

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015855.D
 Acq On : 22 Apr 2020 20:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 23 04:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	885109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1352917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1292647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	683187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	526880	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
35) Dibromofluoromethane	5.47	113	398926	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	8.70	98	1610825	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	662608	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	419381	55.354	ug/l	99
3) Chloromethane	1.31	50	395176	50.929	ug/l	99
4) Vinyl Chloride	1.39	62	434016	48.324	ug/l	100
5) Bromomethane	1.62	94	161380	53.574	ug/l	100
6) Chloroethane	1.71	64	251969	49.232	ug/l	99
7) Trichlorofluoromethane	1.92	101	570652	51.210	ug/l	98
8) Diethyl Ether	2.17	74	218457	48.343	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	367495	48.616	ug/l	99
10) Methyl Iodide	2.49	142	435377	46.619	ug/l	99
11) Tert butyl alcohol	3.01	59	513598	249.703	ug/l	100
12) 1,1-Dichloroethene	2.36	96	382551	49.346	ug/l	99
13) Acrolein	2.27	56	288729	237.242	ug/l	99
14) Allyl chloride	2.71	41	814168	49.422	ug/l	98
15) Acrylonitrile	3.12	53	1219122	255.355	ug/l	100
16) Acetone	2.42	43	1000190	228.179	ug/l	99
17) Carbon Disulfide	2.55	76	1000447	35.536	ug/l	99
18) Methyl Acetate	2.75	43	695651	48.073	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1413204	51.636	ug/l	99
20) Methylene Chloride	2.84	84	437581	49.175	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	422794	49.153	ug/l	98
22) Diisopropyl ether	3.83	45	1523657	51.315	ug/l	93
23) Vinyl Acetate	3.79	43	6247094	254.208	ug/l	100
24) 1,1-Dichloroethane	3.67	63	785384	50.748	ug/l	99
25) 2-Butanone	4.64	43	1734297	250.321	ug/l	99
26) 2,2-Dichloropropane	4.56	77	656260	47.471	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	499395	51.140	ug/l	97
28) Bromochloromethane	4.99	49	372490	45.870	ug/l	# 98
29) Tetrahydrofuran	5.09	42	1138556	248.452	ug/l	99
30) Chloroform	5.18	83	775456	49.802	ug/l	96
31) Cyclohexane	5.55	56	732823	49.825	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	712244	51.303	ug/l	100
36) 1,1-Dichloropropene	5.78	75	597103	49.784	ug/l	100
37) Ethyl Acetate	4.80	43	688054	48.202	ug/l	99
38) Carbon Tetrachloride	5.76	117	605042	51.214	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	714733	47.057	ug/l	98
40) Benzene	6.12	78	1772997	49.081	ug/l	100
41) Methacrylonitrile	5.00	41	400718	50.520	ug/l	100
42) 1,2-Dichloroethane	6.17	62	635636	48.865	ug/l	99
43) Isopropyl Acetate	6.42	43	1186262	49.267	ug/l	99
44) Trichloroethene	7.19	130	610430	48.084	ug/l	98
45) 1,2-Dichloropropane	7.50	63	474577	50.131	ug/l	99
46) Dibromomethane	7.64	93	329790	47.722	ug/l	97
47) Bromodichloromethane	7.88	83	620894	50.504	ug/l	99
48) Methyl methacrylate	7.75	41	590408	49.848	ug/l	99
49) 1,4-Dioxane	7.72	88	207507	927.033	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3455471	248.626	ug/l	100
52) Toluene	8.76	92	1140162	49.241	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	756297	49.580	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	782711	48.549	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	453768	50.188	ug/l	100
56) Ethyl methacrylate	9.16	69	753324	49.190	ug/l	99
57) 1,3-Dichloropropane	9.36	76	777830	49.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1917479	250.633	ug/l	99
59) 2-Hexanone	9.48	43	2600194	245.584	ug/l	100
60) Dibromochloromethane	9.57	129	490567	52.540	ug/l	96
61) 1,2-Dibromoethane	9.65	107	483154	48.351	ug/l	99
64) Tetrachloroethene	9.32	164	774228	44.436	ug/l	96
65) Chlorobenzene	10.12	112	1220332	47.210	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	482620	49.949	ug/l	99
67) Ethyl Benzene	10.24	91	2175246	47.921	ug/l	99
68) m/p-Xylenes	10.34	106	1634832	95.951	ug/l	99
69) o-Xylene	10.68	106	814258	48.565	ug/l	99
70) Styrene	10.70	104	1434160	49.401	ug/l	99
71) Bromoform	10.84	173	340223	54.036	ug/l	96
73) Isopropylbenzene	11.00	105	2160773	49.800	ug/l	99
74) N-amyl acetate	10.88	43	1084614	48.421	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	463364	50.461	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	847059	65.202	ug/l	83
77) Bromobenzene	11.24	156	591980	49.934	ug/l	99
78) n-propylbenzene	11.34	91	2458243	49.457	ug/l	99
79) 2-Chlorotoluene	11.40	91	1483657	49.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1836841	49.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	257727	47.722	ug/l	99
82) 4-Chlorotoluene	11.50	91	1755218	49.473	ug/l	98
83) tert-Butylbenzene	11.76	119	1615390	49.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1877676	48.885	ug/l	99
85) sec-Butylbenzene	11.93	105	2129588	49.226	ug/l	100
86) p-Isopropyltoluene	12.05	119	1978855	48.918	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1028402	47.256	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1022523	46.938	ug/l	97
89) n-Butylbenzene	12.37	91	1705080	47.144	ug/l	98
90) Hexachloroethane	12.58	117	269935	63.166	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	985855	47.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	136455	50.109	ug/l	97

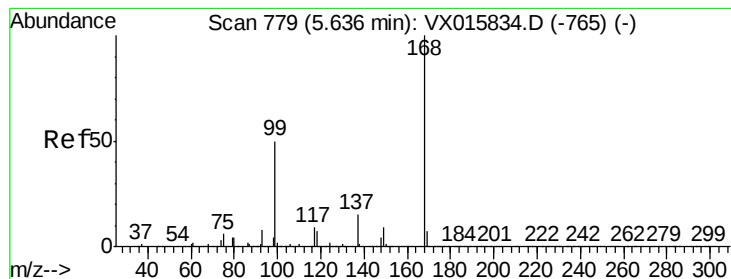
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QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	793996	48.822	ug/l	96
94) Hexachlorobutadiene	13.77	225	363863	49.901	ug/l	94
95) Naphthalene	13.82	128	2261126	48.326	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	770496	48.561	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

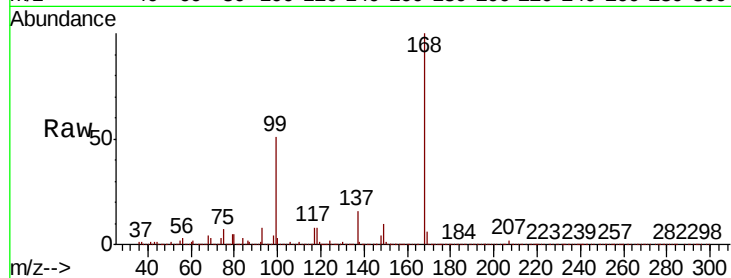
VSTDCCC050EC

Tot Ion:168 Resp: 885109

Ion Ratio Lower Upper

168 100

99 50.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

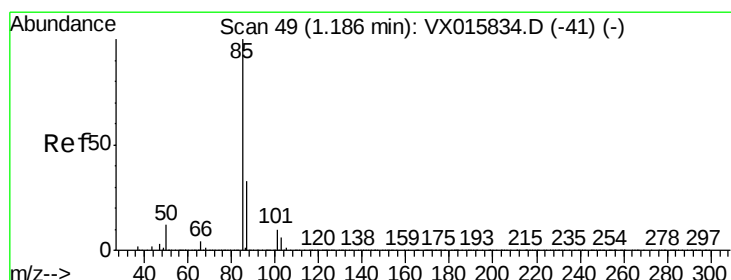
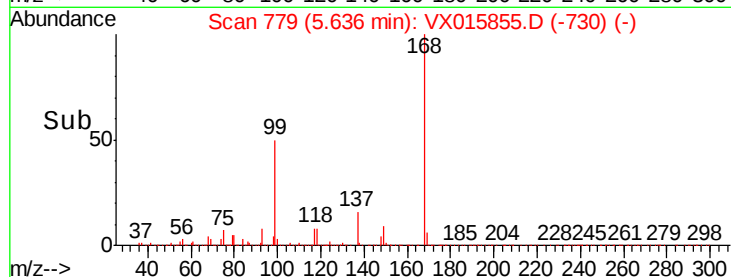
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 55.354 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015855.D

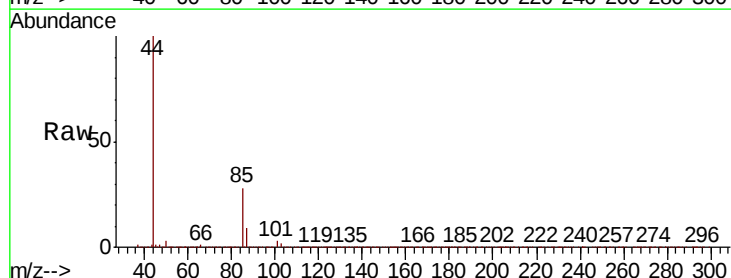
Acq: 22 Apr 2020 20:25

Tgt Ion: 85 Resp: 419381

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

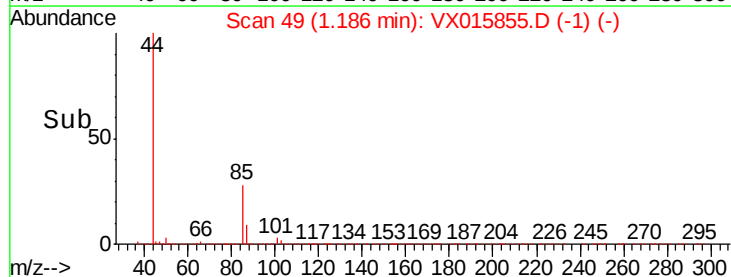
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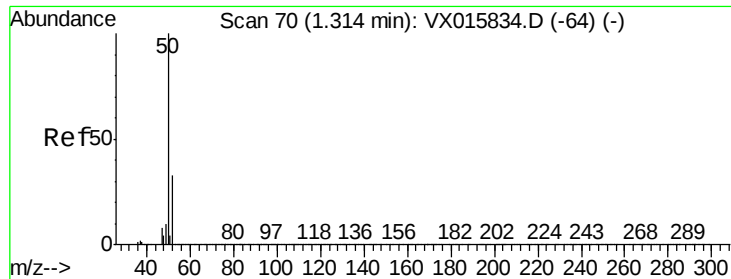
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0

1.10 1.15 1.20 1.25

Time-->

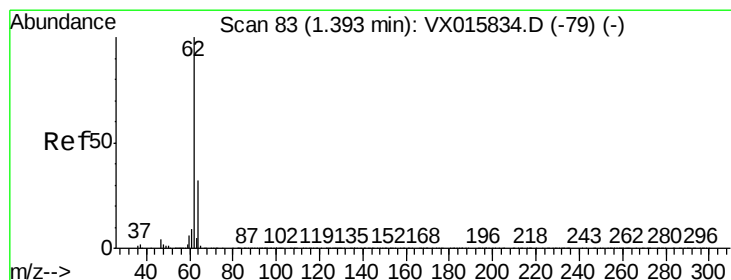
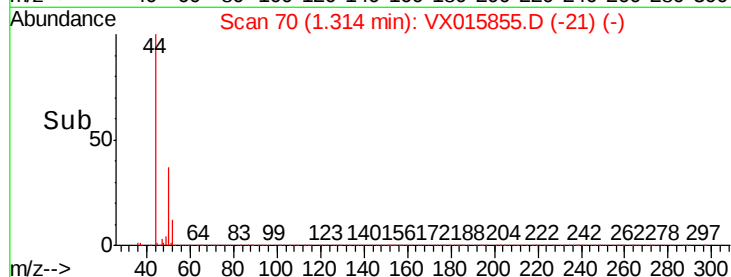
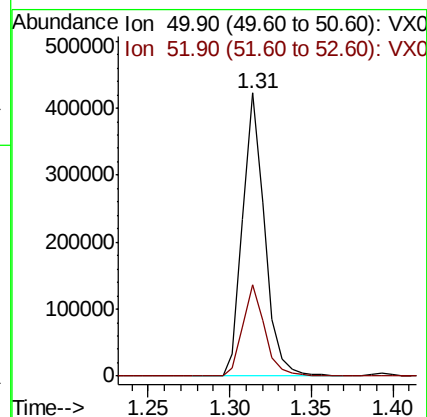
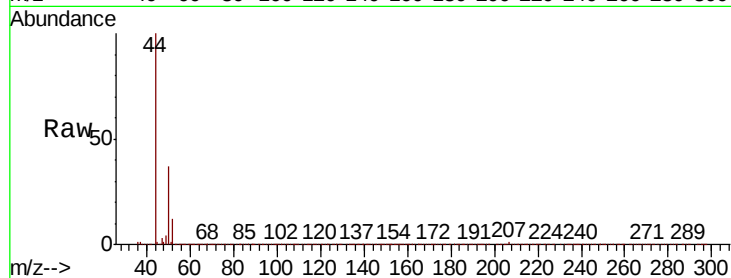




#3
Chloromethane
Concen: 50.929 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

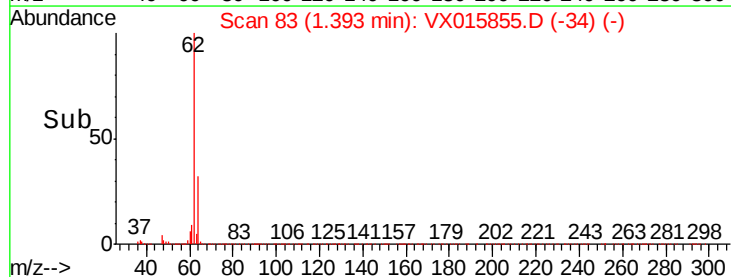
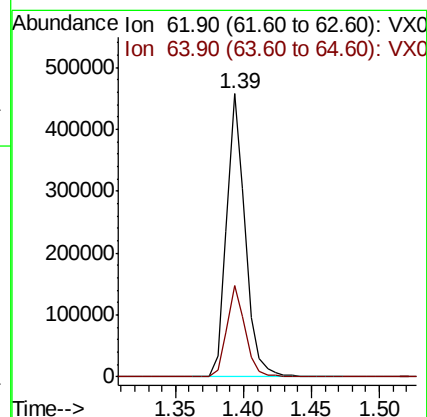
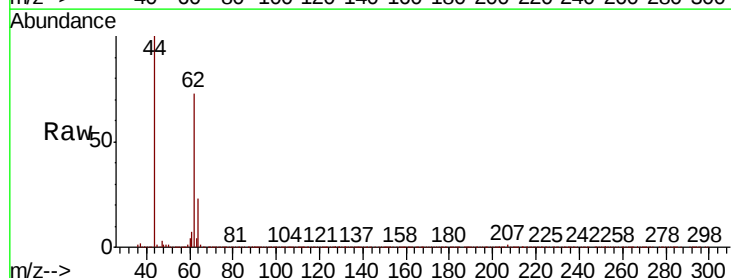
Instrument :
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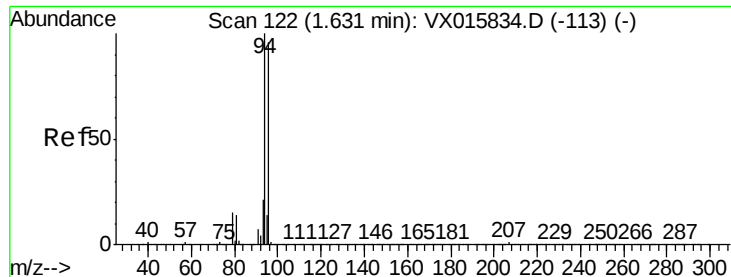
Tot Ion: 50 Resp: 395176
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.4



#4
Vinyl Chloride
Concen: 48.324 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 62 Resp: 434016
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2





#5

Bromomethane

Concen: 53.574 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

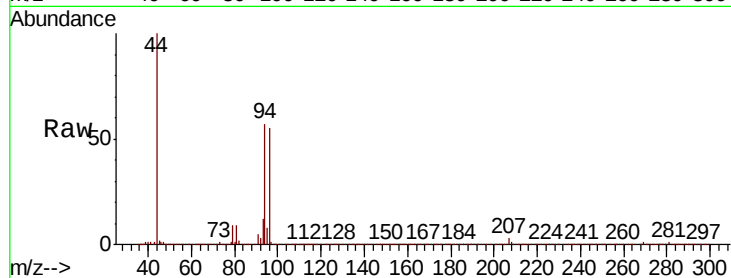
VSTDCCC050EC

Tot Ion: 94 Resp: 161380

Ion Ratio Lower Upper

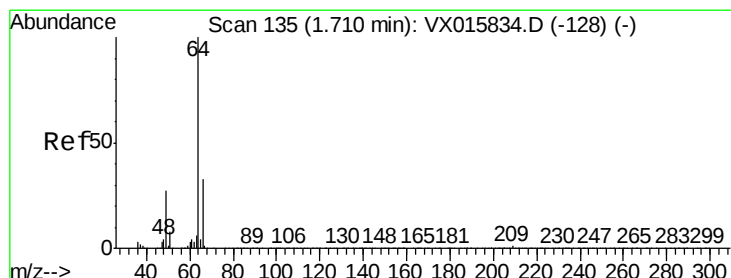
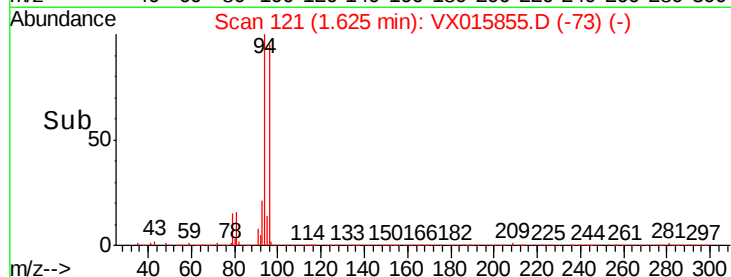
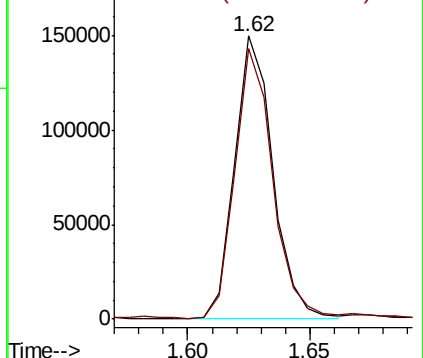
94 100

96 95.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.232 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015855.D

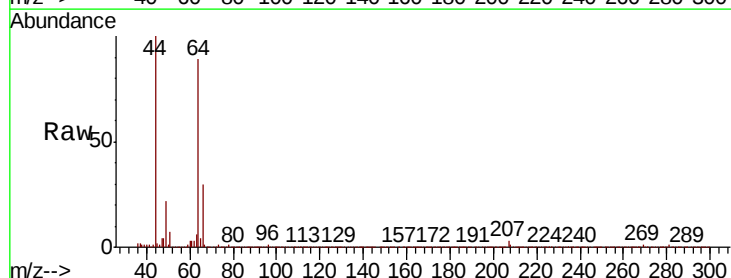
Acq: 22 Apr 2020 20:25

Tgt Ion: 64 Resp: 251969

Ion Ratio Lower Upper

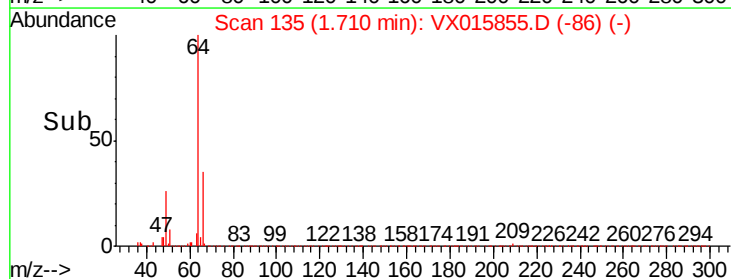
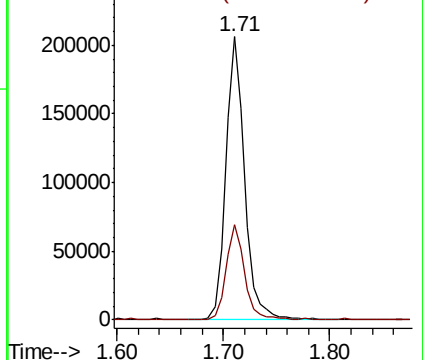
64 100

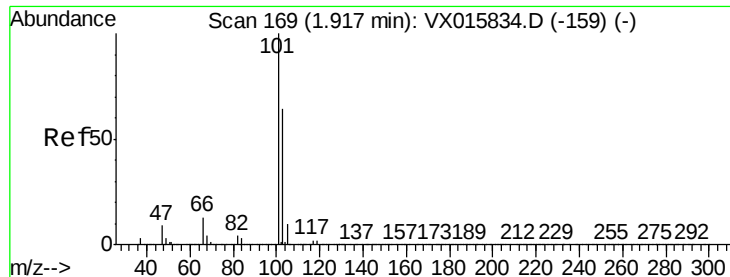
66 33.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



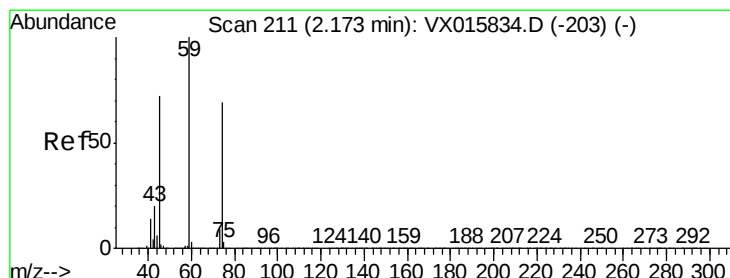
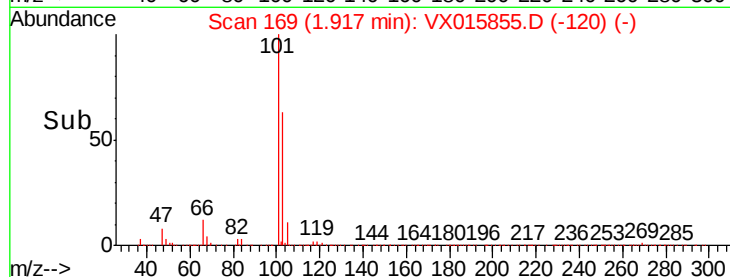
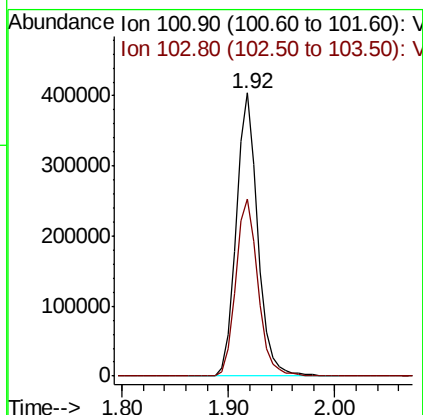
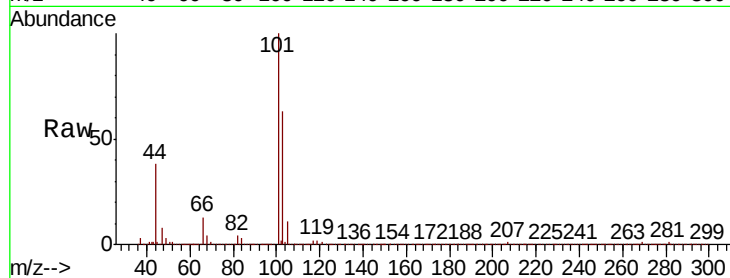


#7

Trichlorofluoromethane
 Concen: 51.210 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
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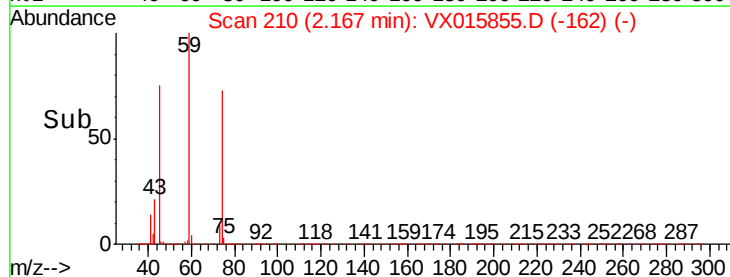
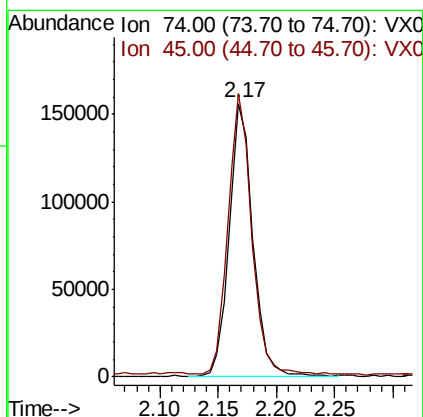
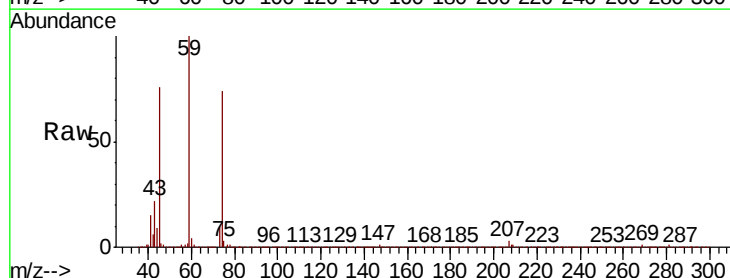
Tot Ion:101 Resp: 570652
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.0

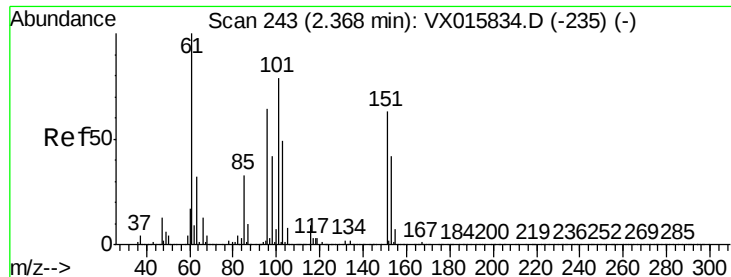


#8

Diethyl Ether
 Concen: 48.343 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion: 74 Resp: 218457
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.616 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

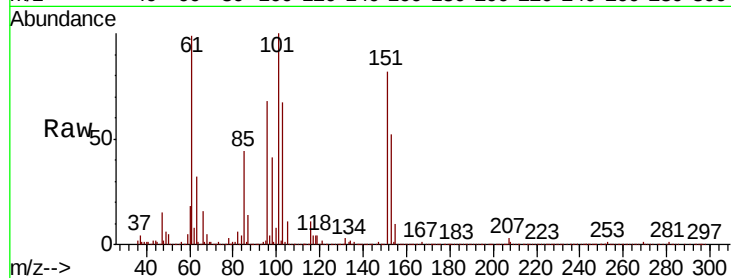
Tot Ion:101 Resp: 367495

Ion Ratio Lower Upper

101 100

85 43.0 33.8 50.6

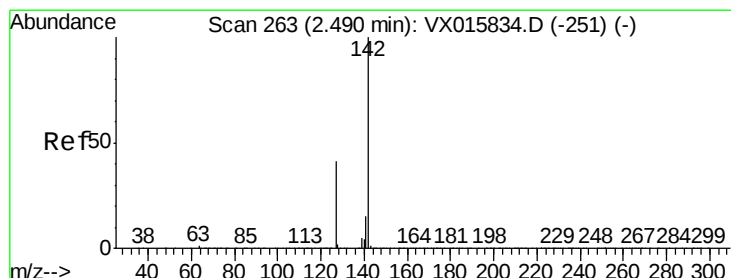
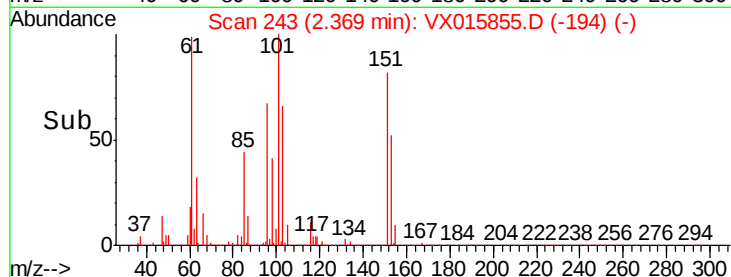
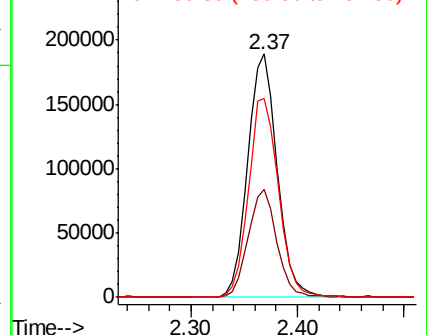
151 83.8 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.619 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

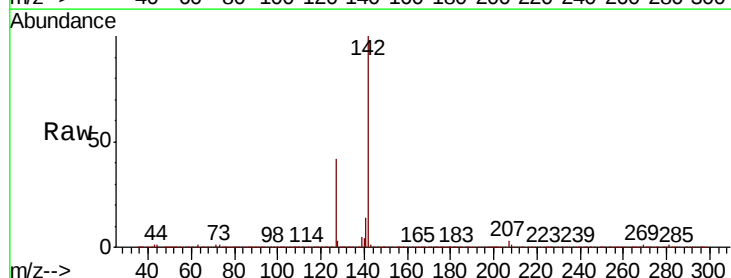
Tgt Ion:142 Resp: 435377

Ion Ratio Lower Upper

142 100

127 42.1 33.3 49.9

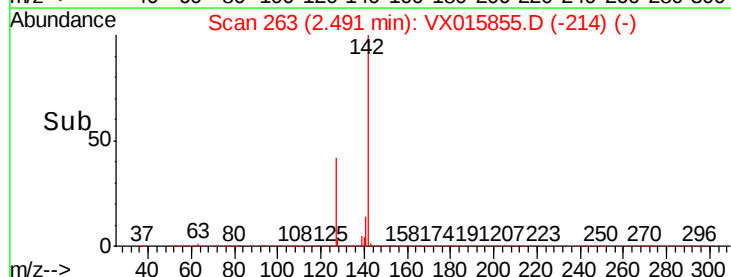
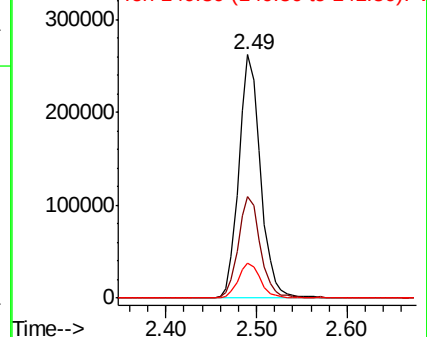
141 14.9 11.8 17.6

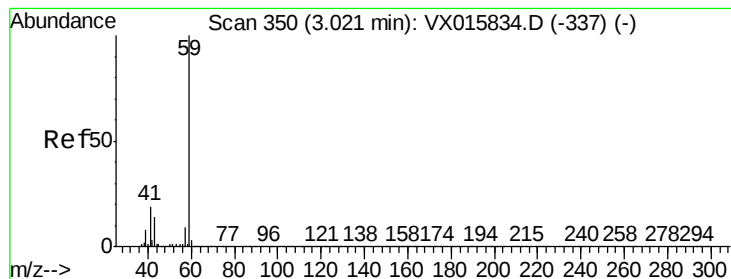


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



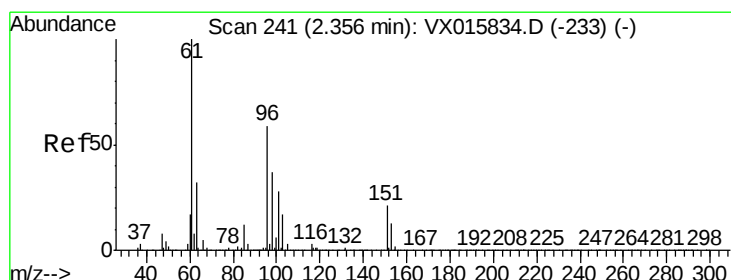
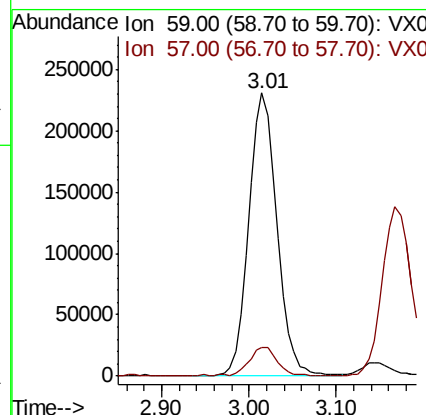
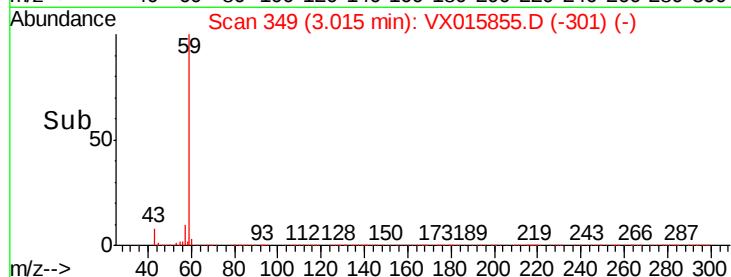
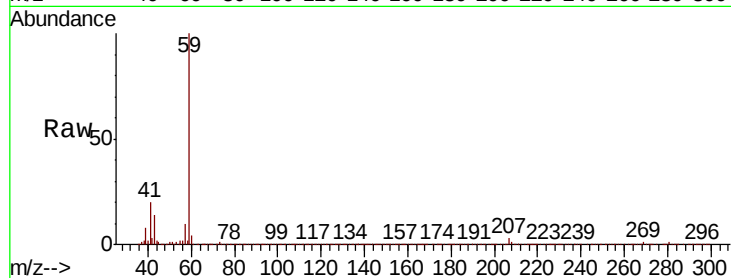


#11

Tert butyl alcohol
Concen: 249.703 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

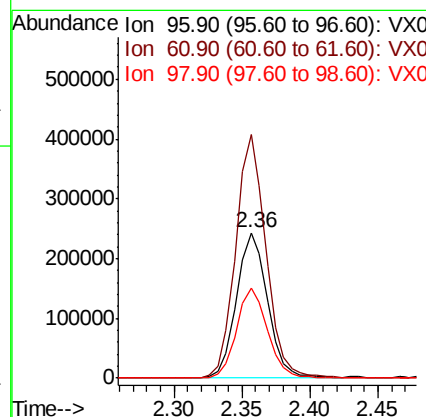
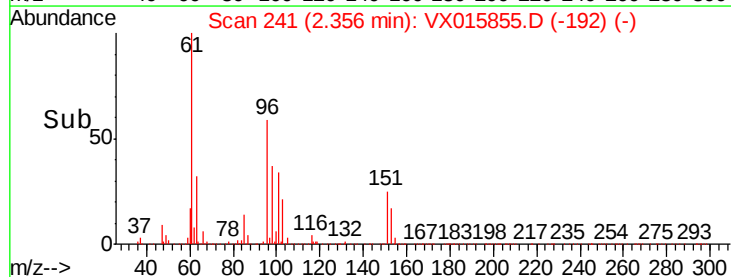
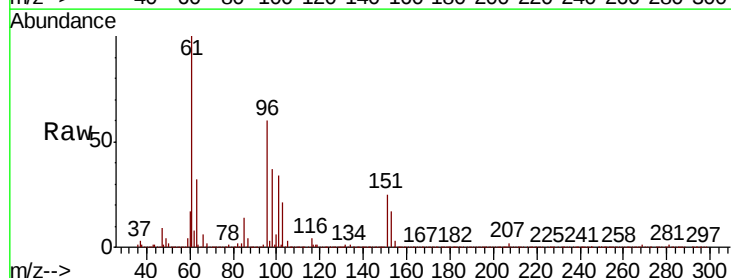
Tot Ion: 59 Resp: 513598
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

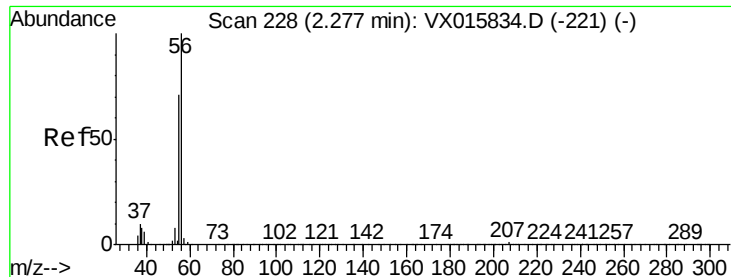


#12

1,1-Dichloroethene
Concen: 49.346 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 96 Resp: 382551
Ion Ratio Lower Upper
96 100
61 168.1 135.0 202.6
98 62.3 50.6 76.0

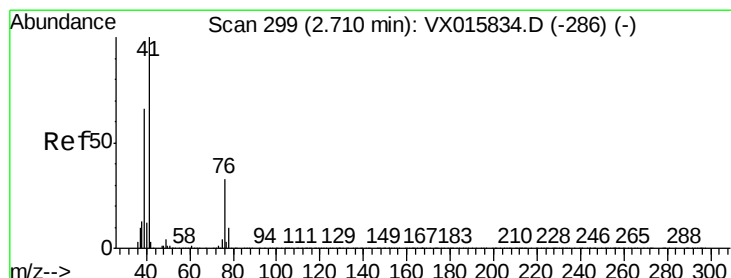
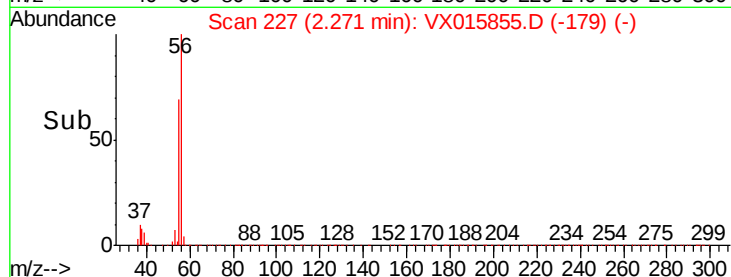
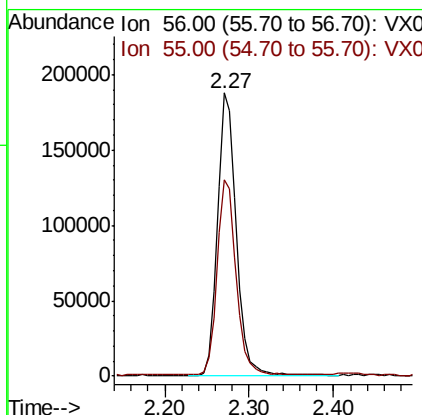
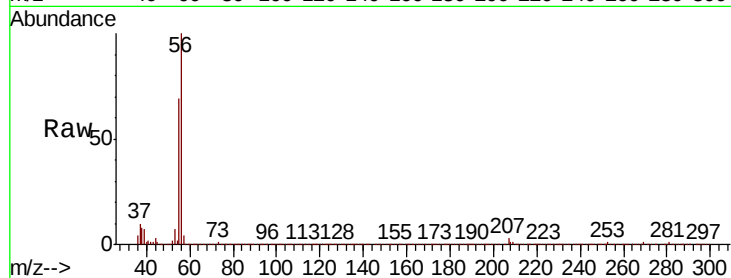




#13
Acrolein
Concen: 237.242 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

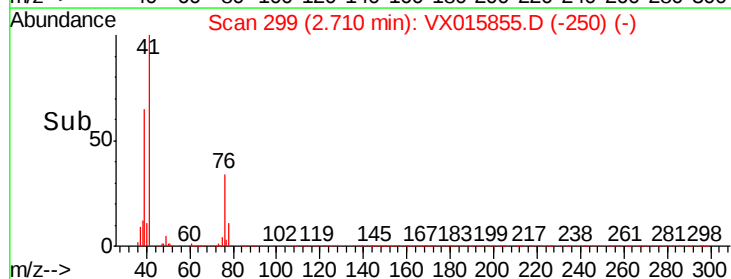
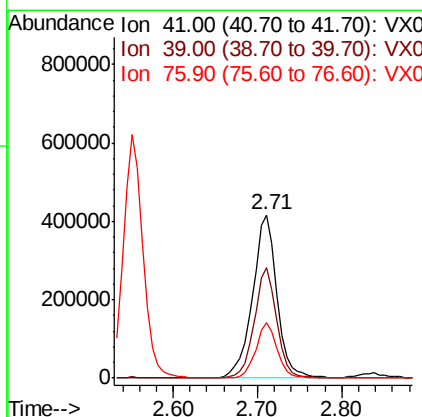
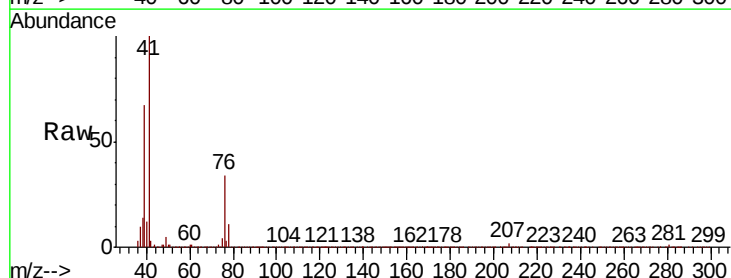
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

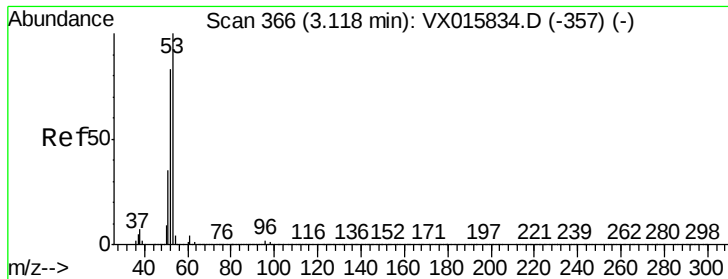
Tot Ion: 56 Resp: 288729
Ion Ratio Lower Upper
56 100
55 69.5 56.1 84.1



#14
Allyl chloride
Concen: 49.422 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 41 Resp: 814168
Ion Ratio Lower Upper
41 100
39 62.2 48.4 72.6
76 29.6 23.8 35.8



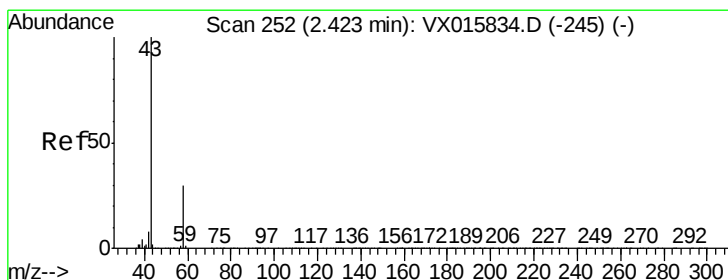
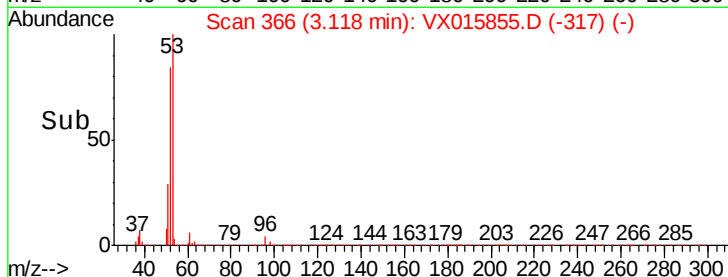
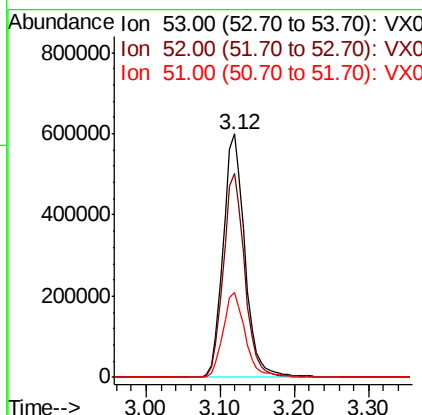
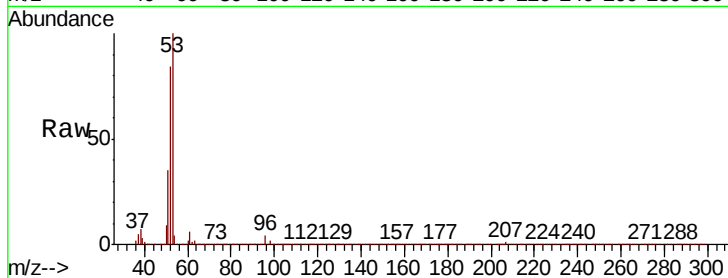


#15
 Acrylonitrile
 Concen: 255.355 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 1219122

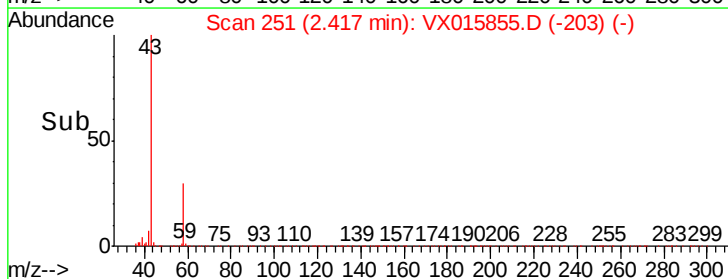
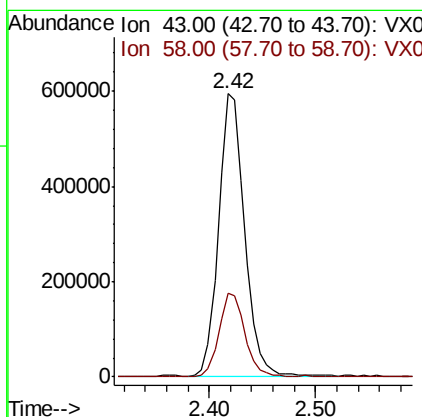
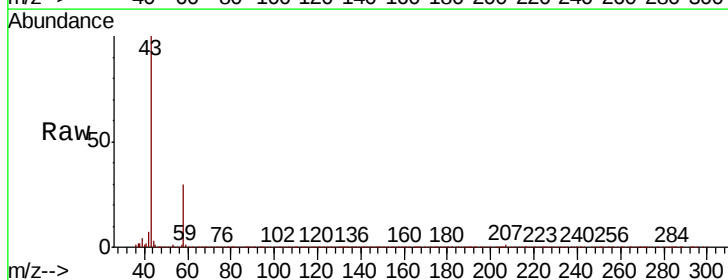
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.7	28.6	43.0

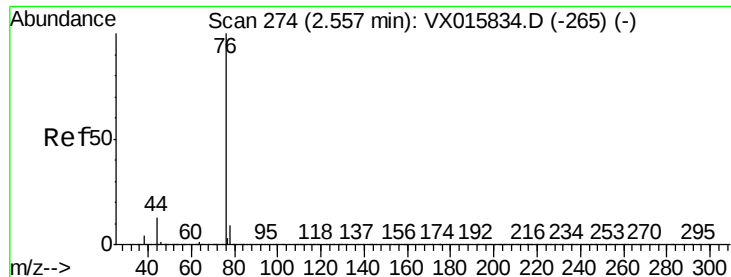


#16
 Acetone
 Concen: 228.179 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion: 43 Resp: 1000190

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0





#17

Carbon Disulfide

Concen: 35.536 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

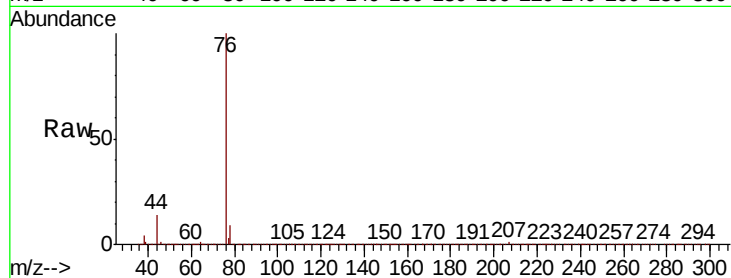
VSTDCCC050EC

Tot Ion: 76 Resp: 1000447

Ion Ratio Lower Upper

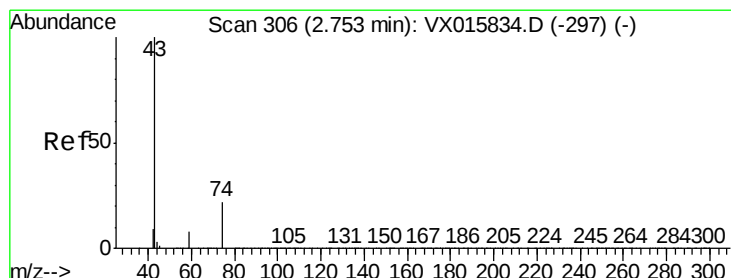
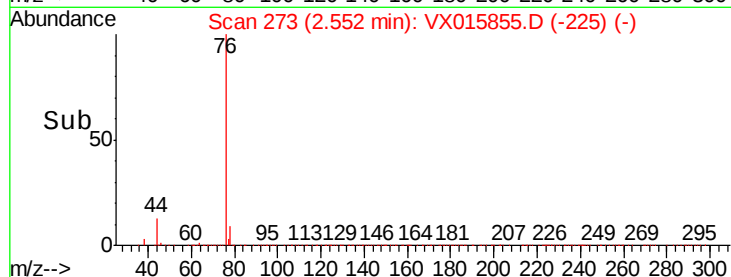
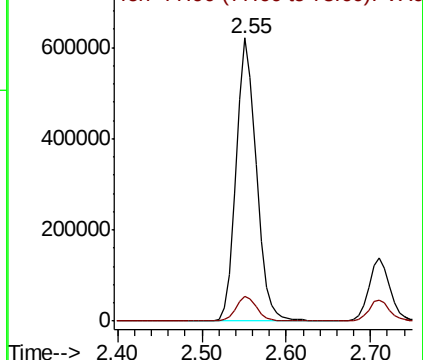
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.073 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015855.D

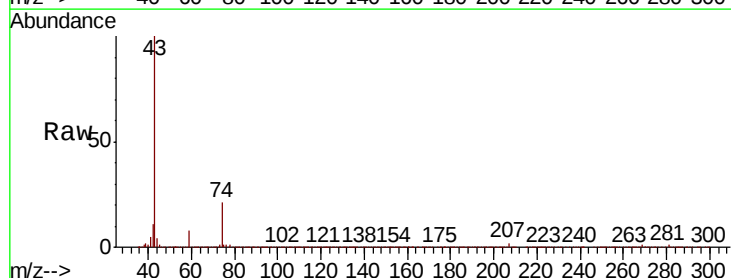
Acq: 22 Apr 2020 20:25

Tgt Ion: 43 Resp: 695651

Ion Ratio Lower Upper

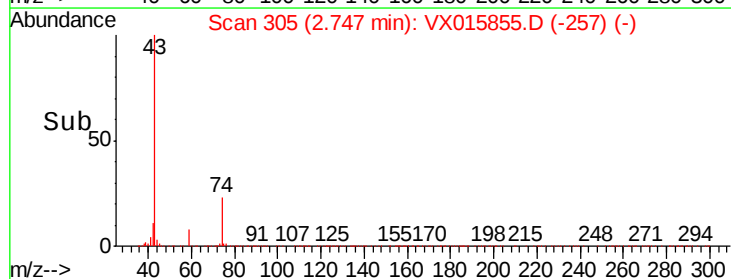
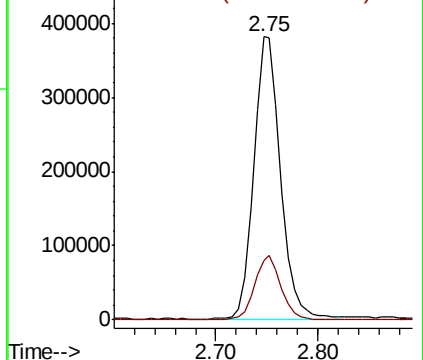
43 100

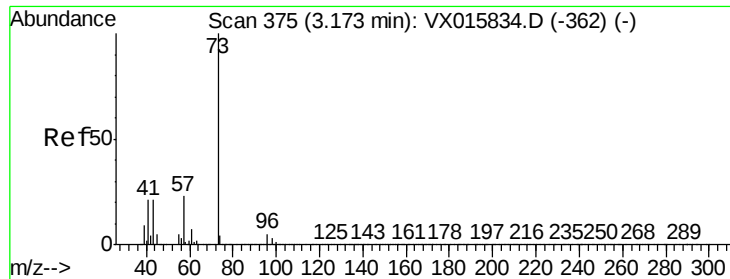
74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

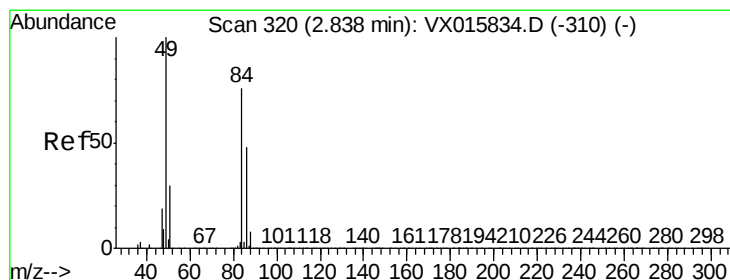
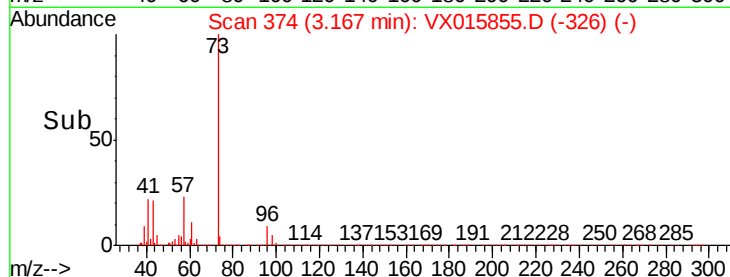
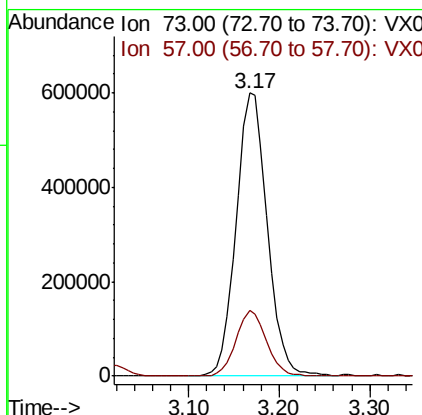
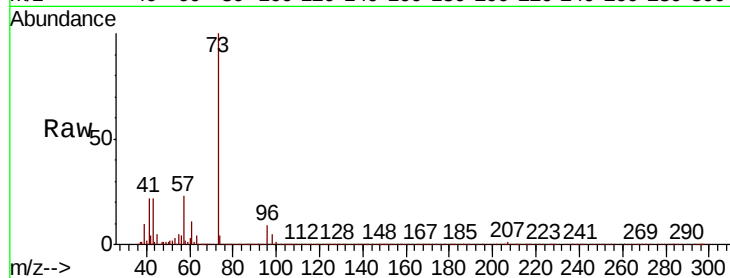




#19
Methyl tert-butyl Ether
Concen: 51.636 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

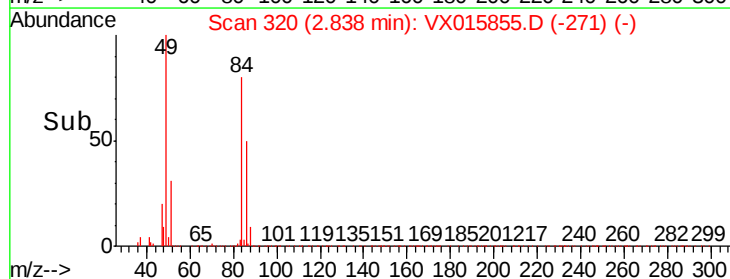
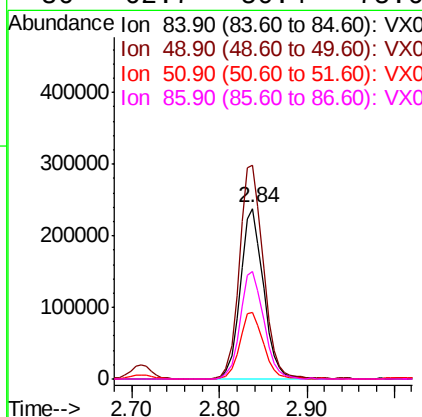
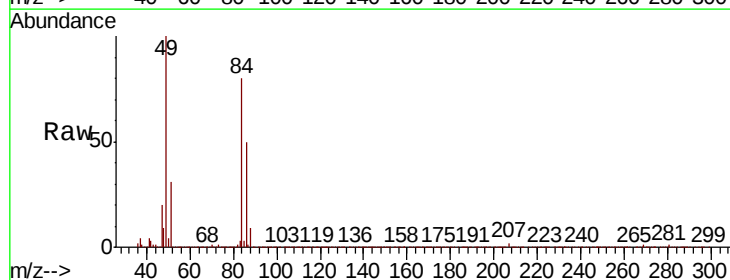
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

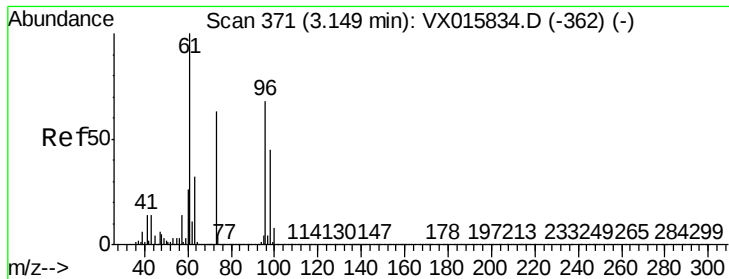
Tot Ion: 73 Resp: 1413204
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1



#20
Methylene Chloride
Concen: 49.175 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 84 Resp: 437581
Ion Ratio Lower Upper
84 100
49 125.2 104.9 157.3
51 39.0 32.0 48.0
86 62.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.153 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

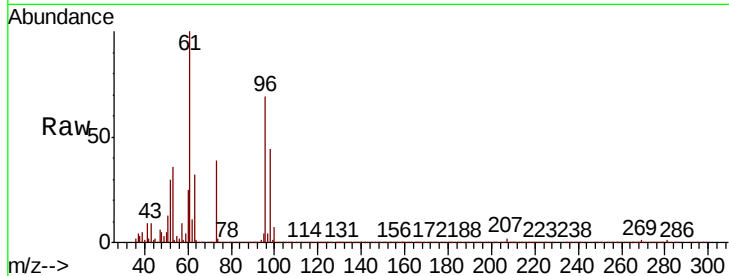
Tot Ion: 96 Resp: 422794

Ion Ratio Lower Upper

96 100

61 144.1 117.5 176.3

98 63.6 52.7 79.1

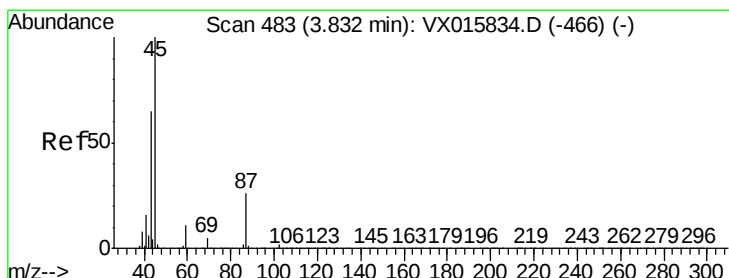
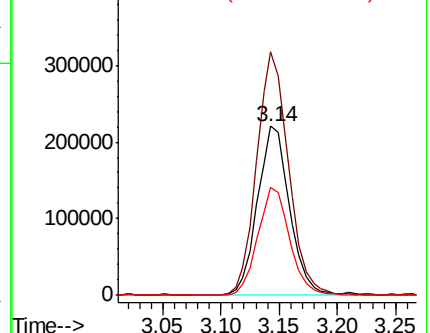
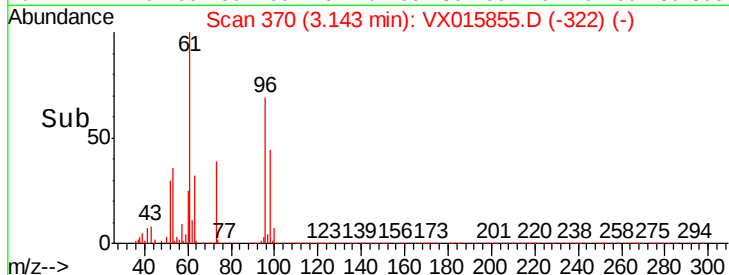


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.315 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion: 45 Resp: 1523657

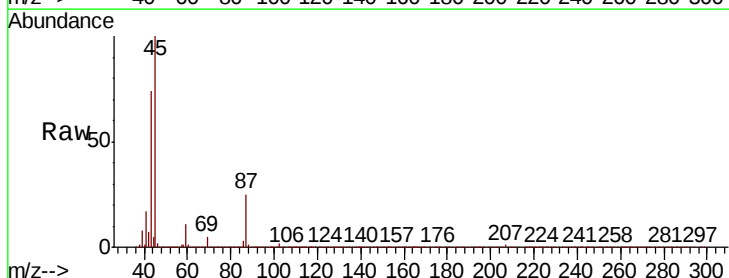
Ion Ratio Lower Upper

45 100

43 73.5 52.4 78.6

87 24.5 20.7 31.1

59 11.3 8.6 12.8



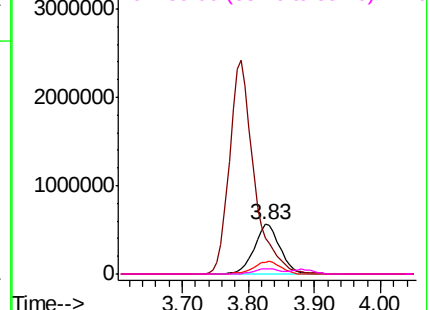
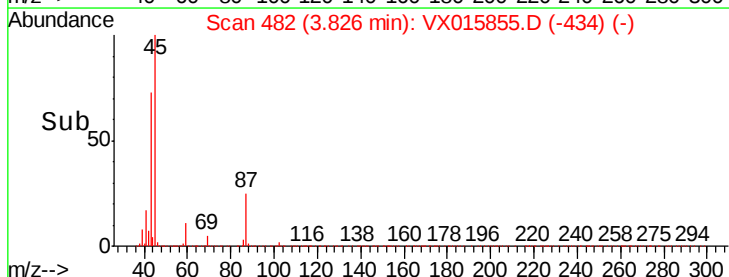
Abundance

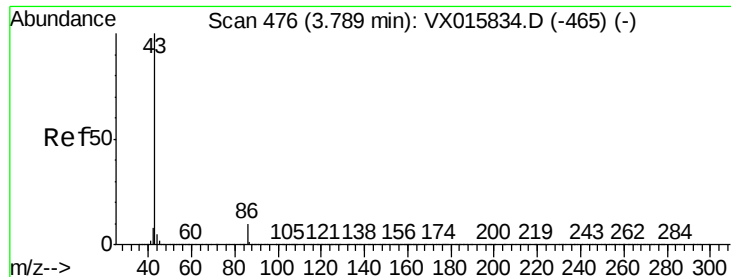
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.208 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

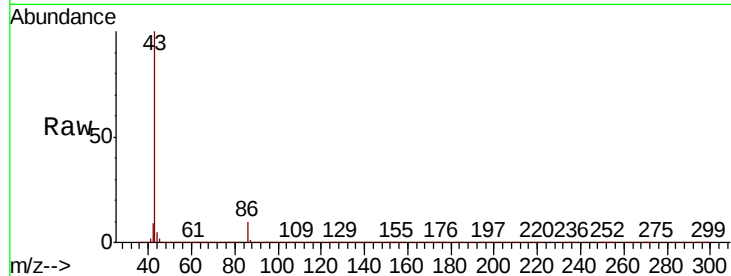
VSTDCCC050EC

Tot Ion: 43 Resp: 6247094

Ion Ratio Lower Upper

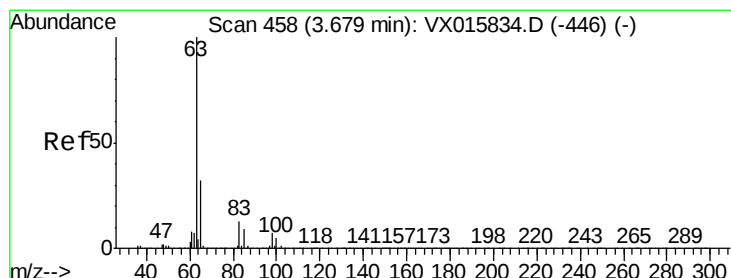
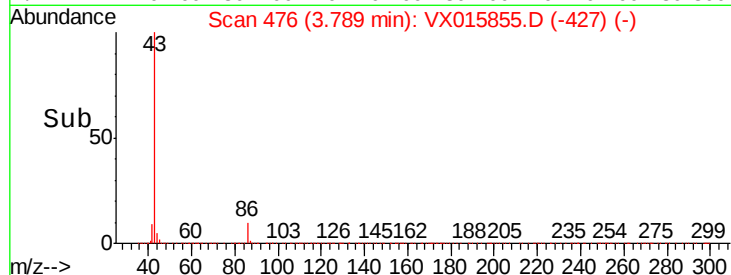
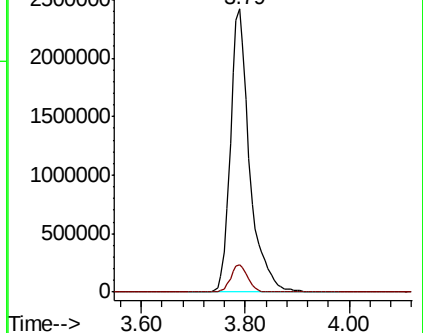
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.748 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

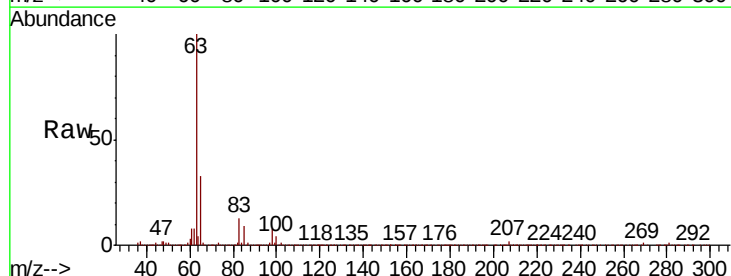
Tgt Ion: 63 Resp: 785384

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

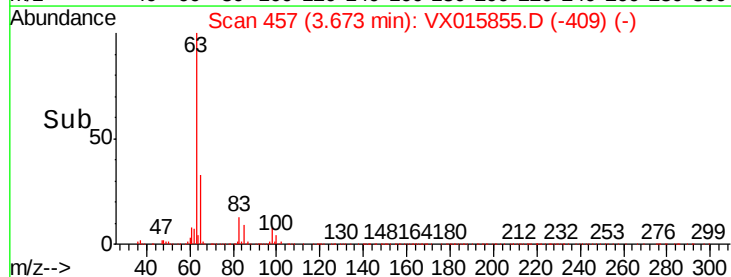
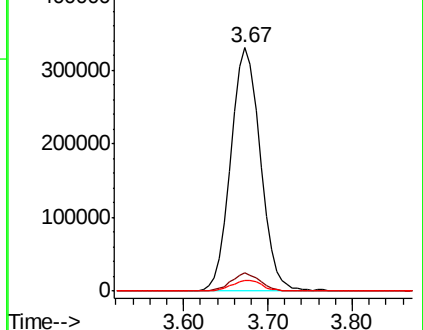
100 4.3 2.3 6.8

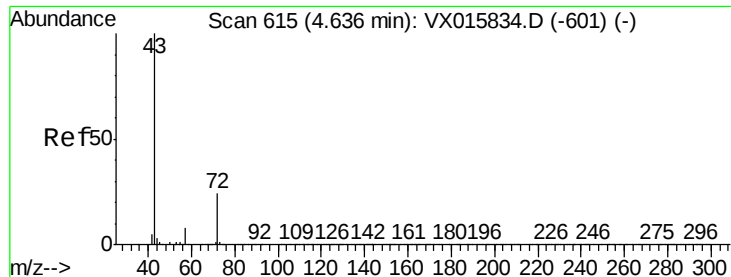


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

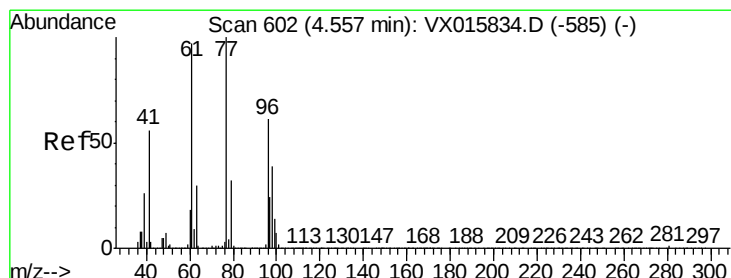
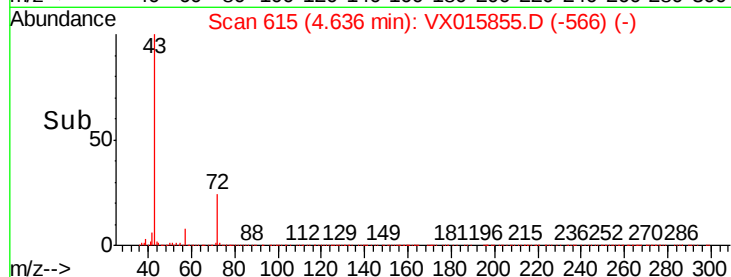
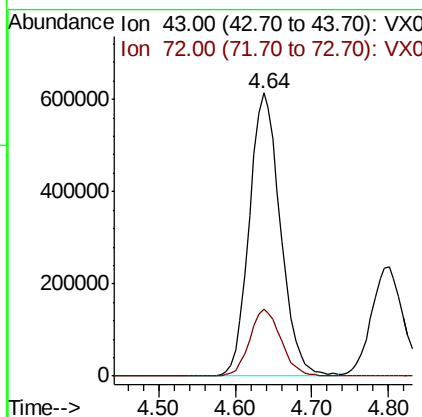
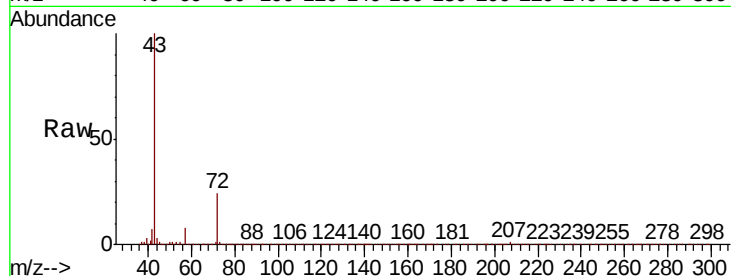




#25
2-Butanone
Concen: 250.321 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

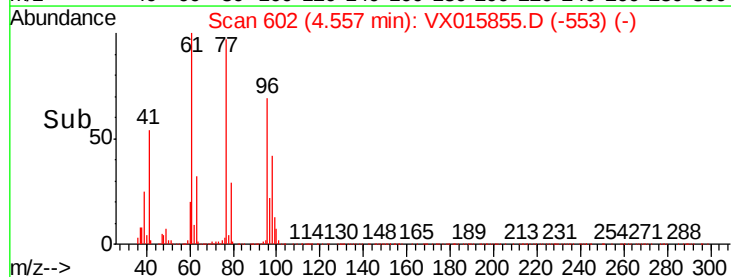
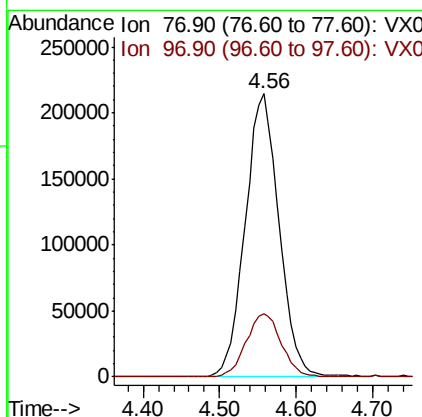
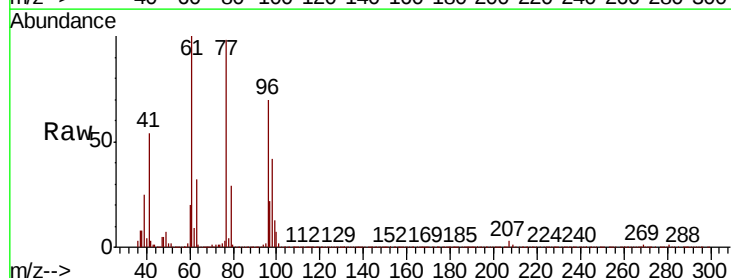
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

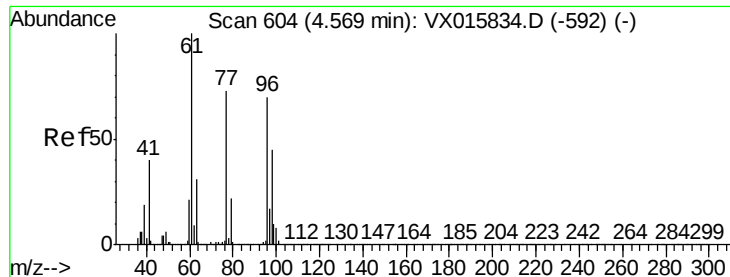
Tot Ion: 43 Resp: 1734297
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.471 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 77 Resp: 656260
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1



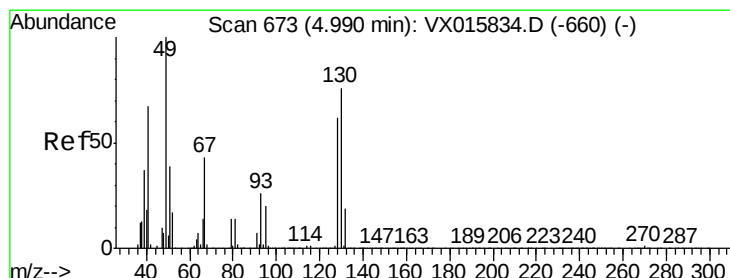
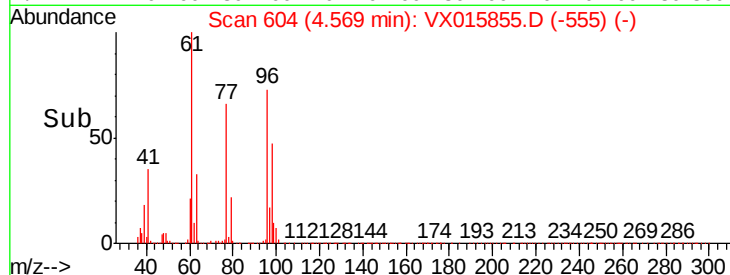
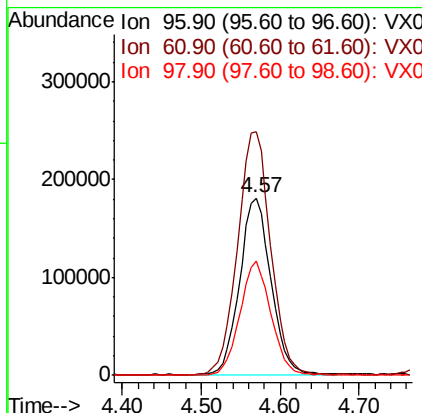
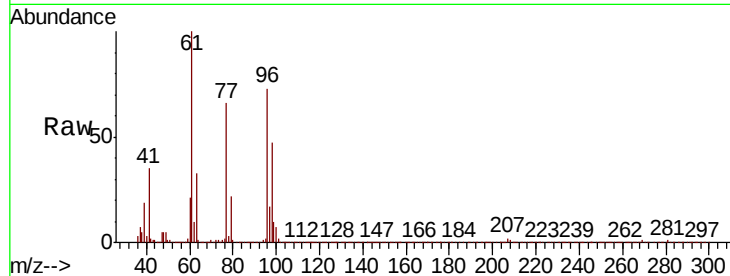


#27

cis-1,2-Dichloroethene
 Concen: 51.140 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

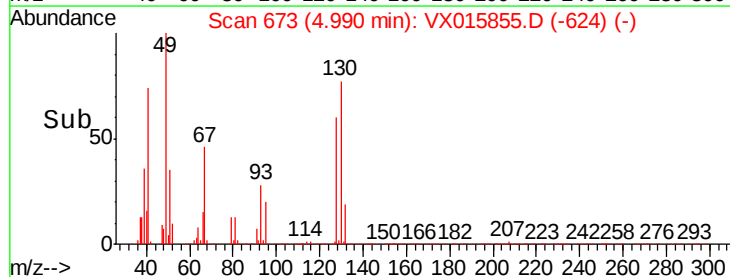
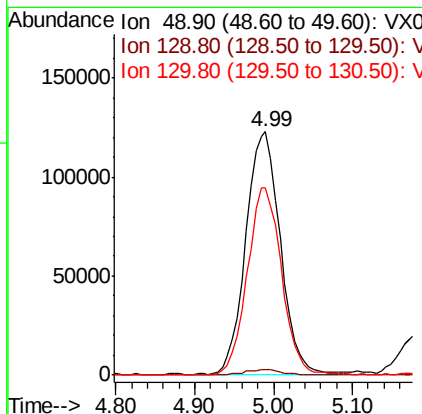
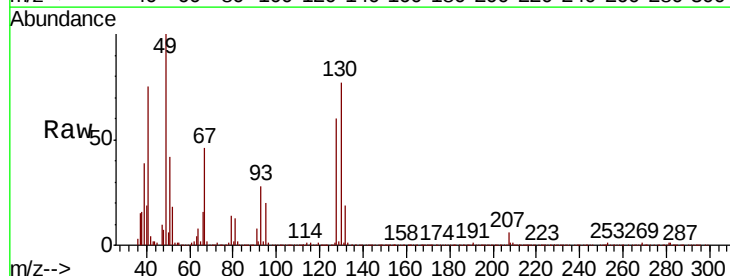
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	299.4
98	63.6	0.0	129.6

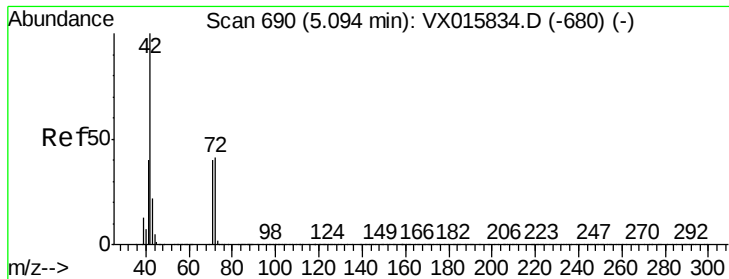


#28

Bromochloromethane
 Concen: 45.870 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	1.8#
130	76.5	62.4	93.6

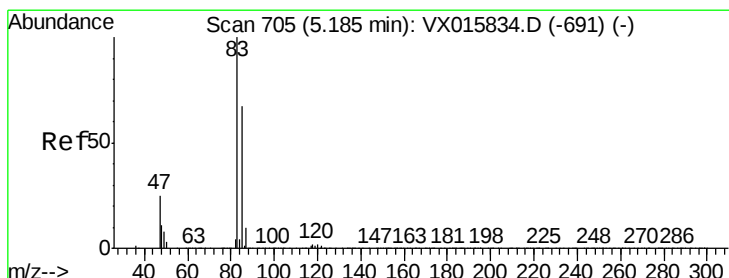
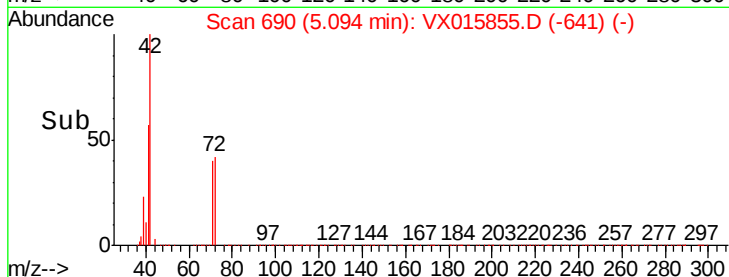
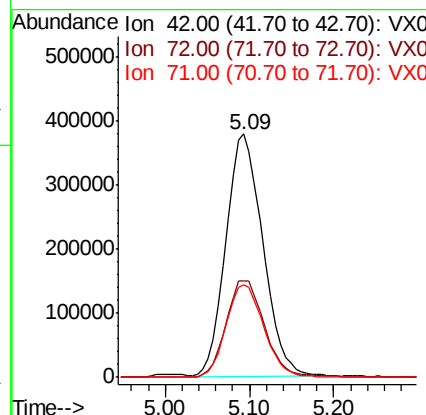
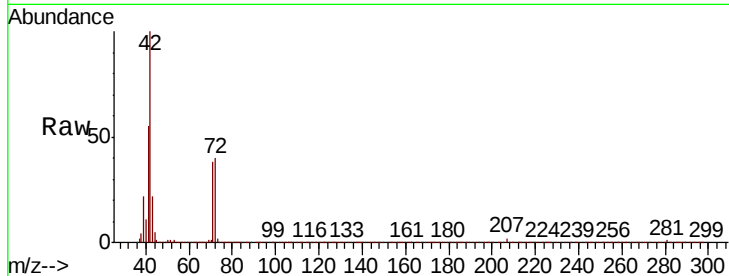




#29
Tetrahydrofuran
Concen: 248.452 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

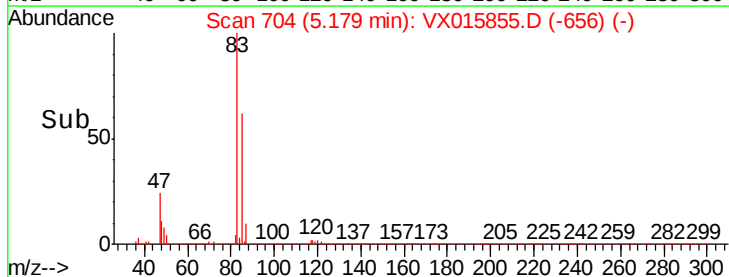
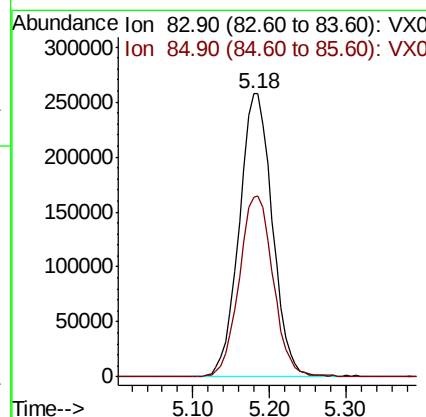
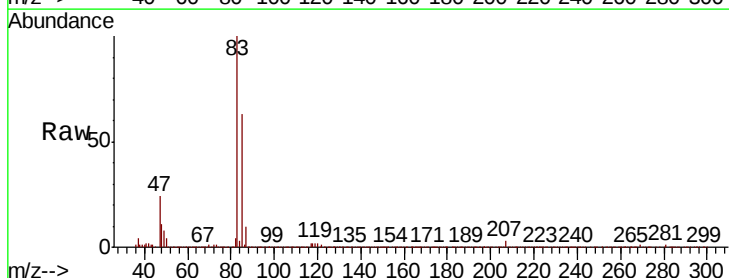
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

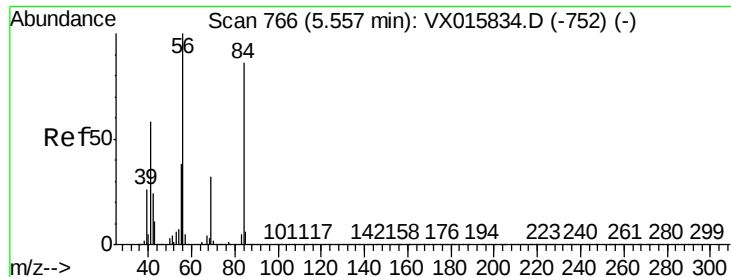
Tot Ion: 42 Resp: 1138556
Ion Ratio Lower Upper
42 100
72 41.6 33.0 49.6
71 38.5 30.6 45.8



#30
Chloroform
Concen: 49.802 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 83 Resp: 775456
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.0

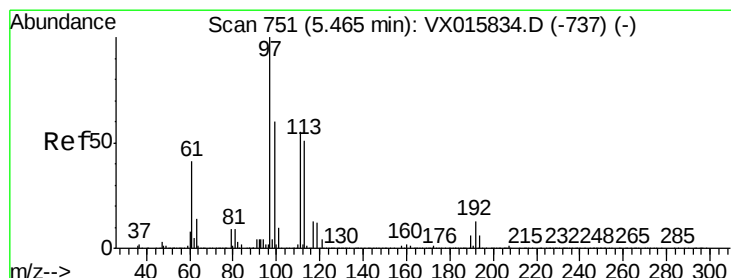
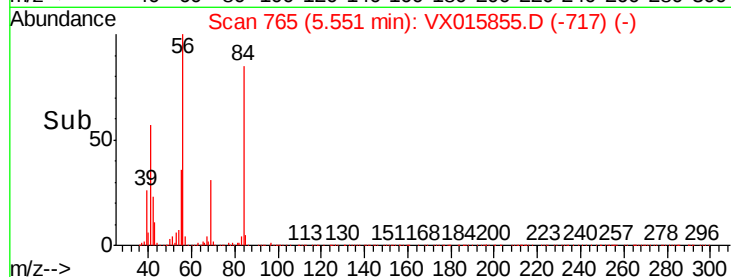
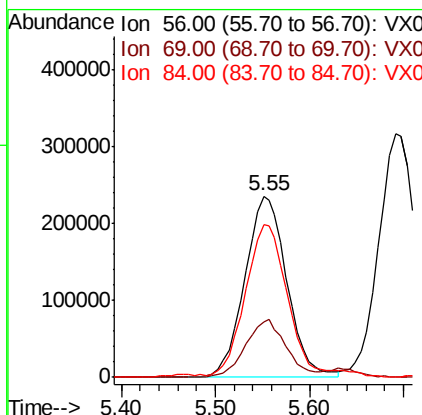
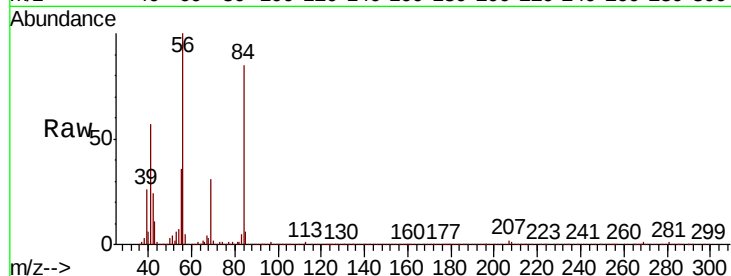




#31
Cyclohexane
Concen: 49.825 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

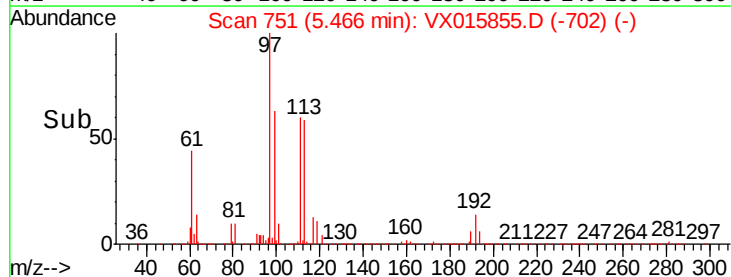
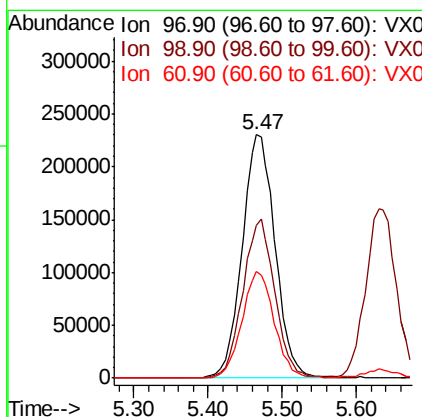
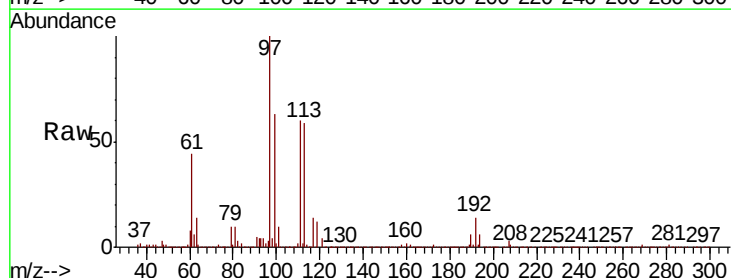
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

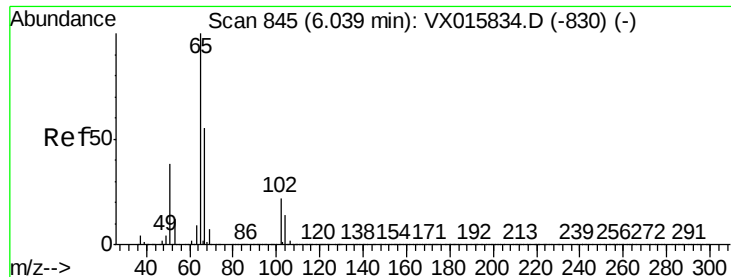
Tot Ion: 56 Resp: 732823
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 83.2 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 51.303 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 97 Resp: 712244
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 42.9 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 52.338 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

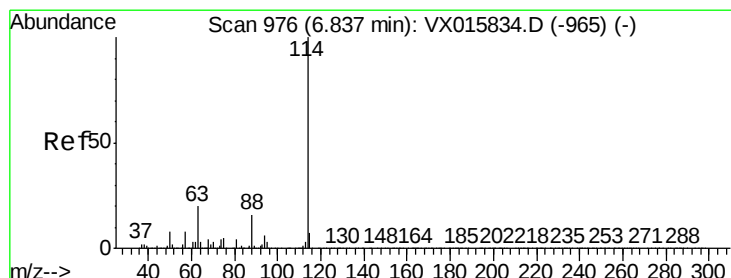
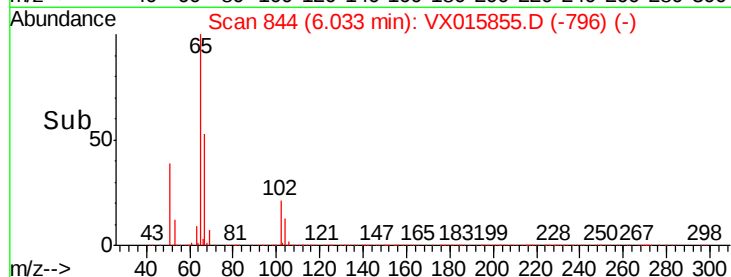
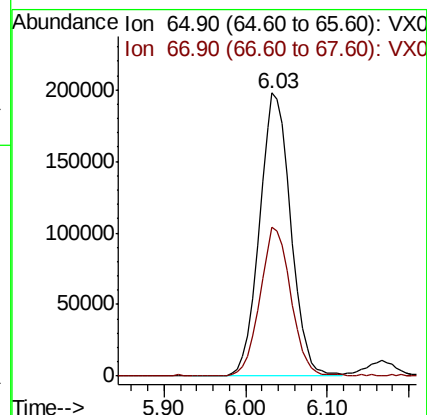
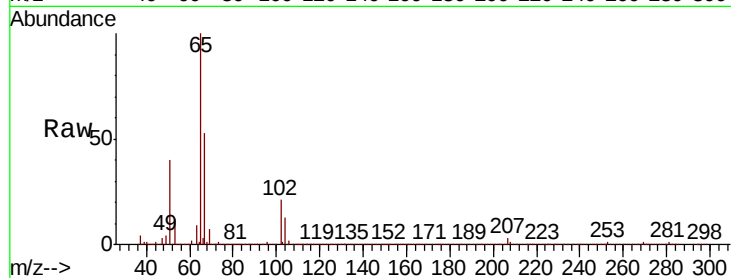
VSTDCCC050EC

Tot Ion: 65 Resp: 526880

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

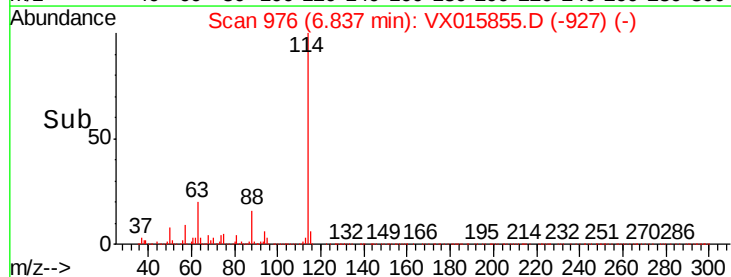
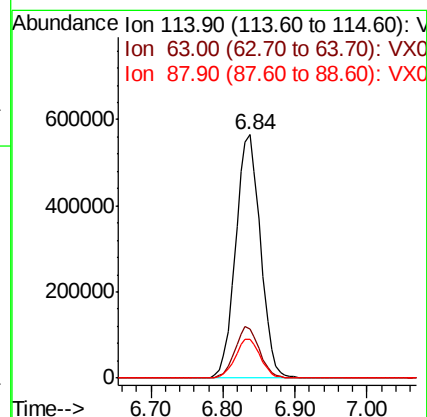
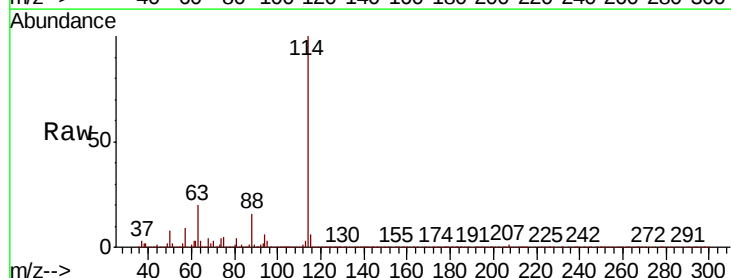
Tgt Ion: 114 Resp: 1352917

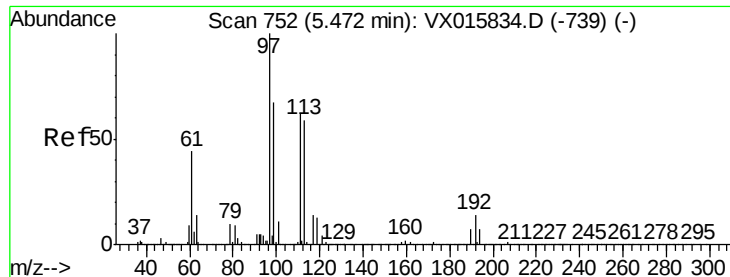
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 16.1 0.0 32.8

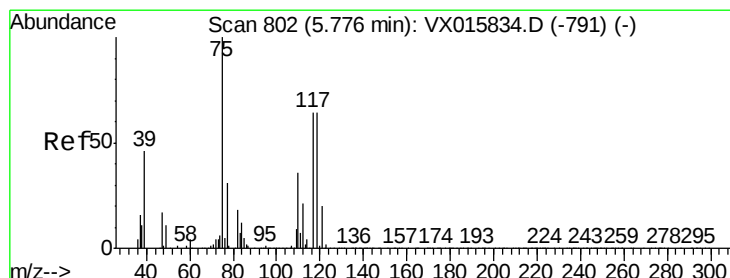
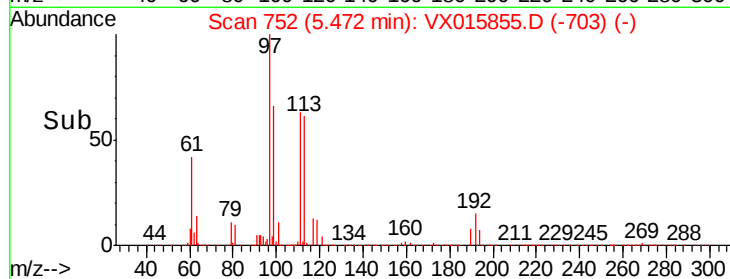
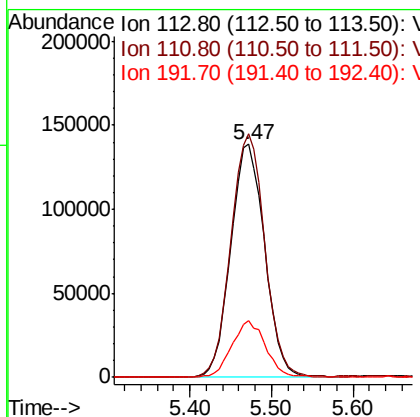
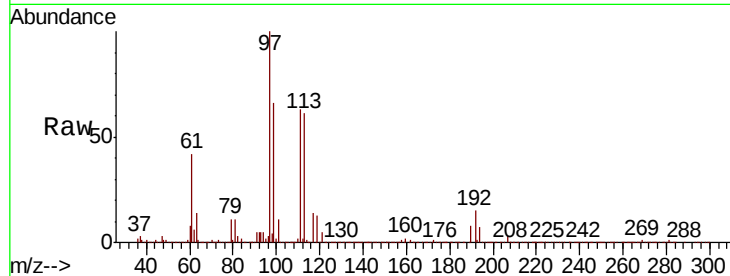




#35
 Dibromofluoromethane
 Concen: 51.083 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

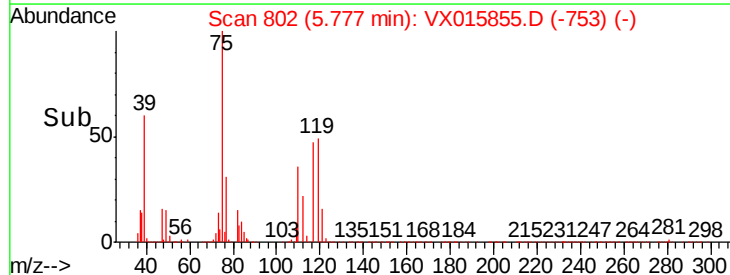
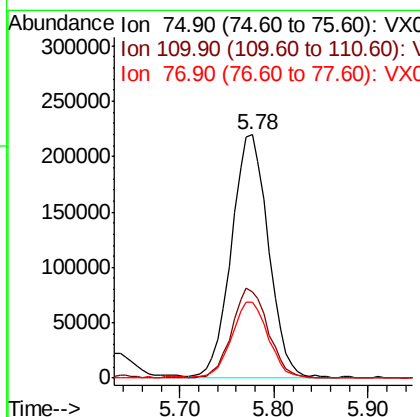
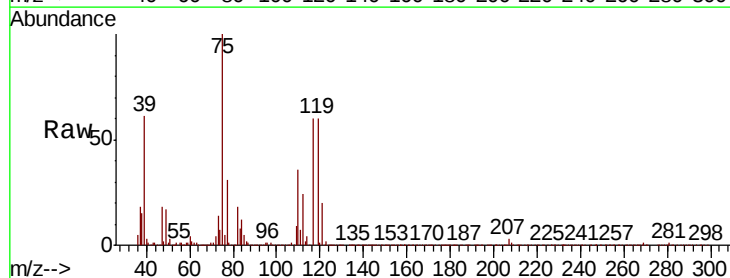
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

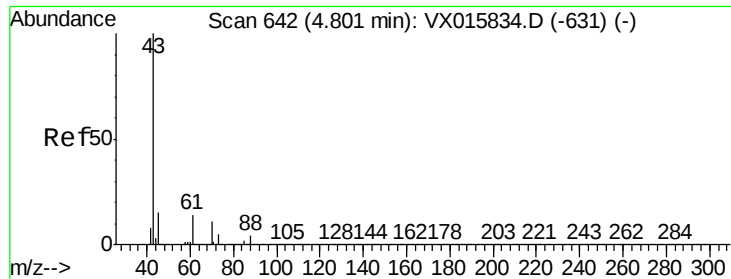
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	24.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 49.784 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.8
77	30.5	24.5	36.7

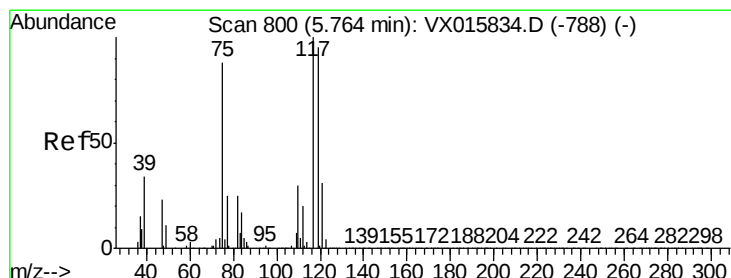
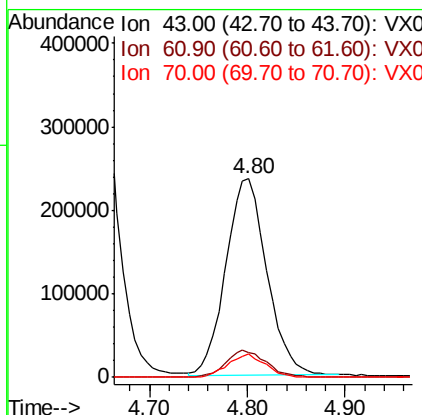
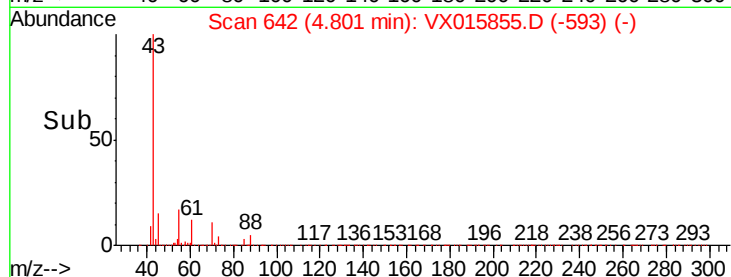
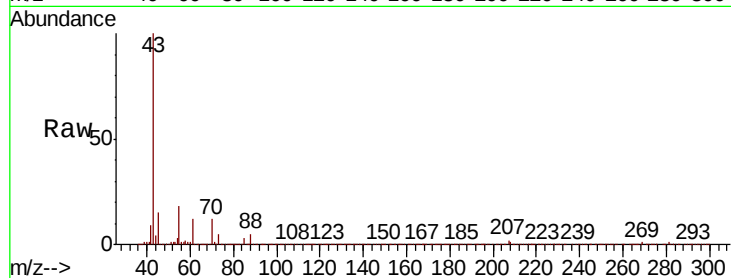




#37
Ethyl Acetate
Concen: 48.202 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

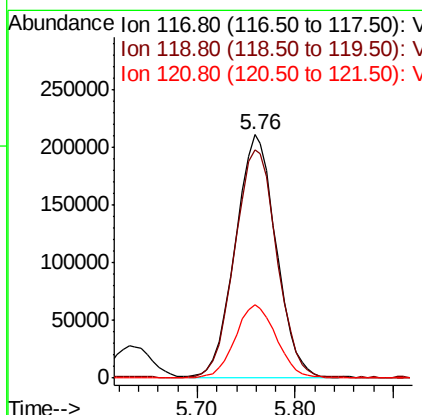
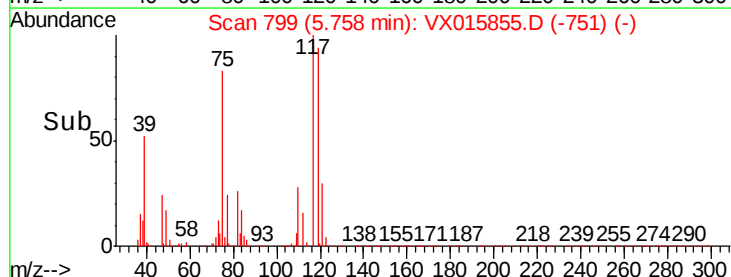
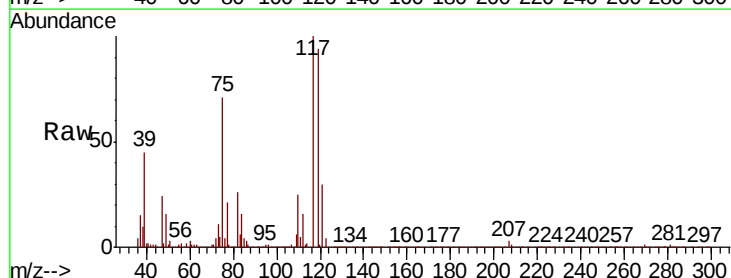
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

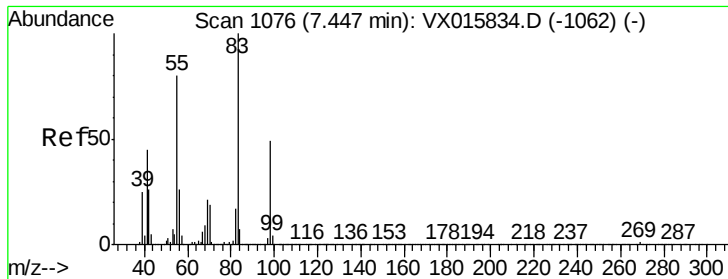
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.8	16.2
70	10.7	8.2	12.2



#38
Carbon Tetrachloride
Concen: 51.214 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
121	30.3	25.0	37.6

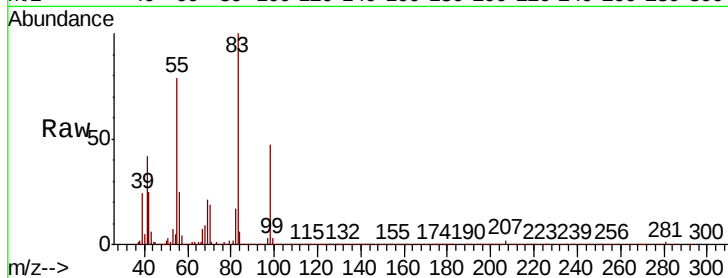




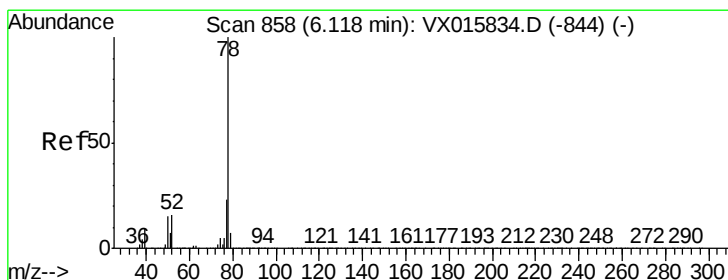
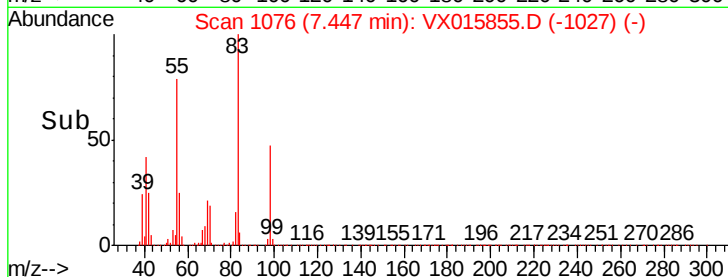
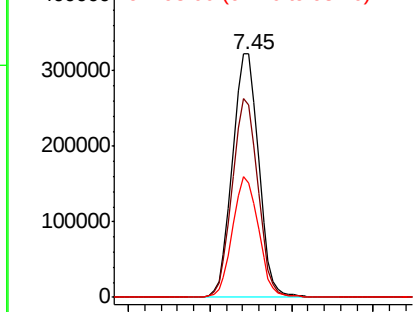
#39
Methvlcvclohexane
Concen: 47.057 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.2	96.4
98	47.0	39.3	58.9

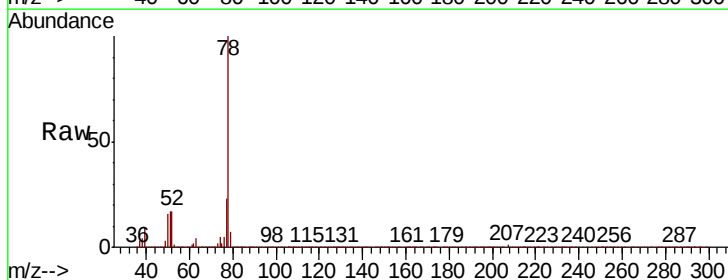


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

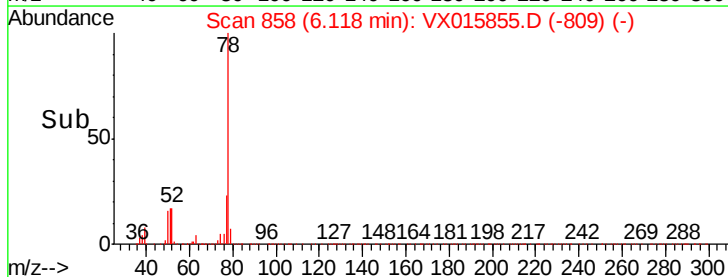
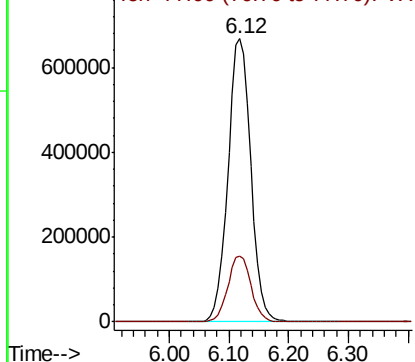


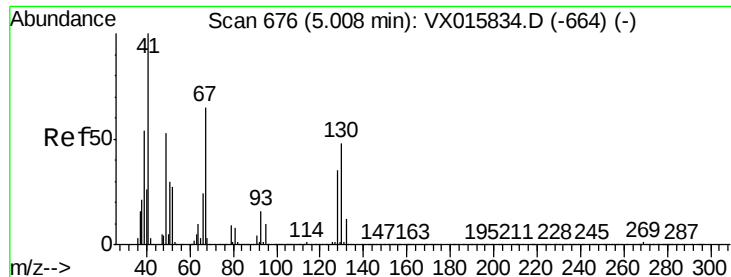
#40
Benzene
Concen: 49.081 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8



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





#41

Methacrylonitrile

Concen: 50.520 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 400718

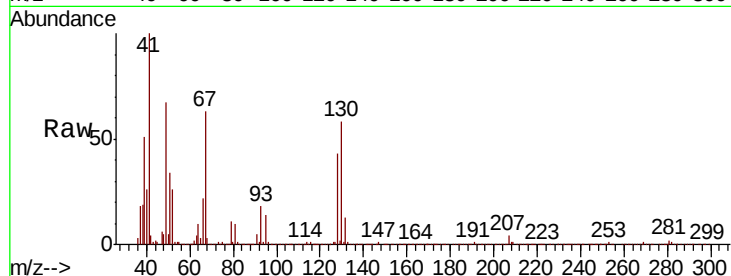
Ion Ratio Lower Upper

41 100

39 52.9 42.4 63.6

67 64.7 51.9 77.9

52 25.8 21.0 31.4

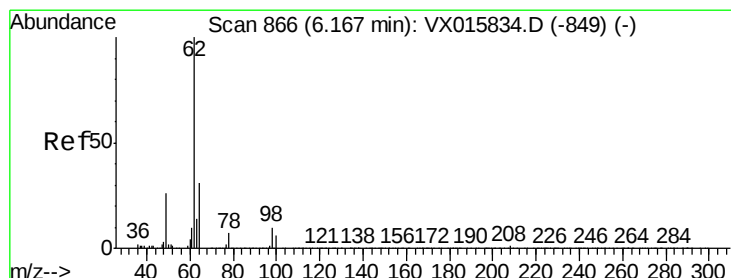
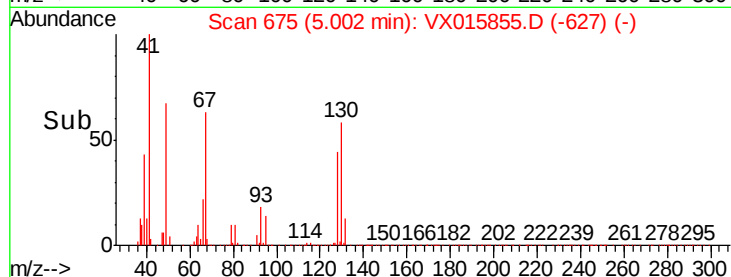
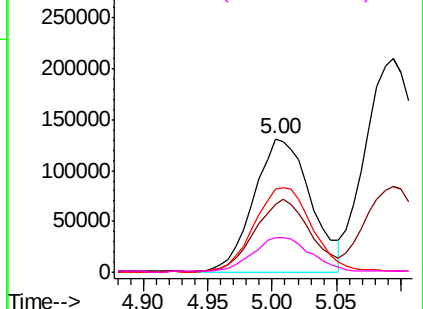


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.865 ug/l

RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015855.D

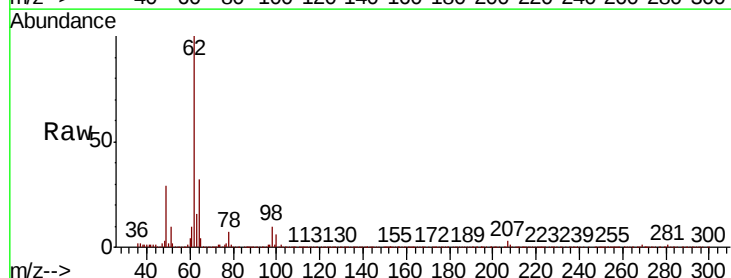
Acq: 22 Apr 2020 20:25

Tgt Ion: 62 Resp: 635636

Ion Ratio Lower Upper

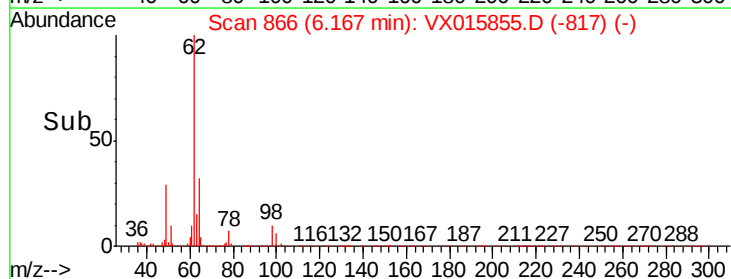
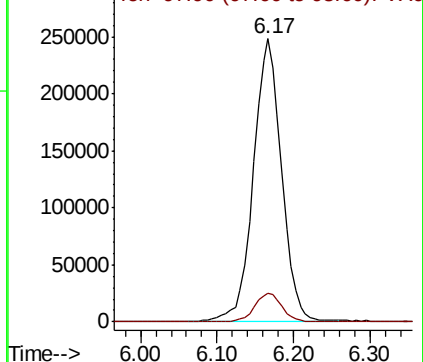
62 100

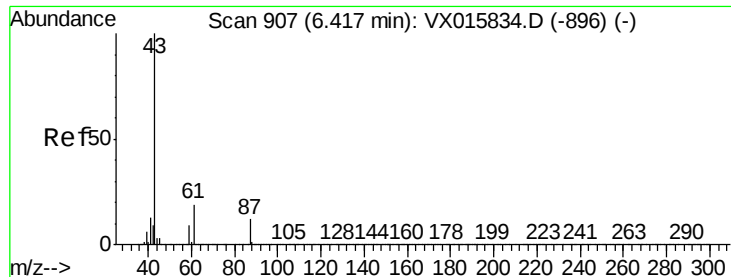
98 9.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



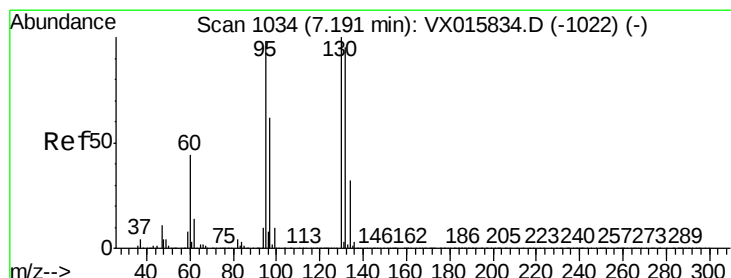
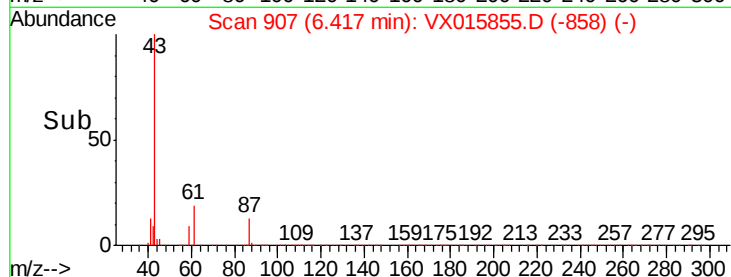
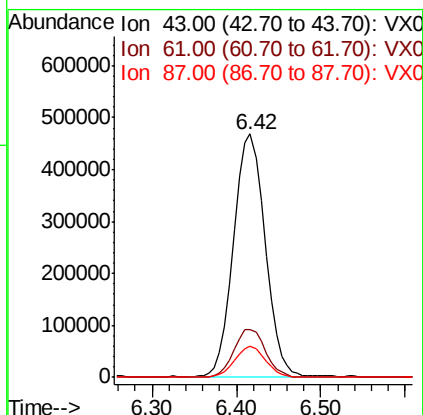
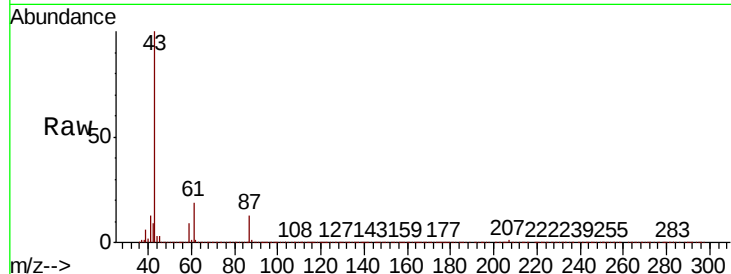


#43

Isopropyl Acetate
 Concen: 49.267 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

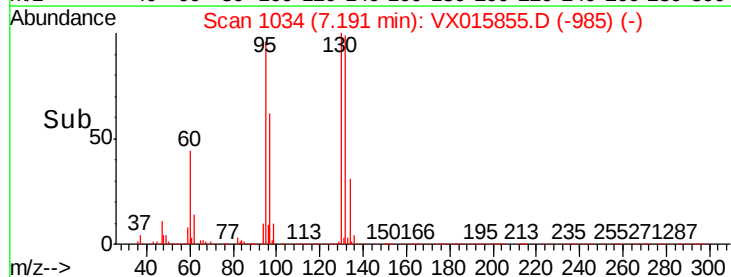
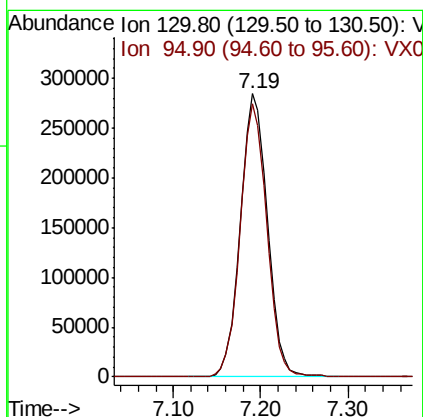
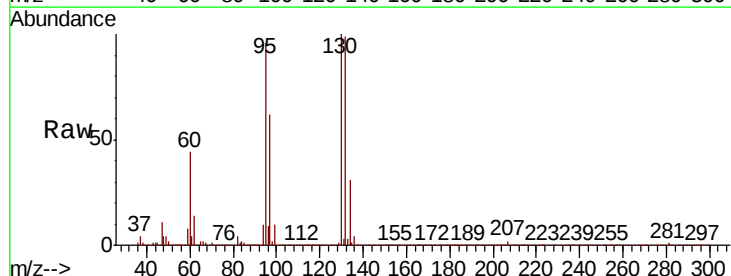
Tot Ion: 43 Resp: 1186262
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.4 23.2
 87 12.4 9.8 14.6

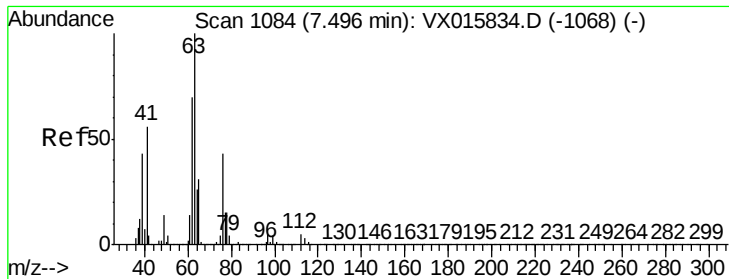


#44

Trichloroethene
 Concen: 48.084 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion: 130 Resp: 610430
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 195.8





#45

1,2-Dichloropropane

Concen: 50.131 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

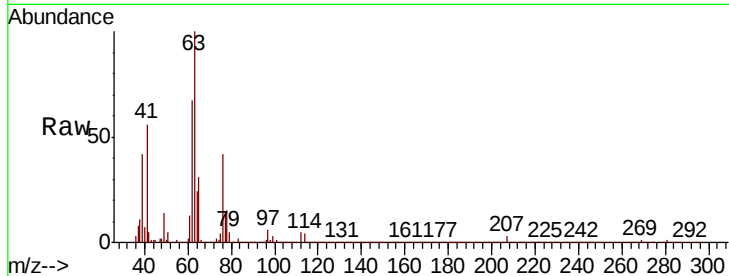
VSTDCCC050EC

Tot Ion: 63 Resp: 474577

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

250000

200000

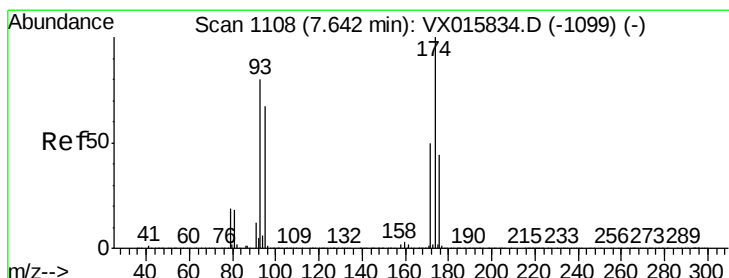
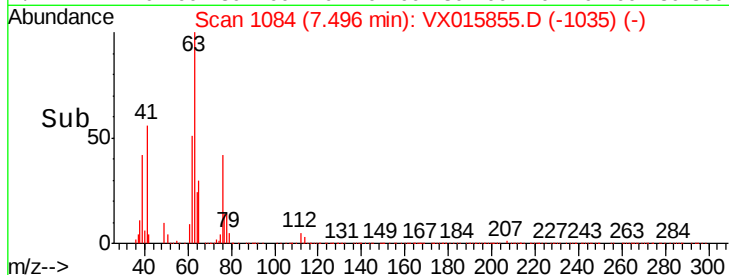
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 47.722 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

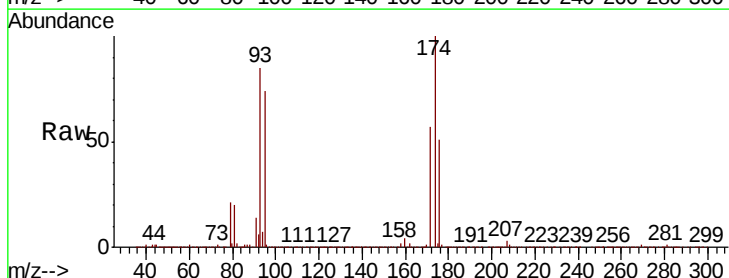
Tgt Ion: 93 Resp: 329790

Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 114.5 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

250000

200000

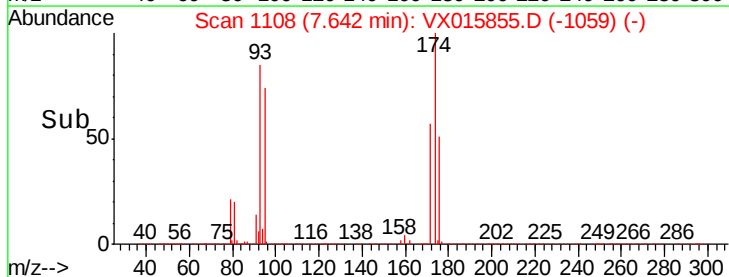
150000

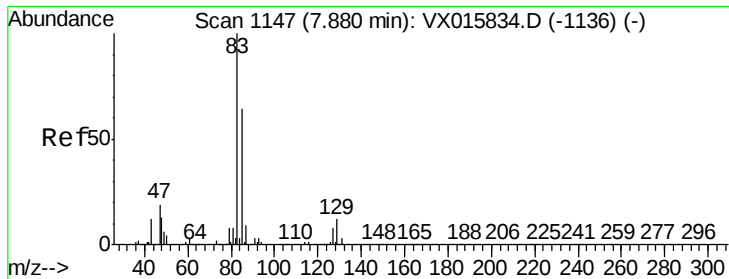
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.504 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

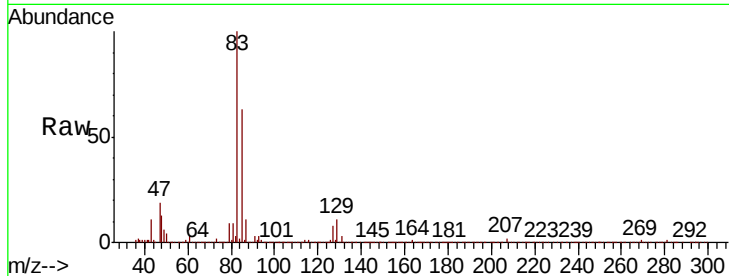
Tot Ion: 83 Resp: 620894

Ion Ratio Lower Upper

83 100

85 63.1 50.8 76.2

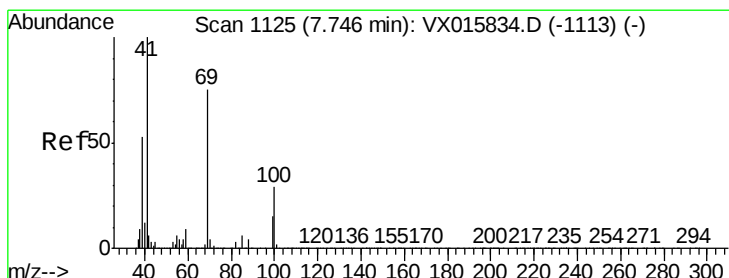
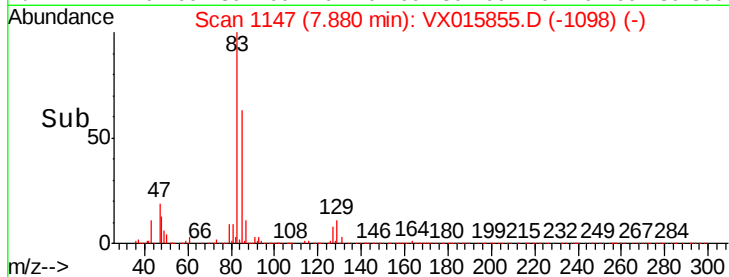
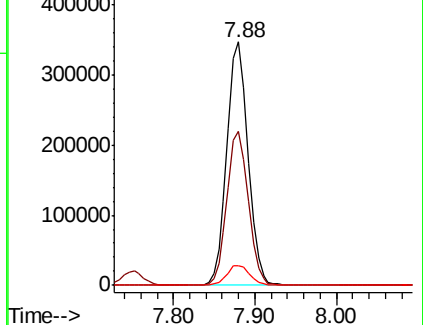
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.848 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

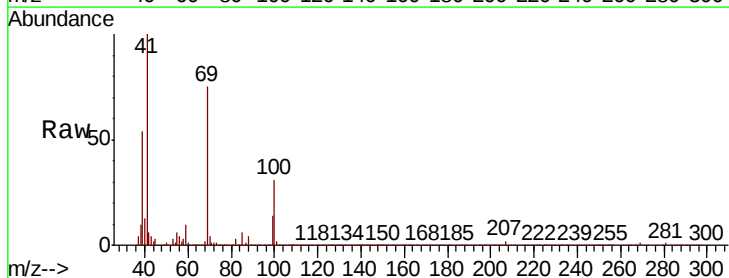
Tgt Ion: 41 Resp: 590408

Ion Ratio Lower Upper

41 100

69 75.5 60.5 90.7

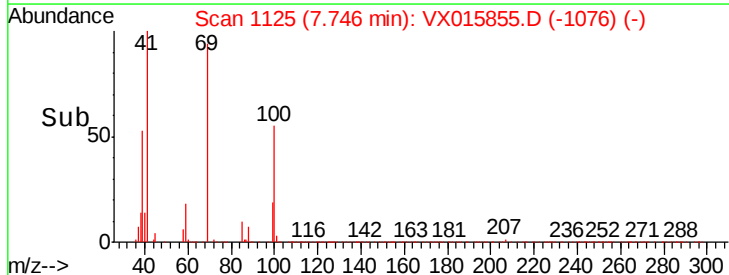
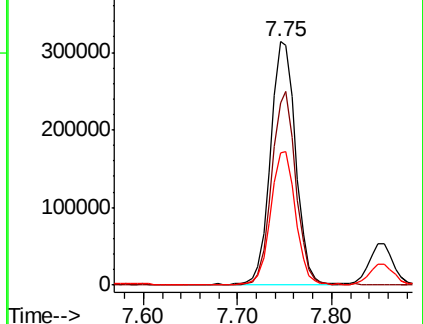
39 53.5 42.1 63.1

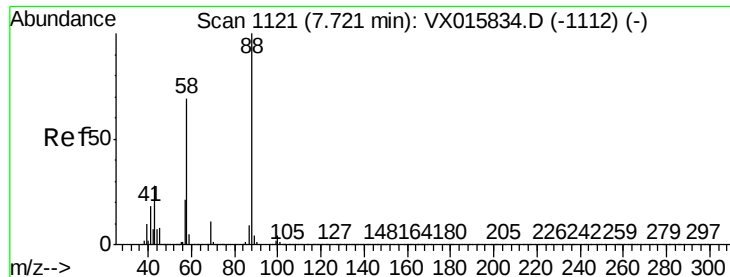


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 927.033 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

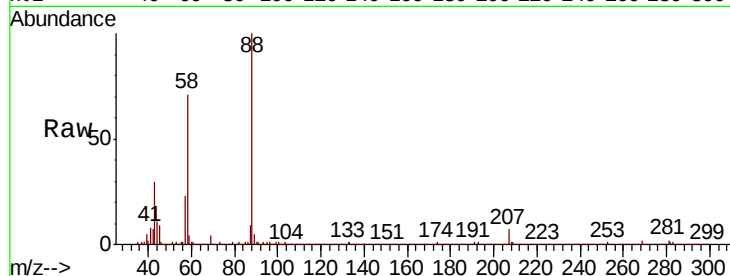
Tot Ion: 88 Resp: 207507

Ion Ratio Lower Upper

88 100

43 36.3 28.2 42.4

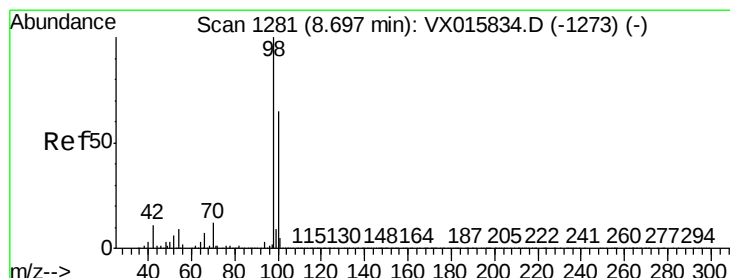
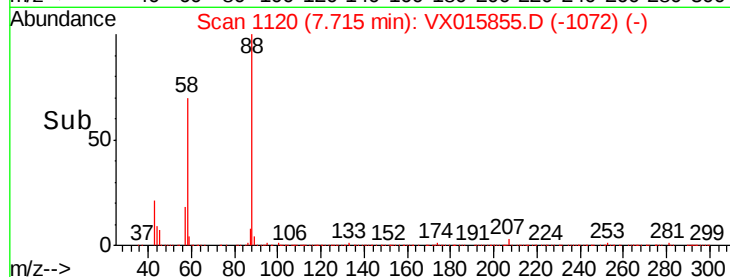
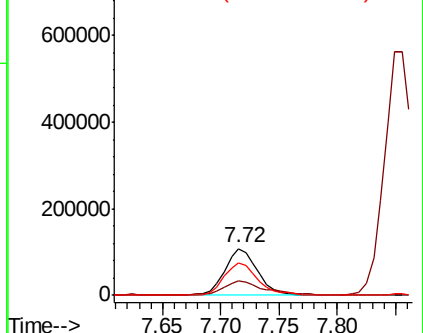
58 72.2 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.239 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015855.D

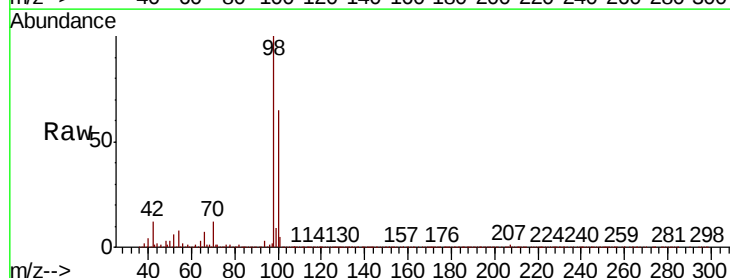
Acq: 22 Apr 2020 20:25

Tgt Ion: 98 Resp: 1610825

Ion Ratio Lower Upper

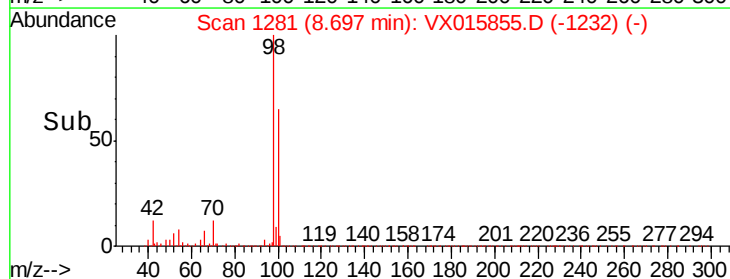
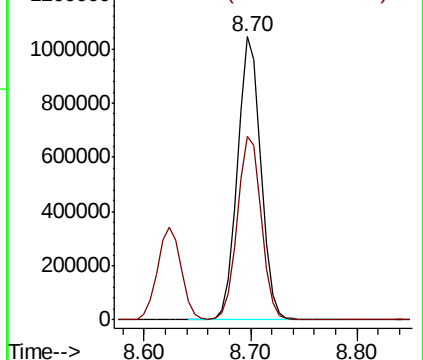
98 100

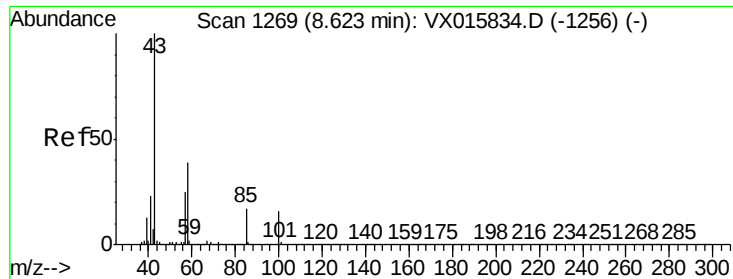
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

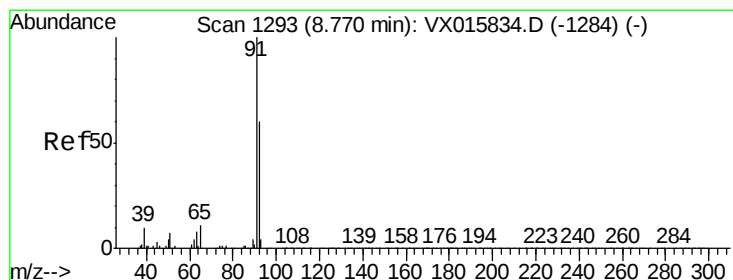
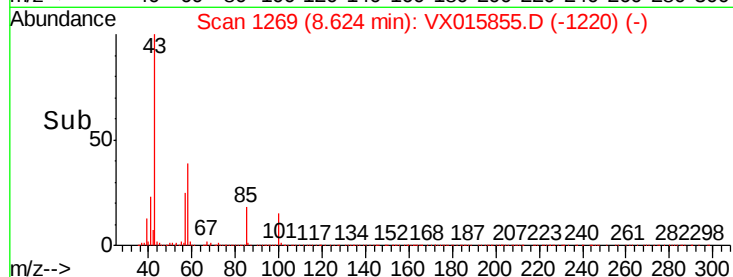
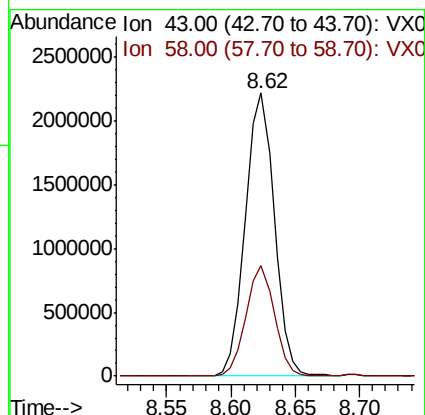
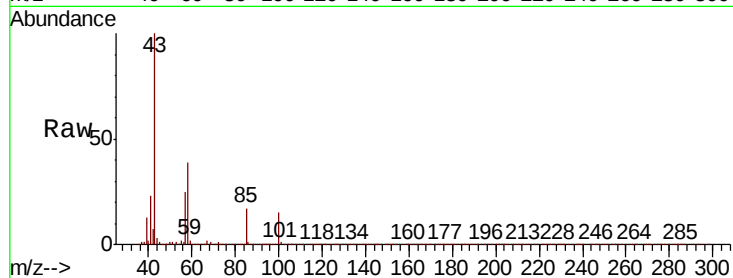




#51
 4-Methyl-2-Pentanone
 Concen: 248.626 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

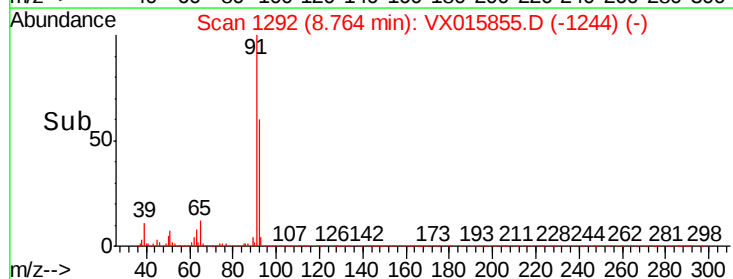
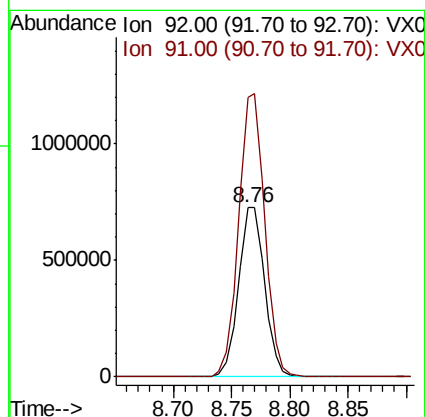
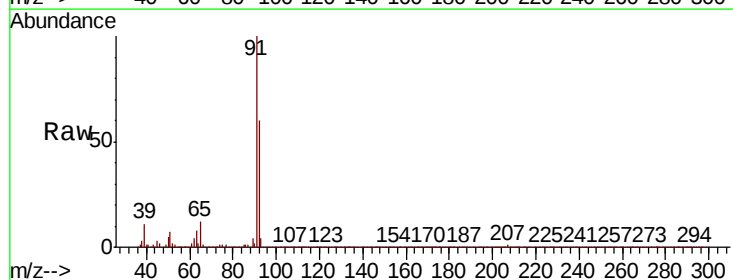
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

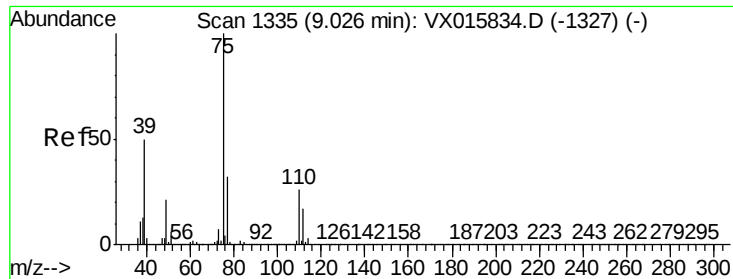
Tot Ion: 43 Resp: 3455471
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.6 45.8



#52
 Toluene
 Concen: 49.241 ug/l
 RT: 8.76 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion: 92 Resp: 1140162
 Ion Ratio Lower Upper
 92 100
 91 167.4 133.4 200.0

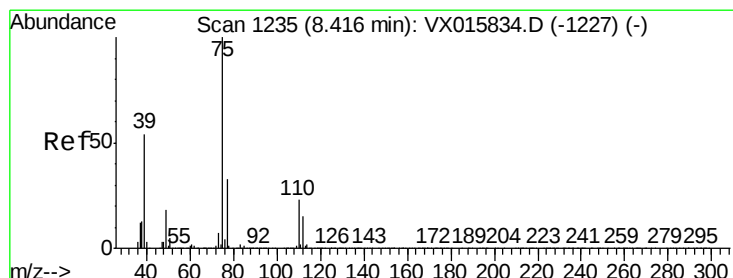
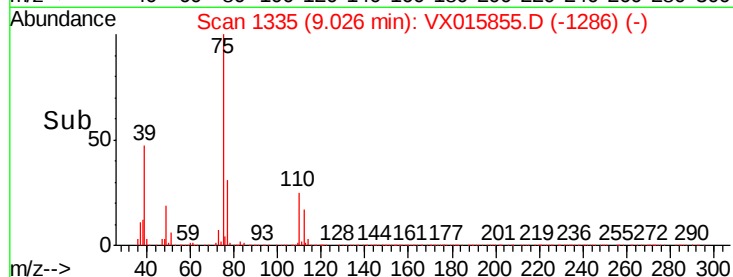
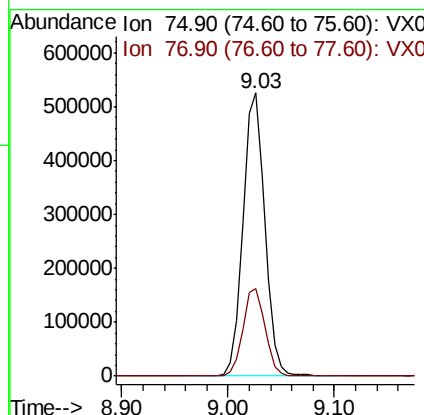
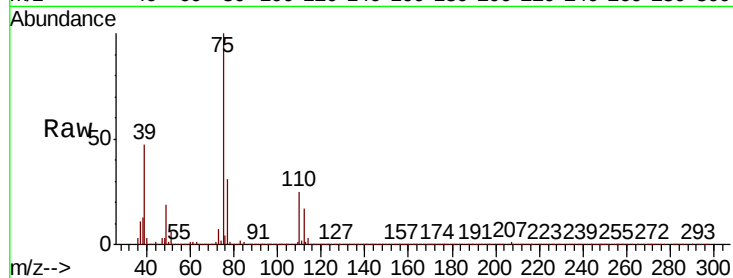




#53
t-1,3-Dichloropropene
Concen: 49.580 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

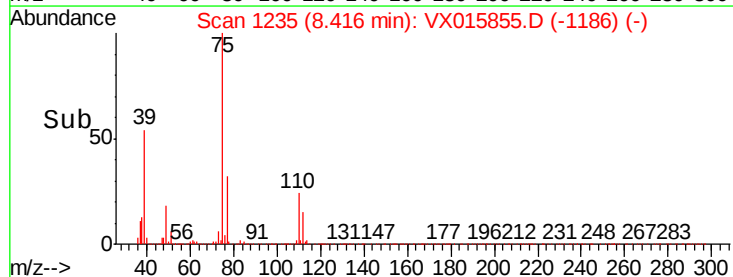
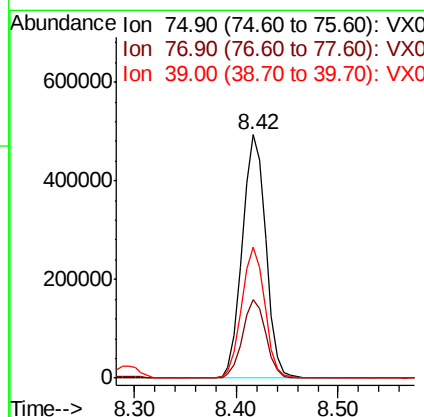
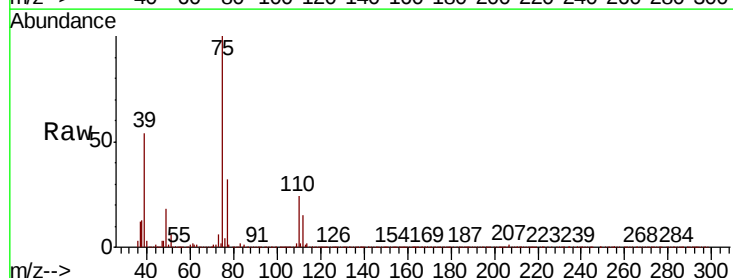
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

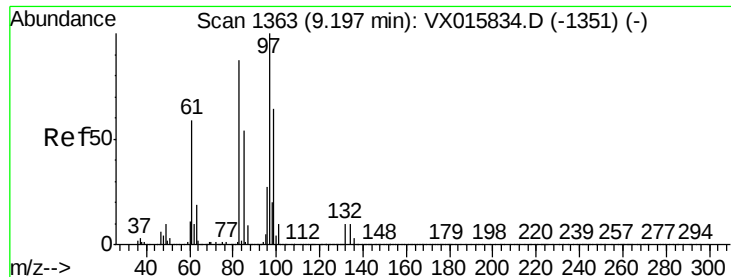
Tot Ion: 75 Resp: 756297
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 48.549 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 75 Resp: 782711
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
39 53.5 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 50.188 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 453768

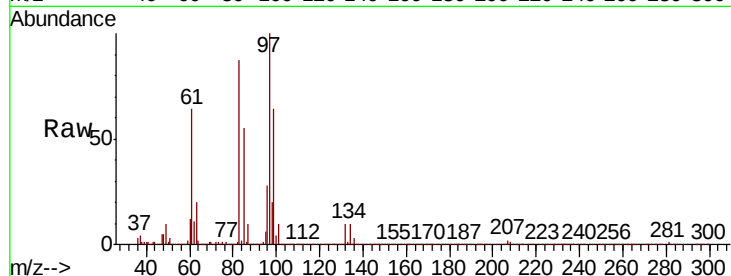
Ion Ratio Lower Upper

97 100

83 87.0 69.8 104.8

85 54.5 43.4 65.2

99 63.5 51.2 76.8

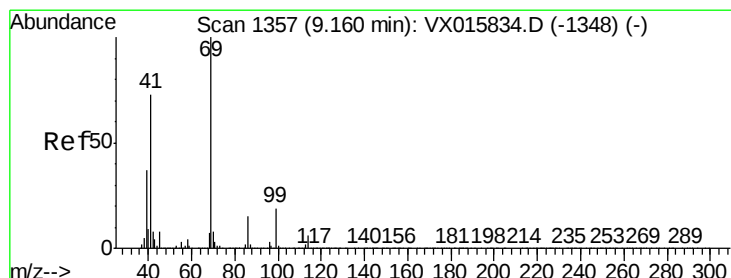
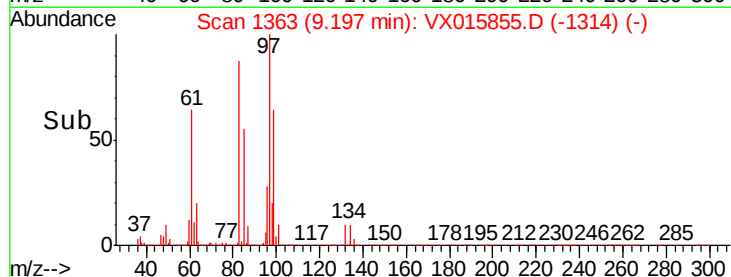
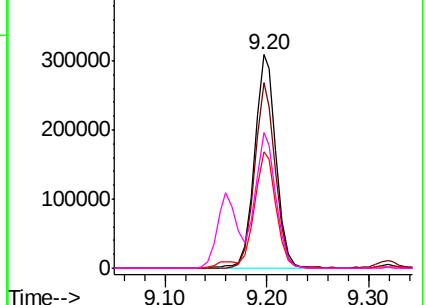


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.190 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

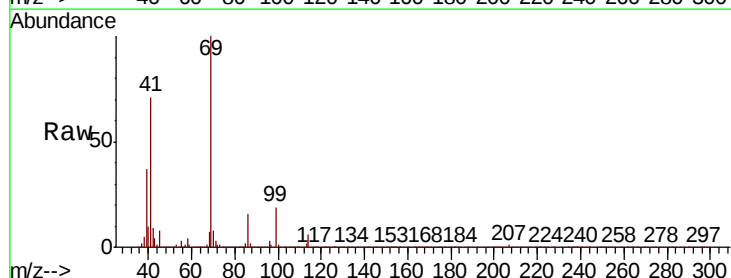
Tgt Ion: 69 Resp: 753324

Ion Ratio Lower Upper

69 100

41 72.8 57.4 86.2

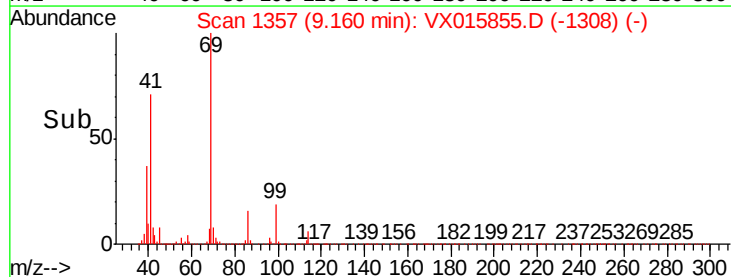
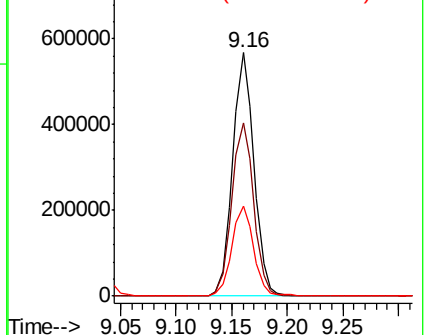
39 37.4 29.7 44.5

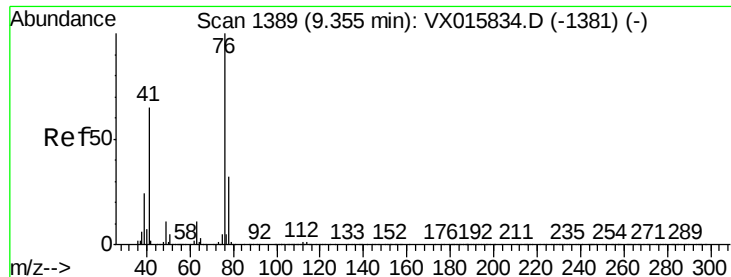


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.507 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

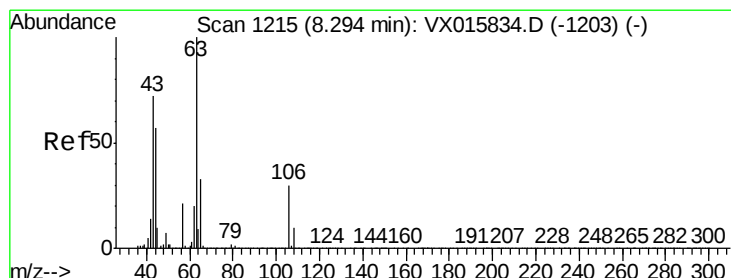
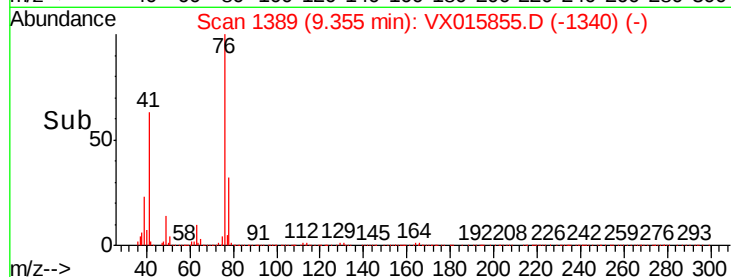
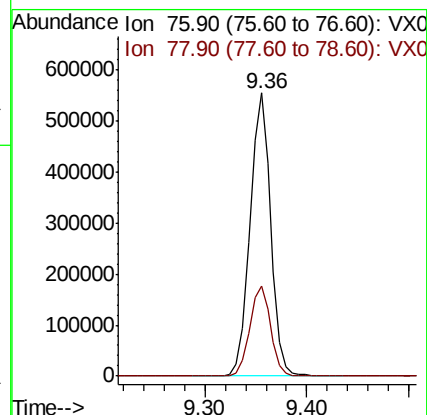
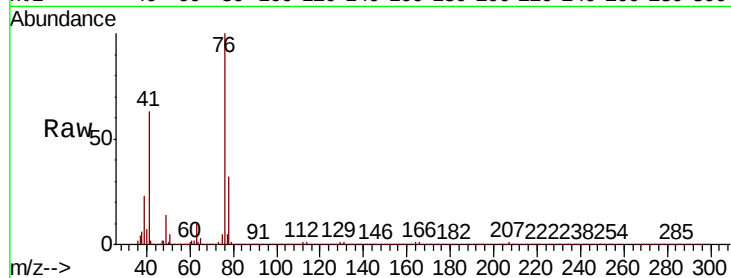
VSTDCCC050EC

Tot Ion: 76 Resp: 777830

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 250.633 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015855.D

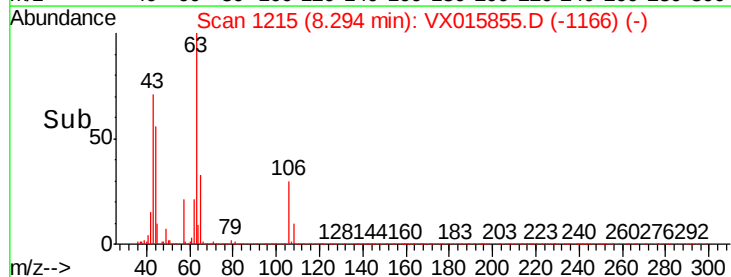
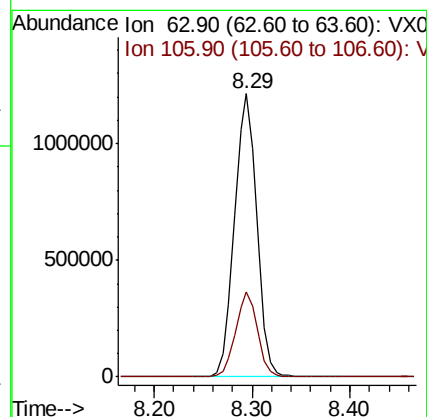
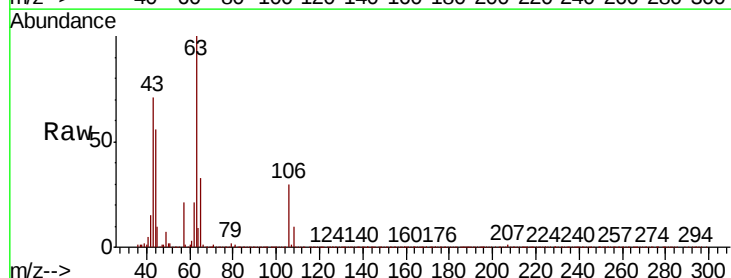
Acq: 22 Apr 2020 20:25

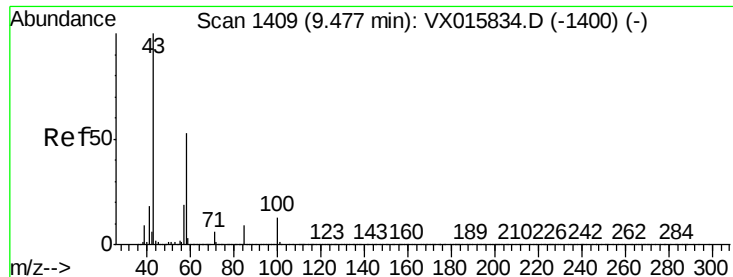
Tgt Ion: 63 Resp: 1917479

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

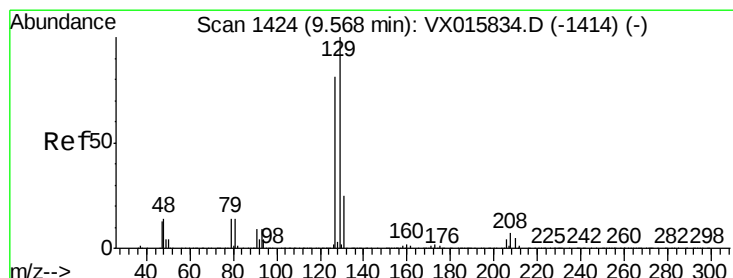
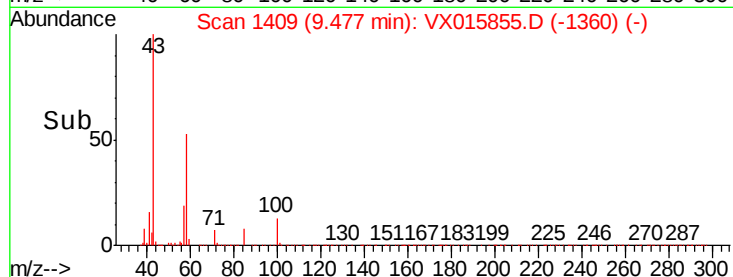
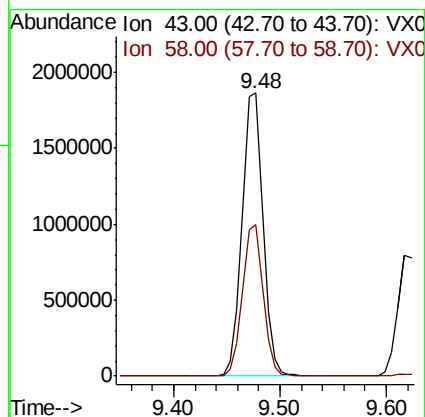
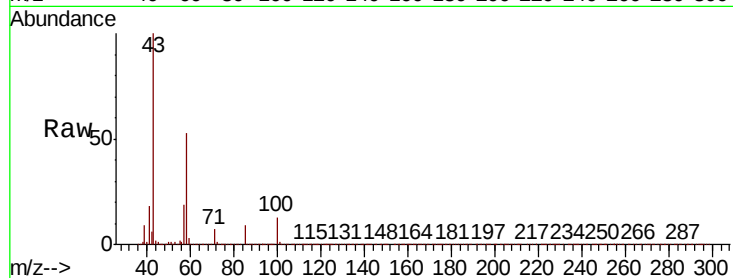




#59
2-Hexanone
Concen: 245.584 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

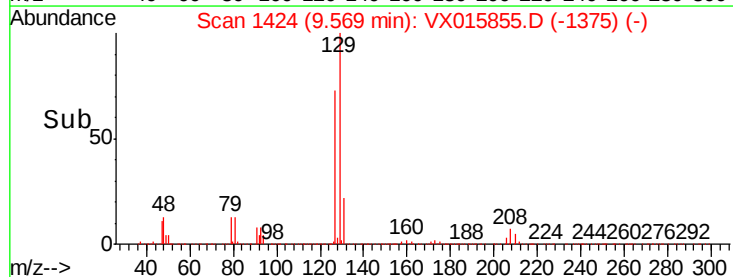
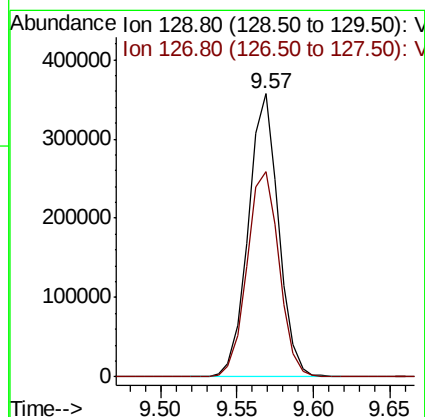
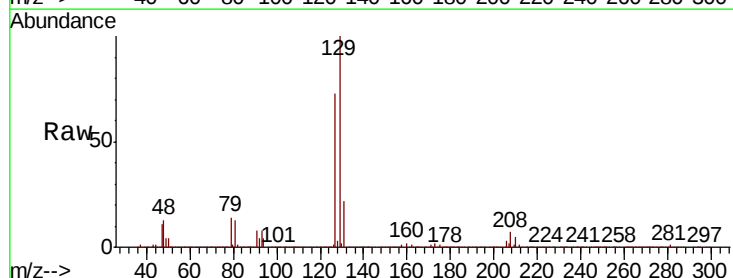
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

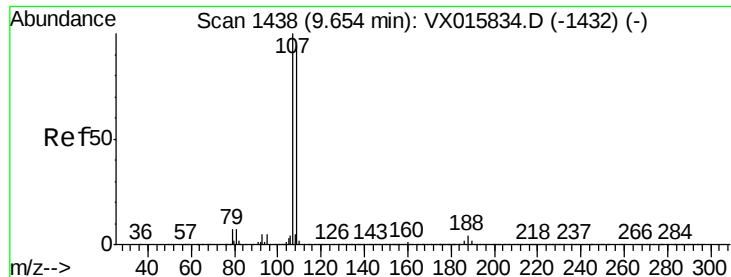
Tot Ion: 43 Resp: 2600194
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4



#60
Dibromochloromethane
Concen: 52.540 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 129 Resp: 490567
Ion Ratio Lower Upper
129 100
127 76.5 40.0 120.0

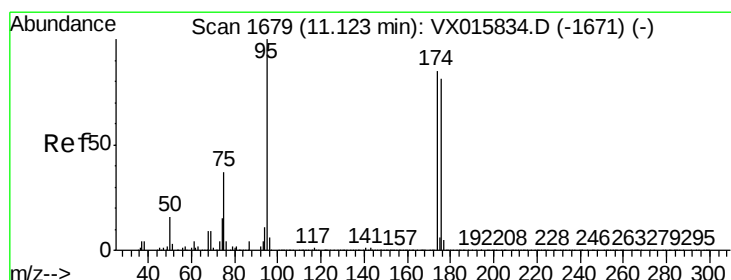
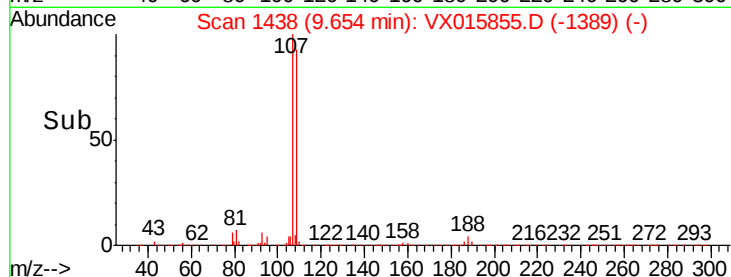
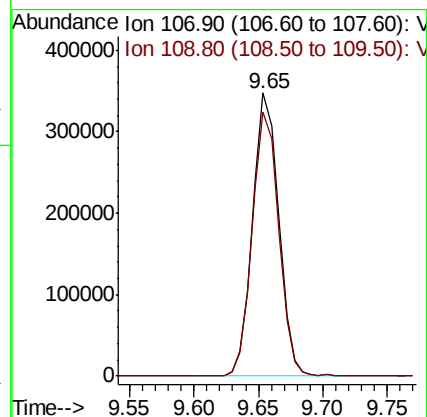
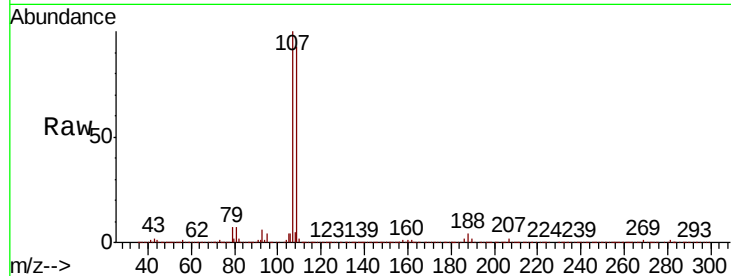




#61
 1,2-Dibromoethane
 Concen: 48.351 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

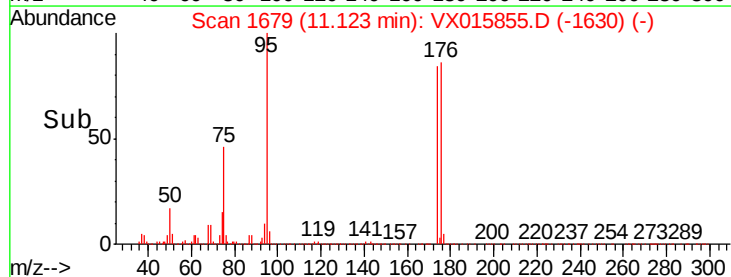
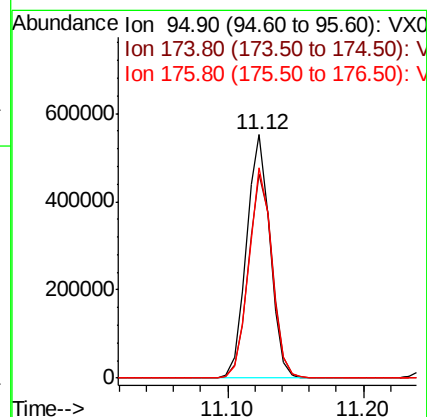
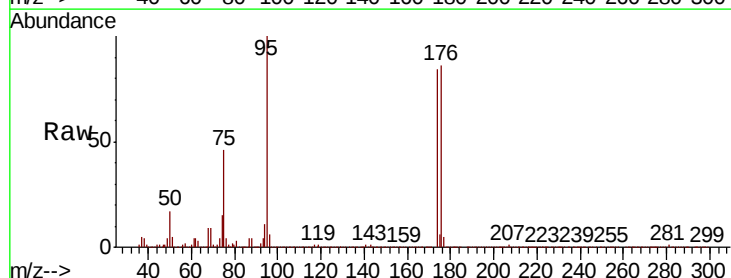
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

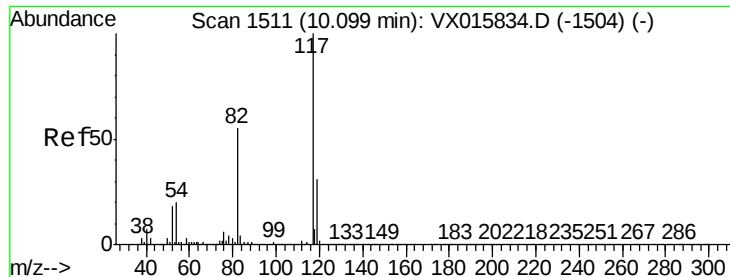
Tot Ion:107 Resp: 483154
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.378 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion: 95 Resp: 662608
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 172.4
 176 85.4 0.0 167.0

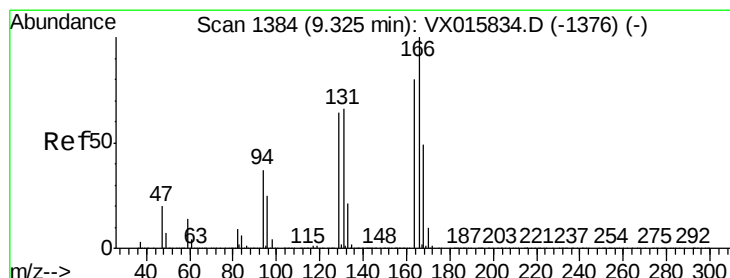
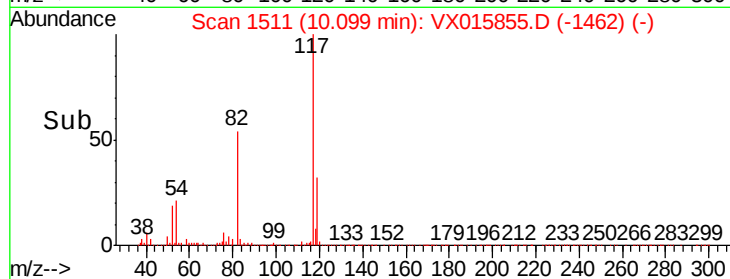
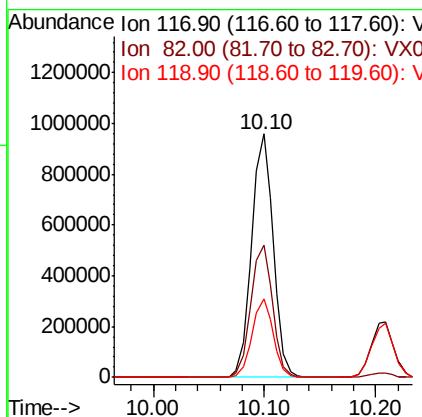
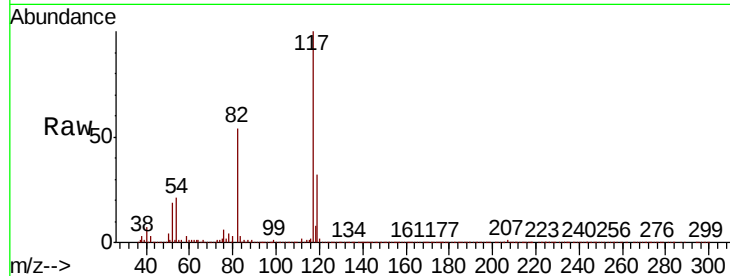




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

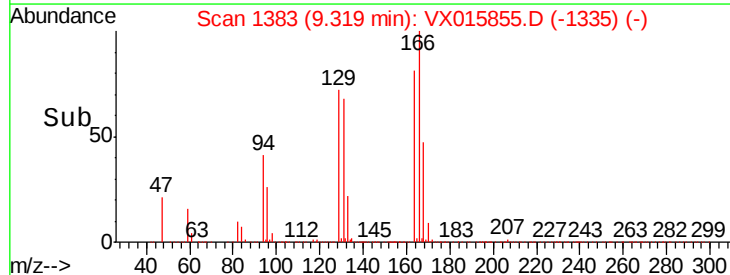
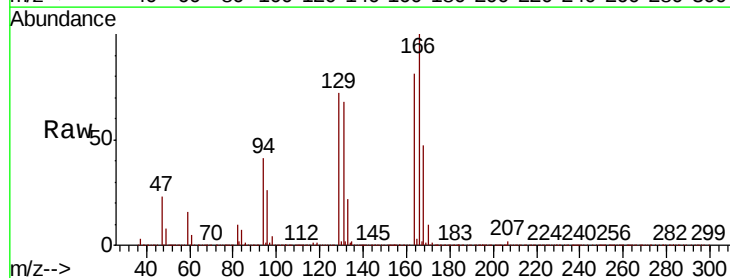
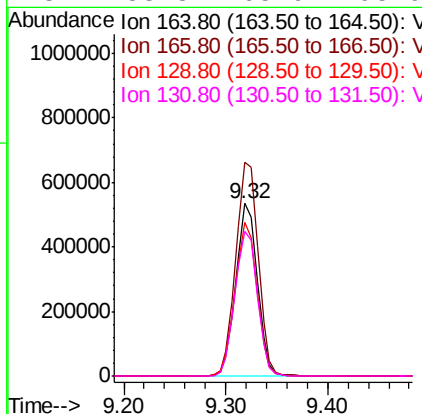
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

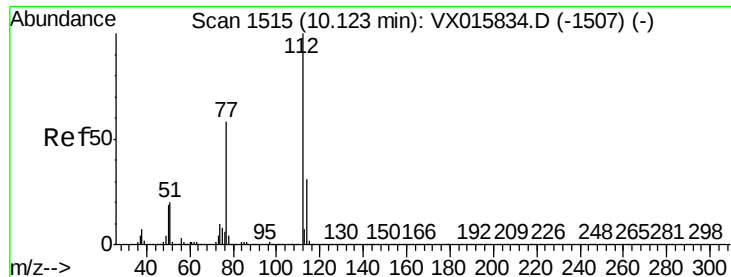
Tot Ion:117 Resp: 1292647
Ion Ratio Lower Upper
117 100
82 54.3 43.9 65.9
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 44.436 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion:164 Resp: 774228
Ion Ratio Lower Upper
164 100
166 123.8 100.2 150.2
129 89.3 64.5 96.7
131 83.8 65.9 98.9





#65

Chlorobenzene

Concen: 47.210 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

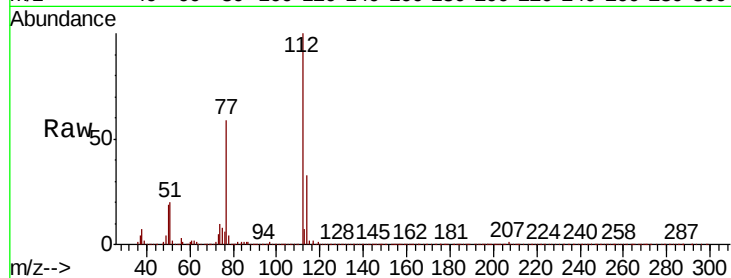
VSTDCCC050EC

Tot Ion:112 Resp: 1220332

Ion Ratio Lower Upper

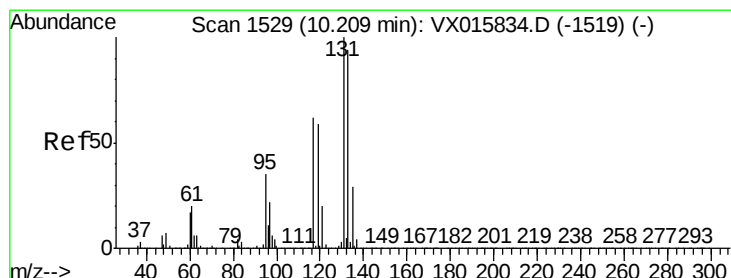
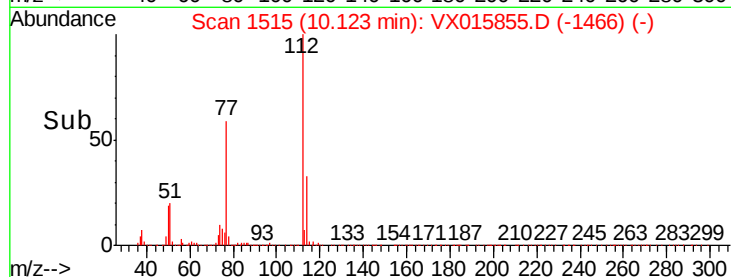
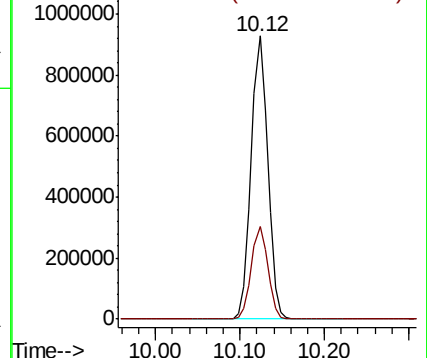
112 100

114 32.6 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.949 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

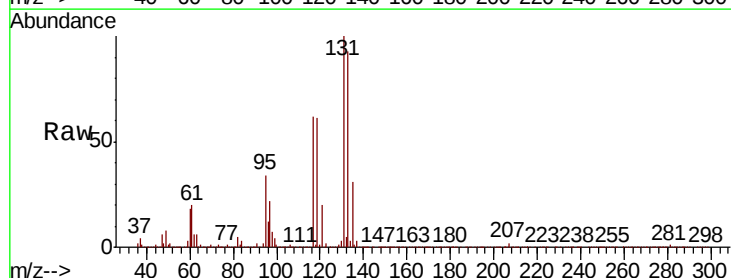
Tgt Ion:131 Resp: 482620

Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

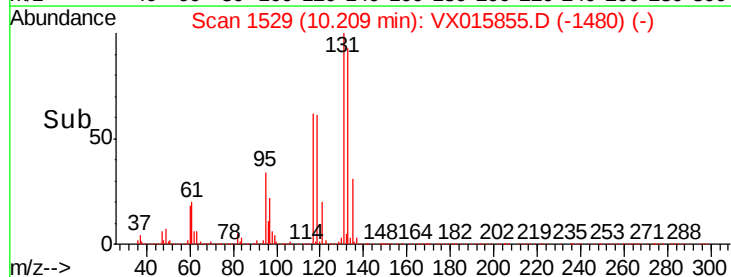
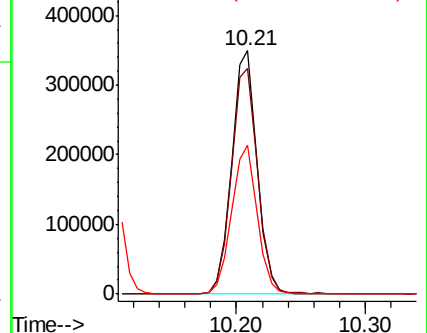
119 61.4 30.9 92.8

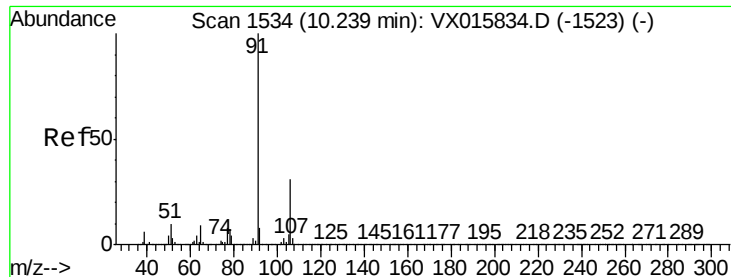


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.921 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

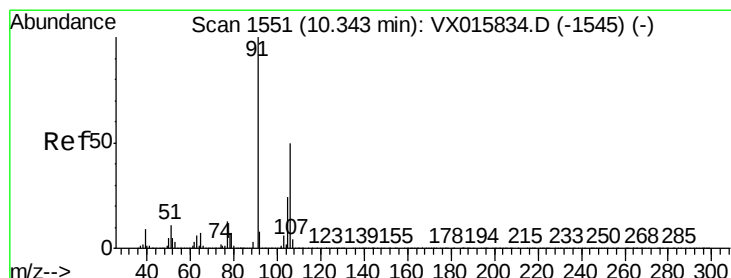
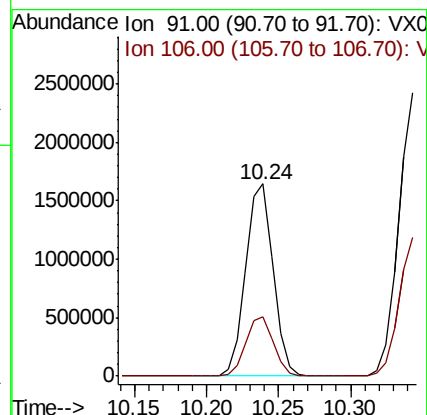
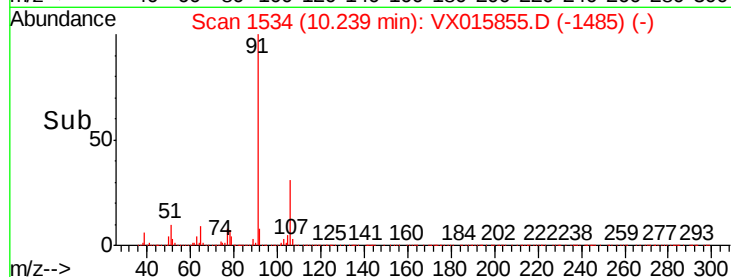
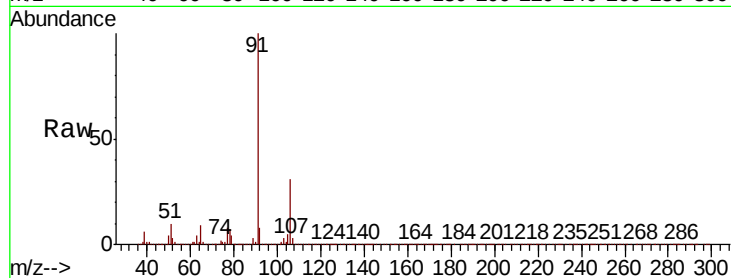
VSTDCCC050EC

Tot Ion: 91 Resp: 2175246

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 95.951 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015855.D

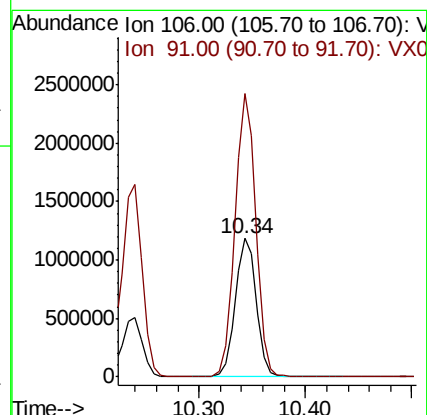
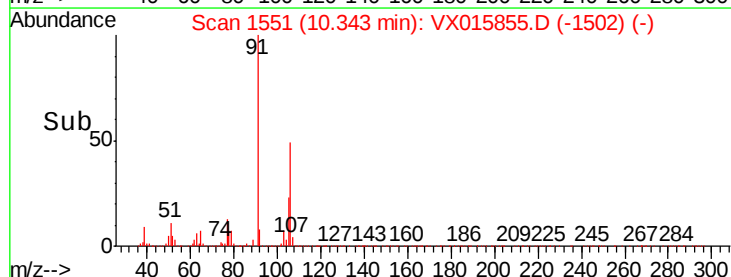
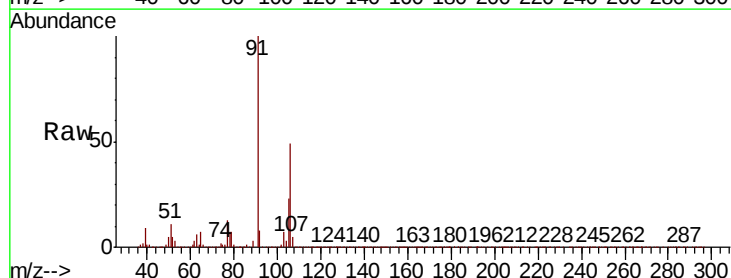
Acq: 22 Apr 2020 20:25

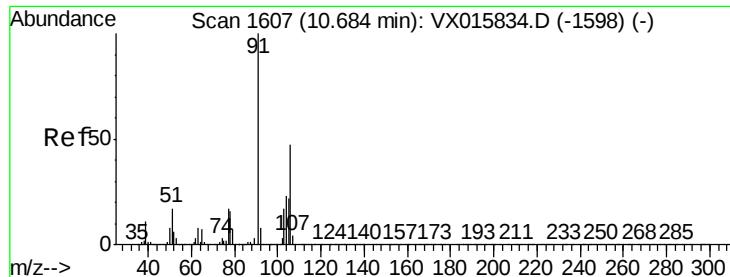
Tgt Ion: 106 Resp: 1634832

Ion Ratio Lower Upper

106 100

91 202.3 161.1 241.7

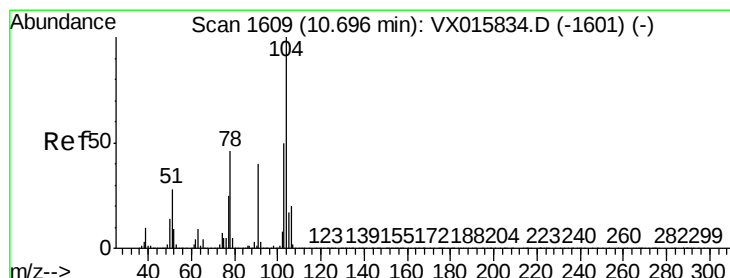
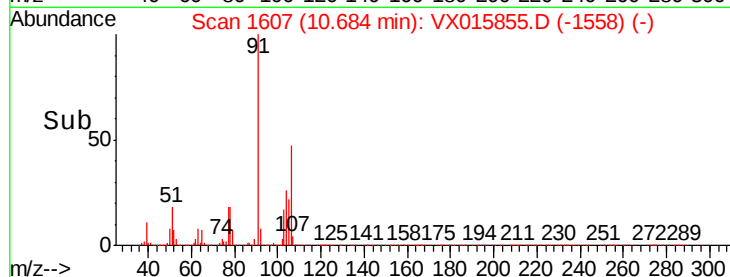
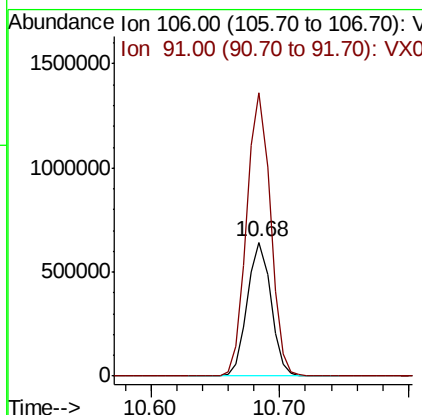
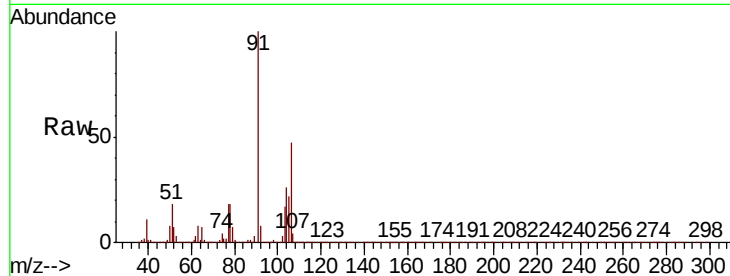




#69
o-Xylene
Concen: 48.565 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

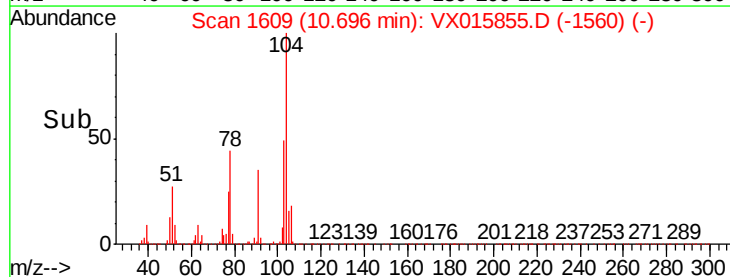
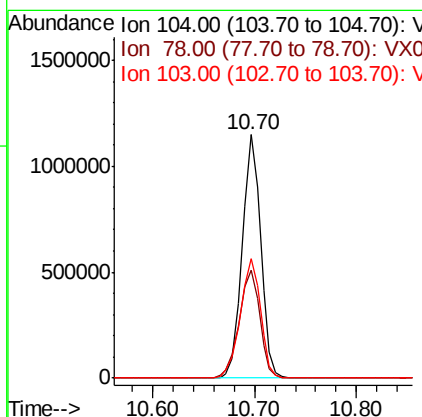
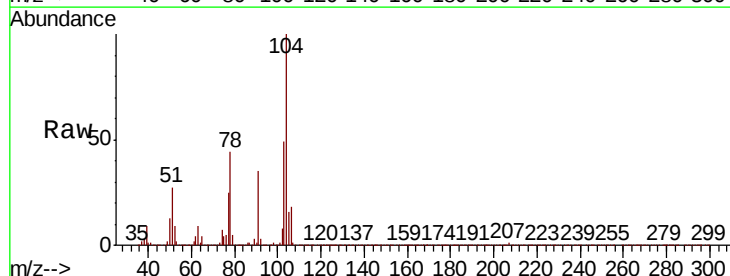
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

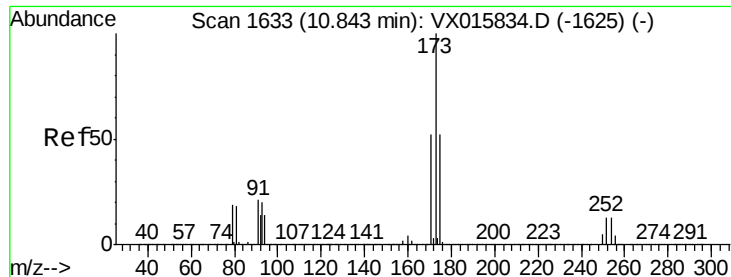
Tot Ion:106 Resp: 814258
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.3



#70
Styrene
Concen: 49.401 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion:104 Resp: 1434160
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 53.6 43.3 64.9

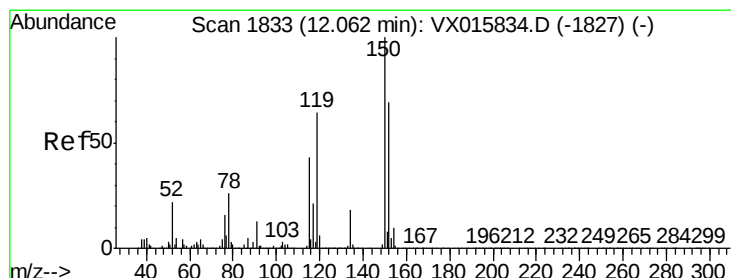
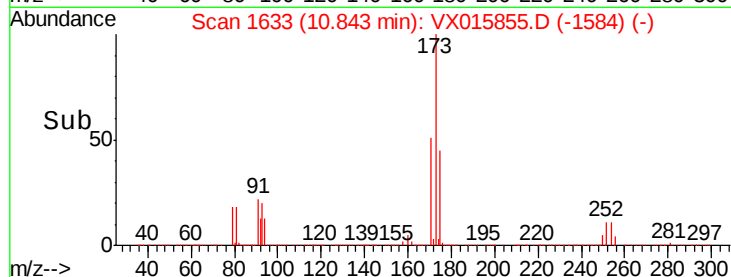
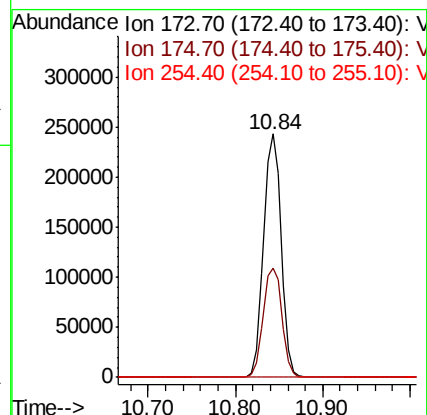
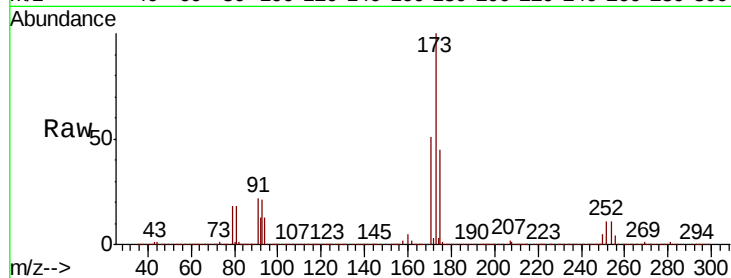




#71
Bromoform
Concen: 54.036 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

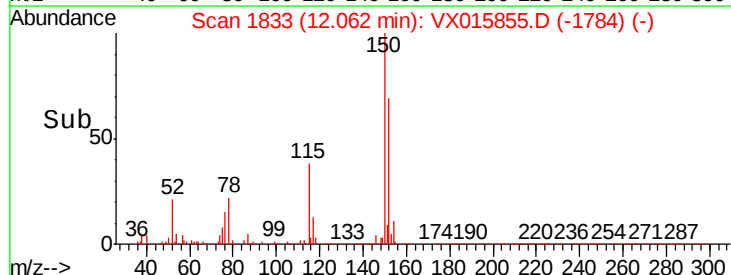
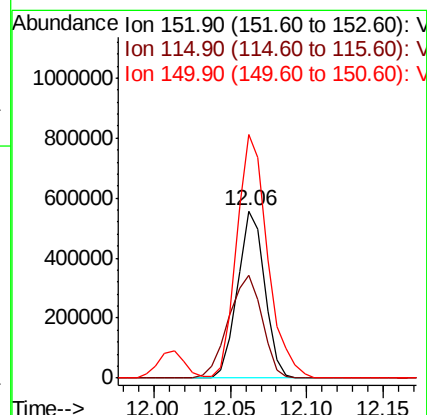
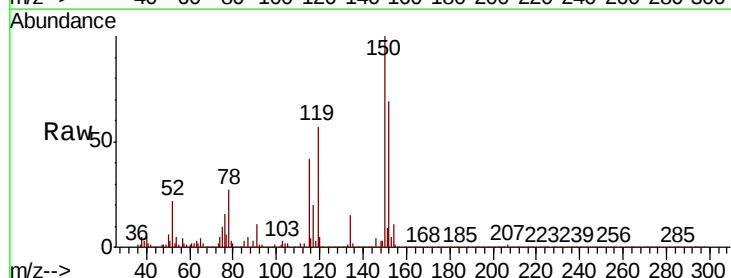
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

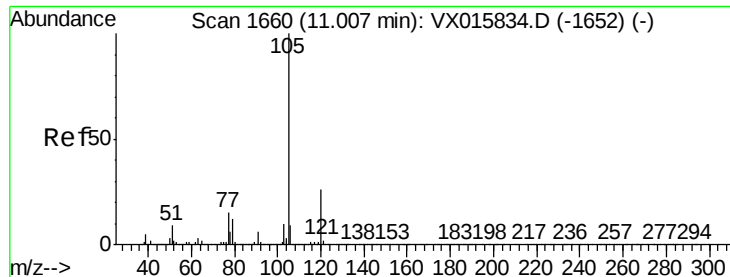
Tot Ion:173 Resp: 340223
Ion Ratio Lower Upper
173 100
175 47.6 25.1 75.4
254 0.4 0.3 0.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion:152 Resp: 683187
Ion Ratio Lower Upper
152 100
115 76.1 39.0 116.9
150 165.6 0.0 336.8





#73

Isopropylbenzene

Concen: 49.800 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

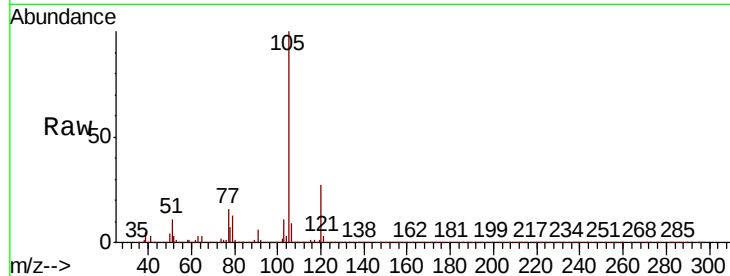
VSTDCCC050EC

Tot Ion:105 Resp: 2160773

Ion Ratio Lower Upper

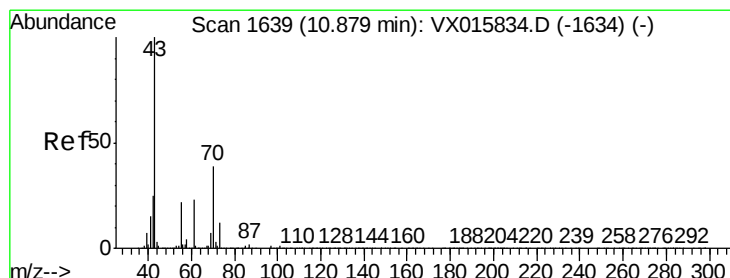
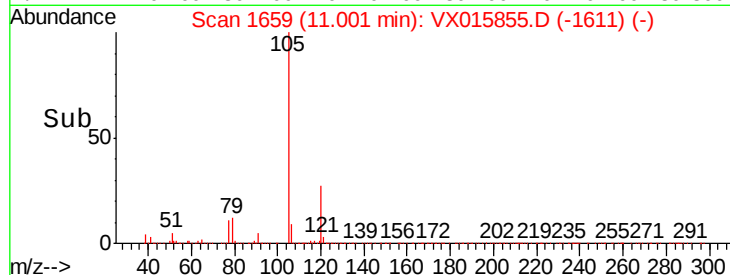
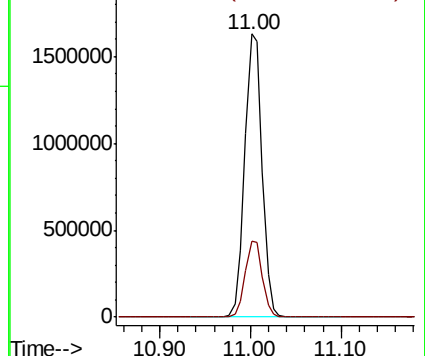
105 100

120 26.6 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.421 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion: 43 Resp: 1084614

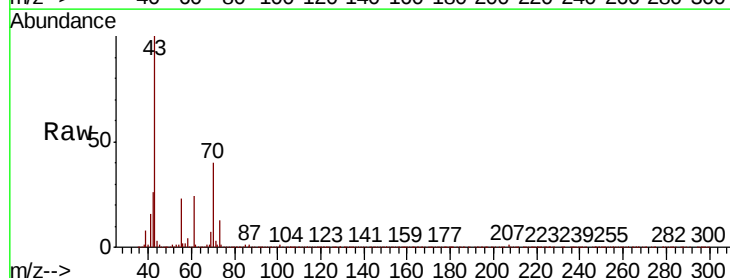
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 22.9 18.3 27.5

61 23.4 18.7 28.1

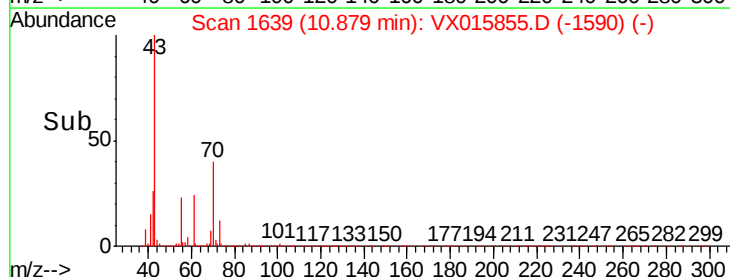
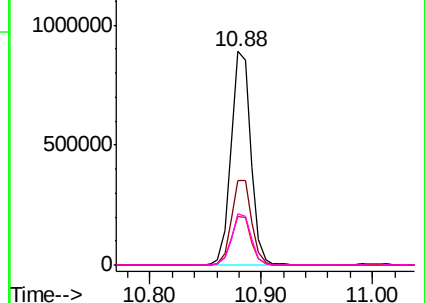


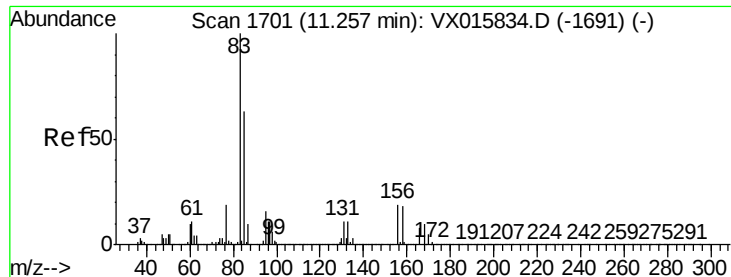
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.461 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

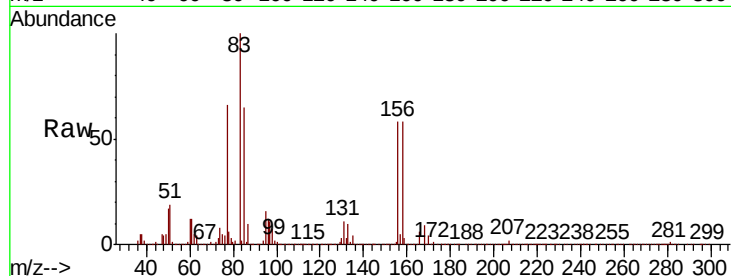
Tot Ion: 83 Resp: 463364

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

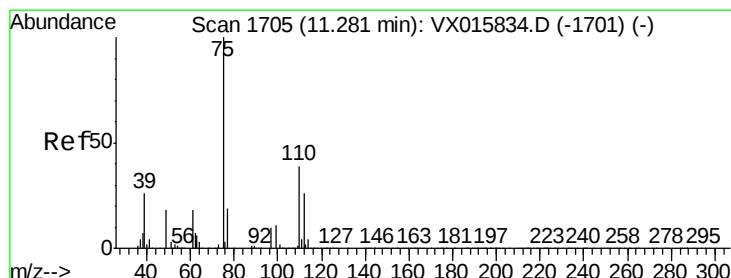
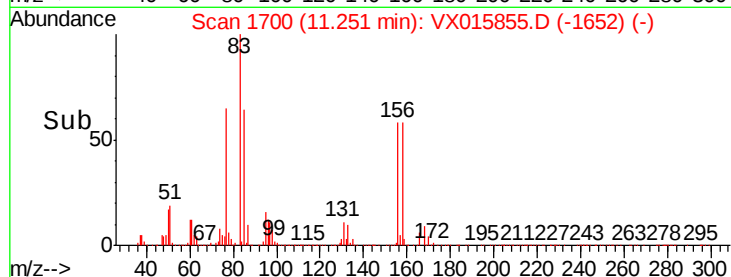
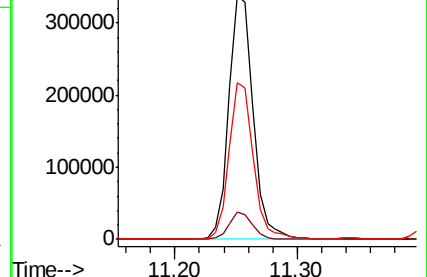
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.202 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015855.D

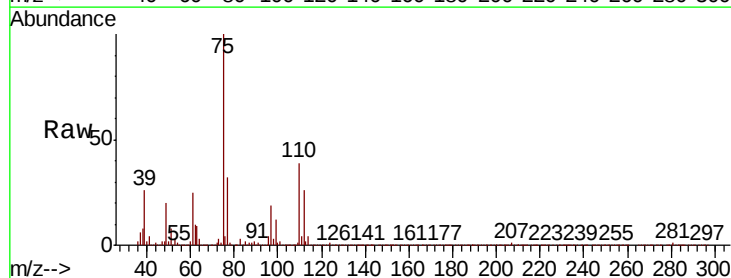
Acq: 22 Apr 2020 20:25

Tgt Ion: 75 Resp: 847059

Ion Ratio Lower Upper

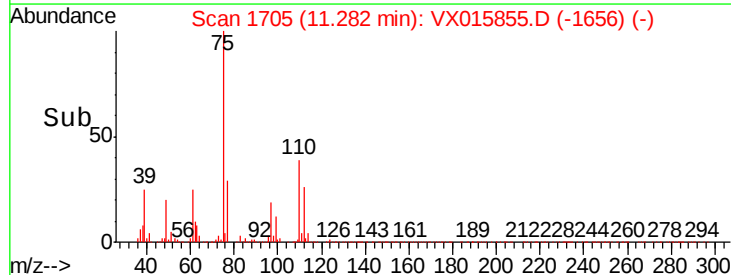
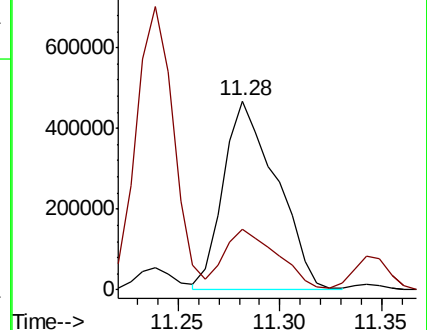
75 100

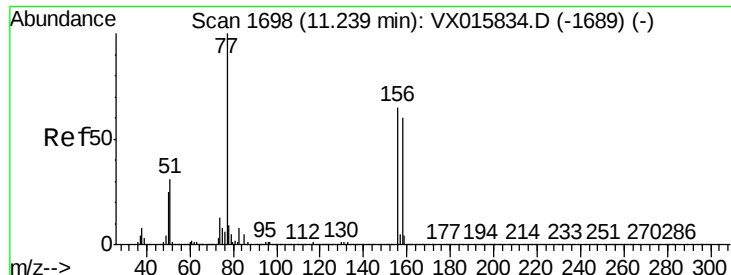
77 31.7 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.934 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

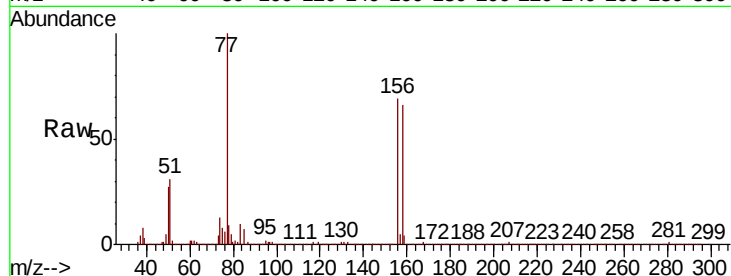
Tot Ion:156 Resp: 591980

Ion Ratio Lower Upper

156 100

77 151.6 75.2 225.6

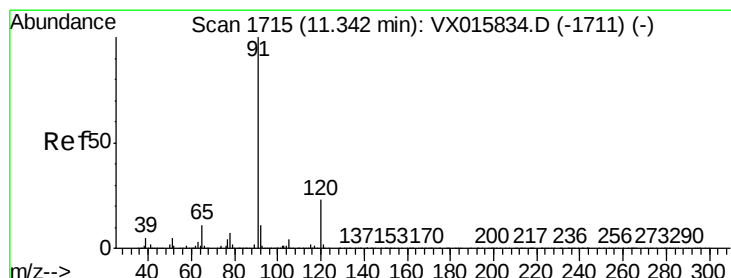
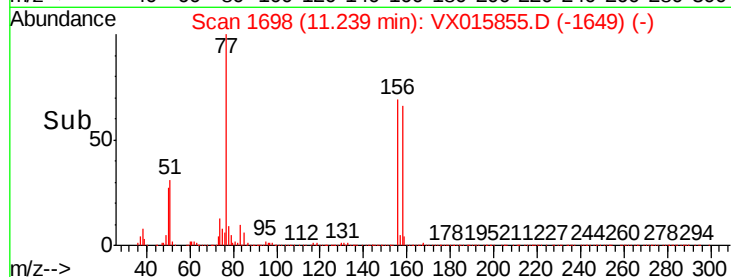
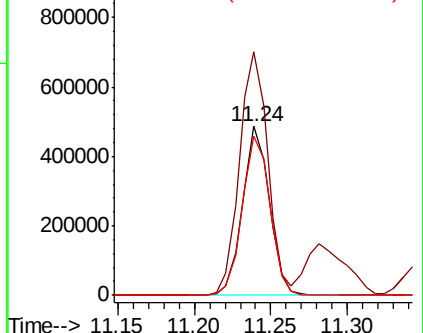
158 97.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.457 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015855.D

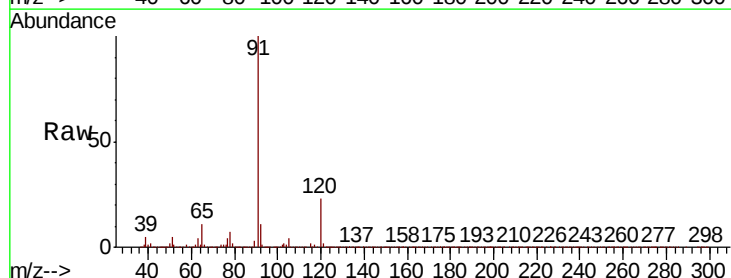
Acq: 22 Apr 2020 20:25

Tgt Ion: 91 Resp: 2458243

Ion Ratio Lower Upper

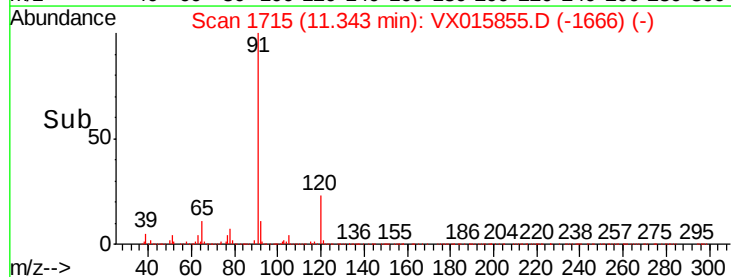
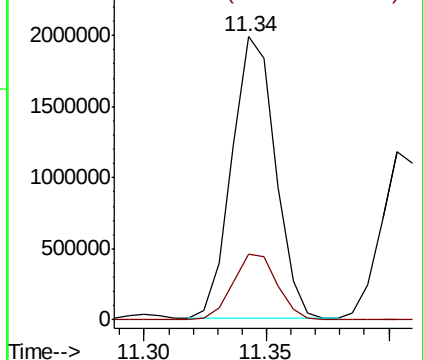
91 100

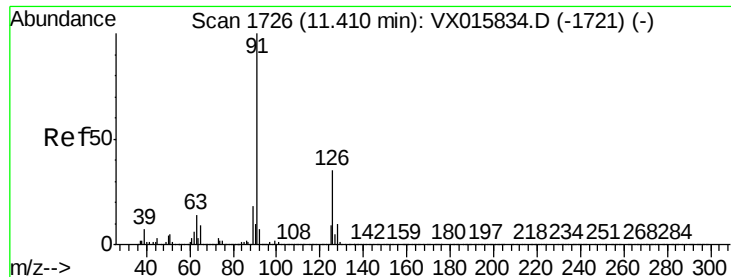
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

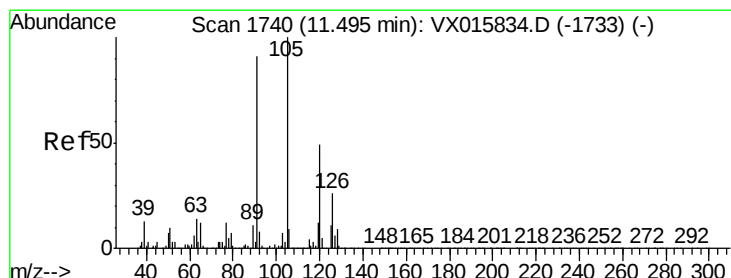
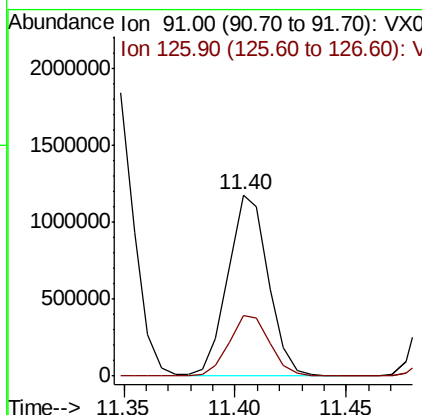
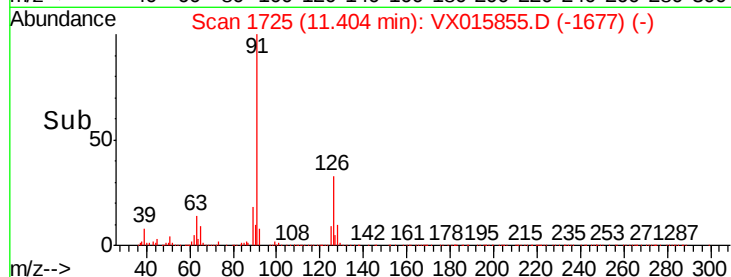
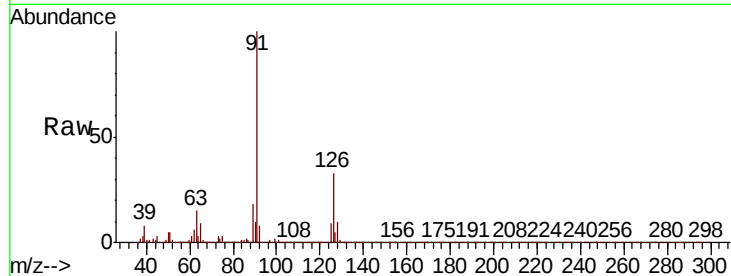




#79
 2-Chlorotoluene
 Concen: 49.693 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

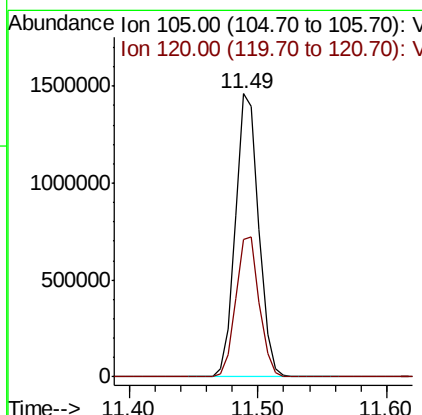
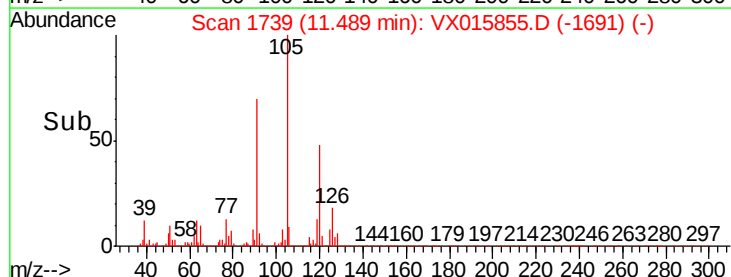
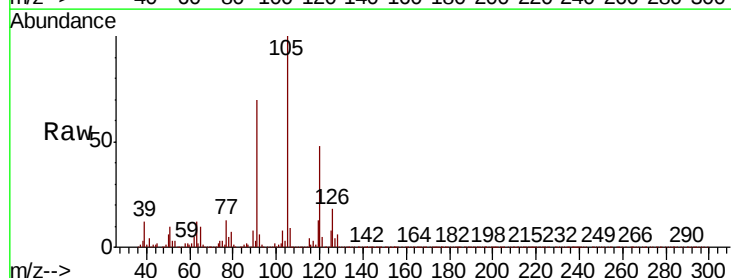
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

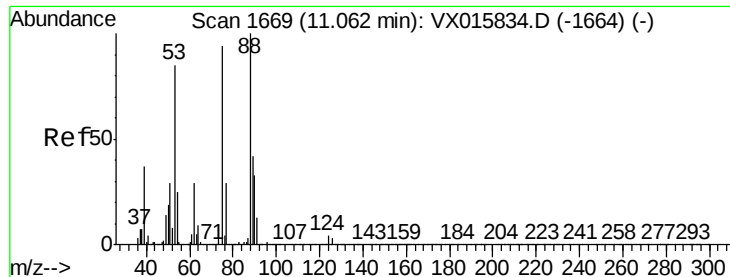
Tot Ion: 91 Resp: 1483657
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.648 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion:105 Resp: 1836841
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.722 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

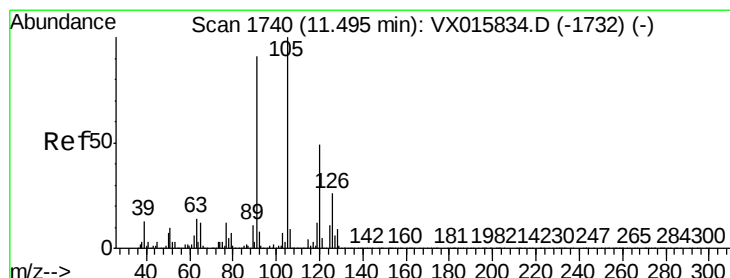
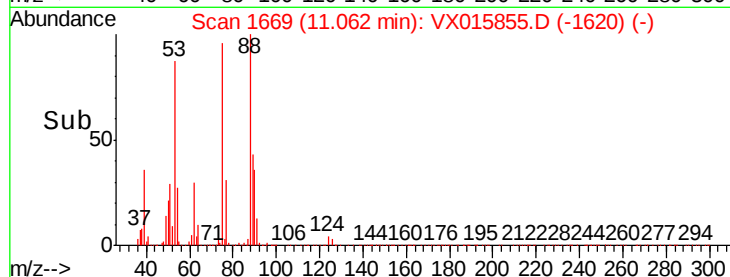
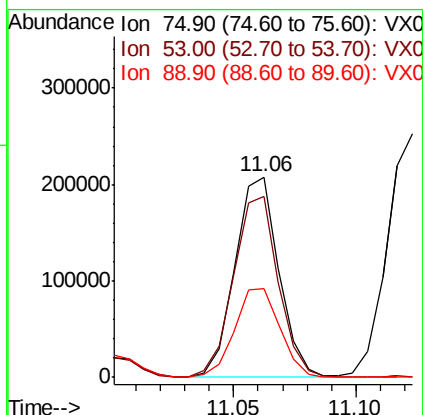
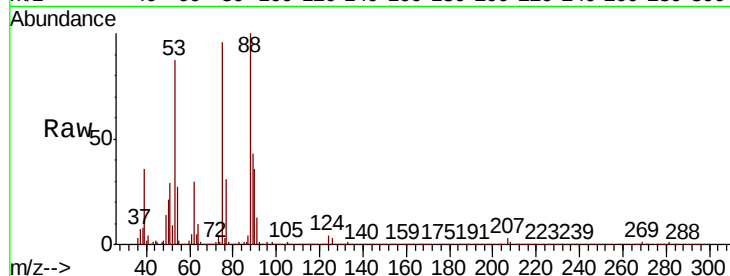
Tot Ion: 75 Resp: 257727

Ion Ratio Lower Upper

75 100

53 92.2 74.2 111.2

89 45.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.473 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015855.D

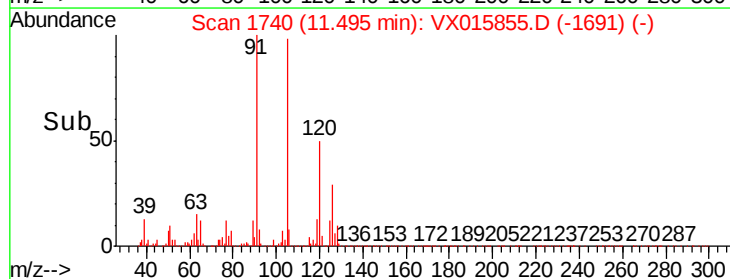
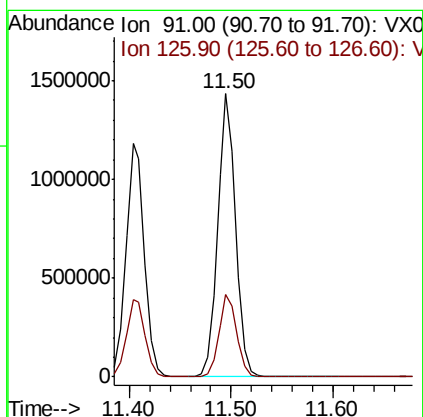
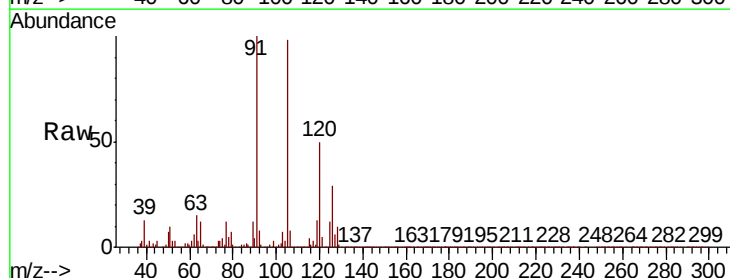
Acq: 22 Apr 2020 20:25

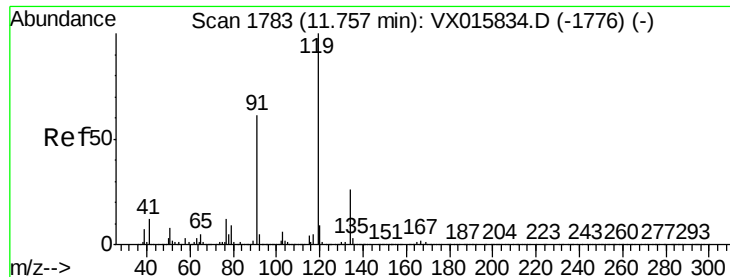
Tgt Ion: 91 Resp: 1755218

Ion Ratio Lower Upper

91 100

126 29.0 15.0 45.0





#83

tert-Butylbenzene

Concen: 49.223 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

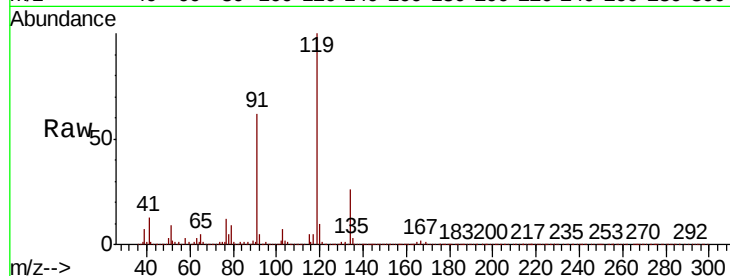
Tot Ion:119 Resp: 1615390

Ion Ratio Lower Upper

119 100

91 63.5 30.9 92.7

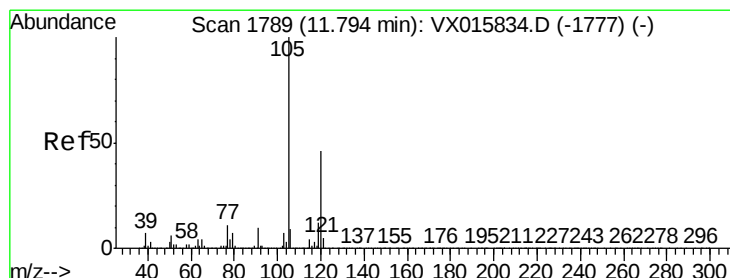
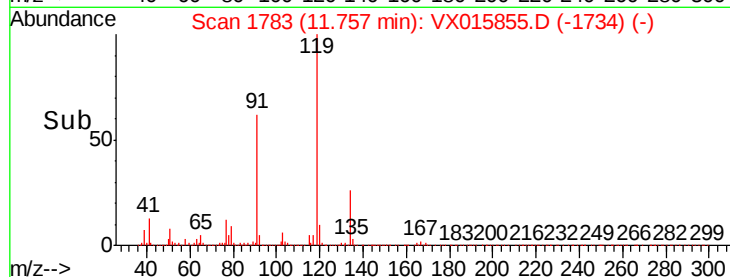
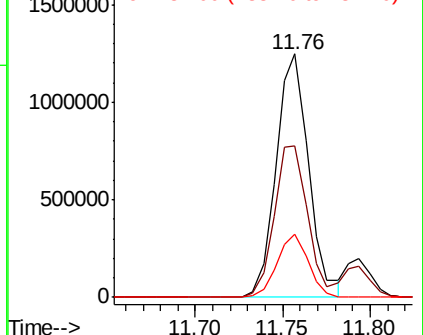
134 25.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.885 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015855.D

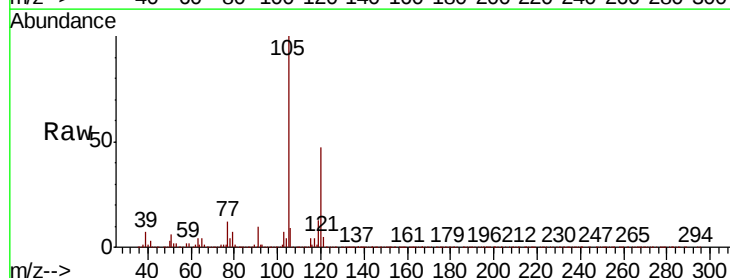
Acq: 22 Apr 2020 20:25

Tgt Ion:105 Resp: 1877676

Ion Ratio Lower Upper

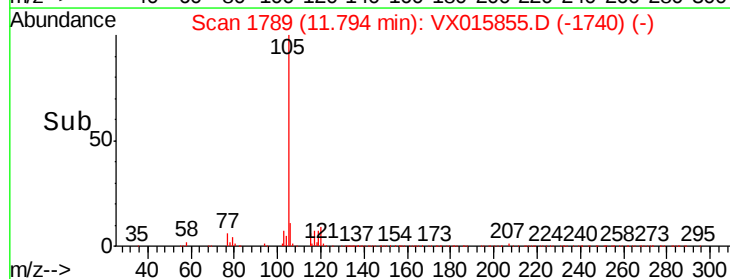
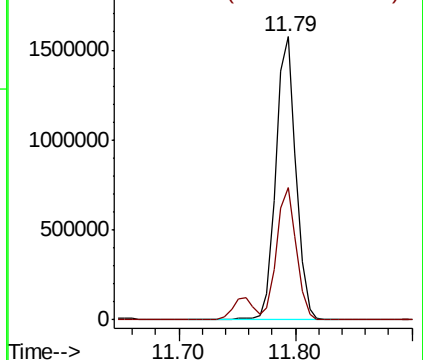
105 100

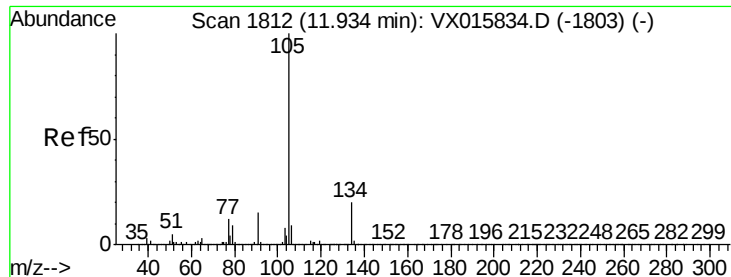
120 46.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

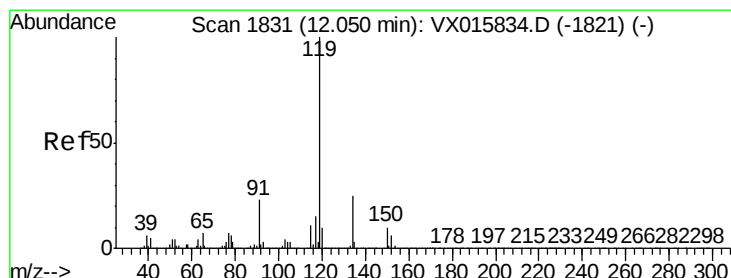
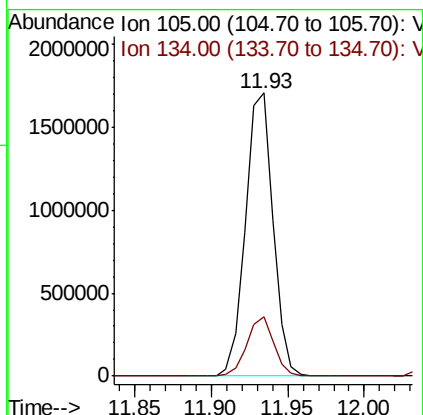
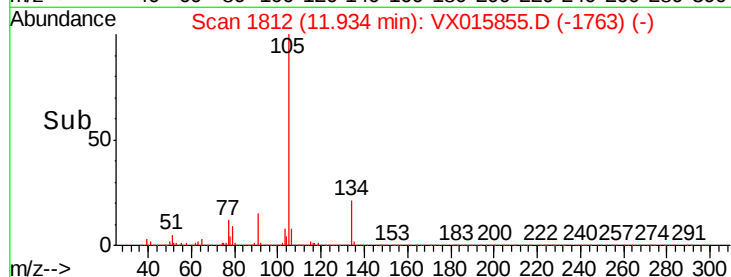
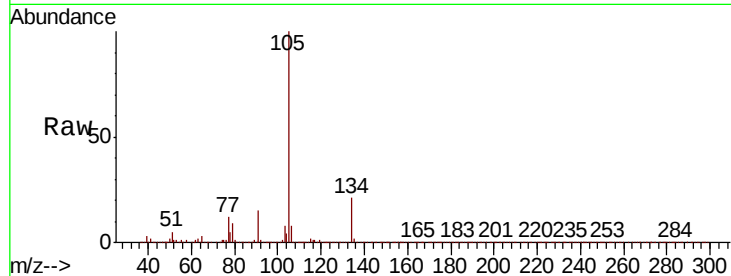




#85
 sec-Butylbenzene
 Concen: 49.226 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

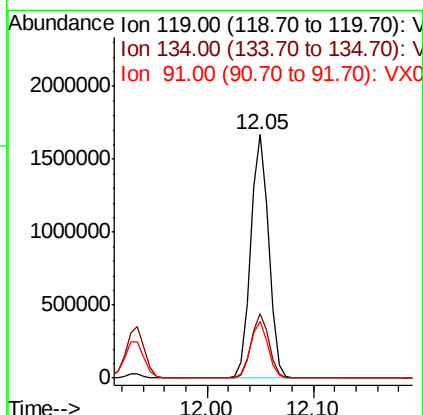
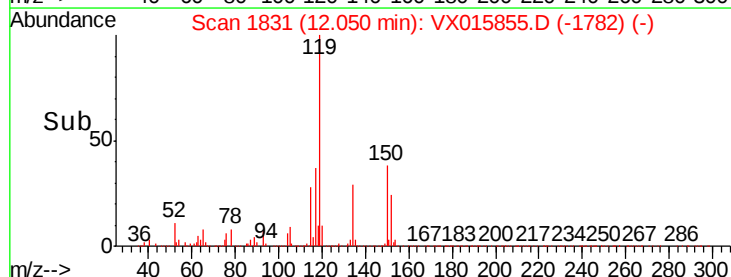
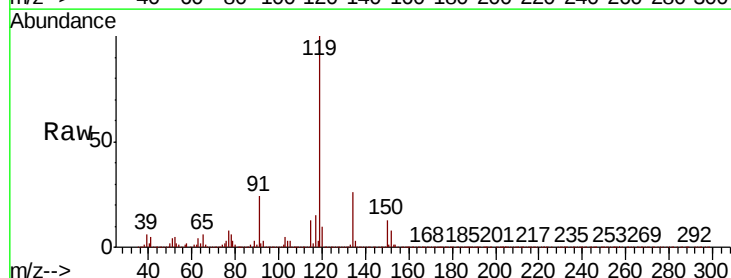
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

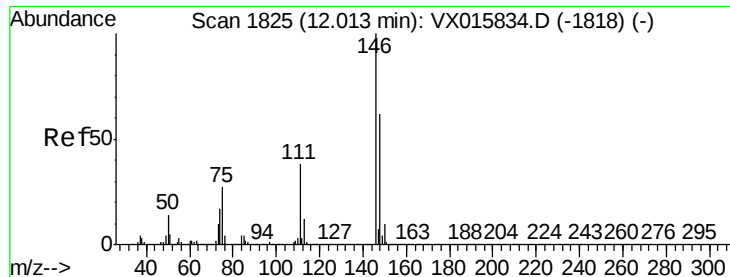
Tot Ion:105 Resp: 2129588
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 48.918 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion:119 Resp: 1978855
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.0 11.5 34.5

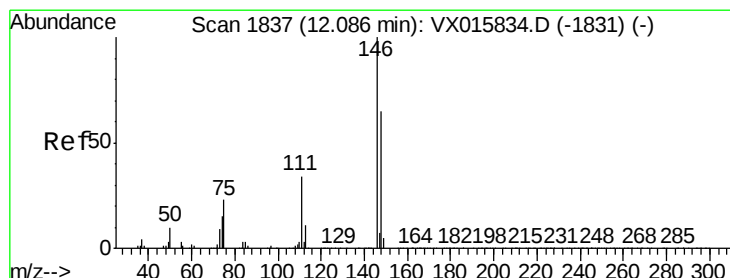
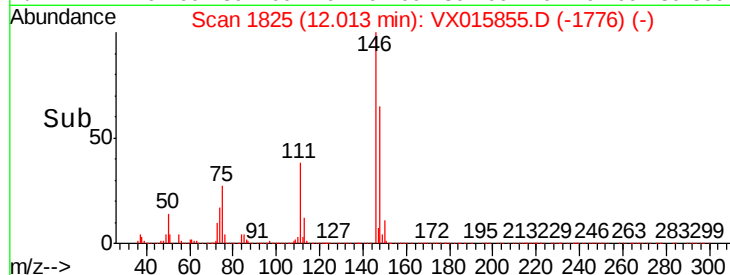
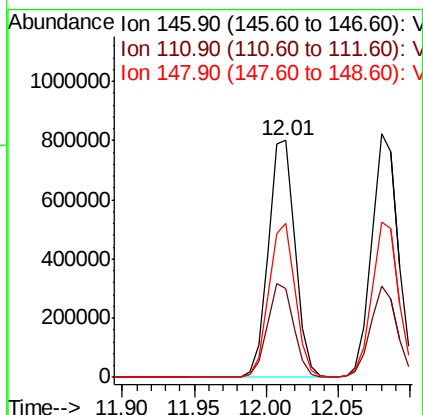
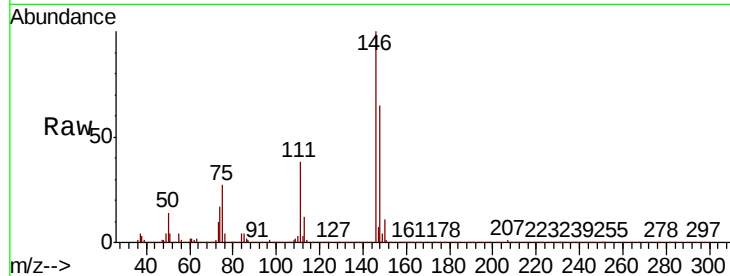




#87
 1,3-Dichlorobenzene
 Concen: 47.256 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

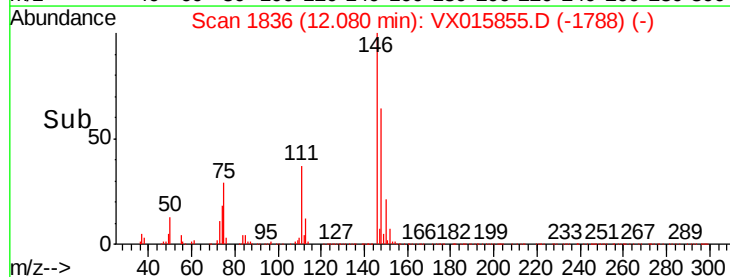
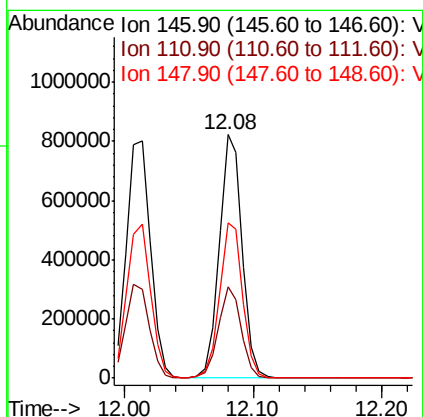
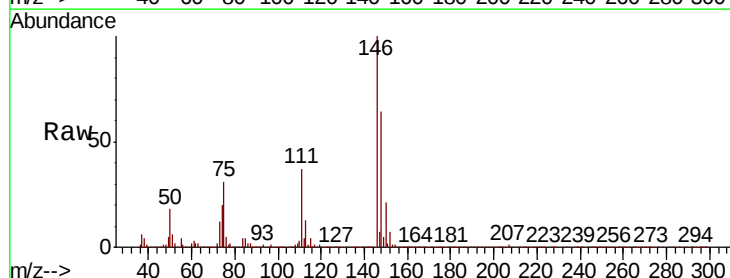
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

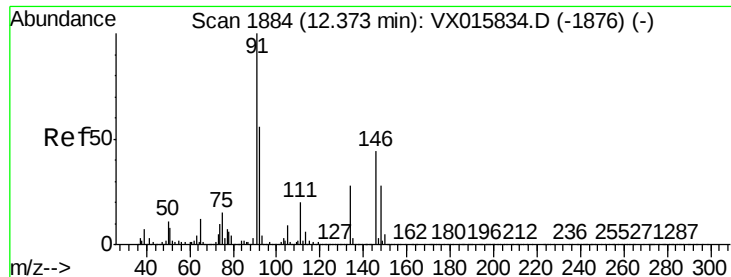
Tot Ion:146 Resp: 1028402
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.5 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 46.938 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion:146 Resp: 1022523
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.4 58.2
 148 64.4 33.8 101.4





#89

n-Butylbenzene

Concen: 47.144 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

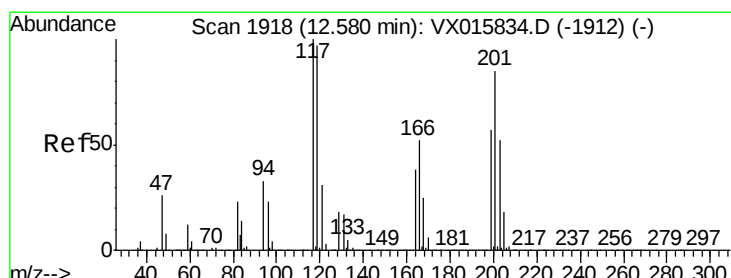
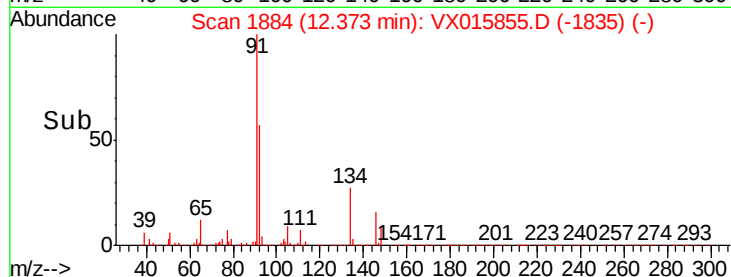
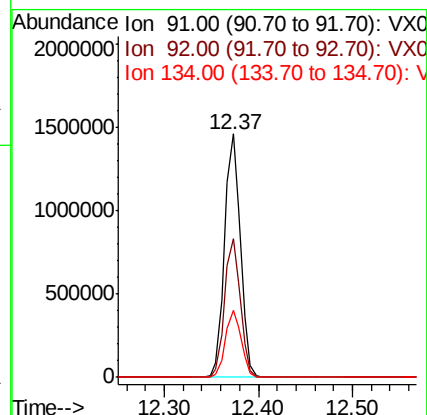
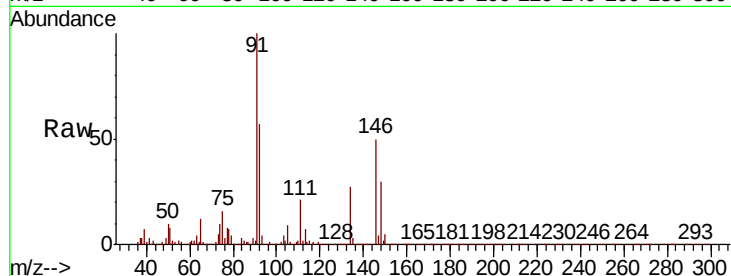
Tot Ion: 91 Resp: 1705080

Ion Ratio Lower Upper

91 100

92 56.5 27.7 83.1

134 27.4 14.1 42.4



#90

Hexachloroethane

Concen: 63.166 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015855.D

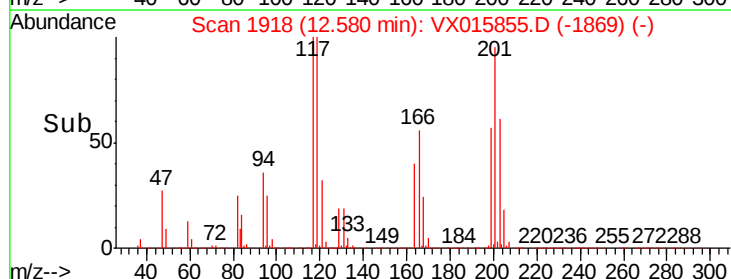
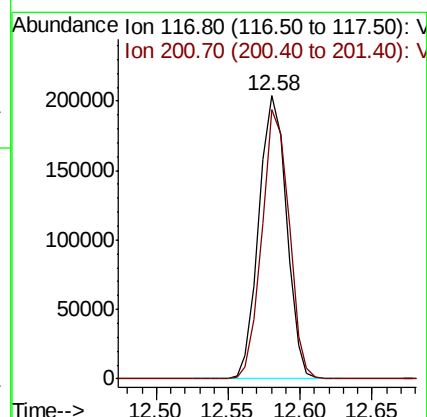
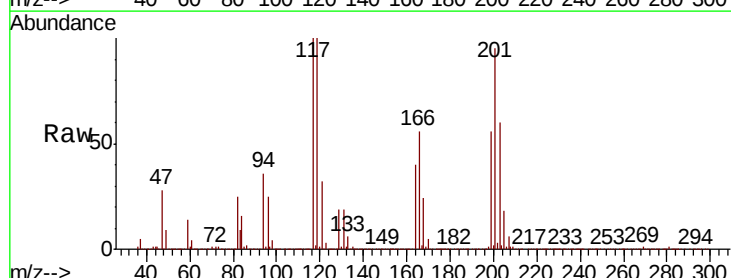
Acq: 22 Apr 2020 20:25

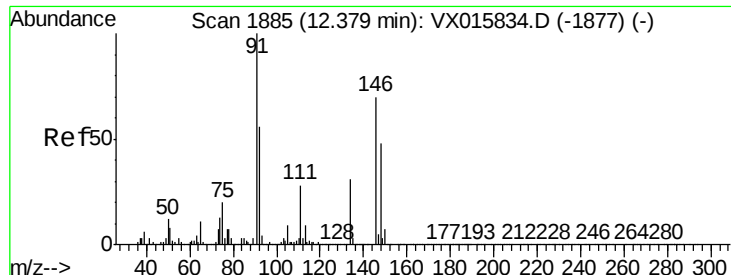
Tgt Ion: 117 Resp: 269935

Ion Ratio Lower Upper

117 100

201 92.9 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 47.763 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

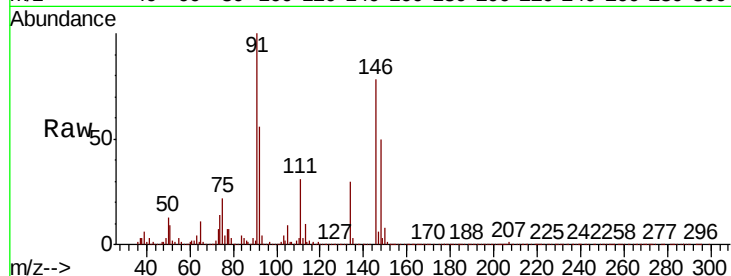
Tot Ion:146 Resp: 985855

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

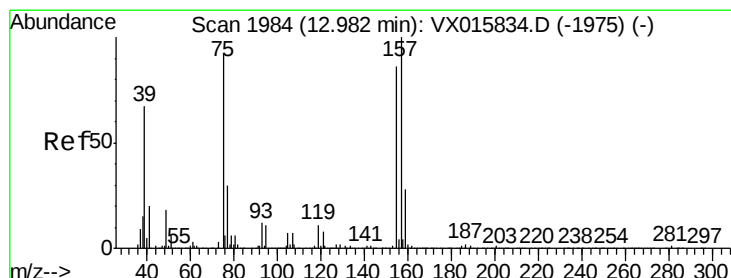
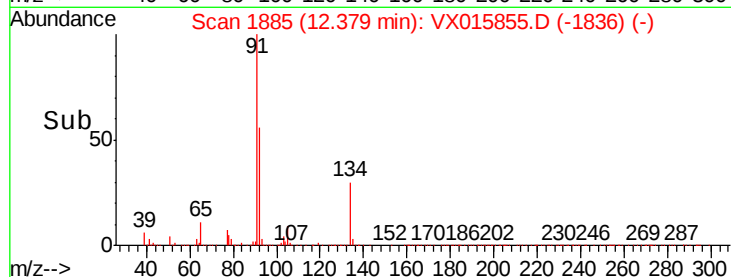
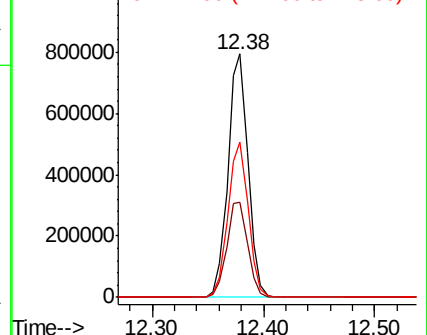
148 64.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.109 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

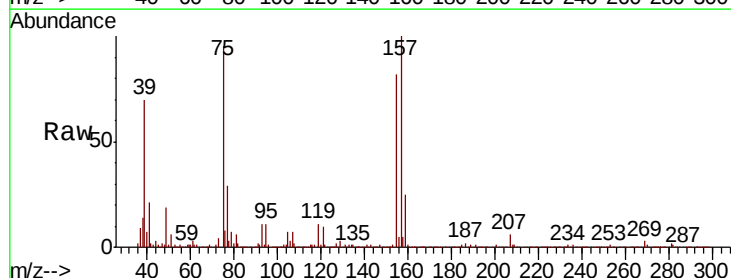
Tgt Ion: 75 Resp: 136455

Ion Ratio Lower Upper

75 100

155 92.0 48.1 144.4

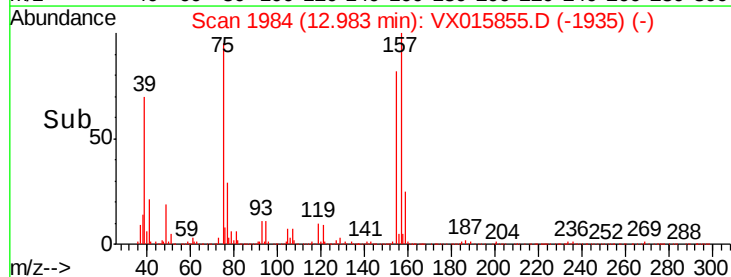
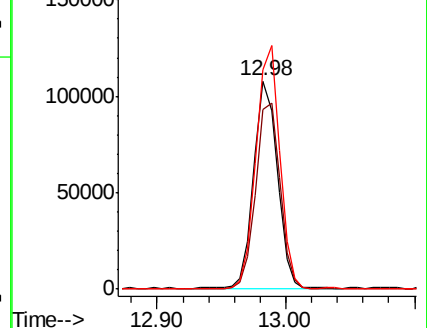
157 116.4 58.9 176.7

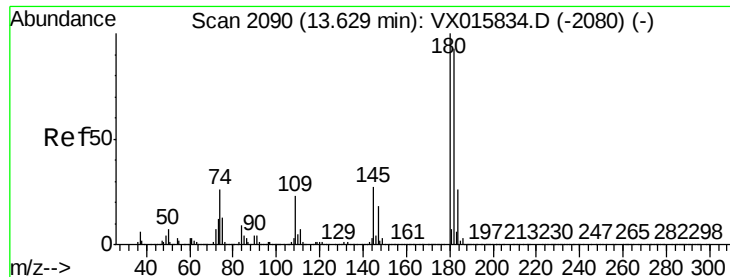


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

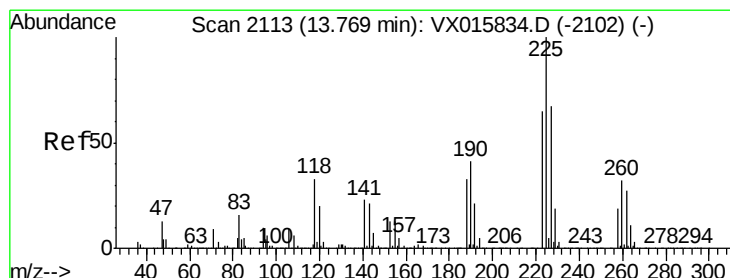
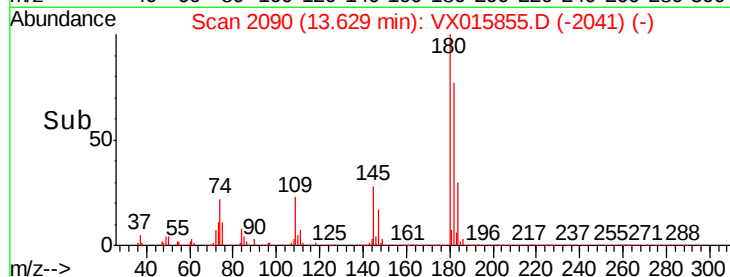
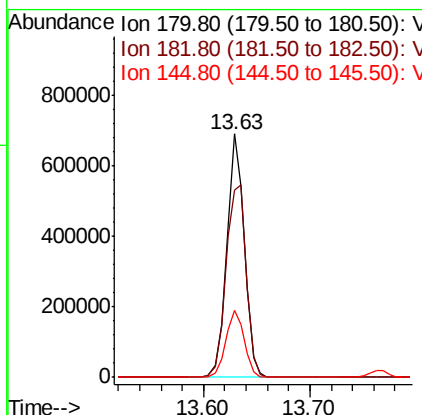
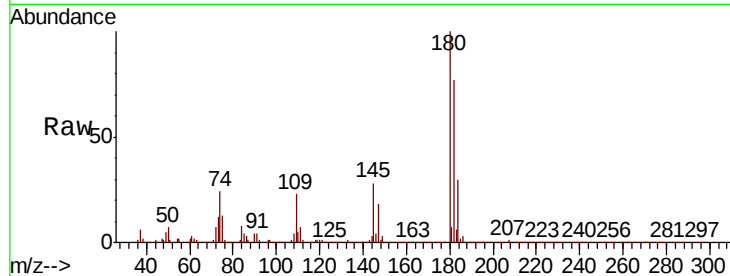




#93
 1,2,4-Trichlorobenzene
 Concen: 48.822 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

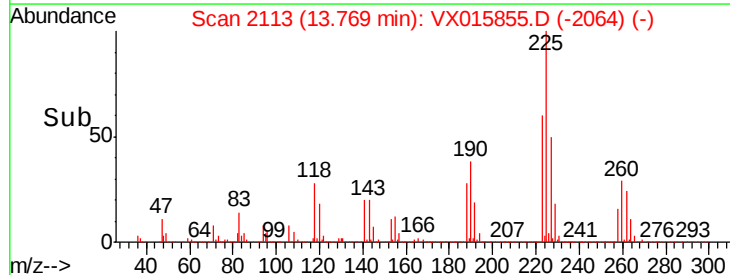
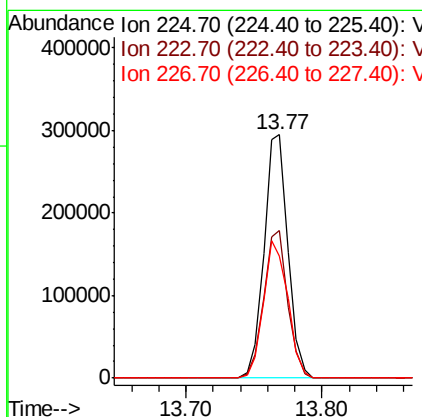
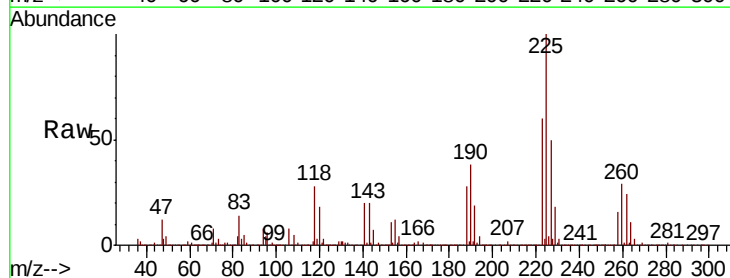
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

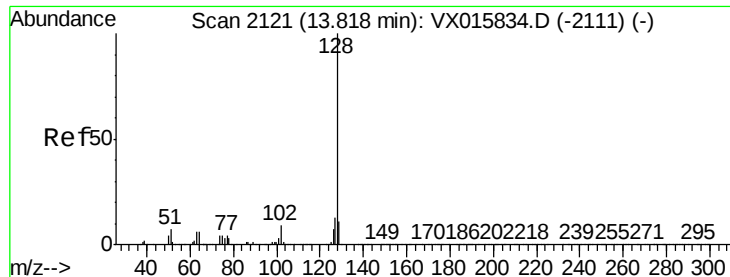
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.7	143.1
145	28.7	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 49.901 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.3	93.8
227	57.9	32.6	97.8

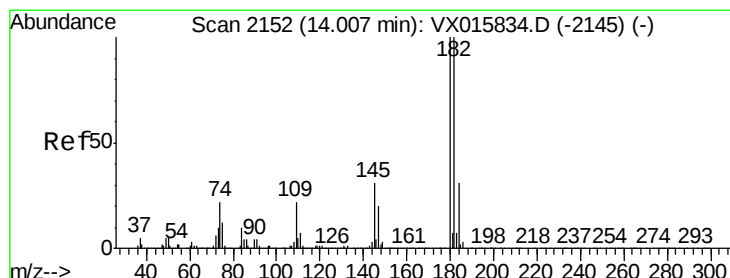
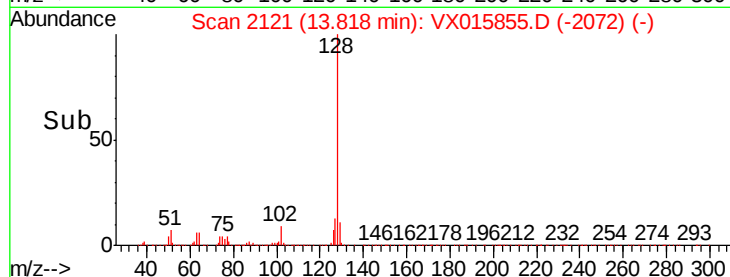
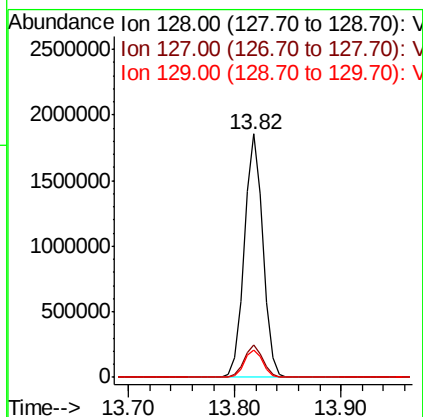
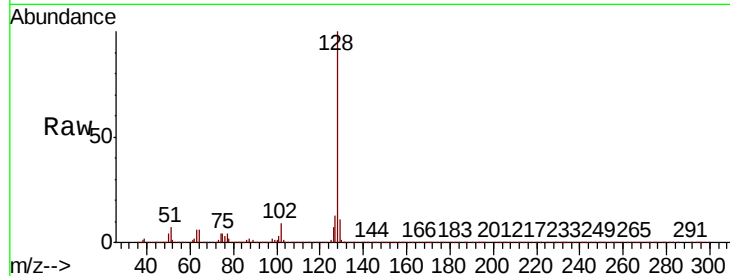




#95
Naphthalene
Concen: 48.326 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 2261126
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.561 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion:180 Resp: 770496
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.7
145 30.1 15.2 45.5

