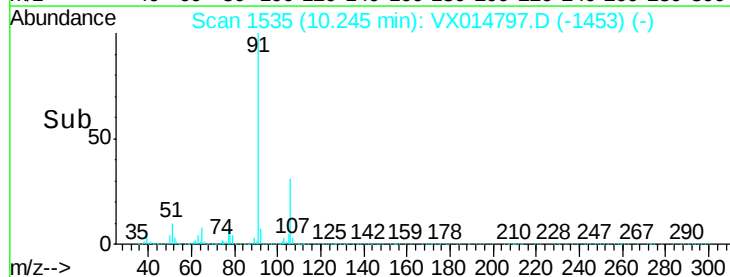
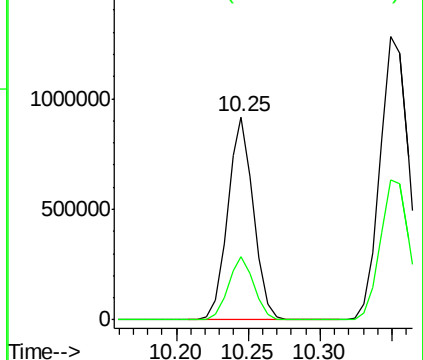
91 100

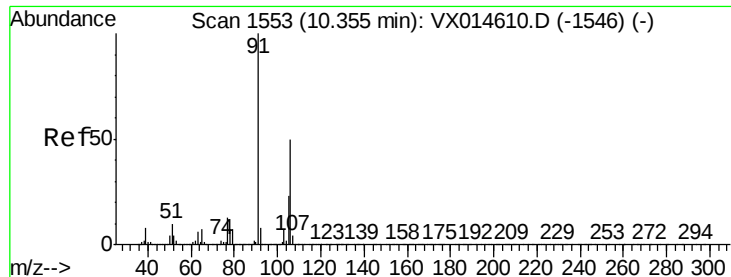
106 30.8 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 67.82 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

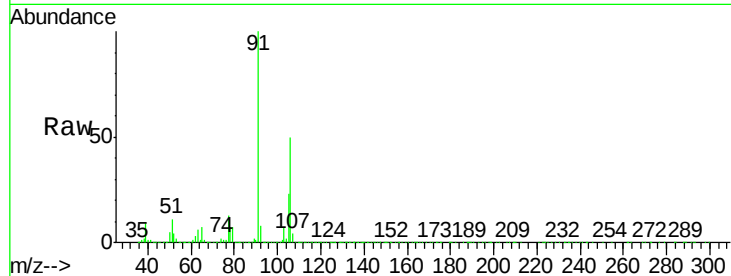
VSTDCCC050EC

Tgt Ion:106 Resp: 872949

Ion Ratio Lower Upper

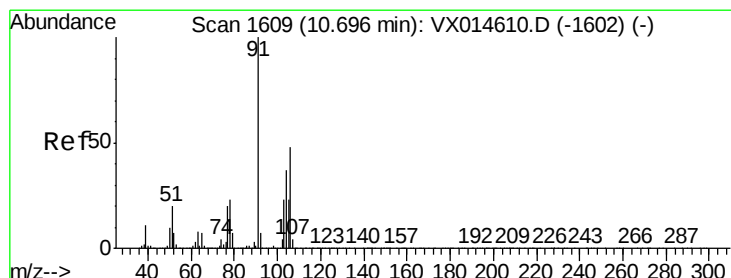
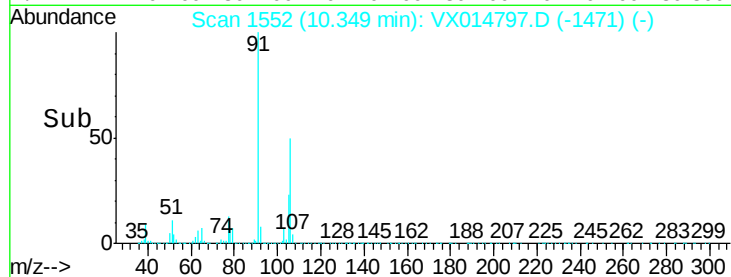
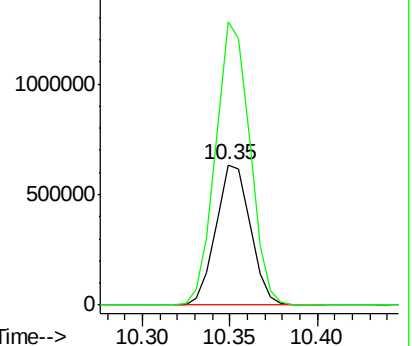
106 100

91 200.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 33.66 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014797.D

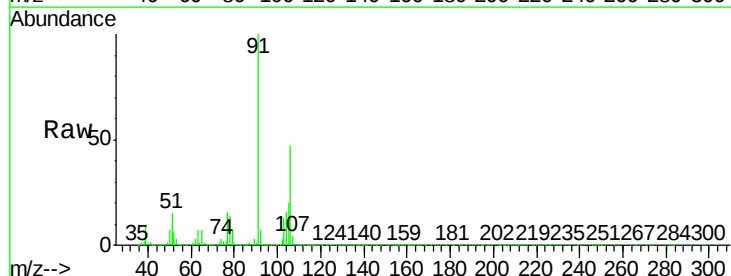
Acq: 03 Feb 2020 16:55

Tgt Ion:106 Resp: 421960

Ion Ratio Lower Upper

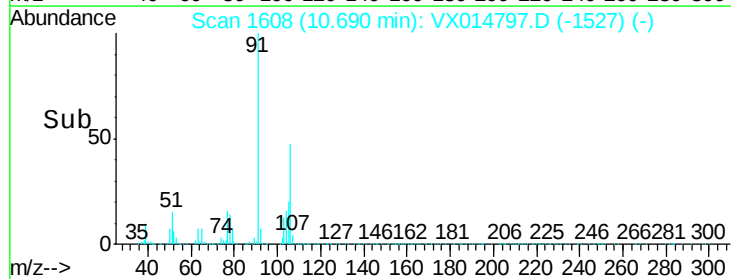
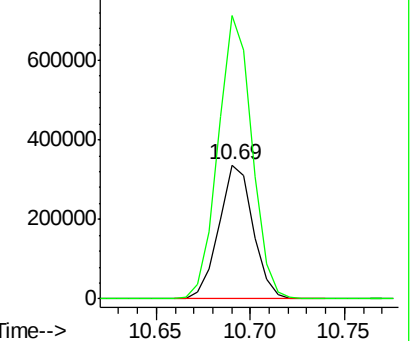
106 100

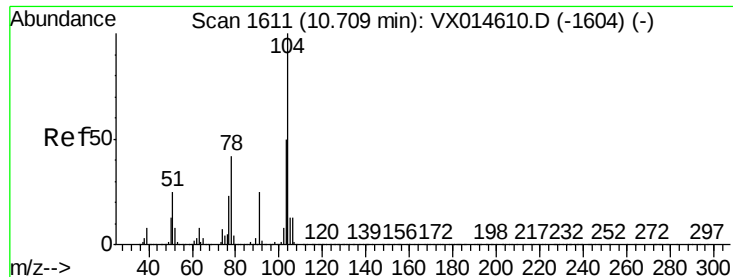
91 209.8 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

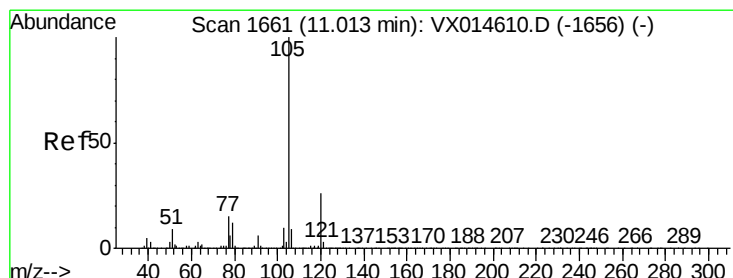
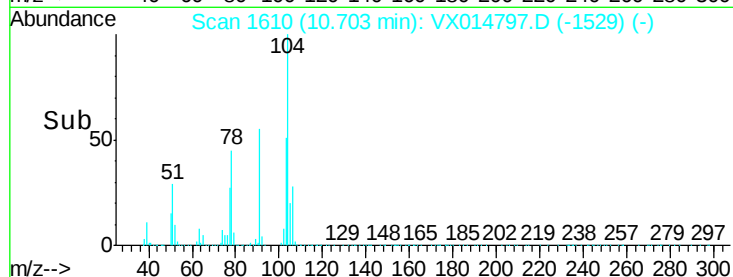
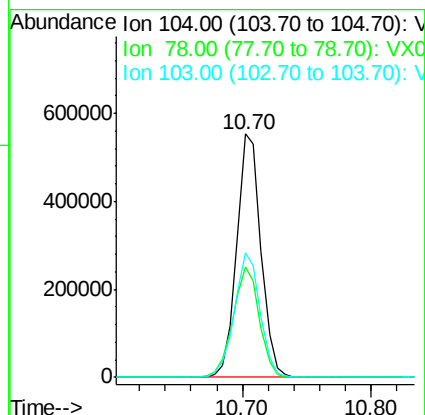
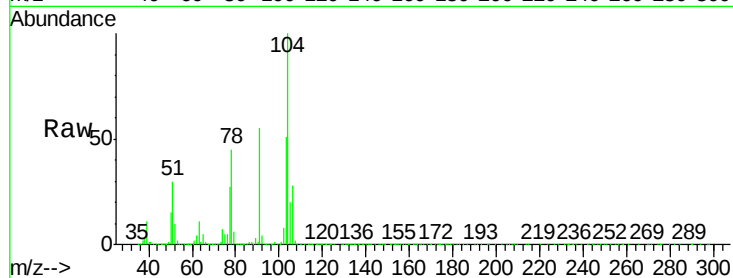




#69
Styrene
Concen: 34.15 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

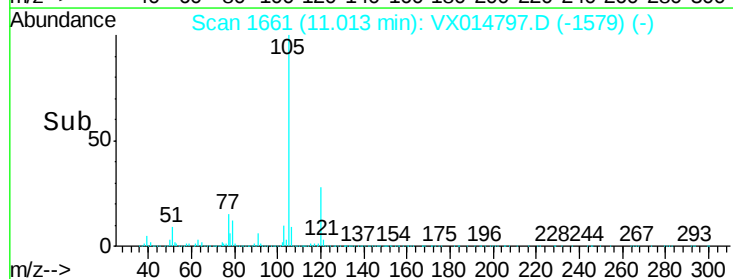
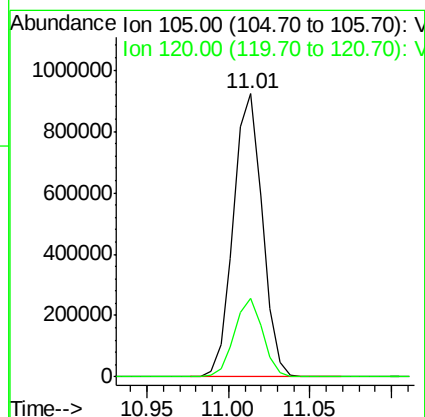
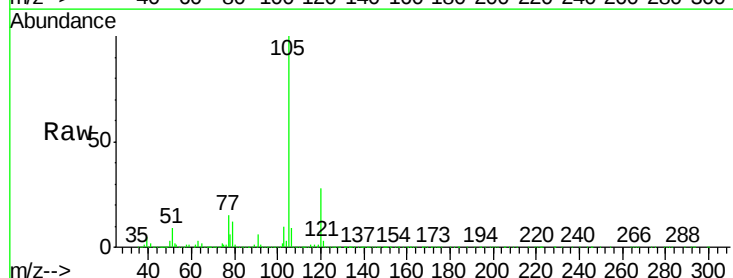
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

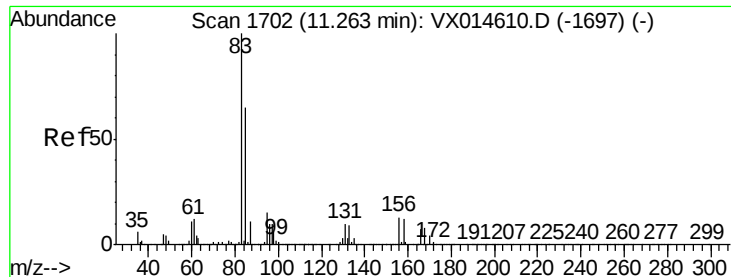
Tgt Ion:104 Resp: 725245
Ion Ratio Lower Upper
104 100
78 49.3 38.9 58.3
103 54.4 44.2 66.2



#70
Isopropylbenzene
Concen: 34.64 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion:105 Resp: 1137433
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5

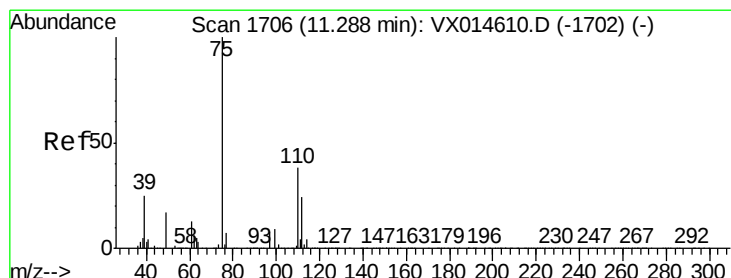
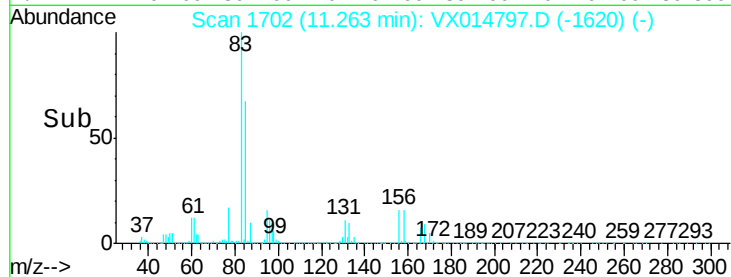
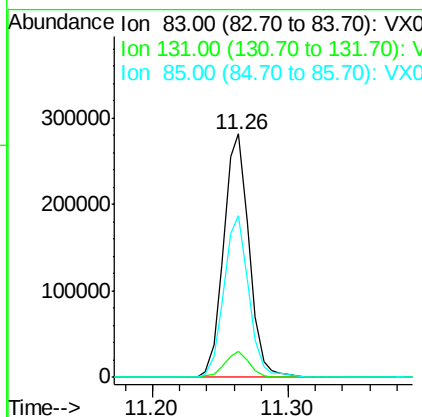
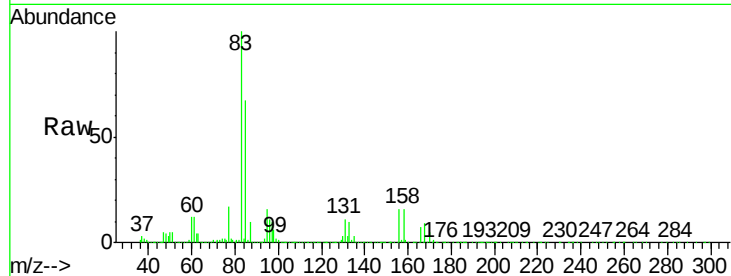




#71
 1,1,2,2-Tetrachloroethane
 Concen: 32.88 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

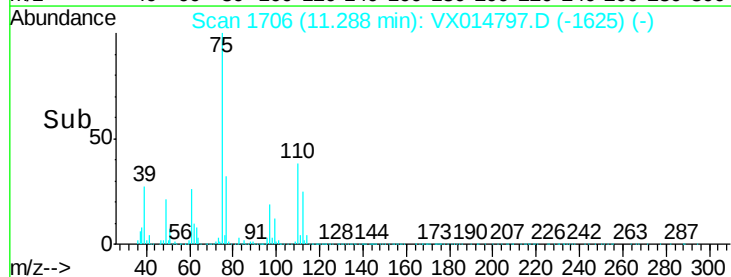
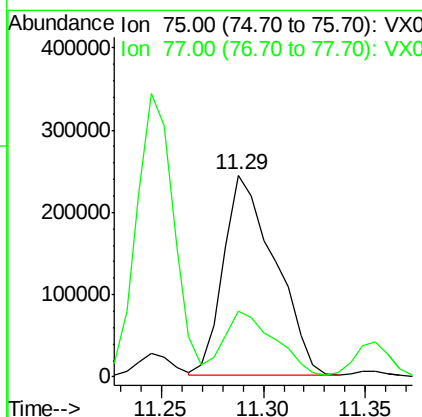
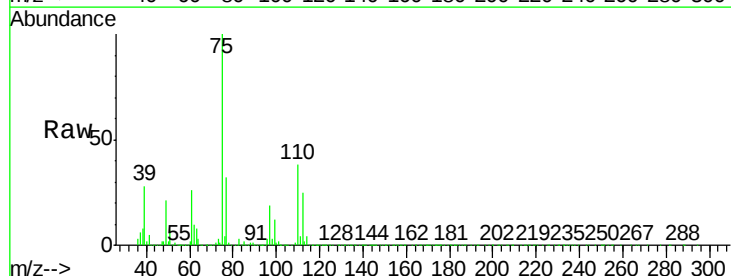
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

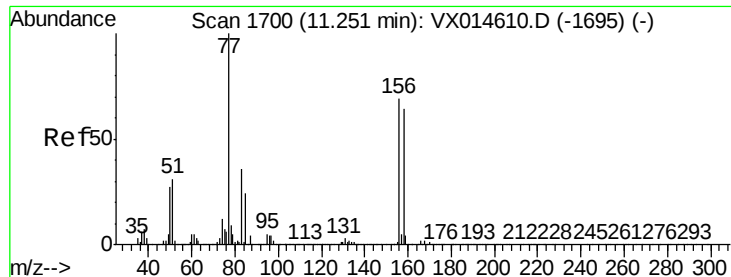
Tgt Ion: 83 Resp: 363705
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.9 14.7
 85 65.4 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 45.12 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion: 75 Resp: 426952
 Ion Ratio Lower Upper
 75 100
 77 31.2 0.0 68.4





#73

Bromobenzene

Concen: 33.60 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

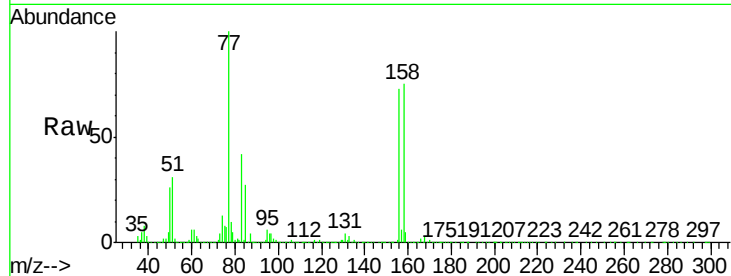
Tgt Ion: 156 Resp: 292458

Ion Ratio Lower Upper

156 100

77 148.7 0.0 304.6

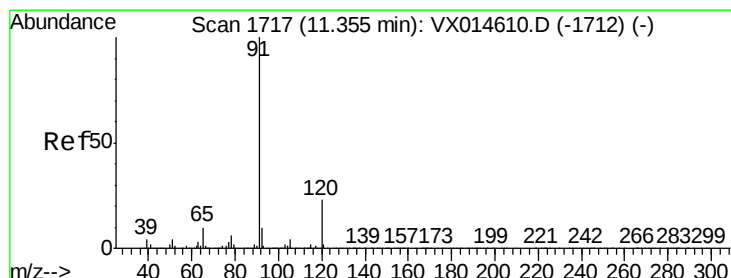
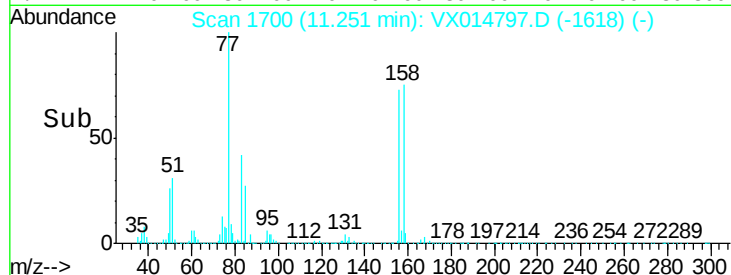
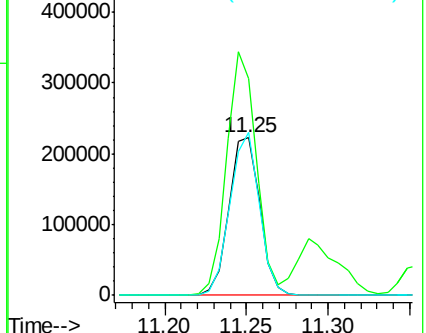
158 98.3 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 35.14 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014797.D

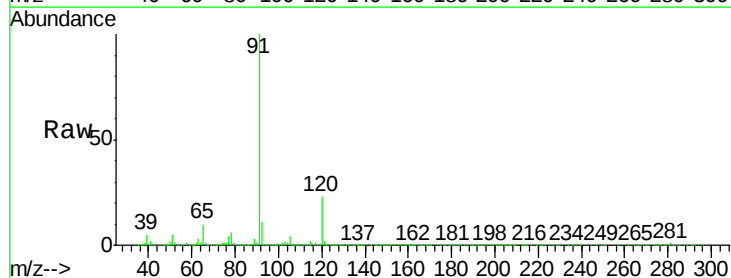
Acq: 03 Feb 2020 16:55

Tgt Ion: 91 Resp: 1318629

Ion Ratio Lower Upper

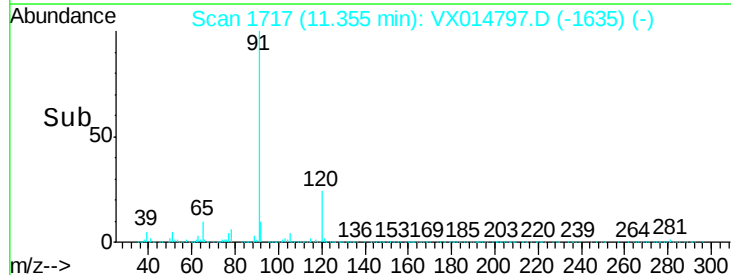
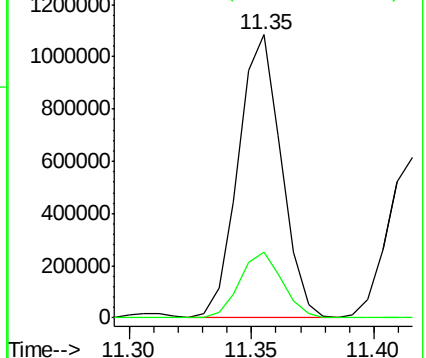
91 100

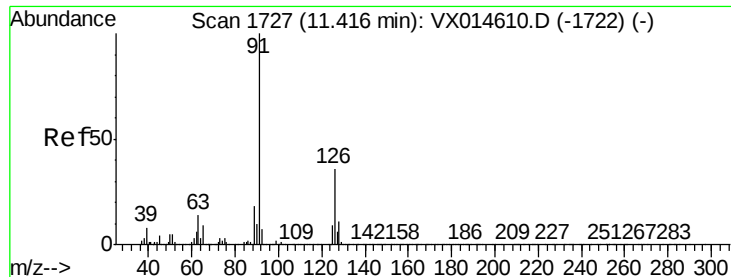
120 23.1 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 33.89 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

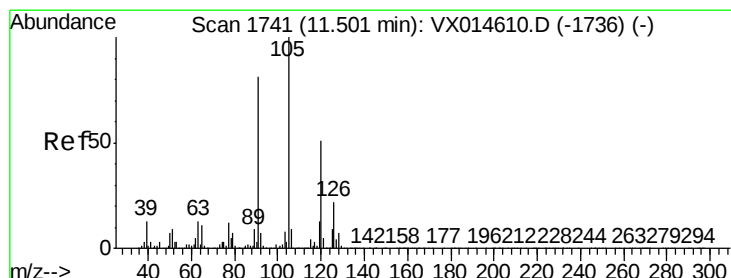
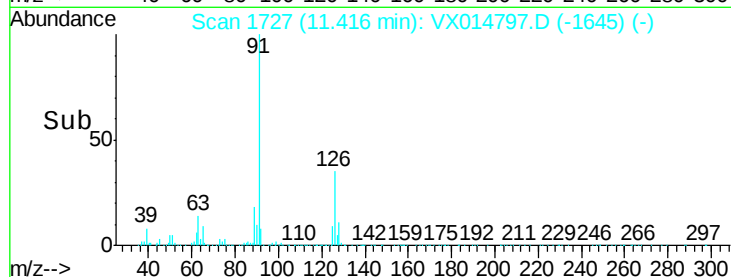
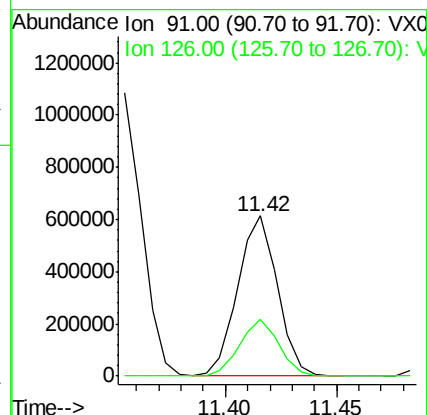
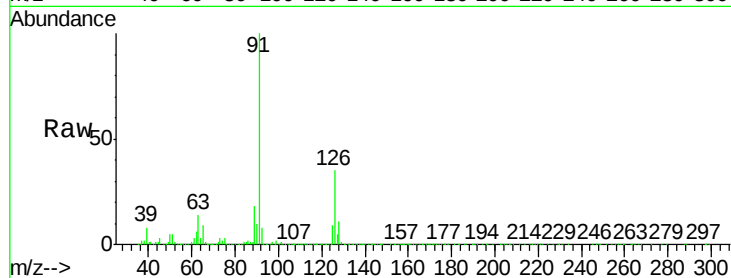
VSTDCCC050EC

Tgt Ion: 91 Resp: 762126

Ion Ratio Lower Upper

91 100

126 35.0 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 35.07 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014797.D

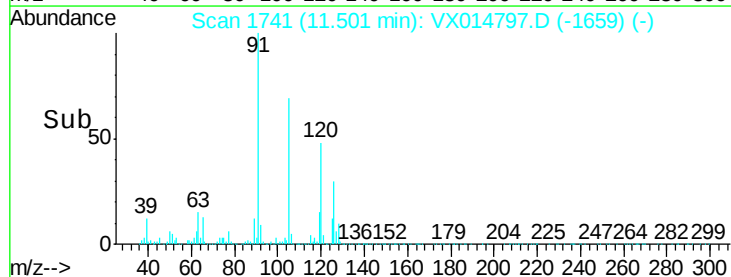
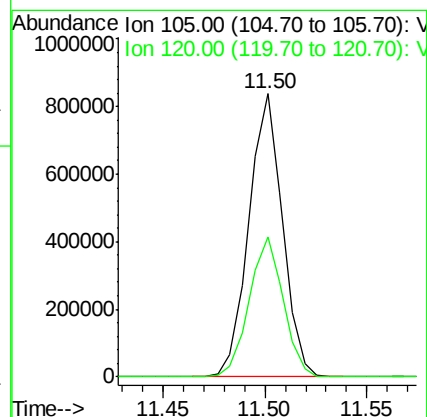
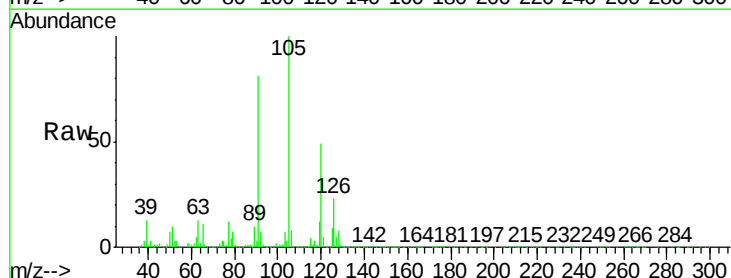
Acq: 03 Feb 2020 16:55

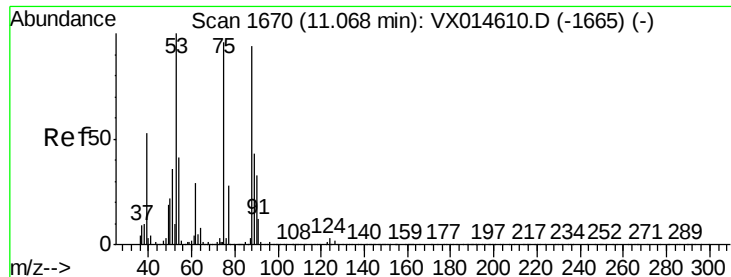
Tgt Ion: 105 Resp: 959462

Ion Ratio Lower Upper

105 100

120 49.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 35.26 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

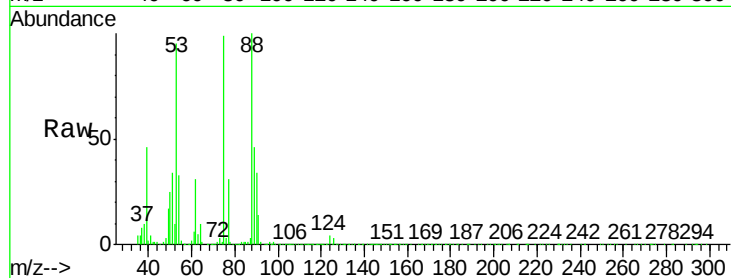
Tgt Ion: 75 Resp: 128392

Ion Ratio Lower Upper

75 100

53 95.2 54.4 163.1

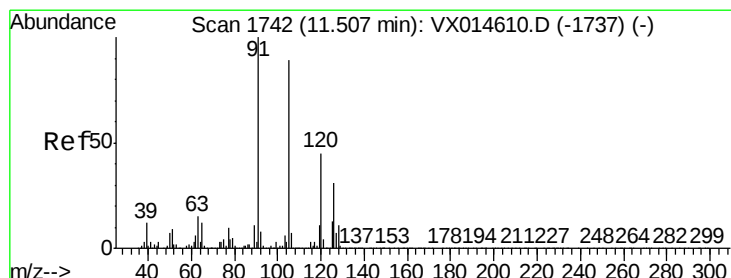
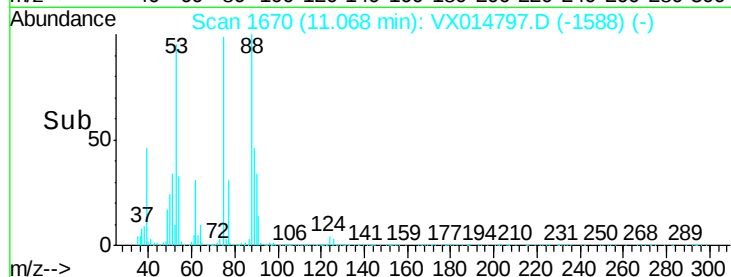
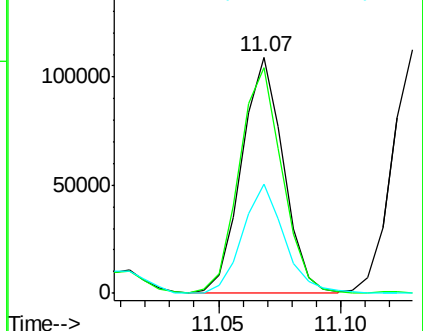
89 46.0 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 34.42 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014797.D

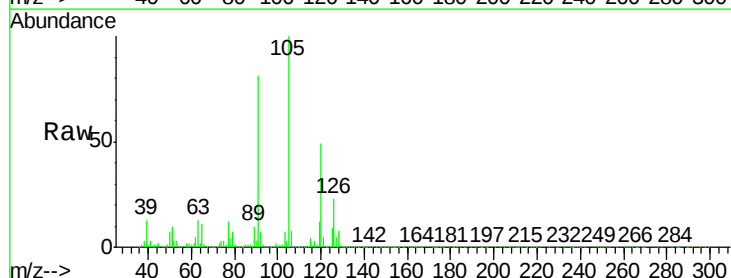
Acq: 03 Feb 2020 16:55

Tgt Ion: 91 Resp: 879064

Ion Ratio Lower Upper

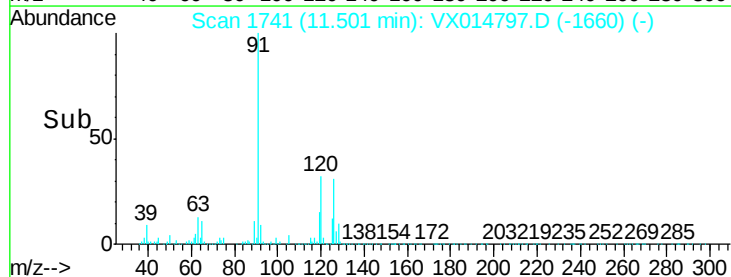
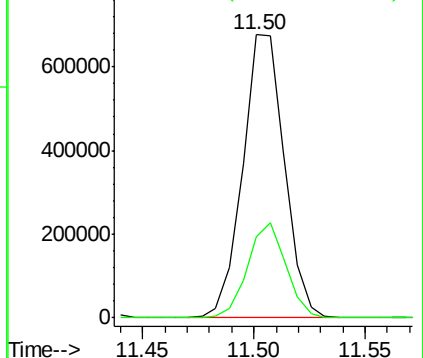
91 100

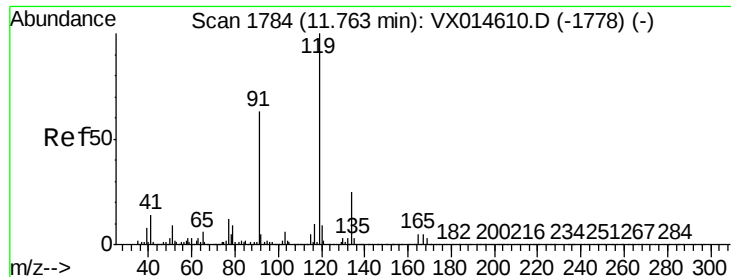
126 31.1 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 35.75 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

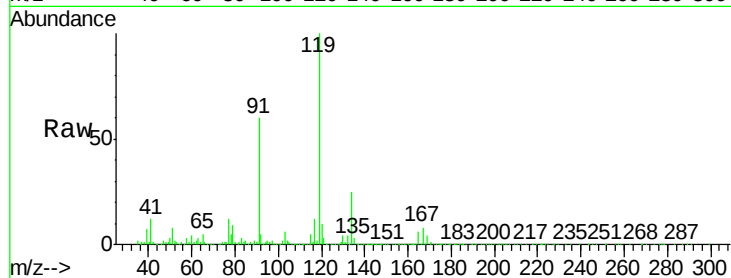
Tgt Ion:119 Resp: 915211

Ion Ratio Lower Upper

119 100

91 57.7 0.0 112.6

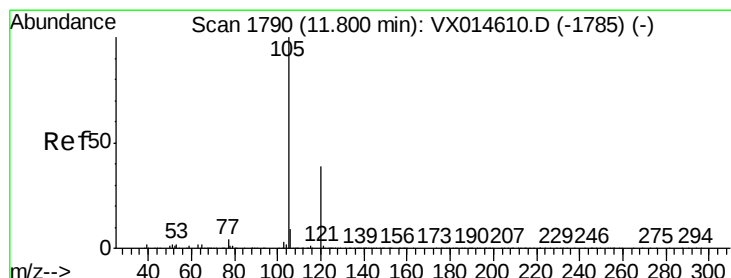
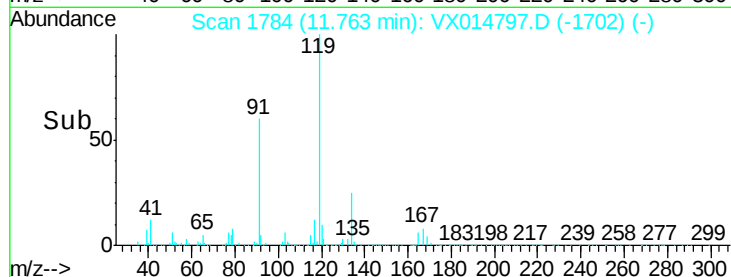
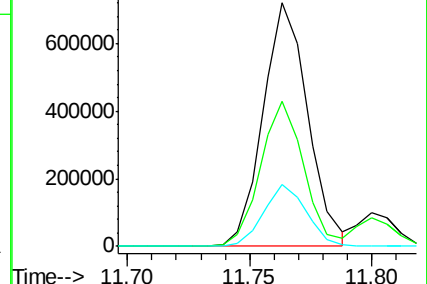
134 24.3 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 34.93 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014797.D

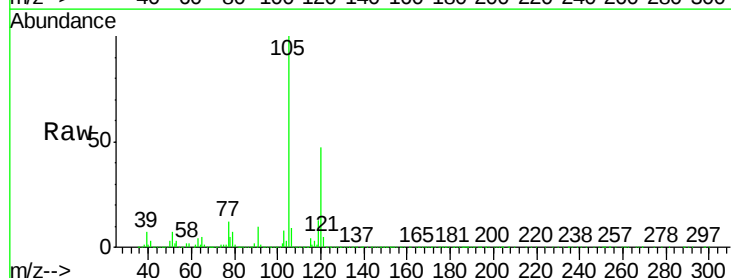
Acq: 03 Feb 2020 16:55

Tgt Ion:105 Resp: 953312

Ion Ratio Lower Upper

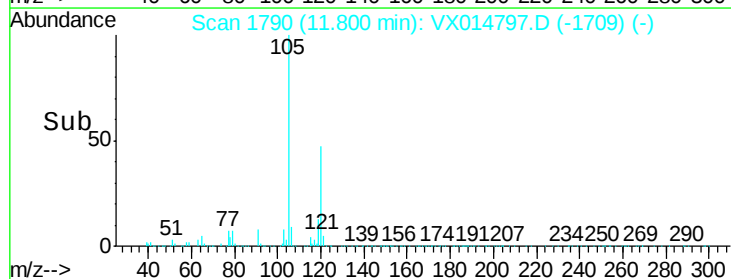
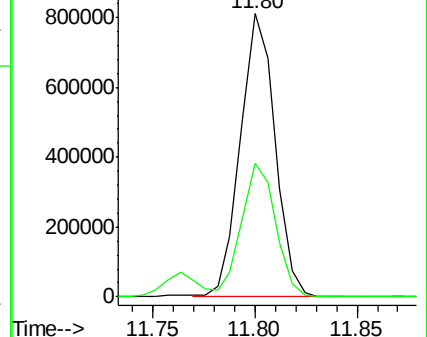
105 100

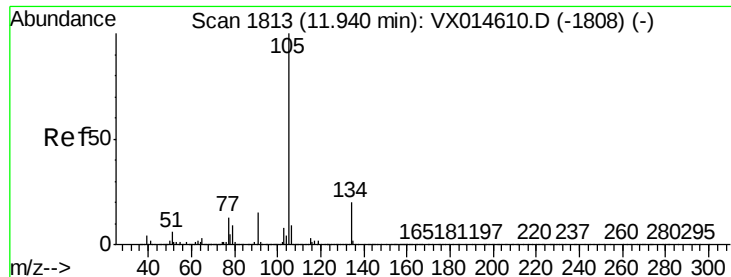
120 46.3 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

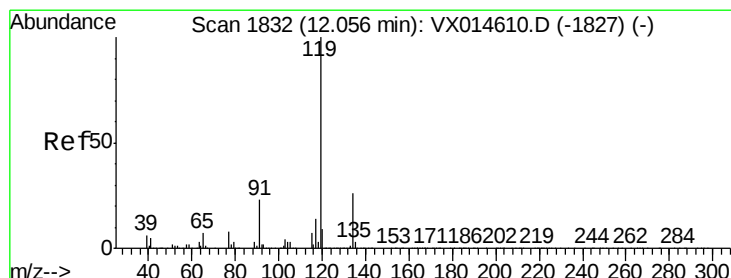
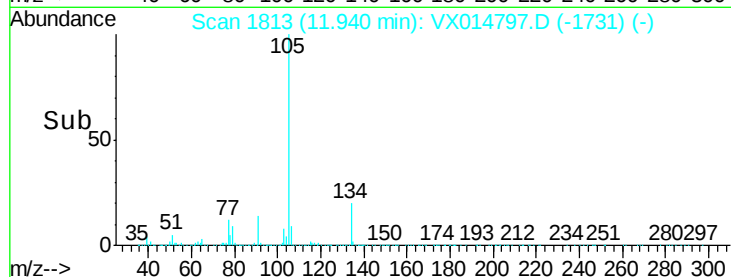
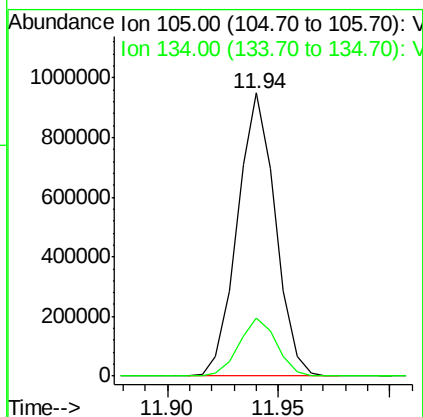
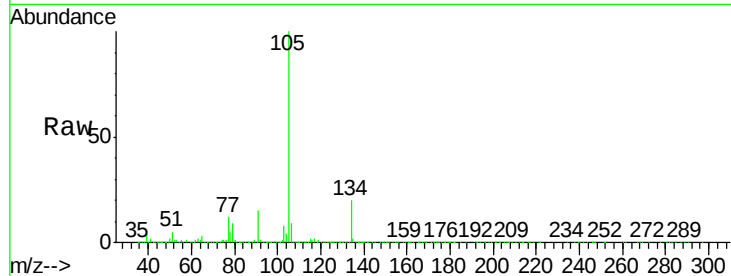




#81
 sec-Butylbenzene
 Concen: 35.43 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

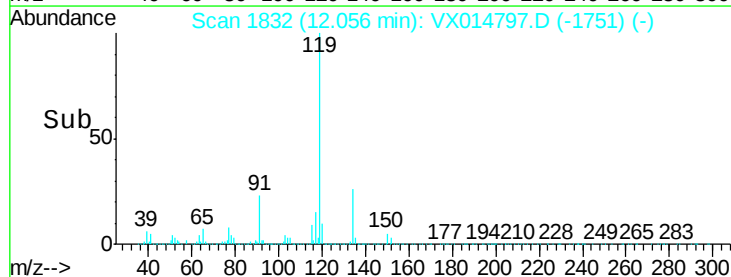
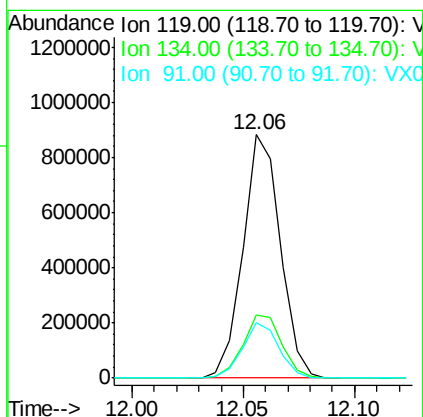
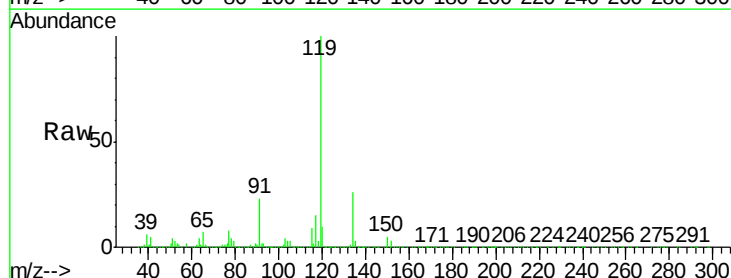
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

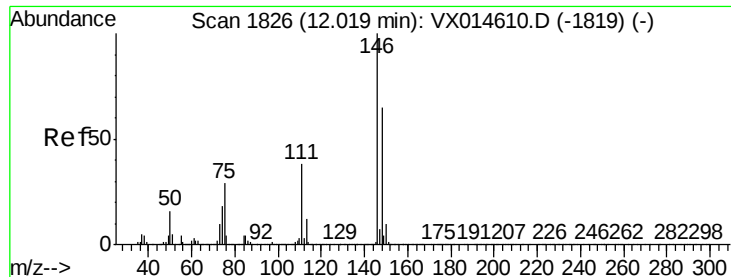
Tgt Ion:105 Resp: 1122317
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 35.83 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion:119 Resp: 1036252
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.8
 91 22.4 0.0 45.0

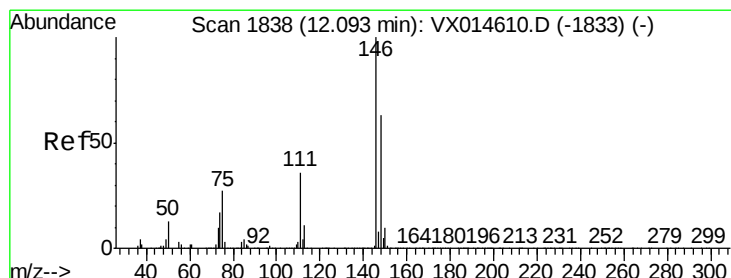
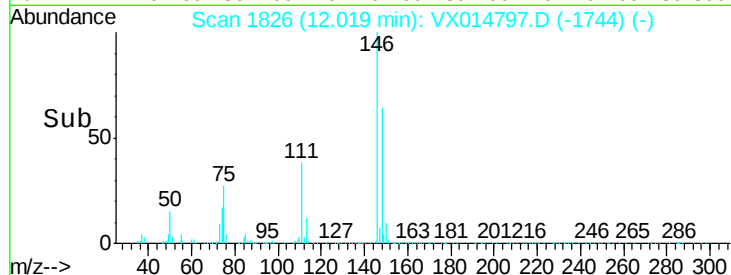
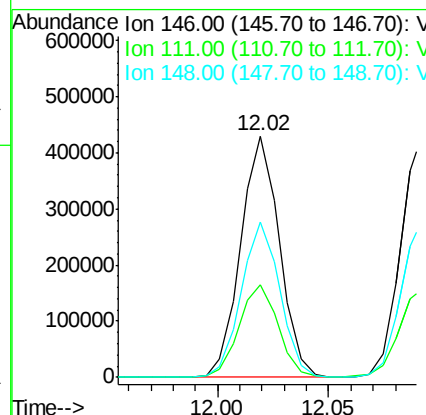
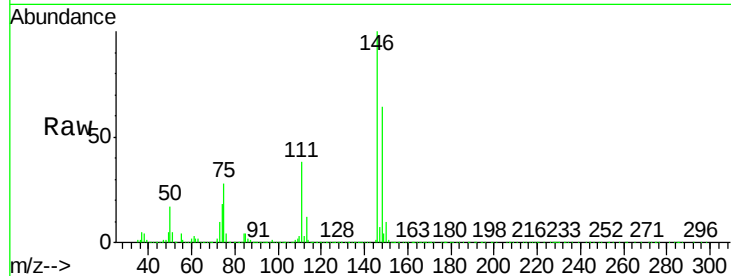




#83
 1,3-Dichlorobenzene
 Concen: 34.27 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

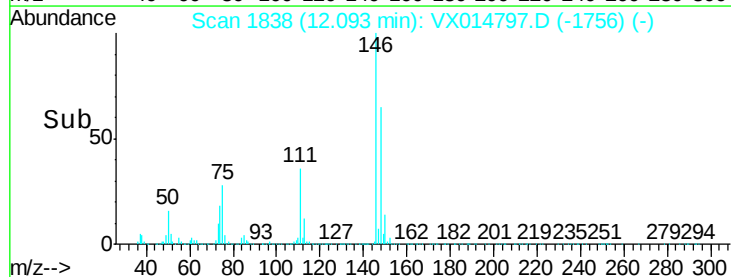
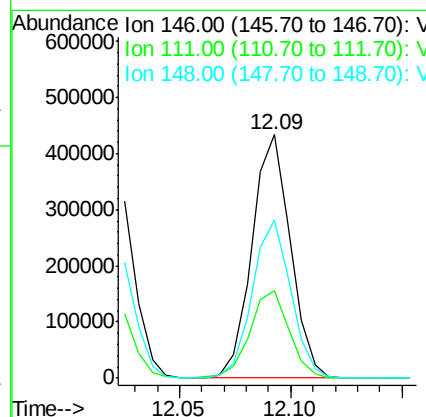
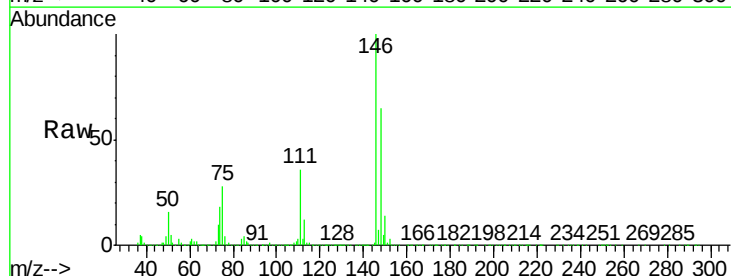
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

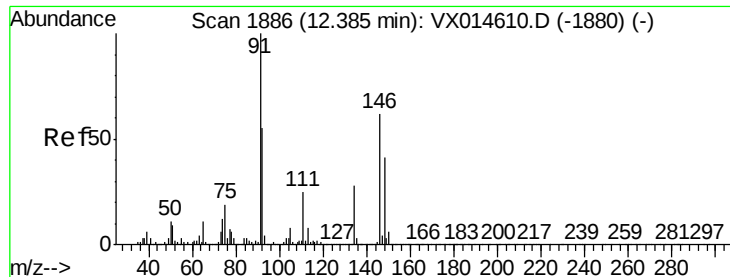
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.5	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 34.74 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014797.D
 Acq: 03 Feb 2020 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.4
148	65.1	32.0	96.0

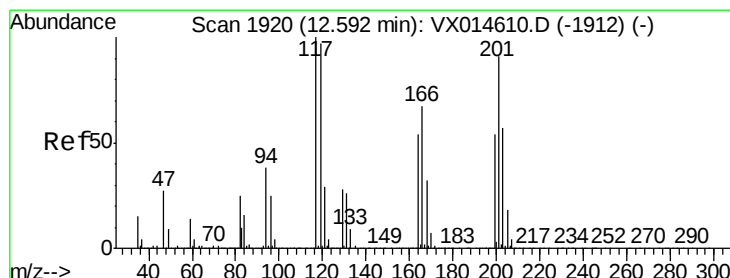
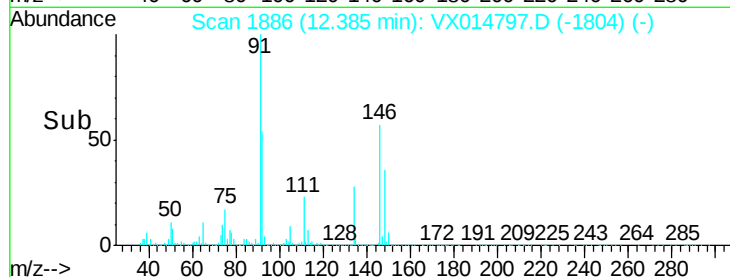
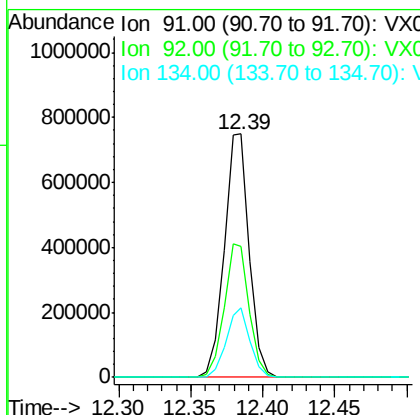
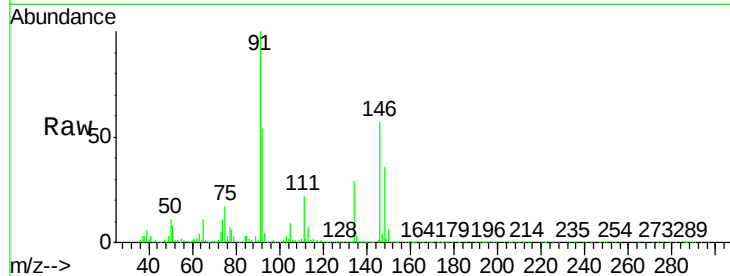




#85
n-Butylbenzene
Concen: 35.93 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

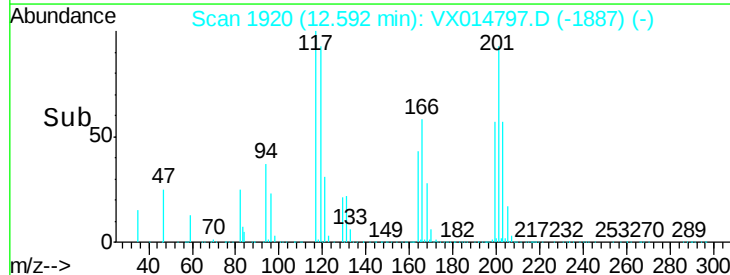
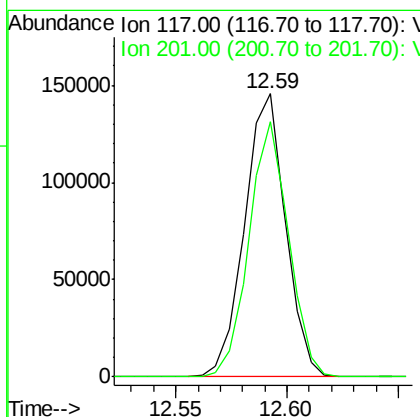
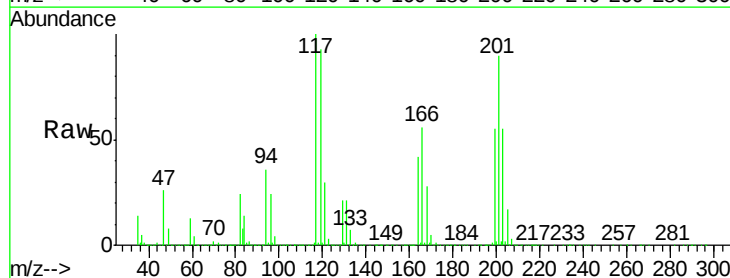
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

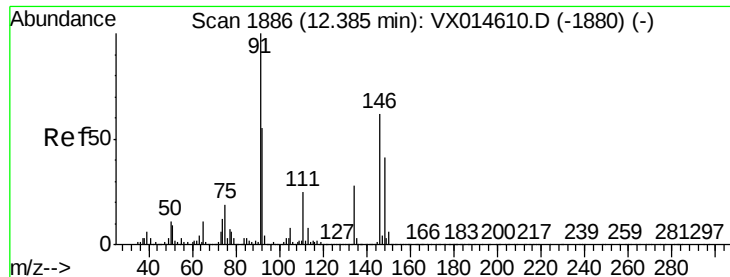
Tgt Ion: 91 Resp: 909239
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.0
134 26.9 0.0 54.0



#86
Hexachloroethane
Concen: 35.93 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014797.D
Acq: 03 Feb 2020 16:55

Tgt Ion: 117 Resp: 186327
Ion Ratio Lower Upper
117 100
201 87.4 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 33.93 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

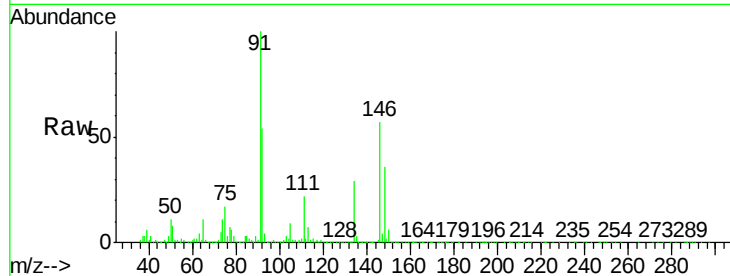
Tgt Ion:146 Resp: 520282

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

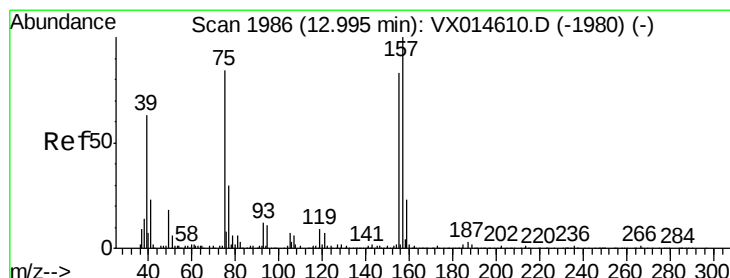
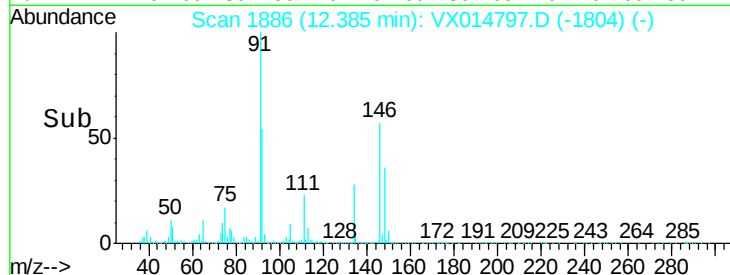
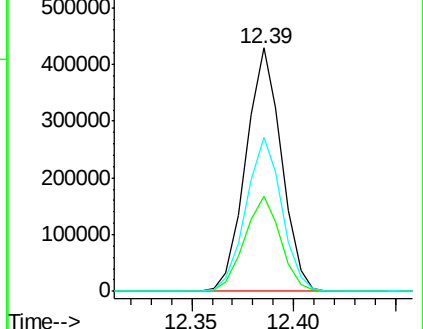
148 63.8 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 33.78 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

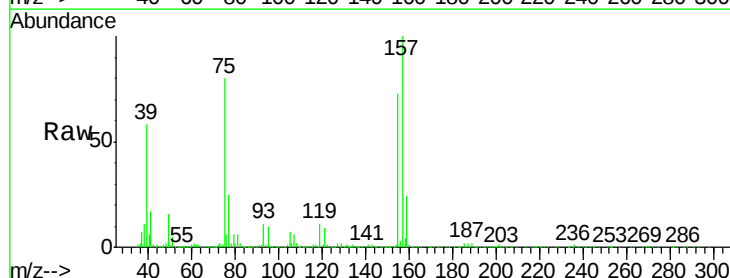
Tgt Ion: 75 Resp: 79822

Ion Ratio Lower Upper

75 100

155 92.7 73.8 110.6

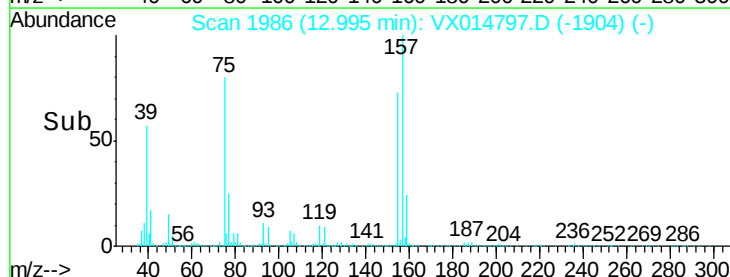
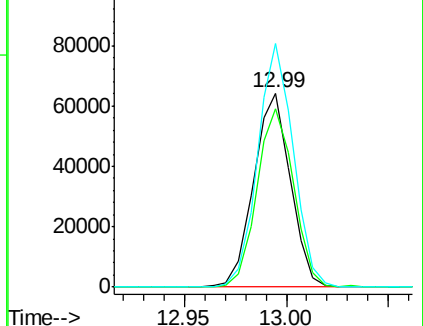
157 122.5 95.0 142.4

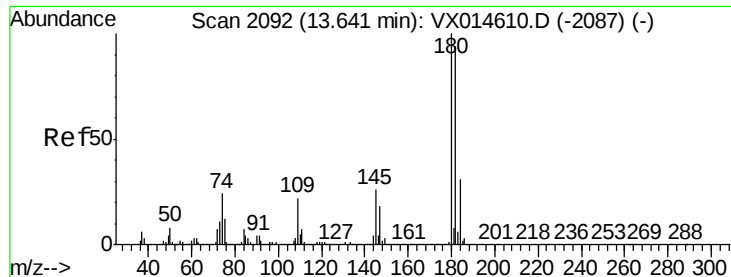


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#89

1,2,4-Trichlorobenzene

Concen: 35.56 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

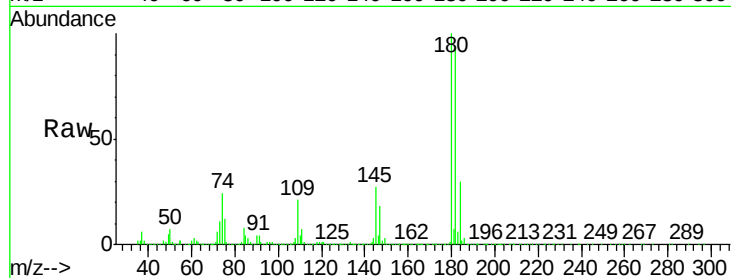
Tgt Ion:180 Resp: 359979

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

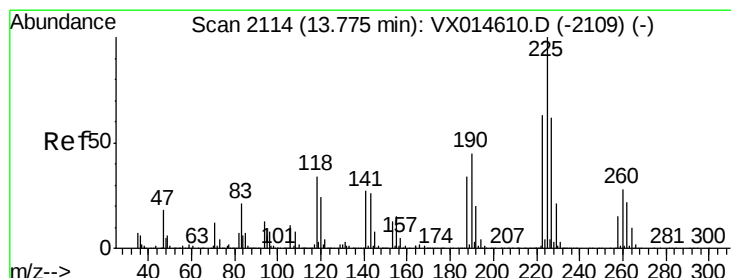
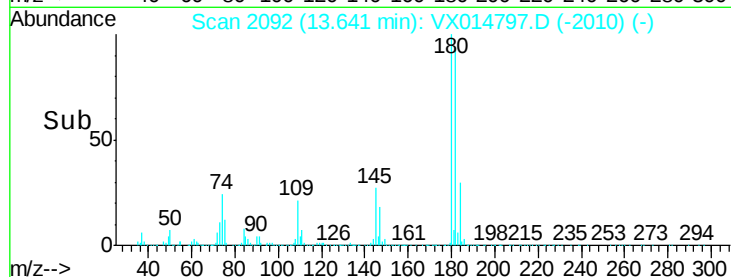
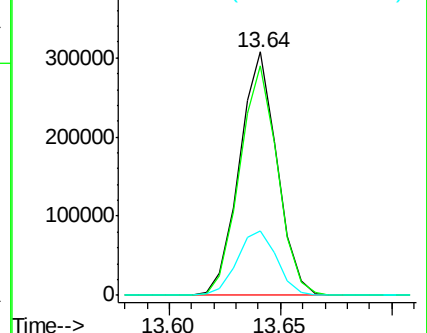
145 28.4 21.9 32.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 36.71 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

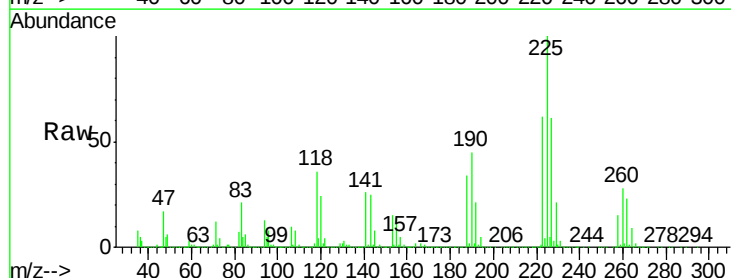
Tgt Ion:225 Resp: 185660

Ion Ratio Lower Upper

225 100

223 62.0 0.0 127.4

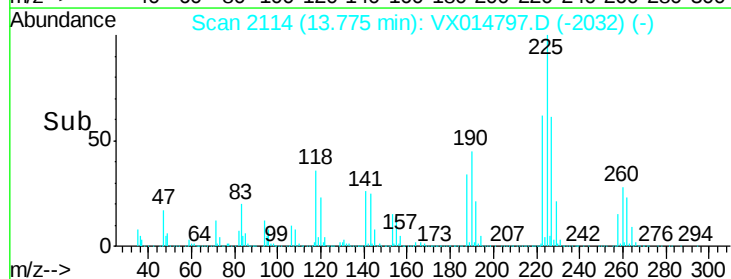
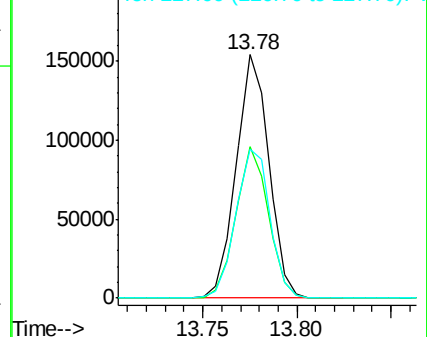
227 63.6 0.0 122.8

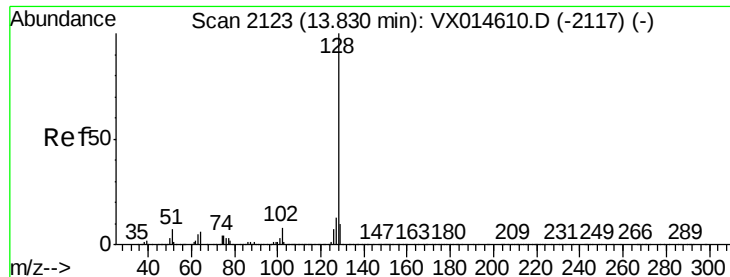


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 35.15 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

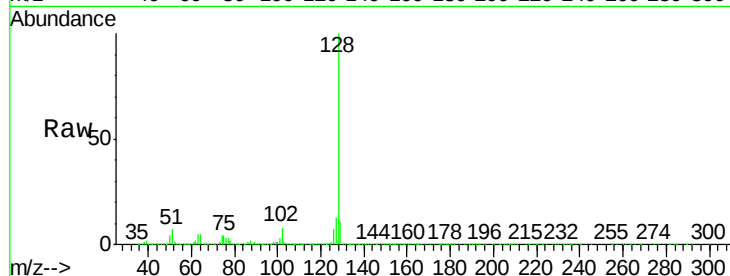
Tgt Ion:128 Resp: 1074069

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

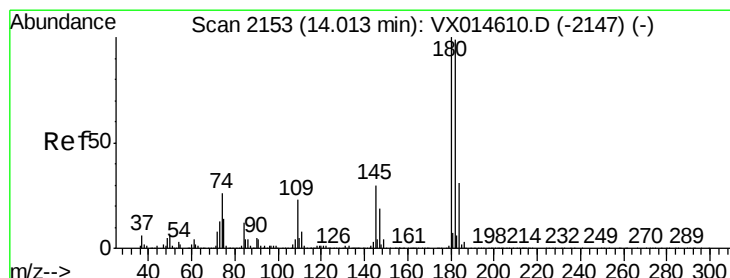
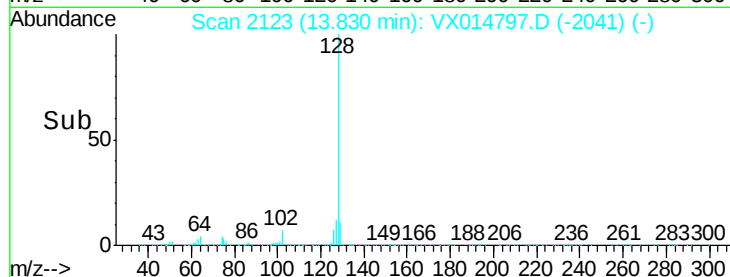
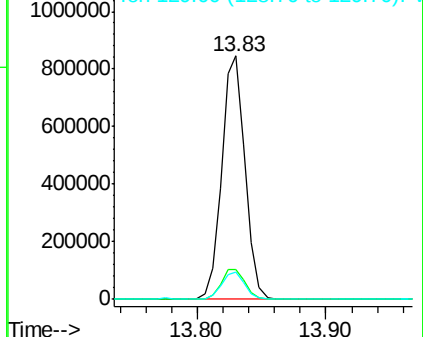
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 35.73 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014797.D

Acq: 03 Feb 2020 16:55

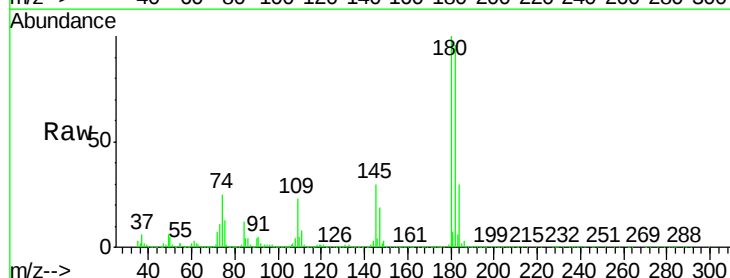
Tgt Ion:180 Resp: 368116

Ion Ratio Lower Upper

180 100

182 95.3 0.0 192.8

145 29.7 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

